

GENERAL CATALOGUE

60Hz

NO USA & CANADA



WATER • TECHNOLOGY



DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

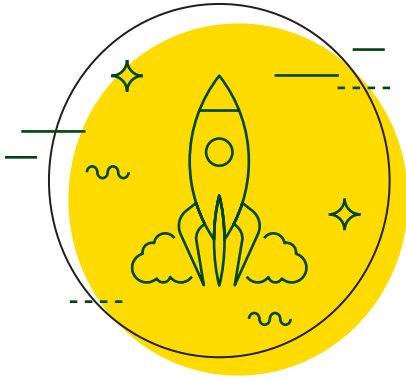
D+ CONNECT

**AFFORDABLE WEB
BASED REMOTE
CONTROL FOR
EVERYONE**

INTERNETOFPUMPS.COM



YOUR SYSTEMS ARE JUST A CLICK AWAY



IMMEDIATELY READY TO USE

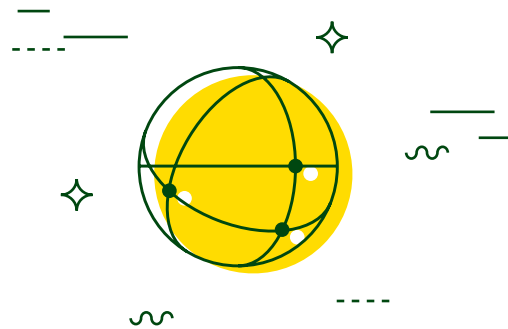
DConnect does not require specific infrastructures. The installation only requires an internet connection and a smartphone. Just follow the few steps of the connection wizard to connect your pumps.

TECHNOLOGY FOR EVERYONE

Based on state-of-the-art technology, the DConnect system offers many advantages than typical BMS systems.

THE SERVICE THAT MAKES LIFE EASIER

DConnect makes monitoring DAB products easy and intuitive. All adjustments are also possible remotely. For total control with no surprises.



WE ARE VERY CAREFUL ABOUT YOUR SAFETY

Dab takes data safety very seriously. This is why DConnect products are continuously updated and improved, to make sure that they always comply with the latest standards, in order to counteract any effects of the new dangers that are discovered every day.

UNRIVALLED ADVANTAGES

DConnect

TAILOR DESIGN

Developed for both residential and commercial building service application.

USE

No fixed work station is required as the DConnect is all about portability, the only thing you need is a internet connection.

SOFTWARE & HARDWARE

You do not need to buy any expensive software, nor do you need to pay for updates or for dedicated work stations.

VALUE

It lowers the overhead costs, increasing the value of your building.

D+CONNECT BOX

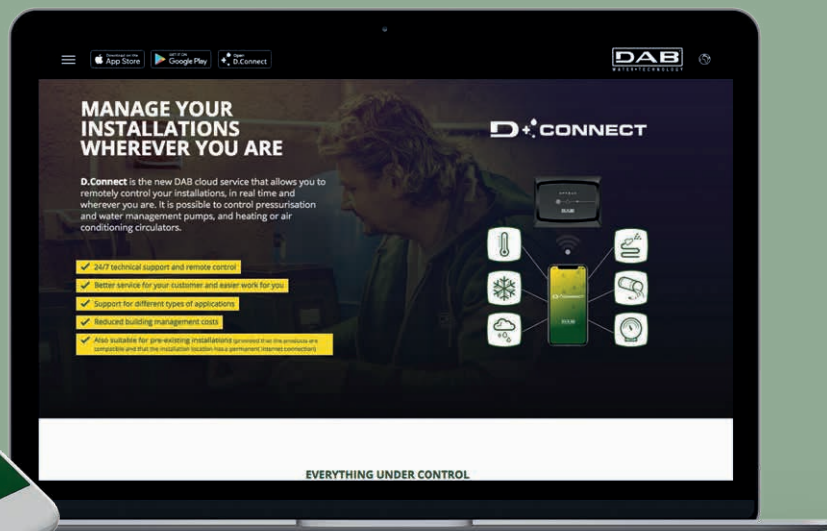


DConnect Box 2 expands the range of DConnect products. This latest addition is the ideal solution for small systems (connection of up to 4 products). It joins big brother DConnect Box, which can manage larger systems (connection of up to 8 products), and is compatible with a wide range of DAB products. Both can also be used on already installed products. All that is required is constant internet access at the place of installation.

APP & CLOUD

Using the DConnect App, available on App Store and Google Play, it is possible to check the settings of compatible products.

Taking advantage of the Cloud service, through the website internetofpumps.com or the **DConnect App**, it is also possible to remotely check the installation and receive alarms in real time, wherever you are, through an extremely clear and functional user interface.



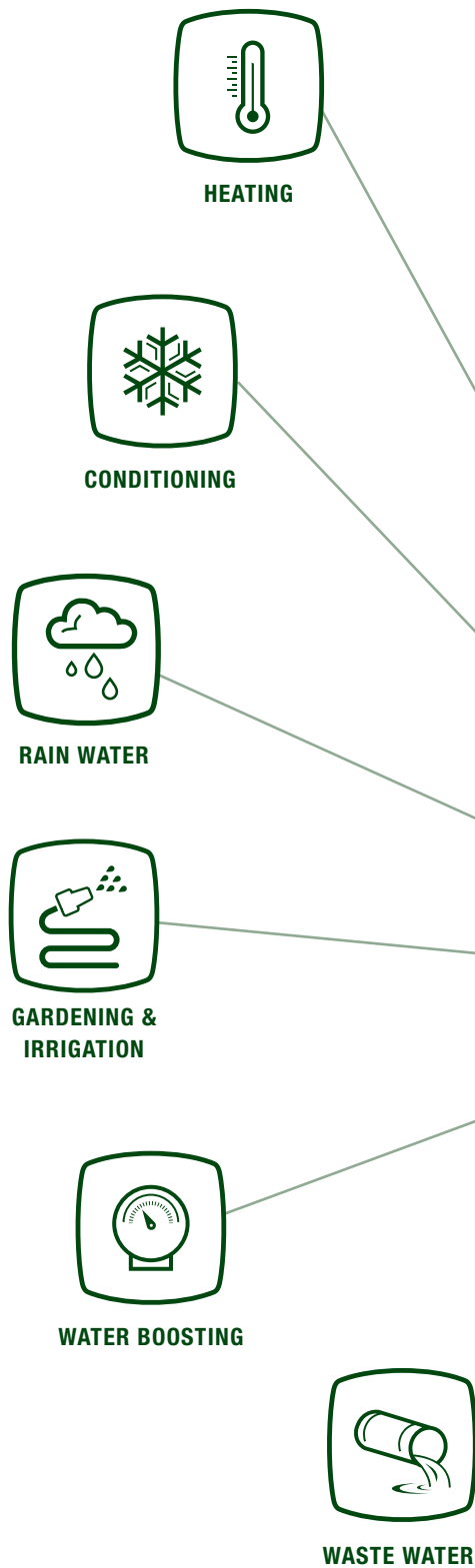
INTERNETOFPUMPS.COM

A SINGLE INTERFACE FOR EVERY APPLICATION

DConnect is suitable for pressurization systems, circulation systems and for installations for the recovery of waste water.

IT represents a high added value service that can be used with any system, irrespective of its nature and size and in the same environment and with the same instruments, from the individual villa to large structures.

Being modular, DConnect can manage up to 8 different electronic pumps in a highly simple and integrated manner.



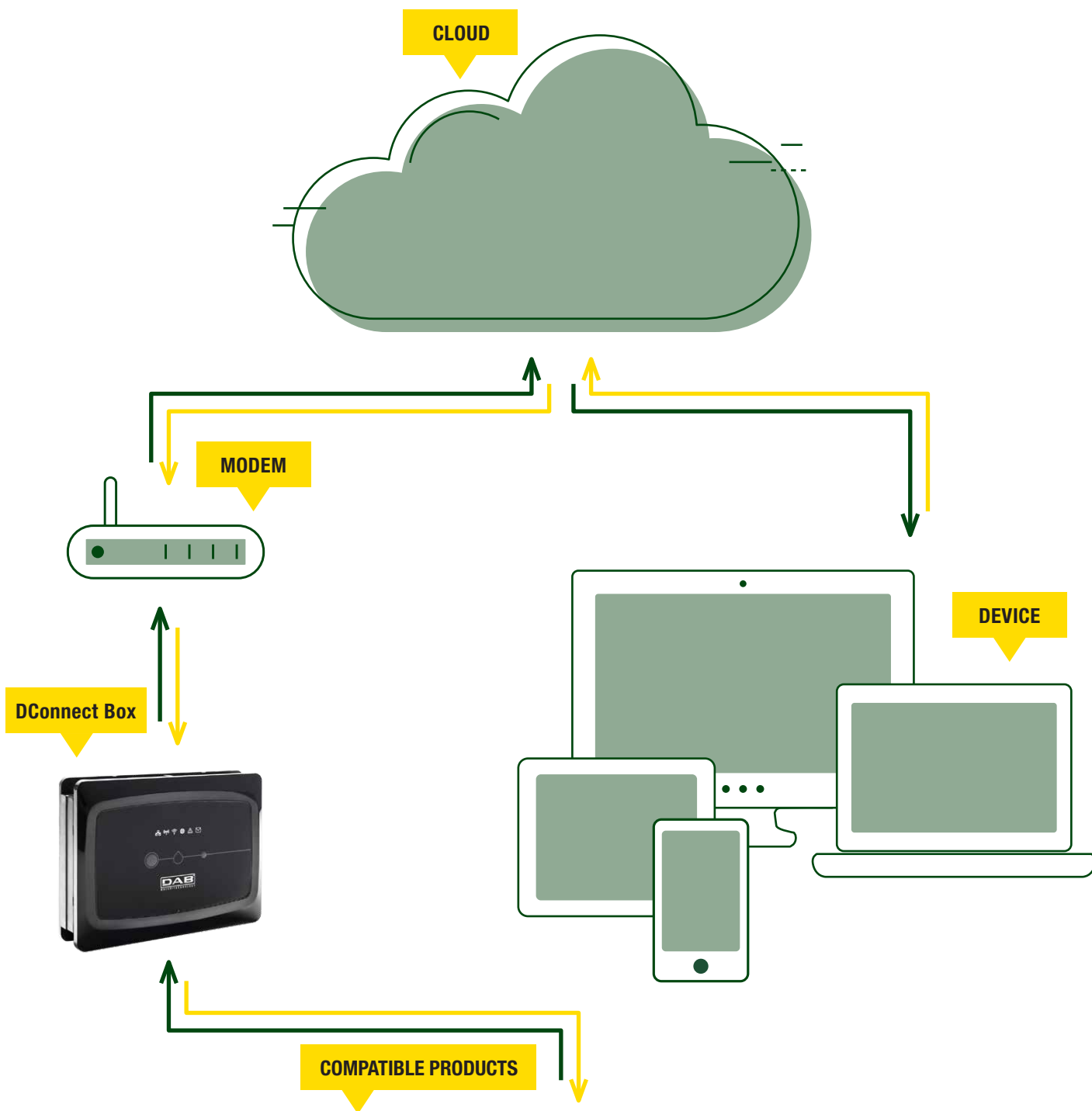
SMART BUILDING MANAGEMENT

DConnect permits easier, controlled and more rational management of the system, lowering the overhead costs and increasing the absolute value of the building in terms of efficiency and overall comfort.



**WITH EACH QUESTION,
AN ANSWER!
SCAN THE QR CODE AND
CONSULT OUR FAQ SECTION**

OPERATION DIAGRAM



For more information visit: internetofpumps.com

COMPATIBLE PRODUCTS CONNECTIONS



DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

DCONNECT BOX

REMOTE CONTROL FOR ELECTRONIC RESIDENTIAL AND COMMERCIAL SYSTEMS



1x

+



1x

Max 4x

| |
|--------------|
| MODEL |
| DCONNECT BOX |

| | |
|---|-------------------------------|
| MODEL | For more information page 254 |
| ESYBOX | |
| Update to the following version is required: VE 5.X or later | |



1x

+



1x

Max 4x
(no group)

| |
|--------------|
| MODEL |
| DCONNECT BOX |

| | |
|---|-------------------------------|
| MODEL | For more information page 252 |
| ESYBOX MINI ³ | |
| Update to the following version is required: VE 2.X or later | |



1x

+



1x

+



1x

Max 8x



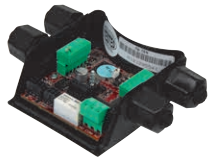

| |
|--------------|
| MODEL |
| DCONNECT BOX |

| |
|--------------------|
| MODEL |
| MODBUS CABLE 15 m |
| MODBUS CABLE 100 m |

| | |
|---------|------------------------------|
| MODEL | For more information page 60 |
| EVOPLUS | |




DCONNECT BOX

REMOTE CONTROL FOR ELECTRONIC RESIDENTIAL AND COMMERCIAL SYSTEMS

| | | | |
|---|---|--|---|
|  |  |  |  |
| 1x | 1x | 1x | 1x |
| + | + | + | + |




| | | | |
|--------------|--------------------|-----------------------|------------------------------|
| MODEL | MODEL | MODEL | MODEL |
| DCONNECT BOX | MODBUS CABLE 15 m | MULTIFUNCTION MODULE* | EVOPLUS SMALL (SINGLE) |
| | MODBUS CABLE 100 m | | Max 8x |
| | | | For more information page 44 |

* Not required for Evoplus Small in twin installation

| | | |
|--|--|--|
|  |  |  |
| 1x | 1x each inverter/group | 1x |
| + | + | + |

| | | |
|--------------|--------------------------------------|------------------------------|
| MODEL | MODEL | MODEL |
| DCONNECT BOX | CABLE FOR MCE CONNECTION 2 m + CLAMP | MCE/P |
| | | Max 8x |
| | | For more information page 18 |

Only the MCE/P with DConnect READY label are DConnect compatible

| | | |
|---|---|---|
|  |  |  |
| 1x | 1x each inverter/group | 1x |
| + | + | + |

| | | |
|--------------|--------------------------------------|------------------------------|
| MODEL | MODEL | MODEL |
| DCONNECT BOX | CABLE FOR MCE CONNECTION 2 m + CLAMP | MCE/C |
| | | Max 2x |
| | | For more information page 20 |

Only the MCE/C with DConnect READY label are DConnect compatible

DCONNECT BOX

REMOTE CONTROL FOR ELECTRONIC RESIDENTIAL AND COMMERCIAL SYSTEMS



1x

+



1x each inverter/group

+



1x

Max 8x

| |
|--------------|
| MODEL |
| DCONNECT BOX |

| |
|-------------------------------|
| MODEL |
| CABLE FOR ADAC CONNECTION 2 m |

| | |
|---|------------------------------|
| MODEL | For more information page 22 |
| ADAC | |
| Only the ADAC with DConnect READY label are DConnect compatible | |



1x

+



1x each inverter/group

+



1x

Max 8x

| |
|--------------|
| MODEL |
| DCONNECT BOX |

| |
|--|
| MODEL |
| CABLE FOR AD PLUS CONNECTION 5 m + CLAMP |
| SPECIAL CABLE FOR A SECOND GROUP 5 m + CLAMP |

| | |
|--|------------------------------|
| MODEL | For more information page 24 |
| ACTIVE DRIVER PLUS | |
| Update to the following version is required: VE 2.X or later | |



1x

+



1x

+



1x






Max 4x

| |
|--------------|
| MODEL |
| DCONNECT BOX |

| |
|---------------------------|
| MODEL |
| KIT USB CABLE 2 m + CLAMP |

| | |
|---|------------------------------|
| MODEL | For more information page 26 |
| EBOX | |
| Only the EBOX with DConnect READY label are DConnect compatible | |

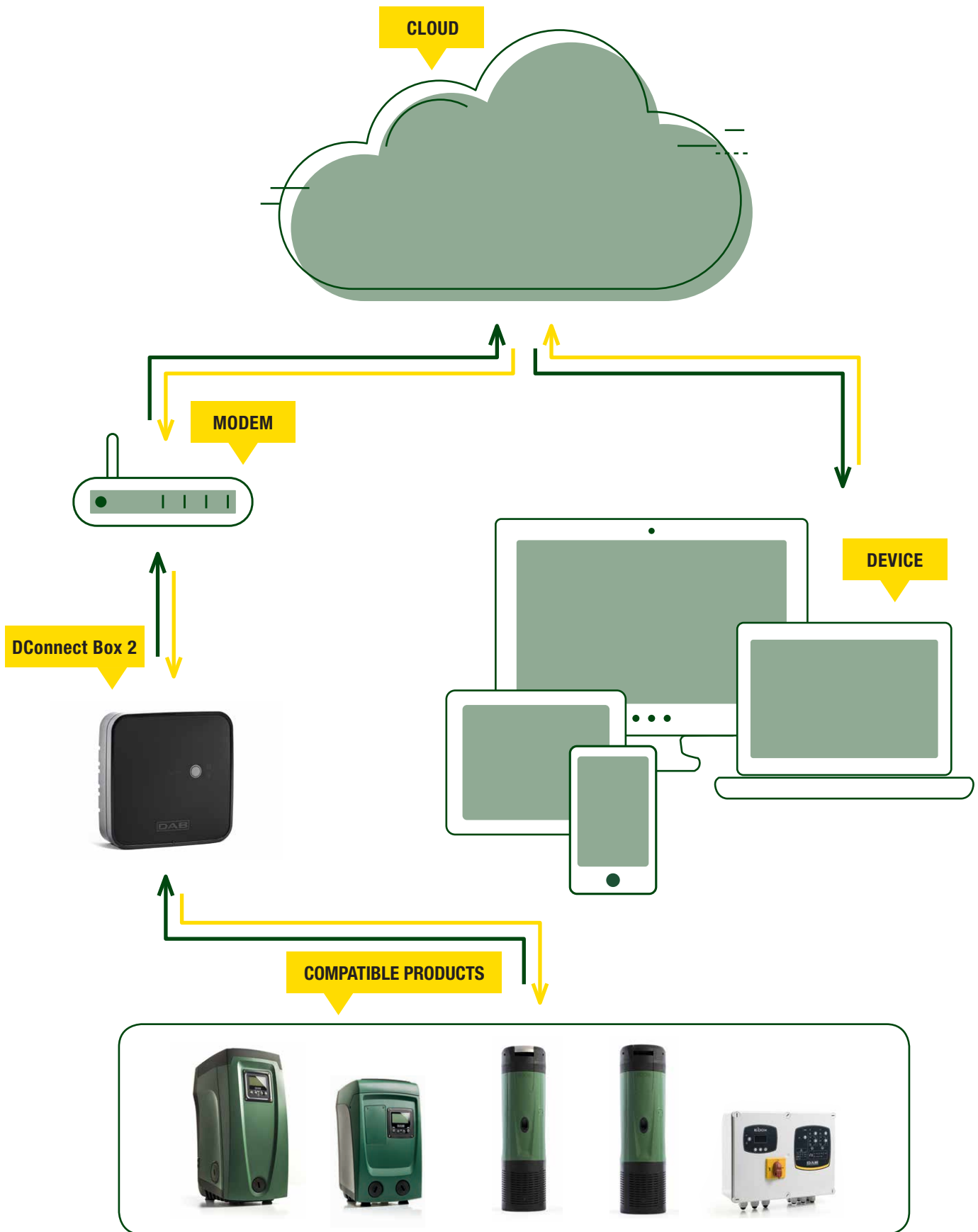
DCONNECT BOX ACCESSORIES

| MODEL | |
|---|---|
|  | ETHERNET CABLE 2m (to use in case of LAN connection) |
|  | KIT MODEM WiFi (ONLY FOR EU MARKETS) |
| | KIT MODEM WiFi + WALL CHARGER (ONLY FOR EU MARKETS) |
|  | DCONNECT BOX BMS ADAPTER KIT (MODBUS RTU RS485) |
|  | KIT CHARGER MINI UPS FOR DCONNECT BOX |
|  | DCONNECT BOX PANEL - IP 65 (DConnect Box included) |



ALWAYS
BY YOUR SIDE

OPERATION DIAGRAM



For more information visit: internetofpumps.com

COMPATIBLE PRODUCTS CONNECTIONS



DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

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SWIMMING POOL, POND AND SALT WATER PUMPS

CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

DCONNECT BOX 2

REMOTE CONTROL FOR ELECTRONIC RESIDENTIAL AND COMMERCIAL SYSTEMS



1x

+



1x

Max 4x

| |
|----------------|
| MODEL |
| DCONNECT BOX 2 |

| | |
|---|-------------------------------|
| MODEL | For more information page 254 |
| ESYBOX | |
| Update to the following version is required: VE 5.X or later | |



1x

+



1x

Max 4x
(no group)

| |
|----------------|
| MODEL |
| DCONNECT BOX 2 |

| | |
|---|-------------------------------|
| MODEL | For more information page 252 |
| ESYBOX MINI ³ | |
| Update to the following version is required: VE 2.X or later | |



1x

+



1x

Max 1x

| |
|----------------|
| MODEL |
| DCONNECT BOX 2 |

| | |
|--------------|---|
| MODEL | DConnect box 2 included with Esybox Diver. For more information page 479 |
| ESYBOX DIVER | |

DCONNECT BOX 2

REMOTE CONTROL FOR ELECTRONIC RESIDENTIAL AND COMMERCIAL SYSTEMS



1x

+



1x

Max 1x

| MODEL |
|----------------|
| DCONNECT BOX 2 |

| MODEL | For more information page 477 |
|---|-------------------------------|
| DTRON 3 | |
| Update to the following version is required: VE 5.X or later | |



1x

+



1x

+



1x

Max 1x

| MODEL |
|----------------|
| DCONNECT BOX 2 |

| MODEL |
|------------------------------|
| KIT USB CABLE 2 m + CLAMP |

| MODEL | For more information page 25 |
|---|------------------------------|
| EBOX | |
| Only the EBOX with DConnect READY label are DConnect compatible | |

DCONNECT BOX 2 ACCESSORIES

| MODEL | |
|-------|--|
| | KIT MODEM WiFi (ONLY FOR EU MARKETS) |
| | KIT MODEM WiFi + WALL CHARGER (ONLY FOR EU MARKETS) |

DCONNECT

PAGE 1

**COMMAND
AND CONTROL SYSTEMS**

PAGE 17

**CIRCULATORS
AND IN-LINE PUMPS**

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**MULTIUSAGE
CENTRIFUGAL AND
SELF-PRIMING PUMPS**

PAGE 225

**SWIMMING POOL, POND
AND SALT WATER PUMPS**

PAGE 267

CENTRIFUGAL PUMPS

PAGE 281

SUBMERSIBLE PUMPS

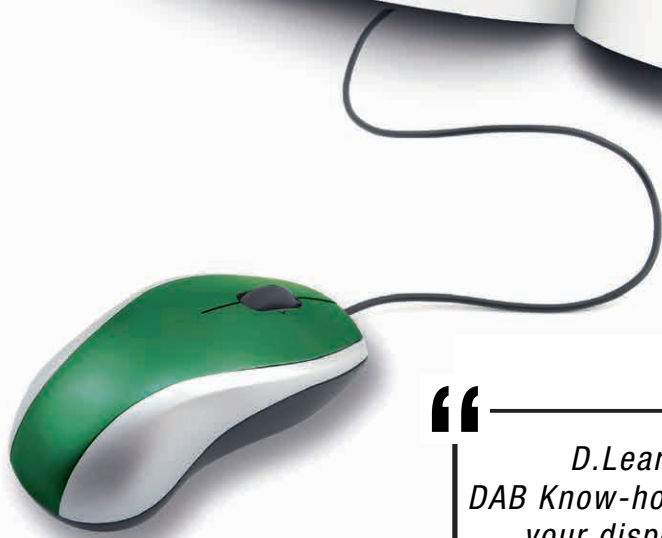
PAGE 423

**SUBMERSIBLE PUMPS
AND SUBMERSIBLE MOTORS**

PAGE 467

PRESSURE UNITS

PAGE 535



“
D.Learning:
DAB Know-how always at
your disposal in a
fun and easy way.
”



EVERYTHING YOU HAVE TO
KNOW WITH ONE CLICK

DLEARNING.DABPUMPS.COM



INVERTER



MCE/P
INVERTER FOR PRESSURE PUMPS

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ACTIVE DRIVER PLUS
INVERTER

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MCE/C
INVERTER FOR CIRCULATING PUMPS

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SUNDRIVER
ELECTRONIC PROTECTION AND CONTROL PANELS
WITH INVERTER FOR SOLAR PANEL SYSTEMS

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ADAC
INVERTER FOR PRESSURE PUMPS

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ON/OFF DEVICES



EBOX
CONTROL PANEL

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SMART PRESS
ON/OFF CONTROLLER

PAGE 27



ACCESSORIES

PAGE 29



MCE/P inverters are used for the management of pressurization pumps intended for complex professional applications. MCE/P inverters can drive three-phase pumps up to 15kW.

These units combine the simplicity with the robust design and power of an inverter drive.

MCE/P are mounted on the pump, and are equipped with pressure sensors and the **optional flow sensors** as required. The use of a flow sensor, moreover, allows a better pressure regulation.

The **MCE/P** can easily be set up in booster sets, thanks to a standard wire cable connection.

Comfort, energy saving, protections and simplicity are the keywords of this professional series.

The **MCE/P** units are air cooled.

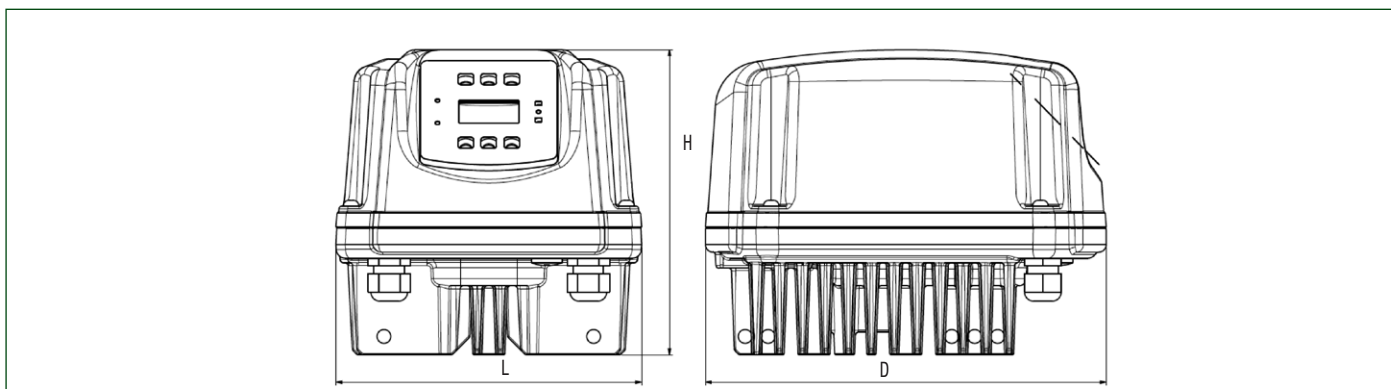
The **MCE/P** can be easily installed in existing systems and can operate with all pumps Facility to create sets with interchange of up to 8 pumps

TECHNICAL DATA

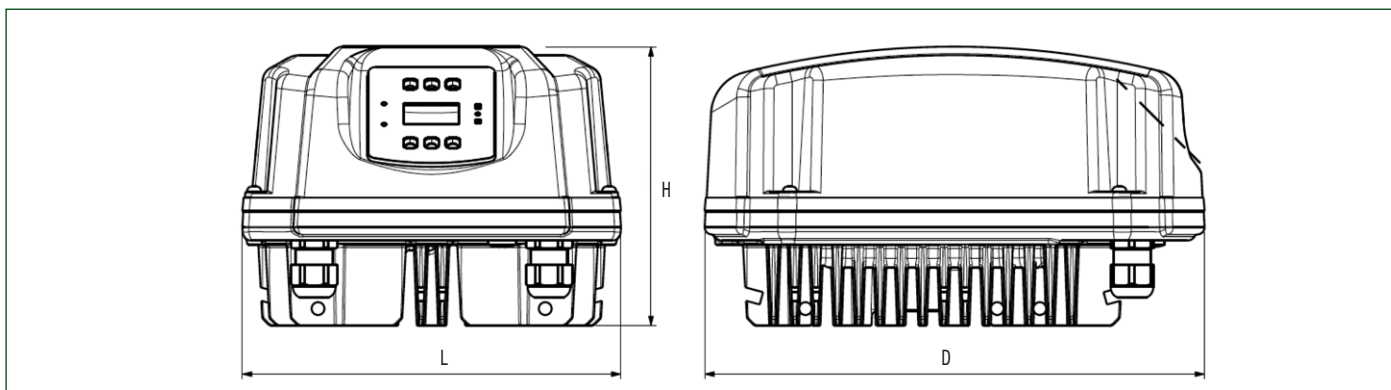
| MODEL | NOMINAL MOTOR POWER KW | MAX NOMINAL MOTOR CURRENT A | MIN NOMINAL MOTOR CURRENT A | VOLTAGE 60 Hz | PUMP VOLTAGE 60 Hz | MOTOR FRAME |
|-----------|------------------------|-----------------------------|-----------------------------|--------------------|--------------------|-------------|
| MCE/P 11 | 1.1 | 6.5 | 1.0 | Single-phase 1x230 | Three-phase 3x230 | 71 80 |
| MCE/P 15 | 1.5 | 8,0 | 1.0 | Single-phase 1x230 | Three-phase 3x230 | 90 |
| MCE/P 22 | 2.2 | 10.5 | 1.0 | Single-phase 1x230 | Three-phase 3x230 | 90 100 |
| MCE/P 30 | 3 | 7,5 | 2.0 | Three-phase 3x400 | Three-phase 3x400 | 100 |
| MCE/P 55 | 5,5 | 13,5 | 2.0 | Three-phase 3x400 | Three-phase 3x400 | 112 132 |
| MCE/P 110 | 11.0 | 24 | 2.0 | Three-phase 3x400 | Three-phase 3x400 | 132 160 |
| MCE/P 150 | 15.0 | 32 | 2.0 | Three-phase 3x400 | Three-phase 3x400 | 160 |

DIMENSIONS AND WEIGHTS

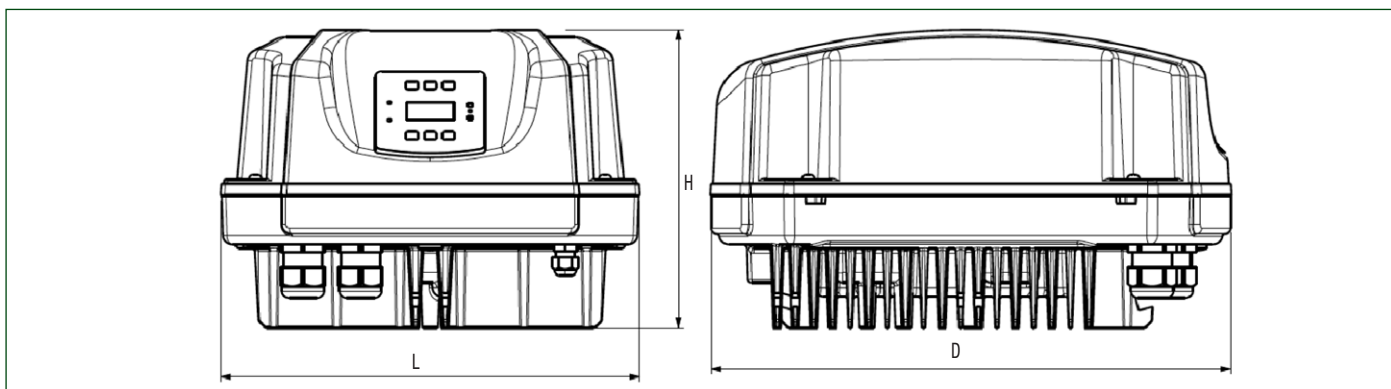
MCE/P 11 - MCE/P 15 - MCE/P 22



MCE/P 30 - MCE/P 55



MCE/P 110 - MCE/P 150



| MODEL | L | H | D | PACKING DIMENSIONS | | | WEIGHT Kg | Q.TY X PALLET |
|-----------|-----|-----|-----|--------------------|-----|-----|--------------|---------------------|
| | | | | L/D | L/L | H | | |
| MCE/P 11 | 200 | 199 | 262 | 265 | 235 | 215 | 5 | 24 |
| MCE/P 15 | 200 | 199 | 262 | 265 | 235 | 215 | 5 | 24 |
| MCE/P 22 | 200 | 199 | 262 | 265 | 235 | 215 | 5 | 24 |
| MCE/P 30 | 267 | 196 | 352 | 360 | 280 | 200 | 7,6 | 32 |
| MCE/P 55 | 267 | 196 | 352 | 360 | 280 | 200 | 7,6 | 32 |
| MCE/P 110 | 343 | 244 | 425 | 435 | 345 | 265 | 12 | 12 |
| MCE/P 150 | 343 | 244 | 425 | 435 | 345 | 265 | 12 | 12 |



MCE/C inverters are used for the management of circulation pumps and set themselves apart due to ease of use, power, simplicity of installation and management.

MCE/C inverters are designed for use with circulator pumps to enable simple control of differential pressure, thereby adapting pump performance to match effective system requirements.

The solution of mounting on the motor base greatly simplifies installation of the pump with **MCE/C** in minimal times.

Ease of programming is guaranteed by the use of an interface similar to DAB Dialogue and a graphic display.

MCE/C inverters feature dual microprocessor architecture to guarantee maximum efficiency and reliability. Sturdy and reliable construction is combined with modern and innovative styling to complete the product also in terms of aesthetics.

MCE/C inverters protect the pump thanks to integrated safety devices. They are also able to prolong the useful lifetime of the pump thanks to the elimination of water hammer and rotation of the pump at the minimum rpm necessary to meet the requirements of the user.

Last but not least, these inverters save power by keeping pump consumption to the minimum levels strictly necessary to meet user requirements.

Equipped with communication module for the creation of twin pumpsets.

Should P-v proportional differential pressure regulation be required, specify the pump model on which the inverter will be installed.

When installing twin sets, the connection cable must be ordered separately.

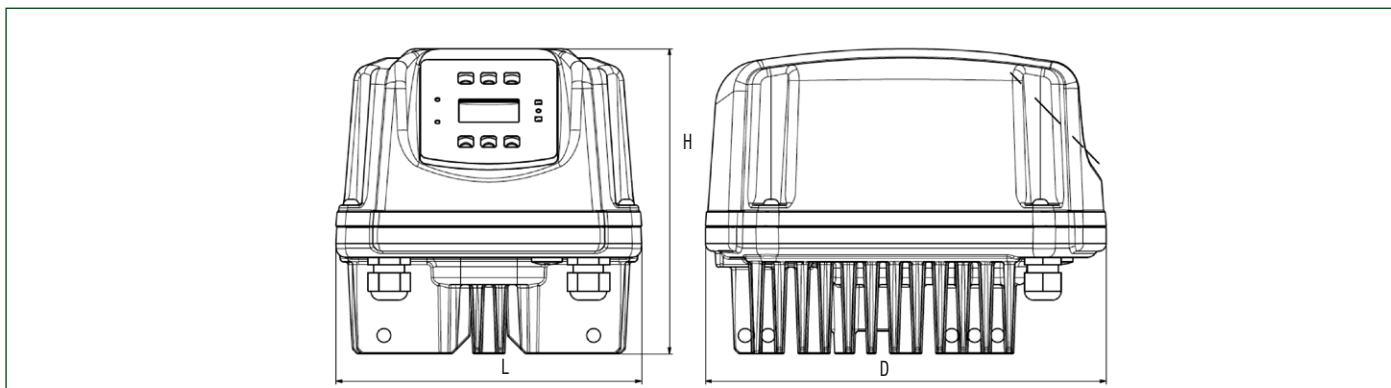


TECHNICAL DATA

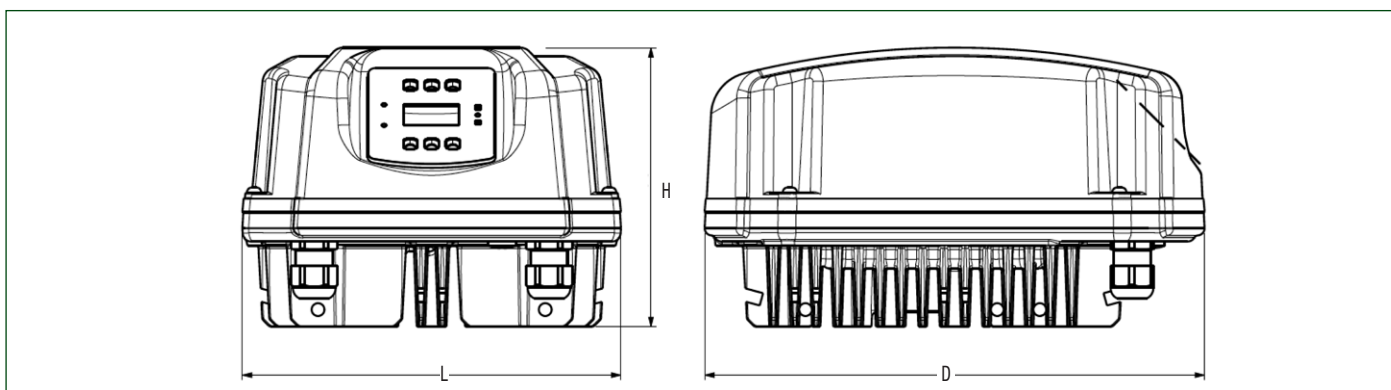
| MODEL | NOMINAL MOTOR POWER KW | MAX NOMINAL MOTOR CURRENT A | MIN NOMINAL MOTOR CURRENT A | VOLTAGE 60 Hz | PUMP VOLTAGE 60 Hz | MOTOR FRAME |
|-----------|------------------------|-----------------------------|-----------------------------|--------------------|--------------------|-------------|
| MCE/C 11 | 1.1 | 6.5 | 1.0 | Single-phase 1x230 | Three-phase 3x230 | 71 80 |
| MCE/C 15 | 1.5 | 8,0 | 1.0 | Single-phase 1x230 | Three-phase 3x230 | 90 |
| MCE/C 22 | 2.2 | 10.5 | 1.0 | Single-phase 1x230 | Three-phase 3x230 | 90 100 |
| MCE/C 30 | 3 | 7,5 | 2.0 | Three-phase 3x400 | Three-phase 3x400 | 100 |
| MCE/C 55 | 5,5 | 13,5 | 2.0 | Three-phase 3x400 | Three-phase 3x400 | 112 132 |
| MCE/C 110 | 11.0 | 24 | 2.0 | Three-phase 3x400 | Three-phase 3x400 | 132 160 |
| MCE/C 150 | 15.0 | 32 | 2.0 | Three-phase 3x400 | Three-phase 3x400 | 160 |

DIMENSIONS AND WEIGHTS

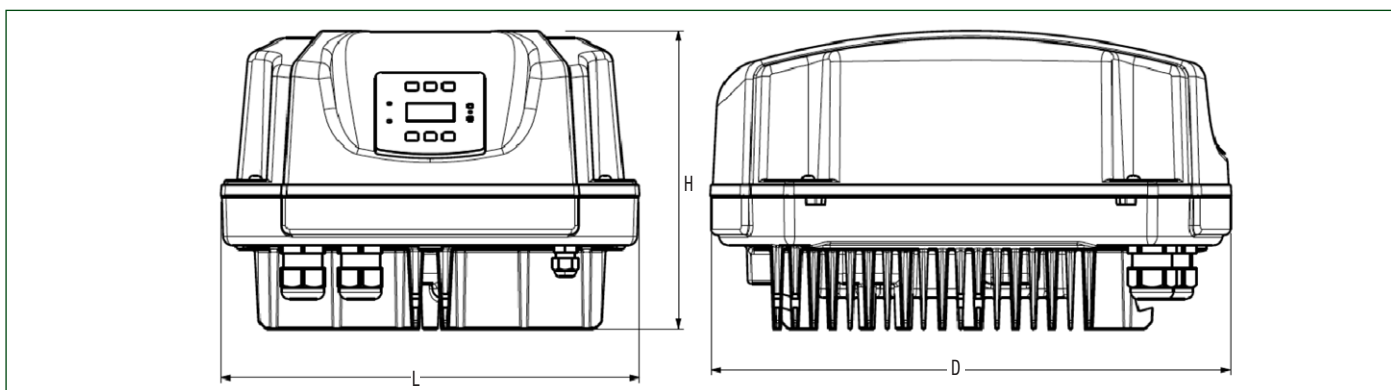
MCE/C 11 - MCE/C 15 - MCE/C 22



MCE/C 30 - MCE/C 55



MCE/C 110 - MCE/C 150



| MODEL | L | H | D | PACKING DIMENSIONS | | | WEIGHT Kg | Q.TY X PALLET |
|-----------|-----|-----|-----|--------------------|-----|-----|--------------|---------------------|
| | | | | L/D | L/L | H | | |
| MCE/C 11 | 200 | 199 | 262 | 265 | 235 | 215 | 5 | 24 |
| MCE/C 15 | 200 | 199 | 262 | 265 | 235 | 215 | 5 | 24 |
| MCE/C 22 | 200 | 199 | 262 | 265 | 235 | 215 | 5 | 24 |
| MCE/C 30 | 267 | 196 | 352 | 360 | 280 | 200 | 7,6 | 32 |
| MCE/C 55 | 267 | 196 | 352 | 360 | 280 | 200 | 7,6 | 32 |
| MCE/C 110 | 343 | 244 | 425 | 435 | 345 | 265 | 12 | 12 |
| MCE/C 150 | 343 | 244 | 425 | 435 | 345 | 265 | 12 | 12 |



ADAC inverters are intended for **HEAVY PROFESSIONAL APPLICATIONS.**

They can drive pumps of up to 15 kW. These units combine the simplicity with the robust design and power of an inverter drive. They can be installed in a control panel and must be supplied with external pressure. The use of a flow sensor (OPTIONAL), allows a better pressure regulation.

The **ADAC** can easily be set up in booster sets, thanks to a standard wire cable connection.

Comfort, energy saving, protections and simplicity are the keywords of this professional series.

The ADAC units are air cooled. These extremely robust panel-mounting inverters feature a metal body and are suitable for heavy-duty applications.

ADAC ensure the utmost practicality and increase the average working life of the system, permitting also significant savings in power consumption.

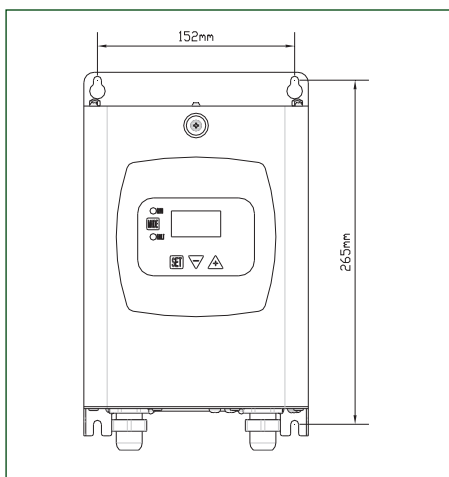
ADAC

TECHNICAL DATA

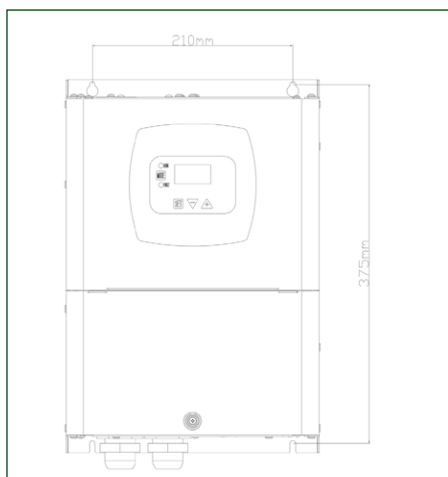
| MODEL | NOMINAL MOTOR POWER KW | MAX NOMINAL MOTOR CURRENT A | MIN NOMINAL MOTOR CURRENT A | VOLTAGE 60 Hz | PUMP VOLTAGE 60 Hz |
|----------------|------------------------|-----------------------------|-----------------------------|---------------|--------------------|
| AD M/T 1.0 AC | 1,0 | 6,5 | 1 | 1x230 | 3x230 |
| AD M/T 1.5 AC | 1,5 | 9,0 | 1 | 1x230 | 3x230 |
| AD M/T 2.2 AC | 2,2 | 11,5 | 1 | 1x230 | 3x230 |
| AD T/T 3.0 AC | 3,0 | 9,0 | 2 | 3x400 | 3x400 |
| AD T/T 4.0 AC | 4,0 | 11 | 2 | 3x400 | 3x400 |
| AD T/T 5.5 AC | 5,5 | 15 | 2 | 3x400 | 3x400 |
| AD T/T 7.5 AC | 7,5 | 22 | 2 | 3x400 | 3x400 |
| AD T/T 11.0 AC | 11 | 31 | 2 | 3x400 | 3x400 |
| AD T/T 15.0 AC | 15 | 41 | 2 | 3x400 | 3x400 |

DIMENSIONS AND WEIGHTS

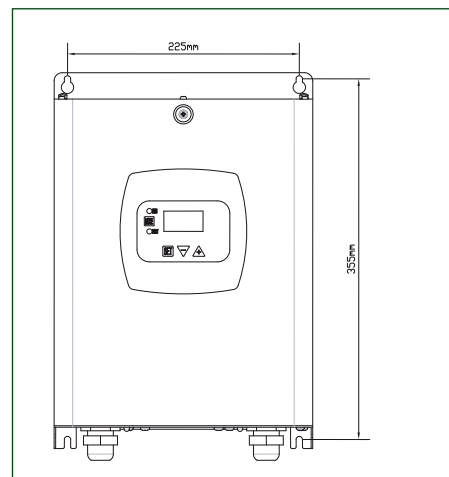
AD M/T 1.0 AC – AD M/T 1.5 AC
AD M/T 2.2 AC



AD T/T 7.5 AC – AD T/T 11.0 AC
AD T/T 15.0 AC



AD T/T 3.0 AC – AD T/T 4.0 AC
AD T/T 5.5 AC



| MODEL | L | H | D | PACKING DIMENSIONS | | | WEIGHT Kg | Q.TY X PALLET |
|-----------------------|-----|-----|-----|--------------------|-----|-----|--------------|---------------------|
| | | | | L/D | L/L | H | | |
| AD M/T 1.0 AC | 200 | 199 | 262 | 300 | 350 | 250 | 5 | 24 |
| AD M/T 1.5 AC | 200 | 199 | 262 | 300 | 350 | 250 | 5 | 24 |
| AD M/T 2.2 AC | 200 | 199 | 262 | 300 | 350 | 250 | 5 | 24 |
| AD T/T 3.0 AC | 267 | 196 | 352 | 350 | 570 | 250 | 7,6 | 12 |
| AD T/T 4.0 AC | 267 | 196 | 352 | 350 | 570 | 250 | 7,6 | 12 |
| AD T/T 5.5 AC | 267 | 196 | 352 | 350 | 570 | 250 | 7,6 | 112 |
| AD T/T 7.5 AC | 343 | 244 | 425 | 380 | 520 | 300 | 12 | 12 |
| AD T/T 11.0 AC | 343 | 244 | 425 | 380 | 520 | 300 | 12 | 12 |
| AD T/T 15.0 AC | 343 | 244 | 425 | 380 | 520 | 300 | 12 | 12 |

ACTIVE DRIVER PLUS INVERTER

D+CONNECT



ACTIVEDRIVER plus

Active Driver Plus are inverters used for the control of hydraulic pumps. Their obvious fields of application are domestic, industrial, and agricultural constant pressure pumping systems.

The OLED display offers an extremely simple and intuitive graphic interface. Displaying or changing any parameters is extremely simple, which in turn also simplifies maintenance.

Installation is also very easy: the installation wizard asks the user for the parameters required for the configuration. Active Driver Plus inverters provide a reduction of electric consumption, thanks to the inverter technology, whilst at the same time ensuring maximum comfort thanks to the constant pressure.

They are extremely versatile, as they do not require external sensors and non-return valves. There is in-fact a built-in pressure sensor, a flow switch, and a non-return valve.

The advantages of Active Driver Plus are:

- comfort, thanks to the constant pressure,
- energy savings, thanks to the inverter technology.
- less noise,
- compact shape,
- all the built-in protections: dry run, overload, abnormal voltage, overtemperature, freezing.

Line voltage 115V and 230V single-phase
400V three-phase

Electric pump voltage 115V and 230V single-phase, 230V and 400V three-phase

Power supply frequency 50 Hz - 60 Hz

Installation
vertical and horizontal (M/M and M/T only)

Maximum liquid temperature 50°C

Max operating temperature 50°C

Max flow rate 18m³/h.

Maximum working pressure 13 bar

Pressure regulation range from 1 to 13 bar

Suction diameter (DNA) 1 1/4" male

Delivery diameter (DNM) 1 1/2" female

Protection level IP55

Communication interface for sets

YES, an Active Driver Plus for each pump

Non-return valve not required

Equipped with graphic display

TECHNICAL DATA

| MODEL | MAX CURRENT OF MOTOR A | MAX MOTOR POWER kW | VOLTAGE 60 Hz | PUMP SUPPLY VOLTAGE Volt | CONNECTIVITY FOR PARALLEL WORKING | TO BE USED WITH PUMPS TYPE | PRESSURE REGULATION RANGE BAR | WEIGHT Kg | Q.TY X PALLET |
|---|------------------------|--------------------|-----------------------|--------------------------|-----------------------------------|--|-------------------------------|-----------|---------------|
| ACTIVE DRIVER PLUS M/M 1,1 | 8,5 | 1,1 | Single-phase 1x230 | Single-phase 1x230 | YES | Surface pumps, 4" submersible pumps and 5" pumps with single-phase motor and input current of up to 8,5 A | 1-9 | 3,5 | 32 |
| ACTIVE DRIVER PLUS M/M 1,5/ DUAL VOLTAGE | 11 | 0,55 | Single-phase 1x115 | Single-phase 1x115 | YES | Surface pumps, 4" submersible pumps and 5" pumps with single-phase motor and input current of up to 11 A | 1-9 | 3,5 | 32 |
| | | 1,5 | Single-phase 1x230 | Single-phase 1x230 | | | | | |
| ACTIVE DRIVER PLUS M/M 1,8/ DUAL VOLTAGE | 14 | 1,0 | Single-phase 1x115 | Single-phase 1x115 | YES | Surface pumps, 4" submersible pumps and 5" pumps with single-phase motor and input current of up to 14 A | 1-9 | 3,8 | 32 |
| | | 1,8 | Single-phase 1x230 | Single-phase 1x230 | | | | | |
| ACTIVE DRIVER PLUS M/T 1 | 4,7 | 1,0 | Single-phase 1x230 | Three-phase 3x230 | YES | Surface pumps, 4" submersible pumps and 5" pumps with three-phase 230V motor and input current of up to 4,7 A | 1-9 | 3,5 | 32 |
| ACTIVE DRIVER PLUS M/T 2,2 | 10,5 | 2,2 | Single-phase 1x230 | Three-phase 3x230 | YES | Surface pumps, 4" submersible pumps and 5" pumps with three-phase 230V motor and input current of up to 10,5 A | 1-13 | 3,5 | 32 |
| ACTIVE DRIVER PLUS T/T 3 | 7,5 | 3,0 | Three-phase 3x400 | Three-phase 3x400 | YES | Surface pumps, 4" submersible pumps and 5" pumps with three-phase 400V motor and input current of up to 7,5 A | 1-13 | 4,5 | 32 |
| ACTIVE DRIVER PLUS T/T 5,5 | 13,3 | 5,5 | Three-phase 3x400 | Three-phase 3x400 | YES | Surface pumps, 4" submersible pumps and 5" pumps with three-phase 400V motor and input current of up to 13,3 A | 1-13 | 4,6 | 32 |



Protection and control inverter control panel for "off-grid" (not connected to the electricity network) photovoltaic systems, for use with different types of pumping systems, from collection from the subsoil, to swimming pool circulation and filtering, to the transfer and accumulation of water from tanks and vessels.

Designed to be mainly powered by solar energy; however, in case of need powering from the electricity network or from a generator is also possible - using a manual selector switch, therefore also ensuring operation when solar energy is not available.

It's equipped with overcurrent, overvoltage, overtemperature, motor short circuit and dry run protection systems.

Level probes, a float and a flow switch may be connected to the control panel. The control panel is air-cooled by active fans.

When used in conjunction with pumps, it allows energy savings when compared with pumps without inverters, and also provides protection from hammering effects.

Two electric probes are supplied as standard.

Nominal power input voltage

VDC 420 V.

VAC 300 V.

Frequency 50 Hz - 60 Hz.

Maximum power of use

0,37-3 kWatt.

0,5-4 Hp.

Pump operating range

230 V pump power input:

pump on = above 290 Vdc / 206 Vac

pump off = below 190 Vdc / 135 Vac

115 V pump power input:

pump on = above 140 Vdc / 100 Vac

pump off = below 110 Vdc / 180 Vac

Ambient temperature operation limits +50°C.

Protection class IP 54

SUNDRIVER

TECHNICAL DATA

| MODEL | ELECTRICAL DATA | | | | | |
|----------------|-----------------------------|--------------------------|---------|------------|------|---------|
| | NETWORK VOLTAGE 50/60 HZ | PUMP VOLTAGE 50/60 HZ | SETUP | P2 NOMINAL | | In A |
| | | | | kW | HP | |
| SUNDRIVER 1/50 | 115-230 V M | 115 T | SETUP 1 | 0,37 | 0,5 | 4,7 |
| | | | SETUP 2 | 0,55 | 0,75 | 7,5 |
| | | | SETUP 3 | 0,75 | 1 | 9,1 |
| SUNDRIVER 2/50 | 230 V M | 230 T | SETUP 1 | 0,37 | 0,5 | 2,8 |
| | | | SETUP 2 | 0,55 | 0,75 | 3,8 |
| | | | SETUP 3 | 0,75 | 1 | 4,5 |
| SUNDRIVER 3/50 | 230 V M/T | 230 T | SETUP 1 | 1,1 | 1,5 | 6,2 |
| | | | SETUP 2 | 1,5 | 2 | 7,9 |
| SUNDRIVER 4/50 | 230 V T | 230 T | SETUP 1 | 2,2 | 3 | 10,4 |
| | | | SETUP 2 | 3 | 4 | 13,6 |



EBOX plus is an electronic control panel for the protection and automatic operation of one or two submersible pumps or pressurizing both single-phase and three-phase, installed in domestic, civil and industrial environments.

Nominal tension of power supply

EBOX plus 1x 230 V / 3 x 230 V - 3 x 400 V (automatic selection)

EBOX basic 1x 230 V

Frequency 50 - 60 Hz

Maximum use of power

EBOX plus 5,5 kWatt + 5,5 kWatt

EBOX basic 2,2 kWatt + 2,2 kWatt

Maximum use of current 12 A + 12 A

Starting capacitor

KIT supplied as an accessory

Limits of use ambient temperature

-10° C + 40° C

Limits of storage temperature

-25° C + 55° C

Relative humidity to the air 90% a 20° C

Max altitude max 1000 s.l.m.

Degree of protection IP 55

Reference standard for the construction of the panels EN 60335-1



EBOX plus D



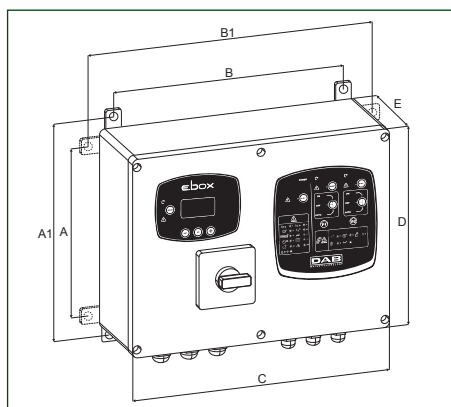
EBOX basic



TECHNICAL DATA

| MODEL | VOLTAGE 60 HZ | STARTING | P2 NOMINAL | | MAX CURRENT A | DISPLAY |
|---------------------------------------|------------------|----------|------------|-------|---------------------|---------|
| | | | kW x2 | HP x2 | | |
| EBOX BASIC 230/50-60 | 1X230V~ | DIRECT | 2,2 | 3 | 12+12 | |
| EBOX PLUS 230-400V/50-60 | 1X230V~ | DIRECT | 2,2 | 3 | 12+12 | |
| | 3X230V~ | | 3 | 4 | | |
| | 3X400V~ | | 5,5 | 7,5 | | |
| EBOX BASIC D 230/50-60 | 1X230V~ | DIRECT | 2,2 | 3 | 12+12 | • |
| EBOX PLUS D 230-400V/50-60 | 1X230V~ | DIRECT | 2,2 | 3 | 12+12 | • |
| | 3X230V~ | | 3 | 4 | | |
| | 3X400V~ | | 5,5 | 7,5 | | |

DIMENSIONS AND WEIGHTS



| MODEL | A | A1 | B | B1 | C | D | E | PACKING DIMENSIONS | | | WEIGHT Kg |
|-----------------------------------|-----|-----|-----|-----|-----|-----|-----|--------------------|-----|-----|--------------|
| | | | | | | | | L/A | L/B | H | |
| EBOX BASIC 230/50-60 | 212 | 265 | 282 | 337 | 320 | 260 | 120 | 250 | 430 | 310 | 4 |
| EBOX PLUS 230-400V/50-60 | 212 | 265 | 282 | 337 | 320 | 260 | 120 | 250 | 430 | 310 | 5 |
| EBOX BASIC D 230/50-60 | 212 | 265 | 282 | 337 | 320 | 260 | 120 | 250 | 430 | 310 | 4 |
| EBOX PLUS D 230-400V/50-60 | 212 | 265 | 282 | 337 | 320 | 260 | 120 | 250 | 430 | 310 | 5 |

SMART PRESS

ON/OFF CONTROLLER



SMART PRESS is an ON/OFF electronic device designed to switch the pump ON/OFF without using an expansion vessel. The device protects the pump against dry running without using level probes or float switch.

It has an adjustable cut-in pressure and even with a high flow the pressure losses are small. All the SMART PRESS models have a MANUAL AND AUTOMATIC RESTART.

SMART PRESS

TECHNICAL DATA

| MODEL | VOLTAGE 60 HZ | HP | SETTING PRESSURE BAR | DNA GAS | DNA NPT | DNM GAS | DNM NPT | WEIGHT Kg | Q.TY X PALLET |
|---|------------------|-----|----------------------------|------------|------------|------------|------------|--------------|---------------------|
| SMART PRESS WG 1,5 – AUTOM. RESET – WITHOUT CABLE | 1 x 230V | 1,5 | 1,5 | 1" M | | 1 1/4" F | | 1,3 | 100 |
| SMART PRESS WG 1,5 – AUTOM. RESET – WITH CABLE | 1 x 230V | 1,5 | 1,5 | 1" M | | 1 1/4" F | | 1,6 | 100 |
| SMART PRESS WG 3,0 – AUTOM. RESET – WITHOUT CABLE | 1 x 230V | 3 | 1,5 | 1" M | | 1 1/4" F | | 1,3 | 100 |
| SMART PRESS WG 3,0 – AUTOM. RESET – WITH CABLE | 1 x 230V | 3 | 1,5 | 1" M | | 1 1/4" F | | 1,6 | 100 |
| SMART PRESS WG 1,5 - AUTOM. RESET - 2,8 BAR - WITHOUT CABLE - NPT | 1 x 230V | 1,5 | 2,8 | | 1" M | | 1 1/4" F | 1,3 | 100 |
| SMART PRESS WG 3,0 - AUTOM. RESET - 2,8 BAR - WITH CABLE - NPT | 1 x 230V | 3 | 2,8 | | 1" M | | 1 1/4" F | 1,6 | 100 |
| SMART PRESS WG 1,5 – AUTOM. RESET – WITHOUT CABLE -NPT | 1 x 230V | 1,5 | 1,5 | | 1" M | | 1 1/4" F | 1,3 | 100 |
| SMART PRESS WG 1,5 – AUTOM. RESET – WITH CABLE - NPT | 1 x 230V | 1,5 | 1,5 | | 1" M | | 1 1/4" F | 1,6 | 100 |
| SMART PRESS WG 3,0 – AUTOM. RESET – WITHOUT CABLE - NPT | 1 x 230V | 3 | 1,5 | | 1" M | | 1 1/4" F | 1,3 | 100 |
| SMART PRESS WG 3,0 – AUTOM. RESET – WITH CABLE - NPT | 1 x 230V | 3 | 1,5 | | 1" M | | 1 1/4" F | 1,6 | 100 |
| SMART PRESS WG 1,5 – AUTOM. RESET – WITHOUT CABLE -NPT - 110V | 1 X 115V | 1,5 | 1,5 | | 1" M | | 1 1/4" F | 1,3 | 100 |
| SMART PRESS WG 1,5 – AUTOM. RESET – WITH CABLE - NPT-110V | 1 X 115V | 1,5 | 1,5 | | 1" M | | 1 1/4" F | 1,6 | 100 |

ACCESSORIES FOR COMMAND AND CONTROL SYSTEM

DCONNECT

COMMAND AND
CONTROL SYSTEMS

CIRCULATORS AND
IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL
AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND
SALT WATER PUMPS

CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS
AND SUBMERSIBLE MOTORS

PRESSURE UNITS

INVERTER ACCESSORIES




NOTES FOR PER MCE/C INSTALLATION

| SINGLE INSTALLATION (Accessories to order) | MULTIPLE INSTALLATION (Accessories to order) |
|---|---|
| - differential sensor | - differential sensor - connection cable |

NOTES FOR ADAC AND MCE/P INSTALLATION


| SINGLE INSTALLATION (Accessories to order) | MULTIPLE INSTALLATION FROM 2 UP TO 8 INVERTER (Accessories to order) |
|---|---|
| - pressure sensor OPTIONAL: flow sensor, flow sensor bracket, flow sensor cable. | - pressure sensor - connection cable (number as necessary to connect all inverters installed; e.g. for 8 inverters order 7 connection cables). |






IMPORTANT: optionally more than one pressure sensor can be fitted (min. 1 per inverter, max. 1 per inverter). Optional: flow sensor, flow sensor bracket, flow sensor cable.
IMPORTANT: just 1 flow sensor can be fitted on the outlet manifold or 1 flow sensor on the outlet of each pump.

| PRESSURE SENSOR | DESCRIPTION | MCE/C | ADAC | MCE/P | EBOX |
|---|---|-------|------|-------|------|
|  | DIFFER. SENSOR 4BAR HUBA (C) | • | | | |
| | DIFFER. SENSOR 10BAR HUBA (C) | • | | | |
|  | PRESS. SENSOR 25 BAR COMPL. WITH CABLE (2 MT.) | | • | • | |
| | PRESS. SENSOR 25 BAR COMPL. WITH CABLE (4 MT.) | | • | • | |
|  | PRESS. SENSOR. 4-20 MA - 25 BAR WITH CABLE (1,5 MT) | | • | • | |

| FLOW SWITCH | DESCRIPTION | MCE/C | ADAC | MCE/P | EBOX |
|---|----------------|-------|------|-------|------|
|  | 1" FLOW SWITCH | | | | |

INVERTER ACCESSORIES

| FLOW SENSOR | DESCRIPTION | MCE/C | ADAC | MCE/P | EBOX |
|---|-------------------|-------|------|-------|------|
|  | FLOW SENSOR F3H13 | | • | • | |
| | FLOW SENSOR F3H15 | | • | • | |

| CABLE | DESCRIPTION | MCE/C | ADAC | MCE/P | EBOX |
|---|--------------------------------|-------|------|-------|------|
|  | PRESSURE SENSOR CABLE MCE 1 MT | • | | | |
| | PRESSURE SENSOR CABLE MCE 2 MT | • | | | |
|  | PRESSURE SENSOR CABLE 4 MT. | | • | • | |
| | PRESSURE SENSOR CABLE 10 MT. | | • | • | |
| | PRESSURE SENSOR CABLE 32 MT. | | • | | |
| | PRESSURE SENSOR CABLE 49 MT. | | • | | |
| | PRESSURE SENSOR CABLE 99 MT. | | • | | |
|  | FLOW SENS. CABLE 2 MT. | | • | • | |
| | FLOW SENS. CABLE 4 MT. | | • | • | |
| | FLOW SENS. CABLE 10 MT. | | • | • | |
| | FLOW SENS. CABLE 32 MT. | | • | | |
| | FLOW SENS. CABLE 49 MT. | | • | | |
| | FLOW SENS. CABLE 99 MT. | | • | | |
|  | CABLE FOR ADAC CONNECTION | | • | | |
|  | CABLE X MCE TWIN CONNECT | • | | • | |

DCCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS


CENTRIFUGAL PUMPS



SUBMERSIBLE PUMPS


SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS


PRESSURE UNITS

INVERTER ACCESSORIES

| FLANGE FOR FLOW SENSOR | DESCRIPTION | MCE/C | ADAC | MCE/P | EBOX |
|---|--|-------|------|-------|------|
|  | MOUNT. FLANGE FOR FLOW SENS. F3H13 PLAST. PIPE 2" (63 MM.) | | • | • | |
| | MOUNT. FLANGE FOR FLOW SENS. F3H13 PLAST. PIPE 2" 1/2(75MM.) | | • | • | |
| | MOUNT. FLANGE FOR FLOW SENS. F3H13 PLAST. PIPE 3" (90 MM.) | | • | • | |
| | MOUNT. FLANGE FOR FLOW SENS. F3H13 PLAST. PIPE 4" (110 MM.) | | • | • | |
| | MOUNT. FLANGE FOR FLOW SENS. F3H13 PLAST. PIPE 6" (160 MM.) | | • | • | |
| | MOUNT. FLANGE FOR FLOW SENS. F3H13 MET. PIPE 2" (60 MM.) | | • | • | |
| | MOUNT. FLANGE FOR FLOW SENS. F3H13 MET. PIPE 3" (88.9 MM.) | | • | • | |
| | MOUNT. FLANGE FOR FLOW SENS. F3H13 MET. PIPE 4" (114.3 MM.) | | • | • | |
| | MOUNT. FLANGE FOR FLOW SENS. F3H13 MET. PIPE 6" (168.3 MM.) | | • | • | |
| | MOUNT. FLANGE FOR FLOW SENS. F3H13 MET. PIPE 8" (219.1 MM.) | | • | • | |

| FLOATS | DESCRIPTION | MCE/C | ADAC | MCE/P | EBOX |
|---|-------------|-----------------|------|-------|------|
|  | FLOAT KEY | 5 meters cable | | | • |
| | | 10 meters cable | | | • |
| | | 15 meters cable | | | • |
| | | 20 meters cable | | | • |
|  | BULB-FLOAT | 10 meters | | | • |
| | | 20 meters | | | • |

| LEVEL TRANSDUCER | DESCRIPTION | MCE/C | ADAC | MCE/P | EBOX |
|---|---|-------|------|-------|------|
|  | PRESSURE TRASDUCER 0-5 MT- CABLE 20 MT. FOR E-BOX | | | | • |

| LEVEL PROBE | DESCRIPTION | MCE/C | ADAC | MCE/P | EBOX |
|---|---|-------|------|-------|------|
|  | COMPLETE - ELECTRODE PROBE Suitable for conductive liquids with a maximum temperature of +40°C To be connected with a 1,5 mm ² cable - 550V insulation Sensibility ≤ 53 Kohm | | | | • |

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL - POND AND SALT WATER PUMPS

CENTRIFUGAL PUMPS


SUBMERSIBLE PUMPS


SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS


PRESSURE UNITS

INVERTER ACCESSORIES

| PRESSURE SWITCH | DESCRIPTION | MCE/C | ADAC | MCE/P | EBOX |
|---|--|-------|------|-------|------|
|  | PRESSURE SWITCH FOR PROTECTION AGAINST DRY RUNNING | | | | • |

| KIT CAPACITOR | DESCRIPTION | MCE/C | ADAC | MCE/P | EBOX |
|---|--------------------|-------|------|-------|------|
|  | KIT CAPACITOR 40UF | | | | • |
| | KIT CAPACITOR 30UF | | | | • |
| | KIT CAPACITOR 20UF | | | | • |

| ALARM | DESCRIPTION | MCE/C | ADAC | MCE/P | EBOX |
|---|----------------------------|-------|------|-------|------|
|  | FLASCHING 230V 5W 50/60 HZ | | | | • |

| PRESSURE SENSOR | DESCRIPTION | MCE/C | ADAC | MCE/P | EBOX |
|---|--|-------|------|-------|------|
|  | PRESS. TRAS. 16 BAR (EBOX for pressurization use) | | | | • |

DCONNECT

COMMAND AND CONTROL SYSTEMS

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MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

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EVOSTA 2
WET ROTOR ELECTRONIC CIRCULATORS



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ALME / ALPE
ELECTRONICS IN-LINE PUMPS



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EVOSTA 3
WET ROTOR ELECTRONIC CIRCULATORS



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KLME / KLPE / DKLME / DKLPE
ELECTRONICS IN-LINE PUMPS



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EVOSTA 2 SOL
WET ROTOR ELECTRONIC CIRCULATORS



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CME / CM-GE / DCME / DCM-GE
ELECTRONICS IN-LINE PUMPS



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EVOSTA 2 SAN V/R
WET ROTOR ELECTRONIC CIRCULATORS

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CPE / CP-GE / DCPE / DCP-GE
ELECTRONICS IN-LINE PUMPS



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EVOSTA 2 SAN
WET ROTOR ELECTRONIC CIRCULATORS

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ALM / ALP
IN-LINE PUMPS

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EVOPLUS SMALL
ELECTRONIC CIRCULATORS
FOR SMALL COMMUNITY HEATING



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KLM / KLP / DKLM / DKLP
IN-LINE PUMPS

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EVOPLUS
ELECTRONIC CIRCULATORS
FOR HEATING AND
AIR-CONDITIONING SYSTEMS



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CM / CM-G / DCM / DCM-G
IN-LINE PUMPS

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VA
WET ROTOR CIRCULATORS

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CP / CP-G / DCP / DCP-G
IN-LINE PUMPS

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A
WET ROTOR CIRCULATORS

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K-HA
CENTRIFUGAL PRESSURE BOOSTING PUMPS

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VS
WET ROTOR CIRCULATORS

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EBOX
CONTROL PANEL

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BMH / BPH / DMH / DPH
WET ROTOR CIRCULATORS

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ACCESSORIES

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EVOSTA 2

WET ROTOR ELECTRONIC CIRCULATORS



EVOSTA 2



Evosta 2 by DAB is a wet rotor electronic circulator designed for the recirculation of water in domestic and residential heating and air conditioning systems. Evosta 2 has a permanent magnet synchronous motor and inverter electronics that automatically adapt performance to system requirements, ensuring energy savings and protection from hammering effects. With its compact size and all-round performance, it's the perfect replacement of old three-speed circulators. It combines the strength of the mechanical circulator with the benefits of the electronic one. Its configuration is very simple: a sequential key can be used to scroll through the nine operating modes, three with proportional pressure, three with constant pressure and three with constant speed. All the models have a breather plug and allow manual release of the motor shaft. Threaded suction and delivery ports. Technopolymer impeller. Cataphoretic paint coated cast iron body, stainless steel motor casing. Water resistant electronics with IPX5 protection class.

Operating range

0,4-3,6 m³/h with head up to 6,9 metres

Pumped liquid temperature range

from -10 °C to +110°C

Working pressure 10 bar (1000 kPa)

Protection class IP X5

Insulation class F

Installation with horizontal motor axis

Standard power input

single-phase 1x230 V~ 50/60 Hz

Pumped liquid Clean, free of solids and mineral oils, non-viscous, chemically neutral, with properties similar to water (glycol max 30%).

TECHNICAL DATA

| MODEL | CENTRE DISTANCE mm | PUMP CONNECTIONS | ELECTRICAL DATA | | | HYDRAULIC DATA | | | | | | | | | | | EEI | WEIGHT KG | Q.TY x PALLET |
|--------------------------|-----------------------|--------------------------|------------------|-------------|--------------|---------------------|-----|-----|-----|-----|-----|-----|-----|---------|--------|------|-----|--------------|---------------------|
| | | | VOLTAGE 60 Hz | P1 MAX W | In A | Q=m ³ /h | | | | | | | | | | | | | |
| | | | | | | 0,0 | 0,3 | 0,6 | 0,9 | 1,8 | 2,4 | 3,0 | 3,6 | Q=l/min | 0 | 5 | | | |
| EVOSTA2 40-70/130 (1/2") | 130 | DN15 THREADED (G 1") | 1x230V ~ | 35 | 0,043 - 0,32 | H (m) | 6,9 | 6,9 | 5,8 | 5,1 | 3,4 | 2,4 | 1,6 | 0,8 | ≤ 0,18 | 1,86 | 276 | | |
| EVOSTA2 40-70/130 (1") | 130 | DN25 THREADED (G 1" 1/2) | 1x230V ~ | 35 | 0,043 - 0,32 | | 6,9 | 6,9 | 5,8 | 5,1 | 3,4 | 2,4 | 1,6 | 0,8 | ≤ 0,18 | 2,02 | 276 | | |
| EVOSTA2 40-70/180 (1") | 180 | DN25 THREADED (G 1" 1/2) | 1x230V ~ | 35 | 0,043 - 0,32 | | 6,9 | 6,9 | 5,8 | 5,1 | 3,4 | 2,4 | 1,6 | 0,8 | ≤ 0,18 | 2,19 | 198 | | |

EVOSTA 3

WET ROTOR ELECTRONIC CIRCULATORS



EVOSTA 3



Evosta 3 by DAB is a wet rotor electronic circulator designed for the recirculation of water in domestic and residential heating and air conditioning systems.

It's the first circulator with IPX5 protection class. It has a permanent magnet synchronous motor and inverter electronics that automatically adapt performance to system requirements, ensuring energy savings and protection from hammering effects.

Its configuration is very simple: a sequential key can be used to scroll through the nine operating modes, three with proportional pressure, three with constant pressure and three with constant curve.

All the models have a breather plug, automatic degassing function and allow manual release of the motor shaft. Threaded suction and delivery ports. Technopolymer impeller. Insulation casings included. Cathaphoretic paint coated cast iron body, stainless steel motor casing.

Evosta 3 has a screen for the display of the height of the selected curve in metres, instantaneous power absorption in watts, instantaneous head and instantaneous flow rate. Thanks to the new standard interchangeable plug, Evosta 3 can be used with connectors of other brands without the need to redo the electrical connections.

Operating range

0,4-4,2 m³/h with head up to 8+ metres

Pumped liquid temperature range
from -10 °C to +110°C

Working pressure 10 bar (1000 kPa)

Protection class IP X5

Insulation class F

Installation with horizontal motor axis

Standard power input
single-phase 1x230 V~ 50/60 Hz

Pumped liquid Clean, free of solids and mineral oils, non-viscous, chemically neutral, with properties similar to water (glycol max 30%)

TECHNICAL DATA

| MODEL | CENTRE DISTANCE mm | PUMP CONNECTIONS | ELECTRICAL DATA | | | HYDRAULIC DATA | | | | | | | | EEI | WEIGHT KG | Q.TY x PALLET |
|-------------------------|--------------------|----------------------------|-----------------|----------|--------------|---------------------|-----|-----|-----|-----|-----|-----|-----|-------|-----------|---------------|
| | | | VOLTAGE 60 Hz | P1 MAX W | In A | Q=m ³ /h | | | | | | | | | | |
| | | | | | | 0 | 0,4 | 0,6 | 0,9 | 1,2 | 1,8 | 2,1 | 2,9 | | | |
| EVOSTA3 40/130 (1") | 130 | DN25 THREADED (G - 1" 1/2) | 1x230 V~ | 20 | 0,034 - 0,18 | 4,0 | 4,0 | 3,5 | 2,9 | 2,5 | 1,7 | 1,3 | 0,5 | ≤0,17 | 2,05 | 168 |
| EVOSTA3 40/180 (1") | 180 | DN25 THREADED (G - 1" 1/2) | 1x230 V~ | 20 | 0,034 - 0,18 | 4,0 | 4,0 | 3,5 | 2,9 | 2,5 | 1,7 | 1,3 | 0,5 | ≤0,17 | 2,22 | 168 |
| EVOSTA3 40/180X (1"1/4) | 180 | DN32 THREADED (G - 2") | 1x230 V~ | 20 | 0,034 - 0,18 | 4,0 | 4,0 | 3,5 | 2,9 | 2,5 | 1,7 | 1,3 | 0,5 | ≤0,17 | 2,38 | 168 |

| MODEL | CENTRE DISTANCE mm | PUMP CONNECTIONS | ELECTRICAL DATA | | | HYDRAULIC DATA | | | | | | | | EEI | WEIGHT KG | Q.TY x PALLET |
|-------------------------|--------------------|----------------------------|-----------------|----------|--------------|---------------------|-----|-----|-----|-----|-----|-----|-----|-------|-----------|---------------|
| | | | VOLTAGE 60 Hz | P1 MAX W | In A | Q=m ³ /h | | | | | | | | | | |
| | | | | | | 0 | 0,6 | 0,9 | 1,2 | 1,5 | 2,1 | 2,4 | 3,0 | | | |
| EVOSTA3 60/130 (1") | 130 | DN25 THREADED (G - 1" 1/2) | 1x230 V~ | 35 | 0,042 - 0,33 | 6,0 | 6,0 | 4,4 | 3,8 | 2,8 | 2,3 | 1,5 | 0,7 | ≤0,18 | 2,05 | 168 |
| EVOSTA3 60/180 (1") | 180 | DN25 THREADED (G - 1" 1/2) | 1x230 V~ | 35 | 0,042 - 0,33 | 6,0 | 6,0 | 4,4 | 3,8 | 2,8 | 2,3 | 1,5 | 0,7 | ≤0,18 | 2,22 | 168 |
| EVOSTA3 60/180X (1"1/4) | 180 | DN32 THREADED (G - 2") | 1x230 V~ | 35 | 0,042 - 0,33 | 6,0 | 6,0 | 4,4 | 3,8 | 2,8 | 2,3 | 1,5 | 0,7 | ≤0,18 | 2,38 | 168 |

| MODEL | CENTRE DISTANCE mm | PUMP CONNECTIONS | ELECTRICAL DATA | | | HYDRAULIC DATA | | | | | | | | EEI | WEIGHT KG | Q.TY x PALLET |
|-------------------------|--------------------|----------------------------|-----------------|----------|--------------|---------------------|-----|-----|-----|-----|-----|-----|-----|-------|-----------|---------------|
| | | | VOLTAGE 60 Hz | P1 MAX W | In A | Q=m ³ /h | | | | | | | | | | |
| | | | | | | 0 | 0,6 | 0,9 | 1,2 | 2,7 | 3,3 | 3,9 | 4,2 | | | |
| EVOSTA3 80/130 (1") | 130 | DN25 THREADED (G - 1" 1/2) | 1x230 V~ | 55 | 0,053 - 0,47 | 8,0 | 8,0 | 7,2 | 6,5 | 3,7 | 2,6 | 1,6 | 1,0 | ≤0,19 | 2,05 | 168 |
| EVOSTA3 80/180 (1") | 180 | DN25 THREADED (G - 1" 1/2) | 1x230 V~ | 55 | 0,053 - 0,47 | 8,0 | 8,0 | 7,2 | 6,5 | 3,7 | 2,6 | 1,6 | 1,0 | ≤0,19 | 2,22 | 168 |
| EVOSTA3 80/180X (1"1/4) | 180 | DN32 THREADED (G - 2") | 1x230 V~ | 55 | 0,053 - 0,47 | 8,0 | 8,0 | 7,2 | 6,5 | 3,7 | 2,6 | 1,6 | 1,0 | ≤0,19 | 2,38 | 168 |

DCONNECT
 COMMAND AND CONTROL SYSTEMS
 CIRCULATORS AND IN-LINE PUMPS
 MULTIPURPOSE CENTRIFUGAL AND SELF-PRIMING PUMPS
 SWIMMING POOL, POND AND SALT WATER PUMPS
 CENTRIFUGAL PUMPS
 SUBMERSIBLE PUMPS
 SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS
 PRESSURE UNITS

EVOSTA 2 SOL

WET ROTOR ELECTRONIC CIRCULATORS



Evosta 2 Sol by DAB is a wet rotor electronic circulator designed for the recirculation of water in domestic and residential thermal solar panel heating and air conditioning systems.

It has a permanent magnet synchronous motor and inverter electronics that automatically adapt performance to system requirements, ensuring energy savings and protection from hammering effects.

Its configuration is very simple: a sequential key can be used to scroll through the operating modes.

All the models have a breather plug and allow manual release of the motor shaft. Threaded suction and delivery ports.

Technopolymer impeller. Cataphoretic paint coated cast iron body, stainless steel motor casing.

A version controlled by PWM external signal (1.5 m plug cable) is also available. 1.5 m molex plug power cable.

Operating range

0-4 m³/h with head up to 14,5 metres

Pumped liquid temperature range

from -10 °C to +110 °C. (130 °C to 60 °C ambient)

Working pressure

10 bar (1000 kPa)

Protection class

IPX4

Insulation class

F

Installation

with horizontal motor axis

Standard power input

single-phase 1x115-230 V ~ 50/60 Hz

Power input connection

molex plug with 1.5m cable

Pwm signal connector

plug with 1.5m cable (OEM versions only)

Pumped liquid

Clean, free of solids and mineral oils, non-viscous, chemically neutral, with properties similar to water (glycol max 50%)

EVOSTA 2

TECHNICAL DATA

| MODEL | CENTRE DISTANCE mm | PUMP CONNECTIONS | ELECTRICAL DATA | | | HYDRAULIC DATA | | | | | | | | | | EEI | WEIGHT KG | Q.TY x PALLET | | |
|-------------------------------|--------------------|--------------------------|-----------------|----------|-----------|---------------------|------|---------|-----|-----|-----|-----|-----|--------|--------|------|-----------|---------------|--|--|
| | | | VOLTAGE 60 Hz | P1 MAX W | In A | Q=m ³ /h | | Q=l/min | | | | | | | | | | | | |
| | | | | | | 0 | 8 | 0,5 | 1 | 1,5 | 2 | 2,5 | 3 | 3,5 | 4 | | | | | |
| EVOSTA2 20-75/130 SOL (1/2") | 130 | DN15 THREADED (G 1") | 1x230 V ~ | 47 | 0,07-0,4 | 7,5 | 7,5 | 6,2 | 5,1 | 4,2 | 3,4 | 2,5 | 1,7 | 0,9 | ≤ 0,20 | 1,91 | 198 | | | |
| EVOSTA2 20-105/130 SOL (1/2") | 130 | DN15 THREADED (G 1") | 1x230 V ~ | 48 | 0,055-0,4 | 10,5 | 9 | 6,8 | 5,4 | 4,1 | 3,2 | 2 | 0,8 | ≤ 0,20 | 1,91 | 198 | | | | |
| EVOSTA2 30-145/130 SOL (1/2") | 130 | DN15 THREADED (G 1") | 1x230 V ~ | 59 | 0,07-0,5 | 14,3 | 10,2 | 8,2 | 6,2 | 5 | 3,8 | 2,2 | 1,2 | ≤ 0,20 | 1,91 | 198 | | | | |
| EVOSTA2 20-75/130 SOL (1") | 130 | DN25 THREADED (G 1" 1/2) | 1x230 V ~ | 47 | 0,07-0,4 | 7,5 | 7,5 | 6,2 | 5,1 | 4,2 | 3,4 | 2,5 | 1,7 | 0,9 | ≤ 0,20 | 2,07 | 198 | | | |
| EVOSTA2 20-75/180 SOL (1") | 180 | DN25 THREADED (G 1" 1/2) | 1x230 V ~ | 47 | 0,07-0,4 | 7,5 | 7,5 | 6,2 | 5,1 | 4,2 | 3,4 | 2,5 | 1,7 | 0,9 | ≤ 0,20 | 2,24 | 198 | | | |
| EVOSTA2 20-105/130 SOL (1") | 130 | DN25 THREADED (G 1" 1/2) | 1x230 V ~ | 48 | 0,055-0,4 | 10,5 | 9 | 6,8 | 5,4 | 4,1 | 3,2 | 2 | 0,8 | ≤ 0,20 | 2,07 | 198 | | | | |
| EVOSTA2 20-105/180 SOL (1") | 180 | DN25 THREADED (G 1" 1/2) | 1x230 V ~ | 48 | 0,055-0,4 | 10,5 | 9 | 6,8 | 5,4 | 4,1 | 3,2 | 2 | 0,8 | ≤ 0,20 | 2,24 | 198 | | | | |
| EVOSTA2 30-145/130 SOL (1") | 130 | DN25 THREADED (G 1" 1/2) | 1x230 V ~ | 59 | 0,07-0,5 | 14,3 | 10,2 | 8,2 | 6,2 | 5 | 3,8 | 2,2 | 1,2 | ≤ 0,20 | 2,07 | 198 | | | | |
| EVOSTA2 30-145/180 SOL (1") | 180 | DN25 THREADED (G 1" 1/2) | 1x230 V ~ | 59 | 0,07-0,5 | 14,3 | 10,2 | 8,2 | 6,2 | 5 | 3,8 | 2,2 | 1,2 | ≤ 0,20 | 2,24 | 198 | | | | |

| MODEL | CENTRE DISTANCE mm | PUMP CONNECTIONS | ELECTRICAL DATA | | | HYDRAULIC DATA | | | | | | | | | | EEI | WEIGHT KG | Q.TY x PALLET | | |
|-----------------------------------|--------------------|--------------------------|-----------------|----------|-----------|---------------------|------|---------|-----|-----|-----|-----|-----|--------|--------|------|-----------|---------------|--|--|
| | | | VOLTAGE 60 Hz | P1 MAX W | In A | Q=m ³ /h | | Q=l/min | | | | | | | | | | | | |
| | | | | | | 0 | 8 | 0,5 | 1 | 1,5 | 2 | 2,5 | 3 | 3,5 | 4 | | | | | |
| EVOSTA2 20-75/130 SOL PWM (1/2") | 130 | DN15 THREADED (G 1") | 1x230 V ~ | 47 | 0,07-0,4 | 7,5 | 7,5 | 6,2 | 5,1 | 4,2 | 3,4 | 2,5 | 1,7 | 0,9 | ≤ 0,20 | 1,96 | 198 | | | |
| EVOSTA2 20-105/130 SOL PWM (1/2") | 130 | DN15 THREADED (G 1") | 1x230 V ~ | 48 | 0,055-0,4 | 10,5 | 9 | 6,8 | 5,4 | 4,1 | 3,2 | 2 | 0,8 | ≤ 0,20 | 1,96 | 198 | | | | |
| EVOSTA2 30-145/130 SOL PWM (1/2") | 130 | DN15 THREADED (G 1") | 1x230 V ~ | 59 | 0,07-0,5 | 14,3 | 10,2 | 8,2 | 6,2 | 5 | 3,8 | 2,2 | 1,2 | ≤ 0,20 | 1,96 | 198 | | | | |
| EVOSTA2 20-75/130 SOL PWM (1") | 130 | DN25 THREADED (G 1" 1/2) | 1x230 V ~ | 47 | 0,07-0,4 | 7,5 | 7,5 | 6,2 | 5,1 | 4,2 | 3,4 | 2,5 | 1,7 | 0,9 | ≤ 0,20 | 2,12 | 198 | | | |
| EVOSTA2 20-75/180 SOL PWM (1") | 180 | DN25 THREADED (G 1" 1/2) | 1x230 V ~ | 47 | 0,07-0,4 | 7,5 | 7,5 | 6,2 | 5,1 | 4,2 | 3,4 | 2,5 | 1,7 | 0,9 | ≤ 0,20 | 2,29 | 198 | | | |
| EVOSTA2 20-105/130 SOL PWM (1") | 130 | DN25 THREADED (G 1" 1/2) | 1x230 V ~ | 48 | 0,055-0,4 | 10,5 | 9 | 6,8 | 5,4 | 4,1 | 3,2 | 2 | 0,8 | ≤ 0,20 | 2,12 | 198 | | | | |
| EVOSTA2 20-105/180 SOL PWM (1") | 180 | DN25 THREADED (G 1" 1/2) | 1x230 V ~ | 48 | 0,055-0,4 | 10,5 | 9 | 6,8 | 5,4 | 4,1 | 3,2 | 2 | 0,8 | ≤ 0,20 | 2,29 | 198 | | | | |
| EVOSTA2 30-145/130 SOL PWM (1") | 130 | DN25 THREADED (G 1" 1/2) | 1x230 V ~ | 59 | 0,07-0,5 | 14,3 | 10,2 | 8,2 | 6,2 | 5 | 3,8 | 2,2 | 1,2 | ≤ 0,20 | 2,12 | 198 | | | | |
| EVOSTA2 30-145/180 SOL PWM (1") | 180 | DN25 THREADED (G 1" 1/2) | 1x230 V ~ | 59 | 0,07-0,5 | 14,3 | 10,2 | 8,2 | 6,2 | 5 | 3,8 | 2,2 | 1,2 | ≤ 0,20 | 2,29 | 198 | | | | |



EVOSTA 2 SAN V/R WET ROTOR ELECTRONIC CIRCULATORS



EVOSTA 2

CE Evosta 2 San by DAB is a wet rotor circulator designed for the recirculation of domestic hot water in small domestic and residential systems. Synchronous motor. Threaded suction and delivery ports. Brass pump body. V versions with fittings with built-in check valve and on-off ball valve; R versions with threads and without check valve and on-off ball valve. Significant energy savings: circulator consumption 7 W only.

Operating range

0-0,6 m³/h with head up to 1,1 m

Pumped liquid temperature range
from +2 °C to +75°C

Working pressure 10 bar (1000 kPa)

Protection class IP 42

Insulation class II

Installation

with horizontal motor axis

Standard power input

single-phase 1x115-230 V~ 50/60 Hz

Pumped liquid Clean, free of solids and mineral oils, non-viscous, chemically neutral, with properties similar to water (glycol max 30%)

TECHNICAL DATA

| MODEL | CENTRE DISTANCE mm | PUMP CONNECTIONS | ELECTRICAL DATA | | | HYDRAULIC DATA | | | | | | | WEIGHT KG | Q.TY x PALLET | |
|------------------------------|--------------------|------------------------|------------------|----------|------|---------------------|-----|------|------|------|------|------|-----------|---------------|-----|
| | | | VOLTAGE 60 Hz | P1 MAX W | In A | Q=m ³ /h | 0 | 0,1 | 0,2 | 0,3 | 0,4 | 0,5 | | | 0,6 |
| EVOSTA2 11/85 SAN R1/2"CIRC. | 85 | INTERNAL THREAD G 1/2" | 1x115-230V~60 Hz | 7 | 0,07 | H (m) | 1,1 | 1 | 0,87 | 0,73 | 0,58 | 0,4 | 0,23 | 1,26 | 200 |
| EVOSTA2 11/139 SAN V CIRC. | 139 | EXTERNAL THREAD G 1" | 1x115-230V~60 Hz | 7 | 0,07 | | 1,1 | 0,93 | 0,76 | 0,59 | 0,4 | 0,23 | 0,7 | 1,06 | 200 |

EVOSTA 2 SAN WET ROTOR ELECTRONIC CIRCULATORS



EVOSTA 2

CE Evosta 2 San by DAB is a wet rotor electronic circulator designed for the recirculation of domestic hot water in domestic and residential systems. It has a permanent magnet synchronous motor and inverter electronics that automatically adapt performance to system requirements, ensuring energy savings and protection from hammering effects. Its configuration is very simple: a sequential key can be used to scroll through the nine operating modes, three with proportional pressure, three with constant pressure and three with constant speed curve. All the models have a brass breather plug and allow manual release of the motor shaft. Threaded suction and delivery ports. Brass pump body. Electronics protected from water infiltrations; IPX5 protection class. No overload protection required.

Operating range

0,4-4,2 m³/h with head up to 8 m

Pumped liquid temperature range
from -10 °C to +110°C

Working pressure 10 bar (1000 kPa)

Protection class IP X5

Insulation class F

Installation

with horizontal motor axis

Standard power input

single-phase 1x230 V~ 50/60 Hz

Pumped liquid Clean, free of solids and mineral oils, non-viscous, chemically neutral, with properties similar to water (glycol max 30%)

TECHNICAL DATA

| MODEL | CENTRE DISTANCE mm | PUMP CONNECTIONS | ELECTRICAL DATA | | | HYDRAULIC DATA | | | | | | | WEIGHT KG | Q.TY x PALLET | |
|----------------------------|--------------------|------------------------|-----------------|----------|------------|---------------------|-----|-----|-----|-----|-----|-----|-----------|---------------|-----|
| | | | VOLTAGE 60 Hz | P1 MAX W | In A | Q=m ³ /h | 0,0 | 0,9 | 1,8 | 2,4 | 3,0 | 3,6 | | | 4,2 |
| EVOSTA2 40-70/150 SAN (1") | 150 | DN25 THREADED (G 1" ½) | 1x230V~ | 35 | 0,043-0,32 | H (m) | 6,9 | 5,1 | 3,4 | 2,4 | 1,6 | 0,8 | | 2,16 | 198 |
| EVOSTA2 80/150 SAN (1") | 150 | DN25 THREADED (G 1" ½) | 1x230V~ | 55 | 0,053-0,47 | | 8 | 7,2 | 5,4 | 4,2 | 3,2 | 2,1 | 1 | 2,16 | 198 |

EVOSTA

WET ROTOR ELECTRONIC CIRCULATORS

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

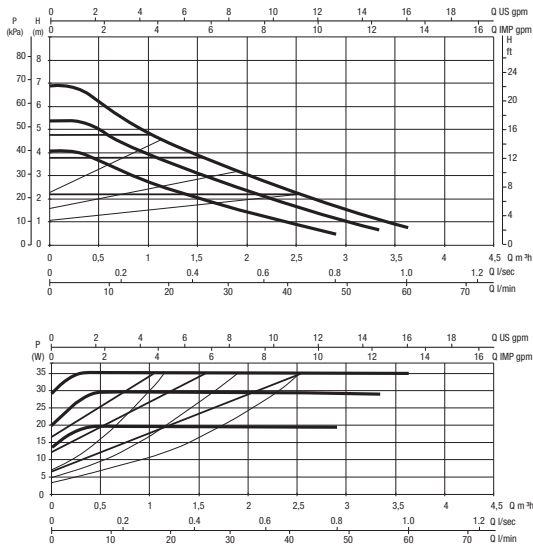
CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

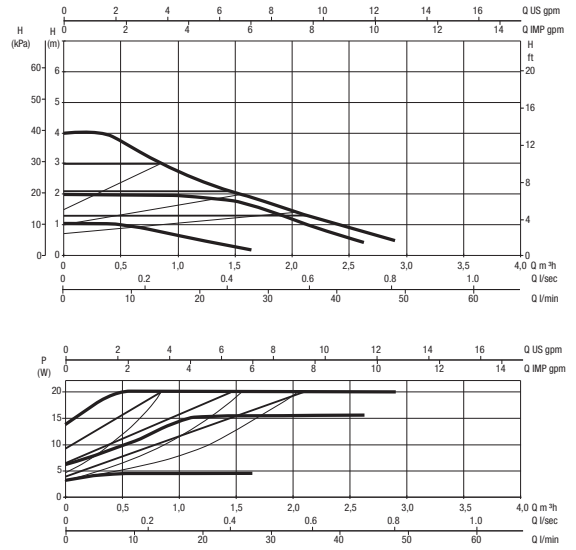
SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

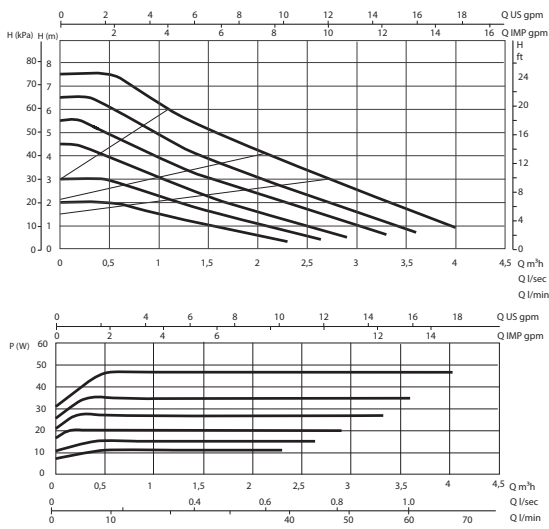
EVOSTA 2



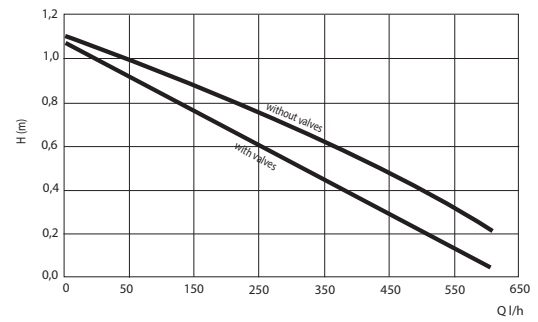
EVOSTA 3



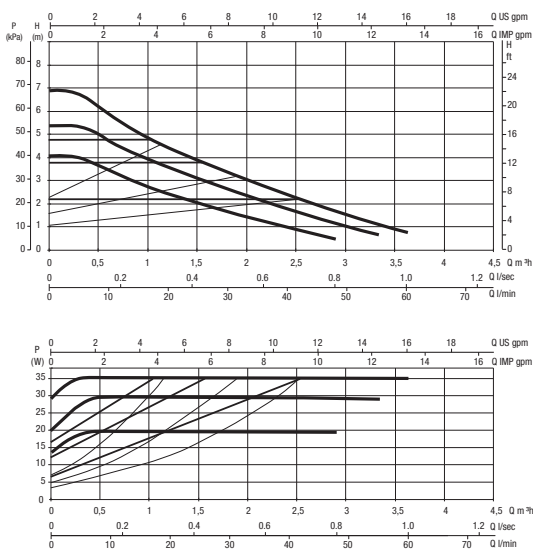
EVOSTA 2 SOL



EVOSTA 2 SAN V/R

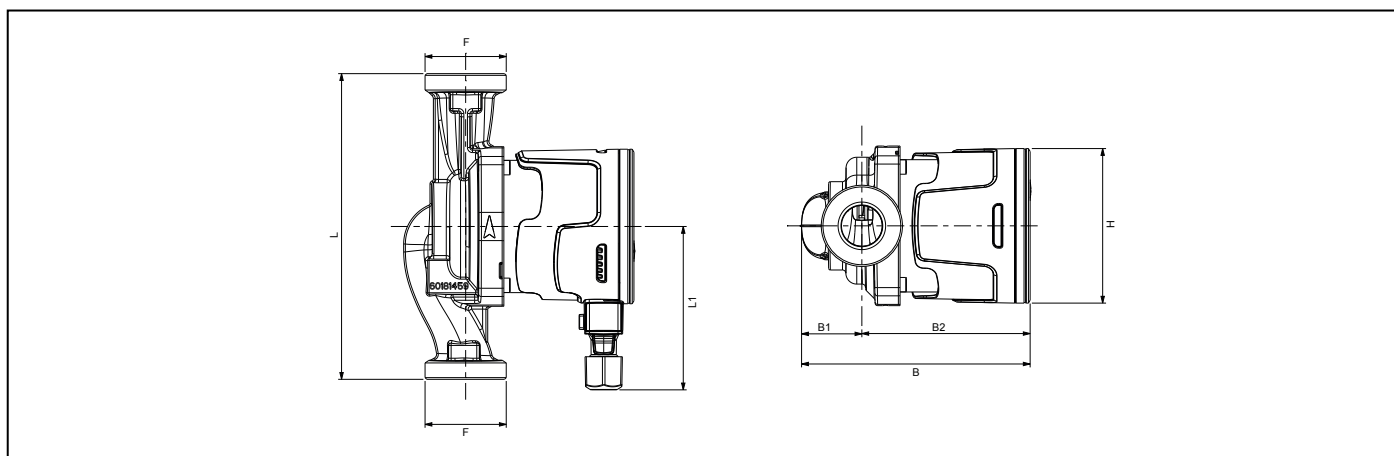


EVOSTA 2 SAN



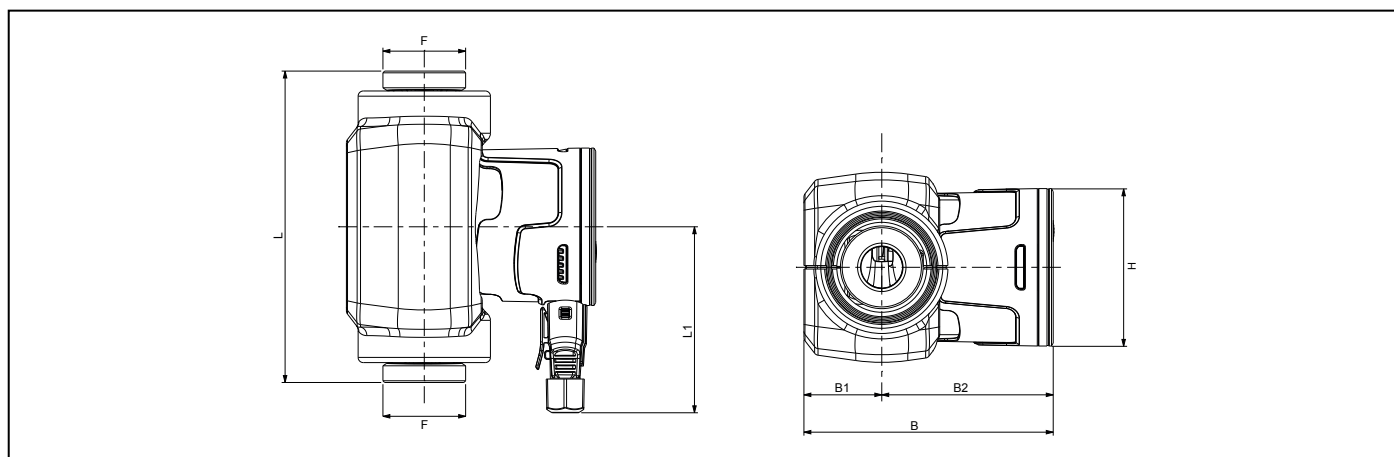
The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

DIMENSIONS AND WEIGHTS - EVOSTA 2



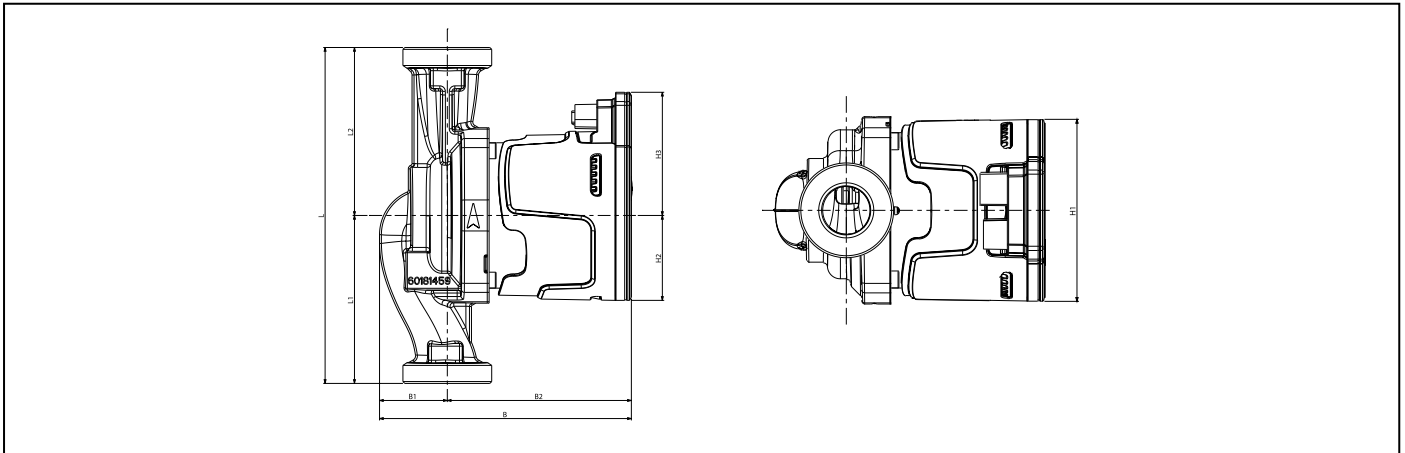
| MODEL | L | L1 | B | B1 | B2 | H | F | PACKAGING DIMENSIONS | | | VOLUME m ³ | WEIGHT Kg |
|------------------------------|-----|----|-----|----|------|----|------|----------------------|----|-----|--------------------------|--------------|
| | | | | | | | | L | B | H | | |
| EVOSTA 2 40-70/130 (1") | 130 | 96 | 135 | 36 | 99.1 | 91 | 1" ½ | 142 | 99 | 150 | 0,0021 | 2,02 |
| EVOSTA 2 40-70/130 (1/2") | 130 | 96 | 135 | 36 | 99.1 | 91 | 1" | 142 | 99 | 150 | 0,0021 | 1,86 |
| EVOSTA 2 40-70/180 (1") | 180 | 96 | 135 | 36 | 99.1 | 91 | 1" ½ | 192 | 99 | 150 | 0,0028 | 2,19 |
| EVOSTA 2 40-70/180X (1" 1/4) | 180 | 96 | 135 | 36 | 99.1 | 91 | 2" | 192 | 99 | 150 | 0,0028 | 2,35 |

DIMENSIONS AND WEIGHTS - EVOSTA 3



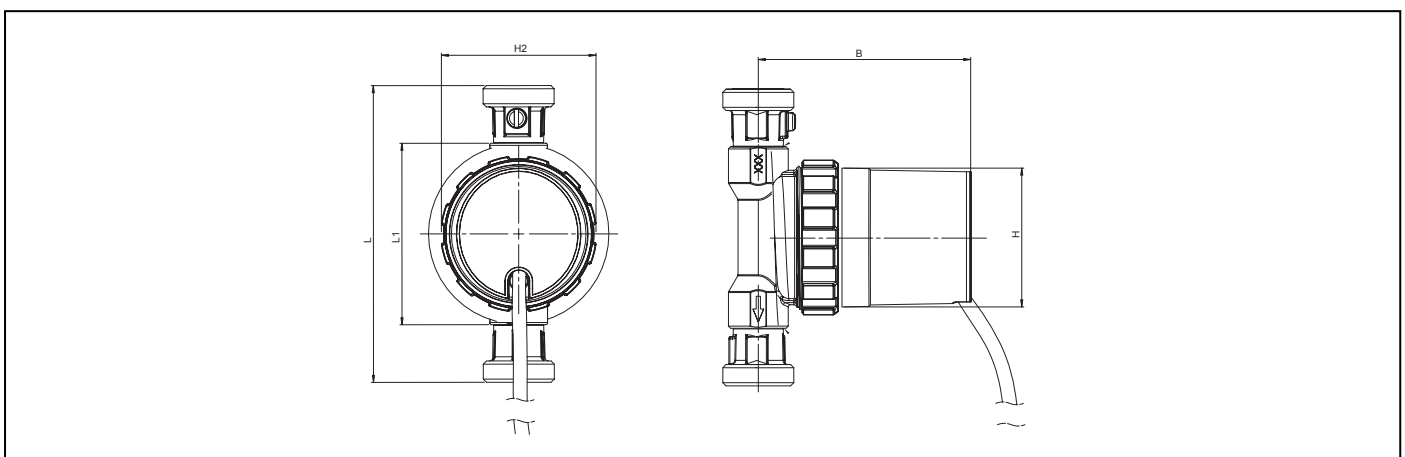
| MODEL | L | L1 | B | B1 | B2 | H | F | PACKAGING DIMENSIONS | | | VOLUME m ³ | WEIGHT Kg |
|---------------------------|-----|-------|-------|----|------|----|------|----------------------|-------|-----|--------------------------|--------------|
| | | | | | | | | L | B | H | | |
| EVOSTA 3 60/130 (1") | 130 | 107.5 | 144.1 | 45 | 99.1 | 91 | 1" ½ | 192 | 113,5 | 155 | 0,0034 | 2,05 |
| EVOSTA 3 60/130 (1/2") | 130 | 107.5 | 144.1 | 45 | 99.1 | 91 | 1" | 192 | 113,5 | 155 | 0,0034 | 1,9 |
| EVOSTA 3 60/180 (1") | 180 | 107.5 | 144.1 | 45 | 99.1 | 91 | 1" ½ | 192 | 113,5 | 155 | 0,0034 | 2,22 |
| EVOSTA 3 60/180X (1" 1/4) | 180 | 107.5 | 144.1 | 45 | 99.1 | 91 | 2" | 192 | 113,5 | 155 | 0,0034 | 2,38 |

DIMENSIONS AND WEIGHTS - EVOSTA 2 SOL



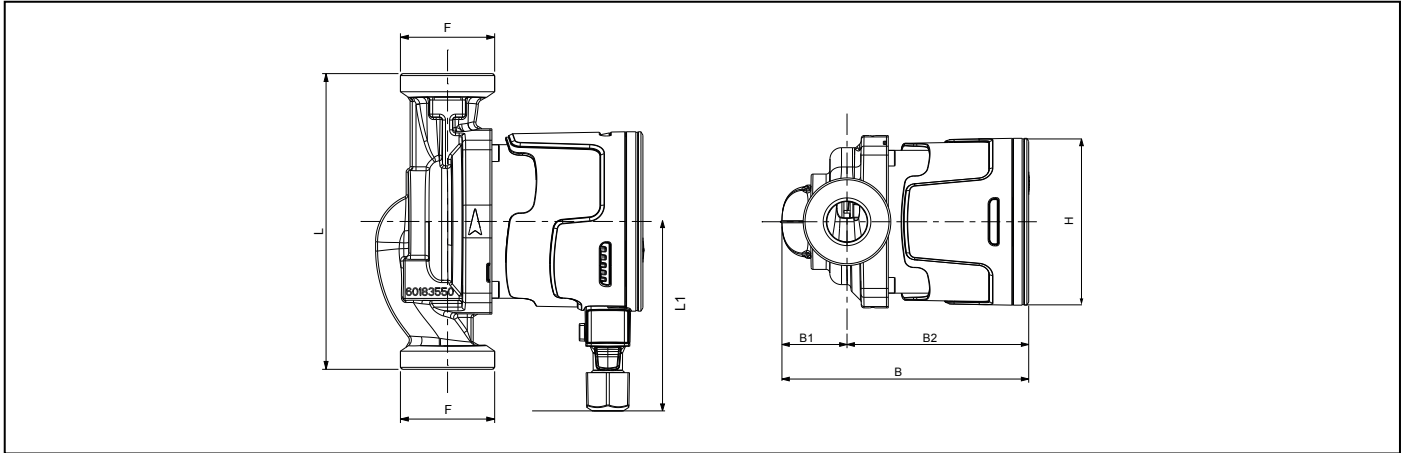
| MODEL | L | L1 | L2 | B | B1 | B2 | H | H1 | H2 | H3 | F | PACKAGE DIMENSIONS | | | VOLUME m ³ | WEIGHT Kg |
|-----------------------------------|-----|----|----|-----|----|----|----|----|------|----|-------|--------------------|-----|-----|--------------------------|--------------|
| | | | | | | | | | | | | L | B | H | | |
| EVOSTA 2 20-75/130 SOL (1") | 130 | 65 | 65 | 135 | 36 | 99 | 94 | 91 | 45,5 | 66 | 1"1/2 | 192 | 100 | 150 | 0,028 | 2,07 |
| EVOSTA 2 20-75/180 SOL (1") | 180 | 90 | 90 | 135 | 36 | 99 | 94 | 91 | 45,5 | 66 | 1"1/2 | 192 | 100 | 150 | 0,028 | 2,24 |
| EVOSTA 2 20-75/130 SOL (1/2") | 130 | 65 | 65 | 135 | 36 | 99 | 94 | 91 | 45,5 | 66 | 1" | 192 | 100 | 150 | 0,028 | 1,91 |
| EVOSTA 2 20-75/130 SOL PWM (1") | 130 | 65 | 65 | 135 | 36 | 99 | 94 | 91 | 45,5 | 66 | 1"1/2 | 192 | 100 | 150 | 0,028 | 2,12 |
| EVOSTA 2 20-75/130 SOL PWM (1/2") | 130 | 65 | 65 | 135 | 36 | 99 | 94 | 91 | 45,5 | 66 | 1" | 192 | 100 | 150 | 0,028 | 1,96 |
| EVOSTA 2 20-75/180 SOL PWM (1") | 180 | 90 | 90 | 135 | 36 | 99 | 94 | 91 | 45,5 | 66 | 1"1/2 | 192 | 100 | 150 | 0,028 | 2,29 |

DIMENSIONS AND WEIGHTS - EVOSTA 2 SAN V/R



| MODEL | L | L1 | B | H | H2 | CABLE LENGTH | PACKAGING DIMENSIONS | | | VOLUME m ³ | WEIGHT Kg |
|-------------------------------|-----|----|-----|----|----|-----------------|----------------------|-----|-----|--------------------------|--------------|
| | | | | | | | L | B | H | | |
| EVOSTA2 11/139 SAN V CIRC. | 139 | - | 100 | 65 | 72 | 1,5 m | 175 | 125 | 105 | 0,0023 | 1,26 |
| EVOSTA2 11/85 SAN R1/2" CIRC. | - | 85 | 100 | 65 | 72 | 1,5 m | 175 | 125 | 105 | 0,0023 | 1,06 |

DIMENSIONS AND WEIGHTS - EVOSTA 2 SAN



| MODEL | L | L1 | B | B1 | B2 | H | F | PACKAGING DIMENSIONS | | | VOLUME m ³ | WEIGHT Kg |
|------------------------------------|-----|----|-------|------|------|----|------|----------------------|----|-----|--------------------------|--------------|
| | | | | | | | | L | B | H | | |
| EVOSTA 2 40-70/150 SAN (1") | 150 | 96 | 134.6 | 35.5 | 99.1 | 91 | 1" ½ | 192 | 99 | 150 | 0,0028 | 2,16 |

EOPLUS SMALL

ELECTRONIC CIRCULATORS FOR SMALL COMMUNITY HEATING

D+CONNECT



ErP ready
evoplus
SMALL

EOPLUS SMALL electronic circulators can be used in heating, ventilation and air conditioning systems for residential and commercial buildings. In all correctly sized installations, the electronically controlled wet rotor pumps constantly ensure sufficient power and, simultaneously, lower noise emissions, greater comfort and a significant reduction in running costs. All models fitted with flanged pump body are available in both single and the twin versions. The user interface is easy to use and easy to understand.

Circulator protection rate IP 44.

Insulation class F.

Standard voltage

single-phase 220/240V, 50/60Hz.

In accordance with European standards

EN 61800-3 - EN 60335-1 - EN 60335-2-51.

Operating range

from 2 to 12 m³/h with head up to 11 meters.

Liquid Temperature range

from -10 °C to 110 °C.

Pumped liquid clean, free from solids and mineral oils, not viscous, chemically neutral, close to the properties of water (max. glycol contents 30%).

Maximum working pressure 16 bar (1600 kPa).

Standard flanging The single version is available with 1 1/2" and 2" threaded ports and with flanged ports DN 32 and DN 40, PN 6 / PN 10 / PN 16.

The twin version is available with flanged pump body DN 32 and DN 40, PN 6 / PN 10 / PN 16.

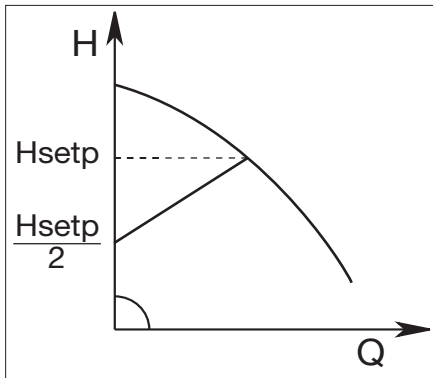
Installation with horizontal motor shaft.

MODES OF OPERATION

All the functions listed below can be consulted by the users (including less experienced ones) by simply scrolling through the menu. The calibration and the modification of the parameters are protected, and can only be completed by expert users. The factory settings of the EOPLUS range are for proportional differential pressure control mode in the curve that ensures the best energy efficiency index (EEI).

1 - ΔP -v proportional differential pressure adjustment mode

With ΔP -v adjustment mode, with the variation of the flow rate, the value of the delivery of the head also varies in a linear manner, from Hsetp to Hsetp/2.



This adjustment is particularly indicated for the following systems:

a. Two-pipe heating systems with thermostat valves and with:

- head greater than 4 metres;
- very long circuit piping;
- valves with wide operating range;
- differential pressure regulators;
- high pressure drops in those parts of the system carrying the entirety of the water flow rate;
- low differential pressure.

b. Under-floor central heating systems with thermostatic valves and significant pressure drops in the boiler circuit.

c. Systems with primary circuit pumps with high pressure drops.

Example of set-up of the set-point with ΔP -v

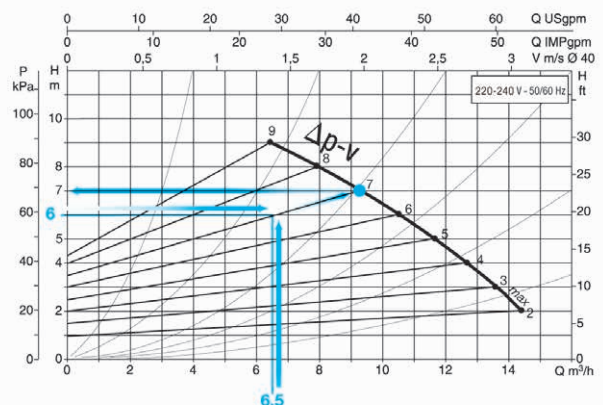
The following operating point is required:

$$Q = 6,5 \text{ m}^3/\text{h}$$

$$H = 6 \text{ m}$$

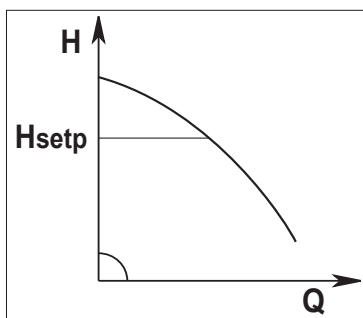
PROCEDURE:

1. In the graph, find the desired operating point, and then find the EOPLUS curve closest to it (in this case the point lies precisely on the curve)
2. Follow the curve upwards until reaching the intersection with the limit curve of the circulator.
3. The head reading found at this limit point is the set-point head that must be entered to obtain the desired operating point.



2 - ΔP -c constant differential pressure adjustment mode

The ΔP -c adjustment mode keeps the differential pressure of the system constantly at the H setp value set, even in case of variation of the flow rate.



This adjustment is particularly indicated for the following systems:

a. Two-pipe heating systems with thermostat valves and with:

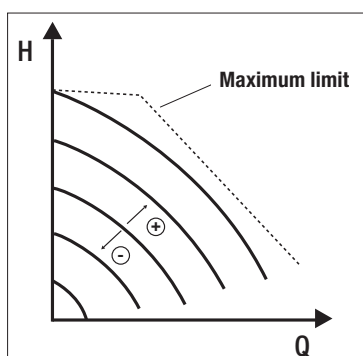
- head lower than 2 metres;
- natural circulation;
- low pressure drops in those parts of the system carrying the entirety of the water flow rate;
- high differential temperature (central heating).

b. underfloor heating systems with thermostat valves

c. single-pipe heating systems with thermostat valves and calibration valves

d. Systems with primary circuit pumps with low pressure drops.

3 - Constant curve adjustment modes

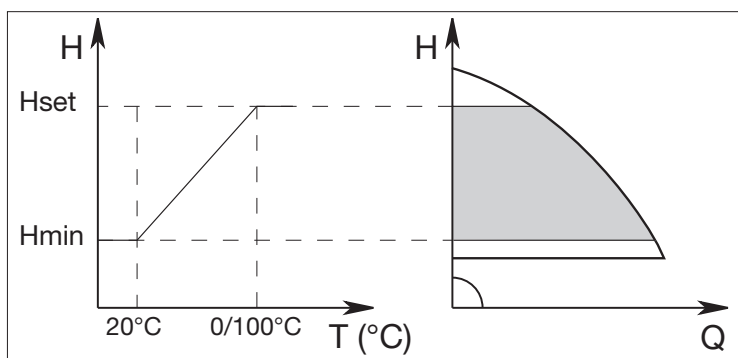


In this control mode, the circulator works based on constant speed characteristic curves. The operation curve is selected by setting the rotation speed using a percentage factor. The 100 % value indicates the maximum limit curve. The actual rotation speed may be affected by the power and differential pressure limitations of the actual circulator model. The rotation speed may be set using the display, or either a 0-10 V or PWM external signal, using the appropriate multifunction module.

Control mode indicated for constant flow rate heating and air conditioning systems.

4 - Constant differential pressure control mode with proportional control based on the water temperature

(Function available with multifunction module)



This adjustment is particularly indicated for the following systems:

- a. in variable flow rate systems (two-pipe central heating systems), in which a further reduction of circulator performance is provided in line with the lowering of the temperature of the circulating liquid, in case of reduced heating demand.
- b. in constant flow rate systems (single-pipe and under-floor central heating systems), where the performance of the circulator can only be adjusted by activating the temperature influence function. It is set through the EVOPLUS control panel.

ECONOMY MODE

The economy function can be set directly on the control panel, by setting a reduction value (f.rid), the maximum value of which can be 50%. In all the previously listed settings, the Hset value must be replaced with an Hset x f.rid.

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TECHNICAL DATA

Liquid temperature range: from -10°C to +110°C
Maximum working pressure: 16 bar (1600 kPa)

| MODEL | CENTRE DISTANCE mm | ELECTRICAL DATA | | UNIONS ON REQUEST | | E E I | MINIMUM SUCTION PRESSURE | | |
|--------------------|-----------------------|------------------|-------------|-------------------|--------------|--------------|--------------------------|------|-------|
| | | VOLTAGE 60 Hz | P1 MAX W | STANDARDISED | SPECIAL | | t° | 90°C | 100°C |
| | | | | | | | | | |
| EVOPLUS 40/180 M | 180 | 220/240 V | 70 | 1" F | ¾" F - 1¼" M | E E I ≤ 0,23 | m.c.w. | 20 | 25 |
| EVOPLUS 60/180 M | 180 | 220/240 V | 100 | 1" F | ¾" F - 1¼" M | E E I ≤ 0,22 | m.c.w. | 20 | 25 |
| EVOPLUS 80/180 M | 180 | 220/240 V | 135 | 1" F | ¾" F - 1¼" M | E E I ≤ 0,22 | m.c.w. | 20 | 25 |
| EVOPLUS 110/180 M | 180 | 220/240 V | 170 | 1" F | ¾" F - 1¼" M | E E I ≤ 0,22 | m.c.w. | 20 | 25 |
| EVOPLUS 40/180 XM | 180 | 220/240 V | 70 | 2" G | 1¼" F | E E I ≤ 0,21 | m.c.w. | 20 | 25 |
| EVOPLUS 60/180 XM | 180 | 220/240 V | 100 | 2" G | 1¼" F | E E I ≤ 0,21 | m.c.w. | 20 | 25 |
| EVOPLUS 80/180 XM | 180 | 220/240 V | 135 | 2" G | 1¼" F | E E I ≤ 0,21 | m.c.w. | 20 | 25 |
| EVOPLUS 110/180 XM | 180 | 220/240 V | 170 | 2" G | 1¼" F | E E I ≤ 0,21 | m.c.w. | 20 | 25 |

| MODEL | CENTRE DISTANCE mm | ELECTRICAL DATA | | COUNTERFLANGES ON REQUEST | E E I | MINIMUM SUCTION PRESSURE | | |
|------------------------|-----------------------|------------------|-------------|------------------------------|--------------|--------------------------|------|-------|
| | | VOLTAGE 60 Hz | P1 MAX W | | | t° | 90°C | 100°C |
| | | | | | | | | |
| EVOPLUS B 40/220.32 M | 220 | 220/240 V | 75 | DN 32 PN 6 | E E I ≤ 0,22 | m.c.w. | 20 | 25 |
| EVOPLUS B 60/220.32 M | 220 | 220/240 V | 105 | DN 32 PN 6 | E E I ≤ 0,22 | m.c.w. | 20 | 25 |
| EVOPLUS B 80/220.32 M | 220 | 220/240 V | 140 | DN 32 PN 6 | E E I ≤ 0,22 | m.c.w. | 20 | 25 |
| EVOPLUS B 110/220.32 M | 220 | 220/240 V | 190 | DN 32 PN 6 | E E I ≤ 0,22 | m.c.w. | 20 | 25 |
| EVOPLUS B 40/250.40 M | 250 | 220/240 V | 75 | DN 40 PN 10 | E E I ≤ 0,21 | m.c.w. | 20 | 25 |
| EVOPLUS B 60/250.40 M | 250 | 220/240 V | 105 | DN 40 PN 10 | E E I ≤ 0,21 | m.c.w. | 20 | 25 |
| EVOPLUS B 80/250.40 M | 250 | 220/240 V | 140 | DN 40 PN 10 | E E I ≤ 0,21 | m.c.w. | 20 | 25 |
| EVOPLUS B 110/250.40 M | 250 | 220/240 V | 190 | DN 40 PN 10 | E E I ≤ 0,21 | m.c.w. | 20 | 25 |

| MODEL | CENTRE DISTANCE mm | ELECTRICAL DATA | | COUNTERFLANGES ON REQUEST | E E I | MINIMUM SUCTION PRESSURE | | |
|------------------------|-----------------------|------------------|-------------|------------------------------|--------------|--------------------------|------|-------|
| | | VOLTAGE 60 Hz | P1 MAX W | | | t° | 90°C | 100°C |
| | | | | | | | | |
| EVOPLUS D 40/220.32 M | 220 | 220/240 V | 85 | DN 32 PN 6 | E E I ≤ 0,23 | m.c.w. | 20 | 25 |
| EVOPLUS D 60/220.32 M | 220 | 220/240 V | 110 | DN 32 PN 6 | E E I ≤ 0,23 | m.c.w. | 20 | 25 |
| EVOPLUS D 80/220.32 M | 220 | 220/240 V | 150 | DN 32 PN 6 | E E I ≤ 0,23 | m.c.w. | 20 | 25 |
| EVOPLUS D 110/220.32 M | 220 | 220/240 V | 200 | DN 32 PN 6 | E E I ≤ 0,23 | m.c.w. | 20 | 25 |
| EVOPLUS D 40/250.40 M | 250 | 220/240 V | 75 | DN 40 PN 10 | E E I ≤ 0,22 | m.c.w. | 20 | 25 |
| EVOPLUS D 60/250.40 M | 250 | 220/240 V | 100 | DN 40 PN 10 | E E I ≤ 0,22 | m.c.w. | 20 | 25 |
| EVOPLUS D 80/250.40 M | 250 | 220/240 V | 135 | DN 40 PN 10 | E E I ≤ 0,22 | m.c.w. | 20 | 25 |
| EVOPLUS D 110/250.40 M | 250 | 220/240 V | 190 | DN 40 PN 10 | E E I ≤ 0,22 | m.c.w. | 20 | 25 |

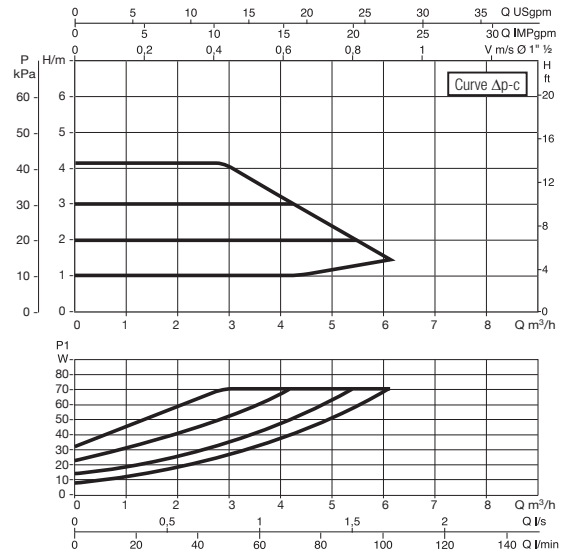
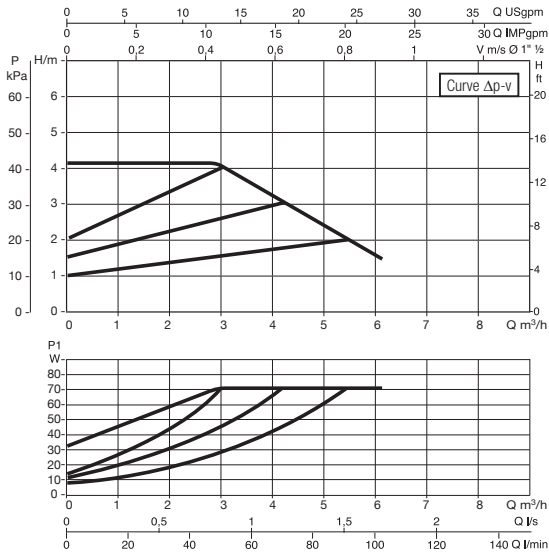
| MODEL | CENTRE DISTANCE mm | ELECTRICAL DATA | | UNIONS ON REQUEST | | COUNTERFLANGES ON REQUEST | MINIMUM SUCTION PRESSURE | | |
|----------------------------|-----------------------|------------------|-------------|-------------------|--------------|------------------------------|--------------------------|------|-------|
| | | VOLTAGE 60 Hz | P1 MAX W | STANDARDISED | SPECIAL | | t° | 90°C | 100°C |
| | | | | | | | | | |
| EVOPLUS 40/180 SAN M | 180 | 220/240 V | 70 | 1" F | ¾" F - 1¼" M | - | m.c.w. | 20 | 25 |
| EVOPLUS 60/180 SAN M | 180 | 220/240 V | 100 | 1" F | ¾" F - 1¼" M | - | m.c.w. | 20 | 25 |
| EVOPLUS 80/180 SAN M | 180 | 220/240 V | 135 | 1" F | ¾" F - 1¼" M | - | m.c.w. | 20 | 25 |
| EVOPLUS 110/180 SAN M | 180 | 220/240 V | 170 | 1" F | ¾" F - 1¼" M | - | m.c.w. | 20 | 25 |
| EVOPLUS B 40/220.32 SAN M | 220 | 220/240 V | 85 | - | - | DN 32 PN 6 | m.c.w. | 20 | 25 |
| EVOPLUS B 60/220.32 SAN M | 220 | 220/240 V | 110 | - | - | DN 32 PN 6 | m.c.w. | 20 | 25 |
| EVOPLUS B 80/220.32 SAN M | 220 | 220/240 V | 150 | - | - | DN 32 PN 6 | m.c.w. | 20 | 25 |
| EVOPLUS B 110/220.32 SAN M | 220 | 220/240 V | 200 | - | - | DN 32 PN 6 | m.c.w. | 20 | 25 |
| EVOPLUS B 40/250.40 SAN M | 250 | 220/240 V | 75 | - | - | DN 40 PN 10 | m.c.w. | 10 | 20 |
| EVOPLUS B 60/250.40 SAN M | 250 | 220/240 V | 105 | - | - | DN 40 PN 10 | m.c.w. | 10 | 20 |
| EVOPLUS B 80/250.40 SAN M | 250 | 220/240 V | 140 | - | - | DN 40 PN 10 | m.c.w. | 10 | 20 |
| EVOPLUS B 110/250.40 SAN M | 250 | 220/240 V | 190 | - | - | DN 40 PN 10 | m.c.w. | 10 | 20 |



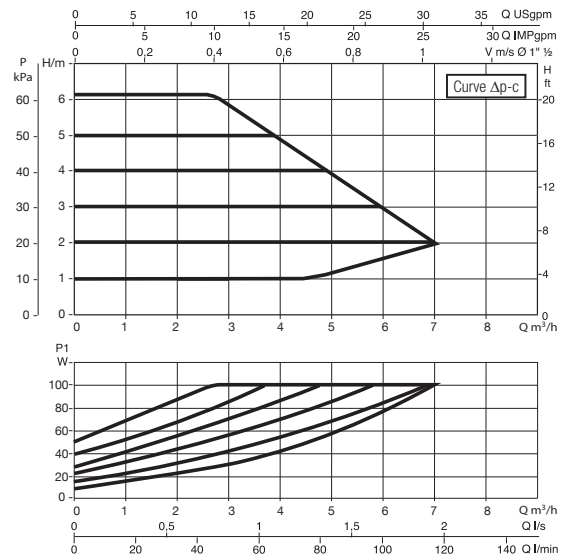
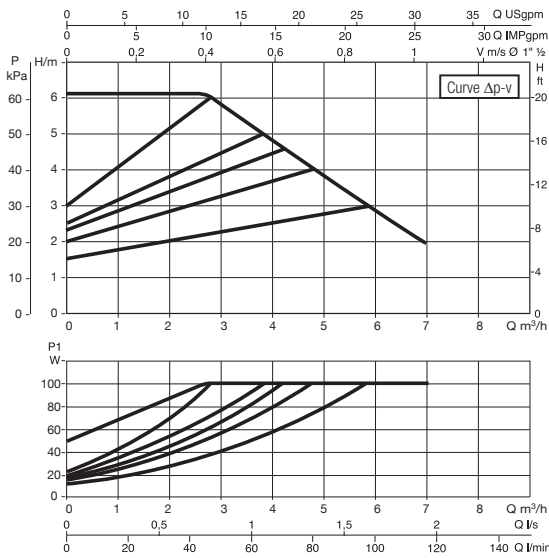
EVOPLUS SMALL

ELECTRONIC CIRCULATORS FOR SMALL COMMUNITY HEATING

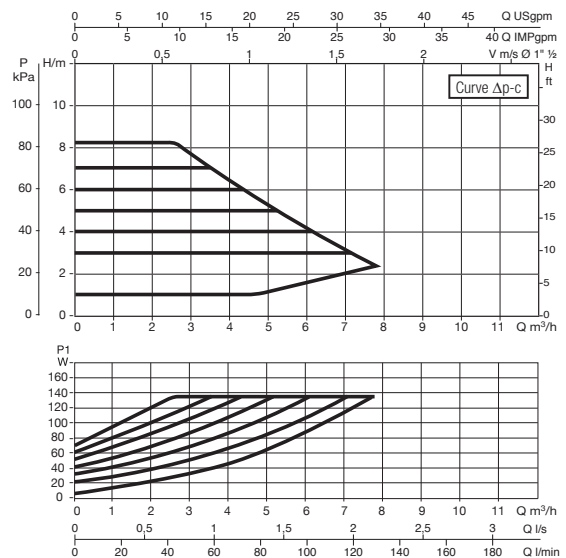
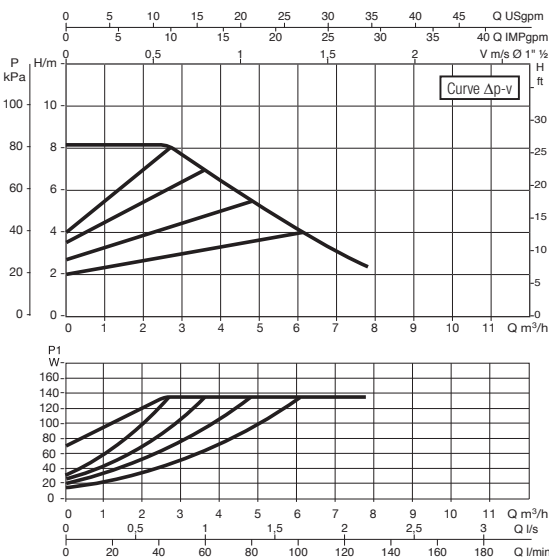
EVOPLUS 40/180 M



EVOPLUS 60/180 M



EVOPLUS 80/180 M

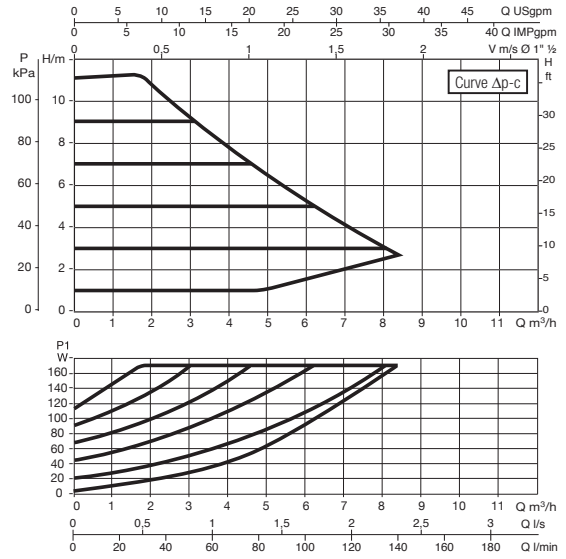
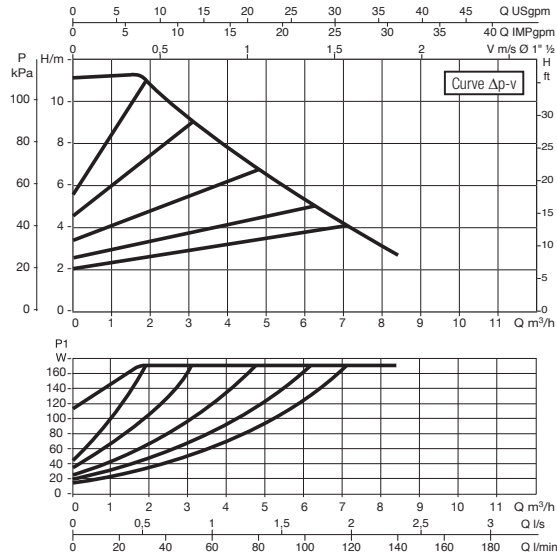


The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

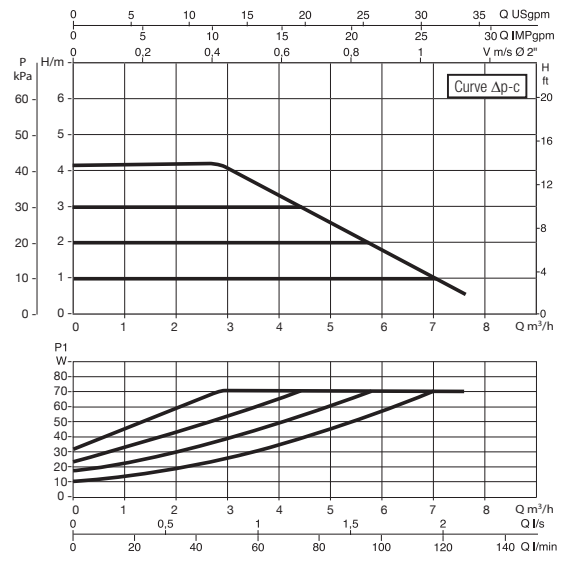
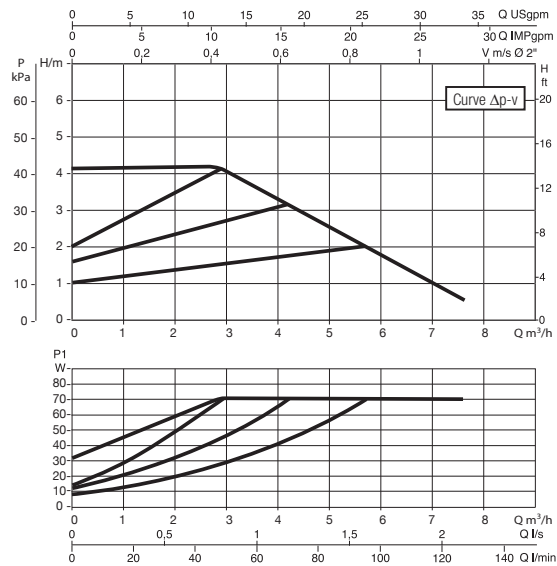
EVOPLUS SMALL

ELECTRONIC CIRCULATORS FOR SMALL COMMUNITY HEATING

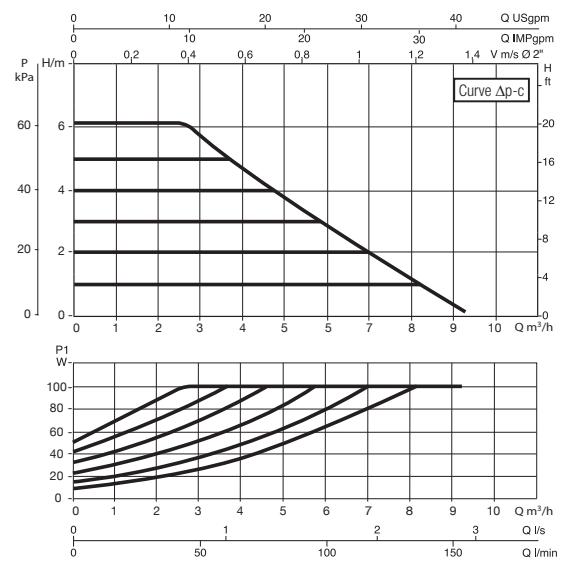
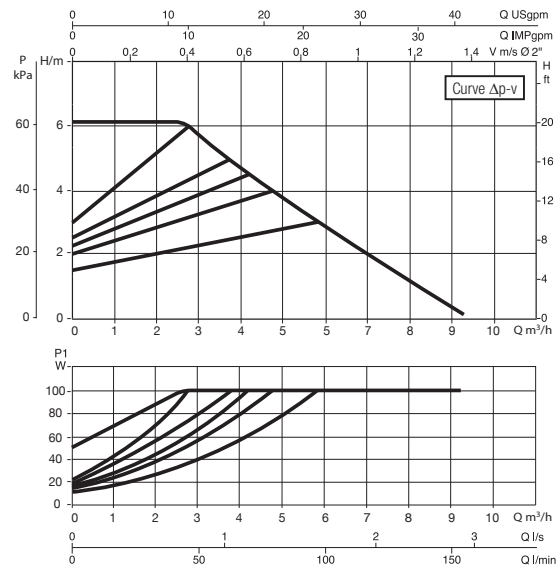
EVOPLUS 110/180 M



EVOPLUS 40/180 XM



EVOPLUS 60/180 XM

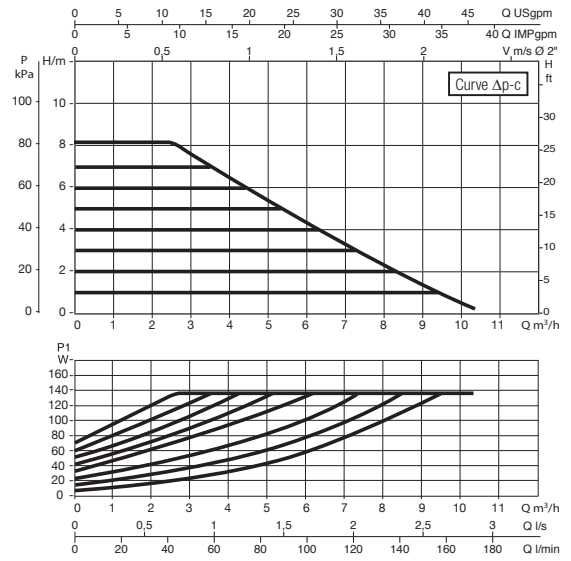
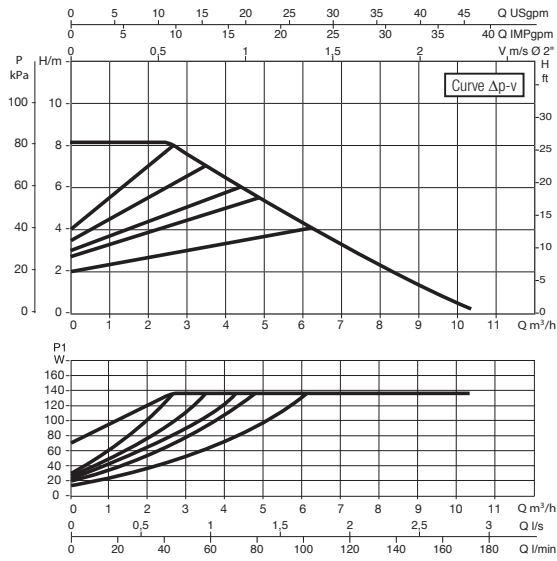


The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

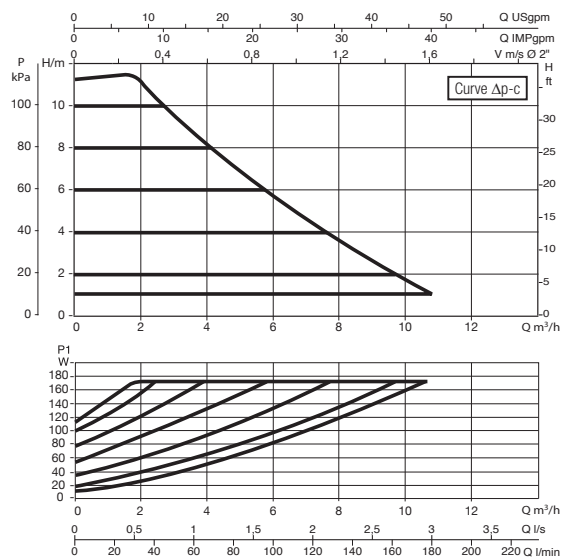
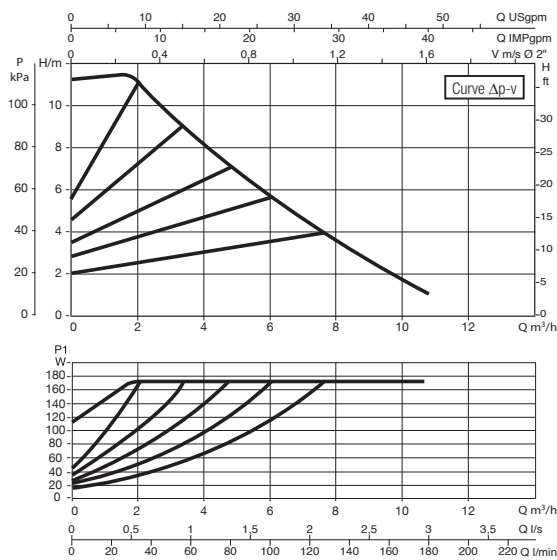
EVOPLUS SMALL

ELECTRONIC CIRCULATORS FOR SMALL COMMUNITY HEATING

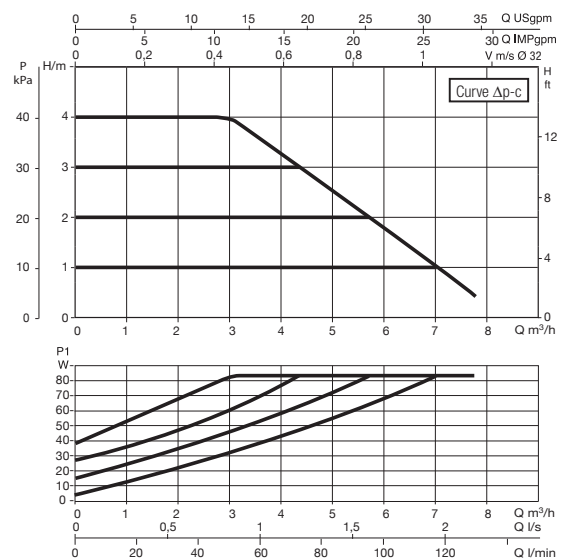
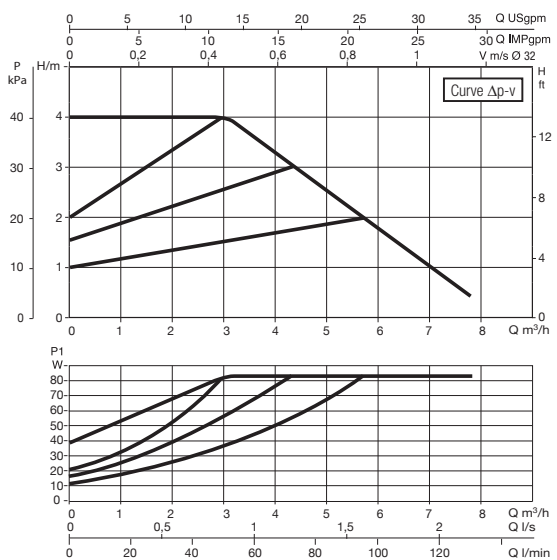
EVOPLUS 80/180 XM



EVOPLUS 110/180 XM



EVOPLUS B 40/220.32 M

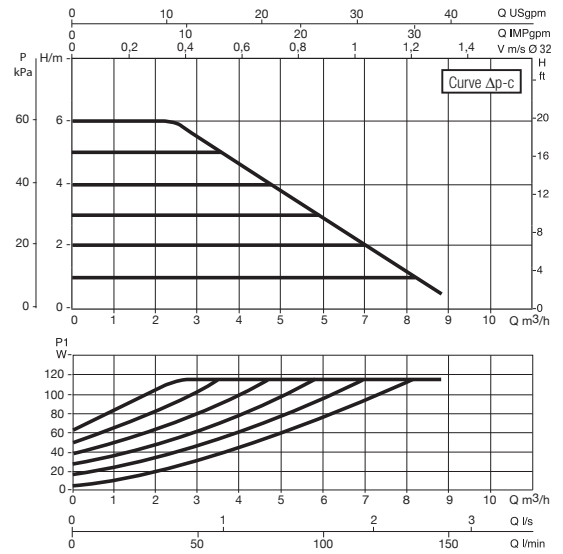
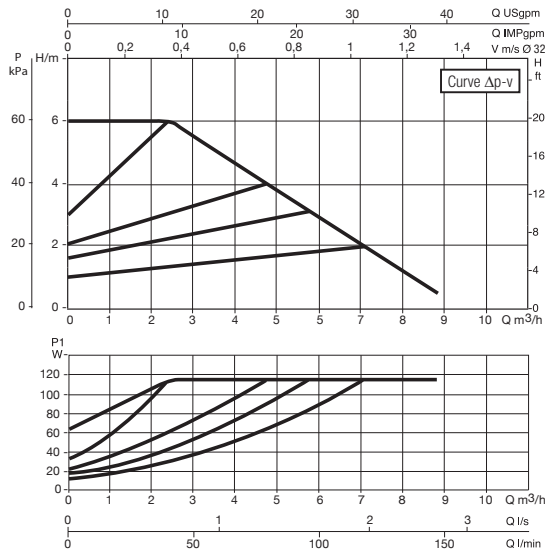


The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

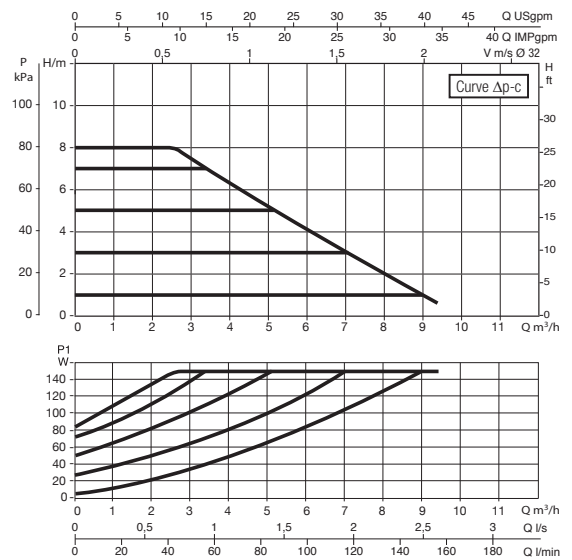
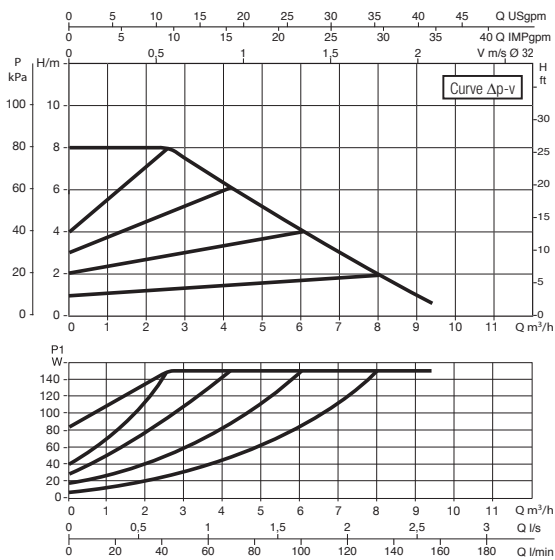
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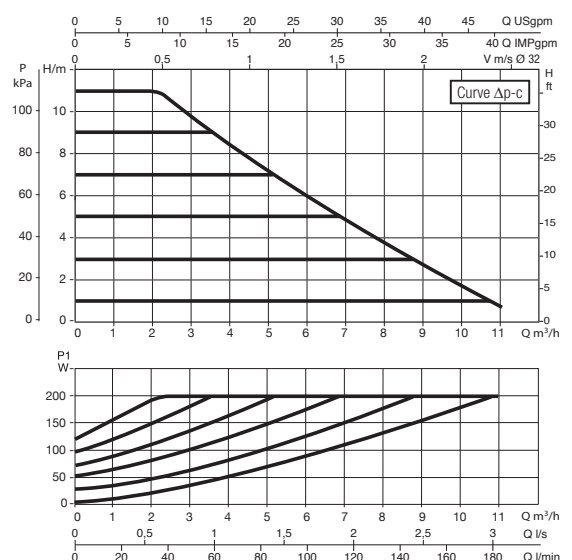
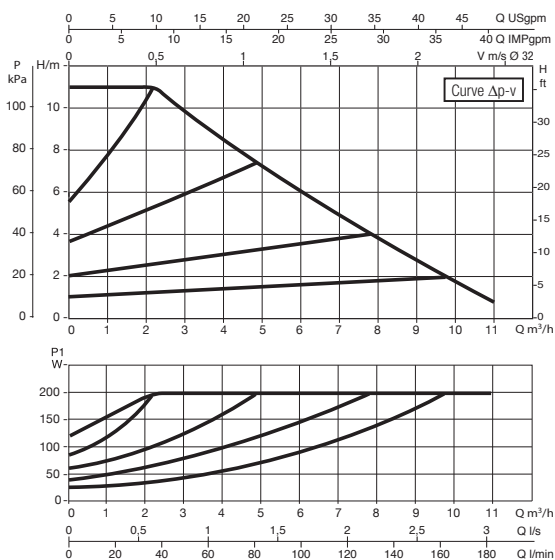
EVOPLUS B 60/220.32 M



EVOPLUS B 80/220.32 M



EVOPLUS B 110/220.32 M

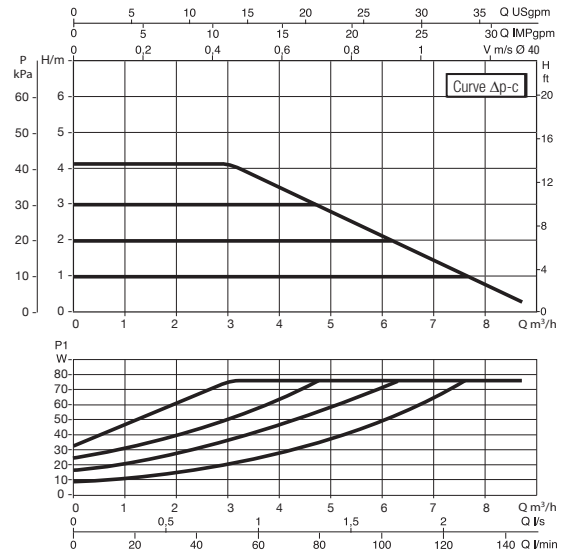
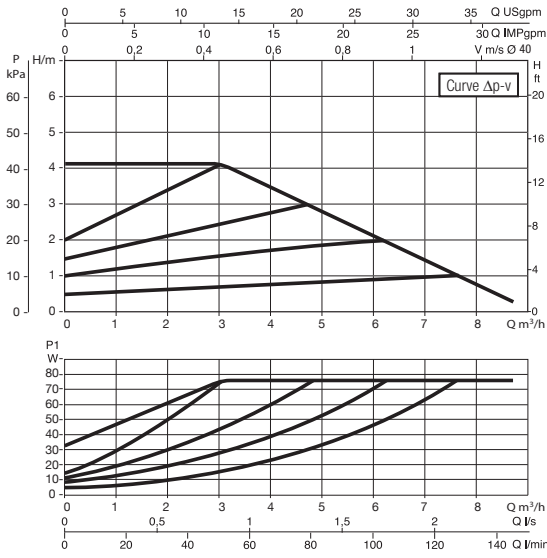


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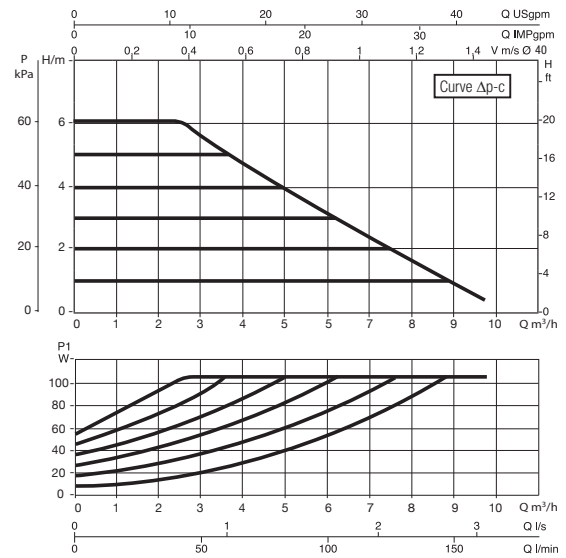
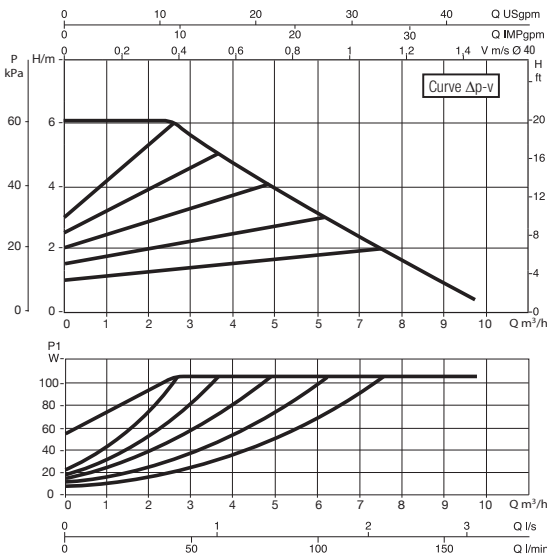
EVOPLUS SMALL

ELECTRONIC CIRCULATORS FOR SMALL COMMUNITY HEATING

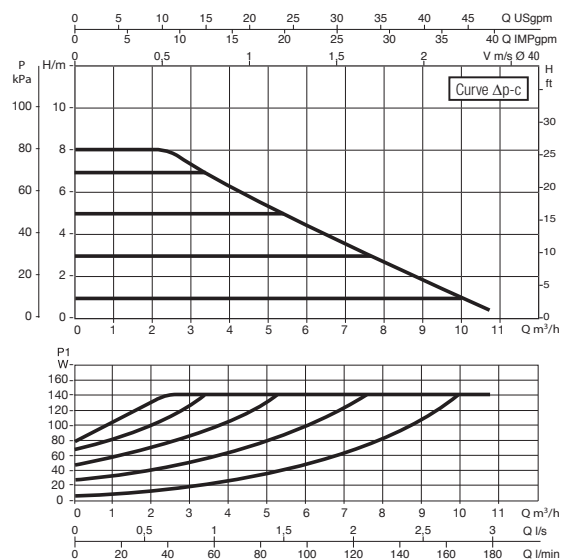
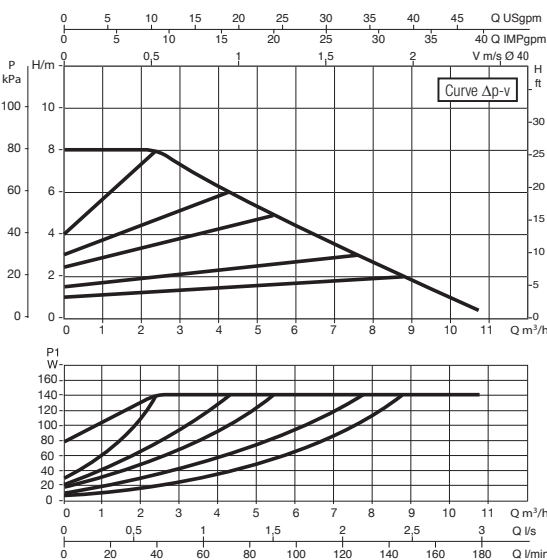
EVOPLUS B 40/250.40 M



EVOPLUS B 60/250.40 M



EVOPLUS B 80/250.40 M

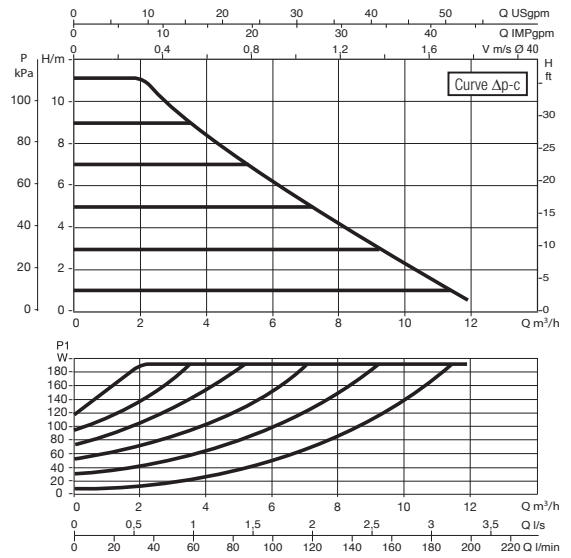
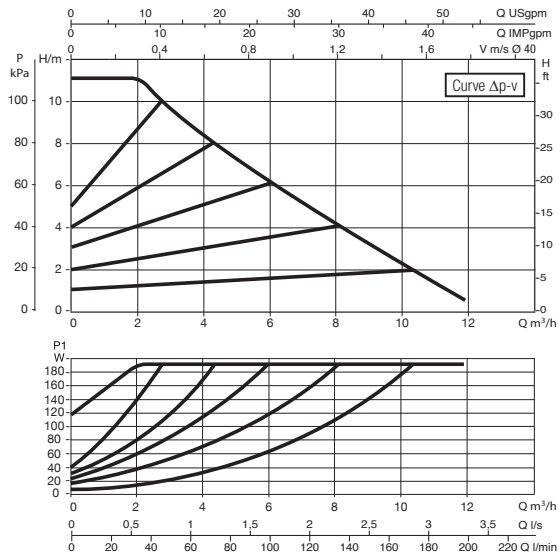


The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

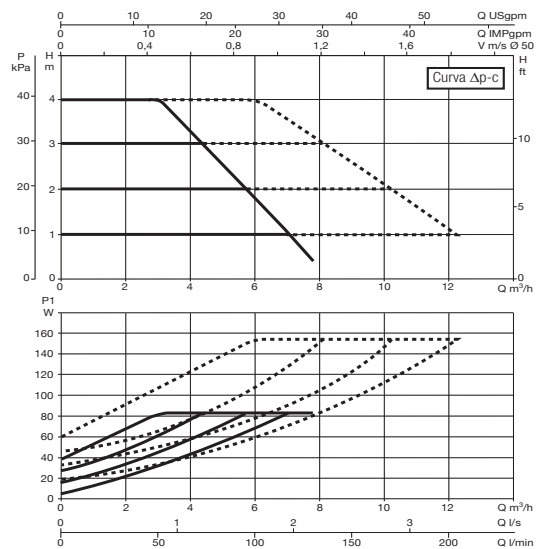
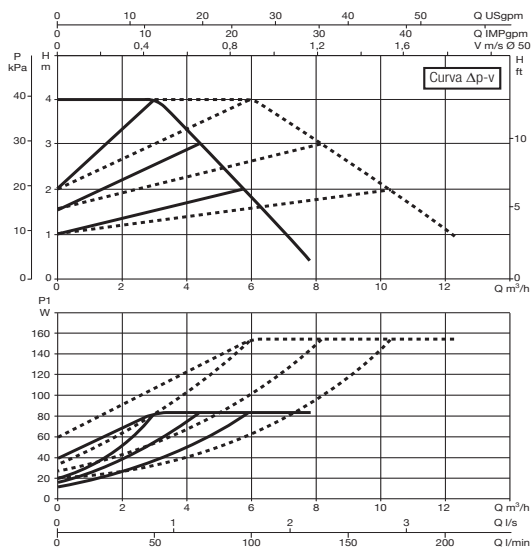
EVOPLUS SMALL

ELECTRONIC CIRCULATORS FOR SMALL COMMUNITY HEATING

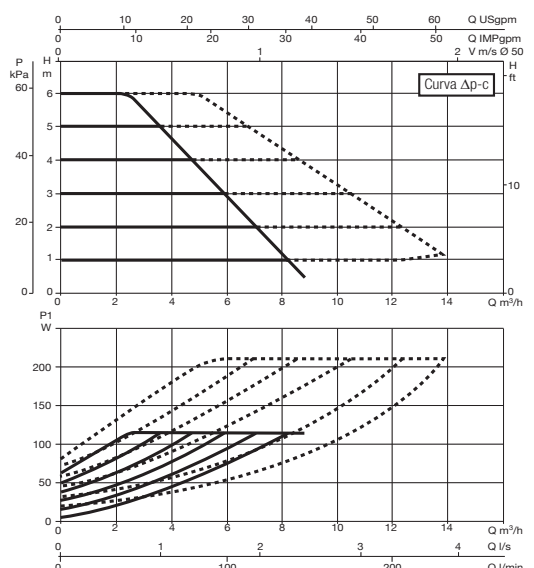
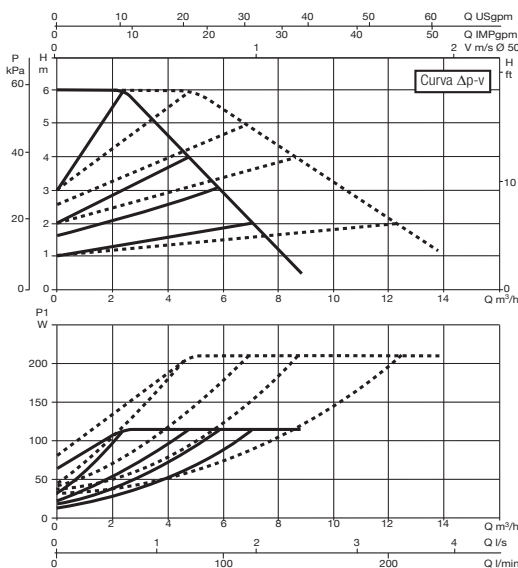
EVOPLUS B 110/250.40 M



EVOPLUS D 40/220.32 M



EVOPLUS D 60/220.32 M

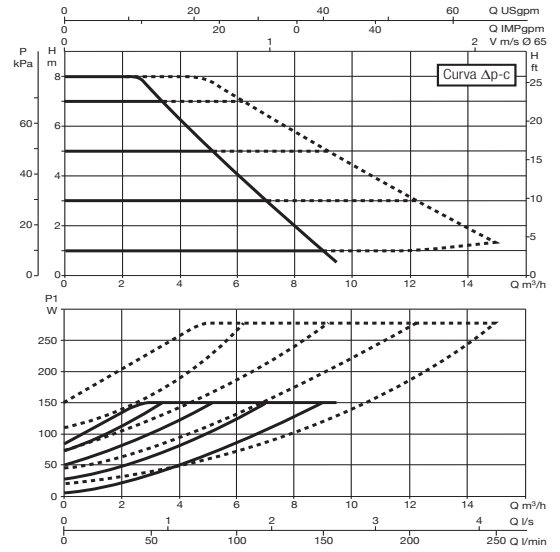
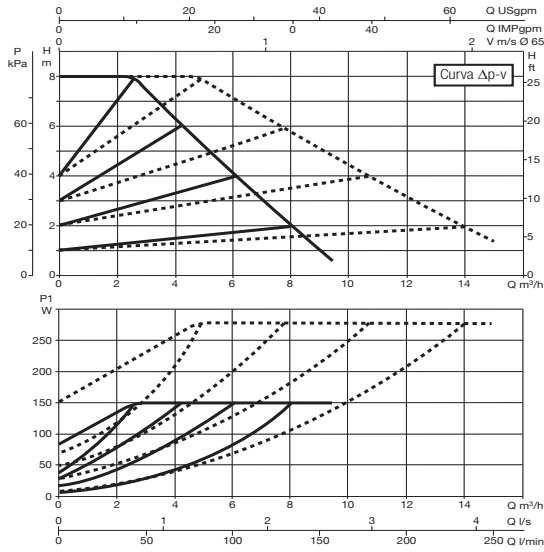


The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

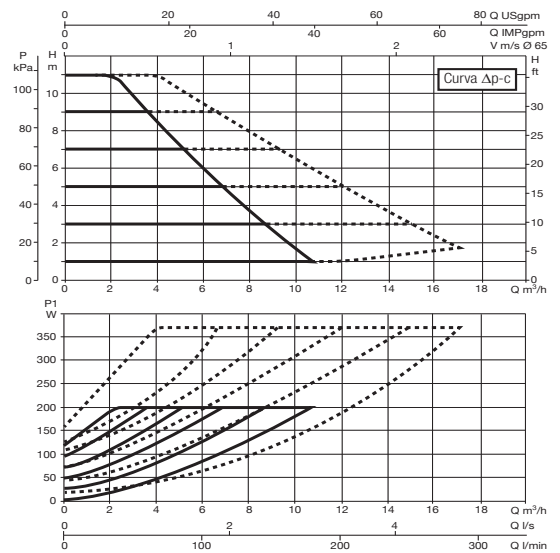
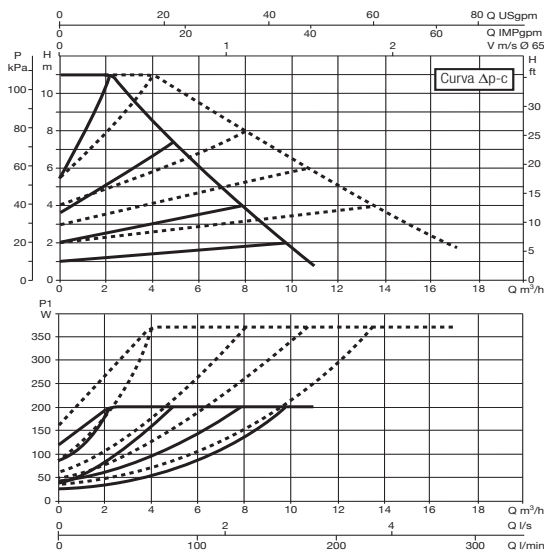
EVOPLUS SMALL

ELECTRONIC CIRCULATORS FOR SMALL COMMUNITY HEATING

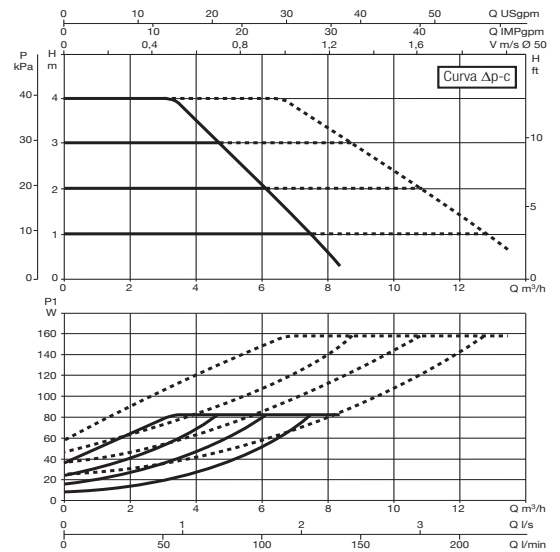
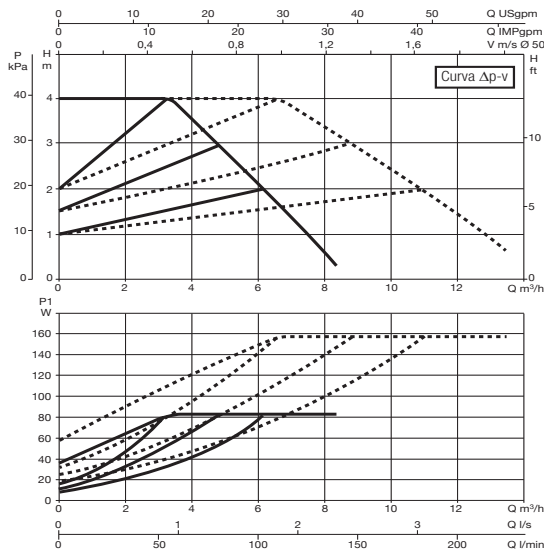
EVOPLUS D 80/220.32 M



EVOPLUS D110/220.32 M



EVOPLUS D 40/250.40 M

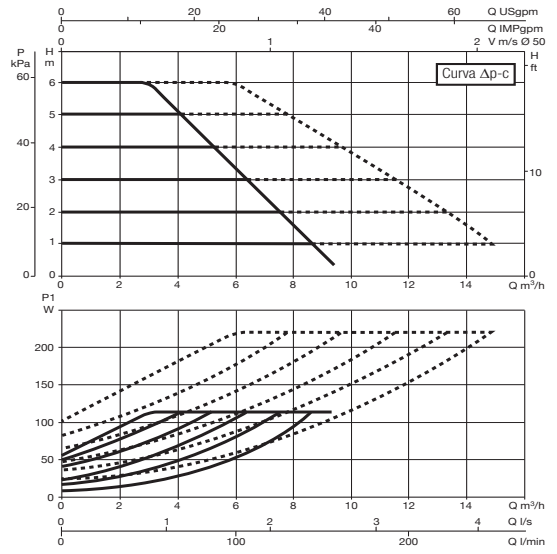
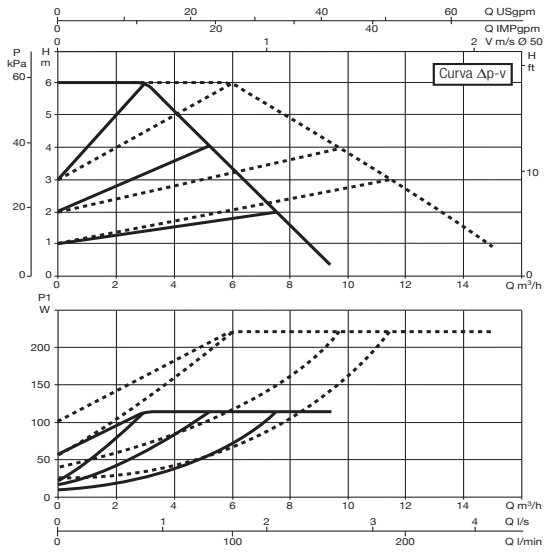


The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

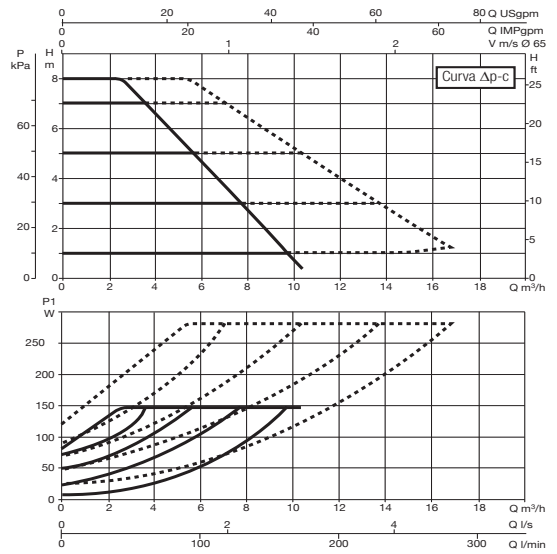
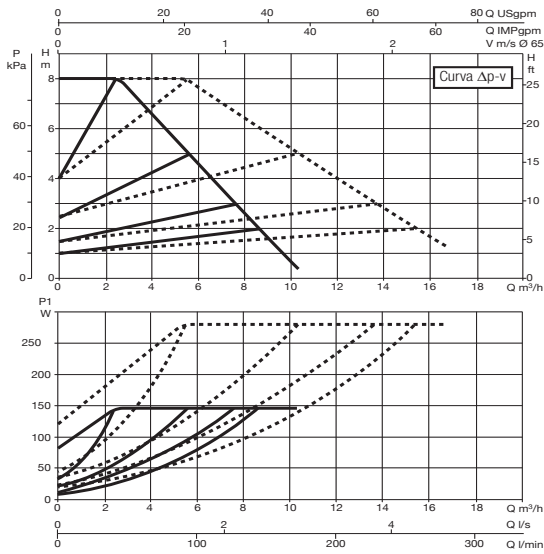
EVOPLUS SMALL

ELECTRONIC CIRCULATORS FOR SMALL COMMUNITY HEATING

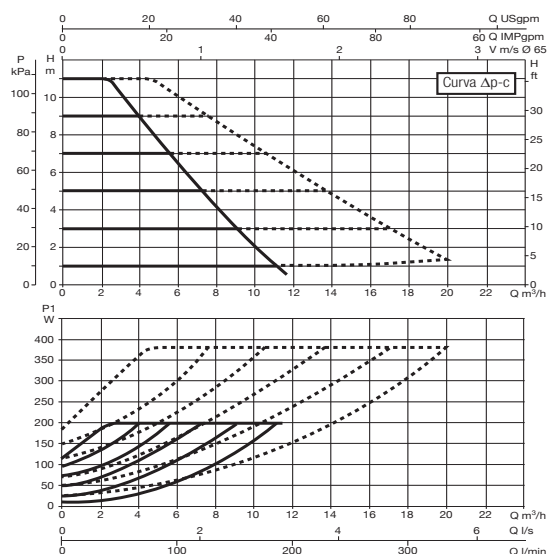
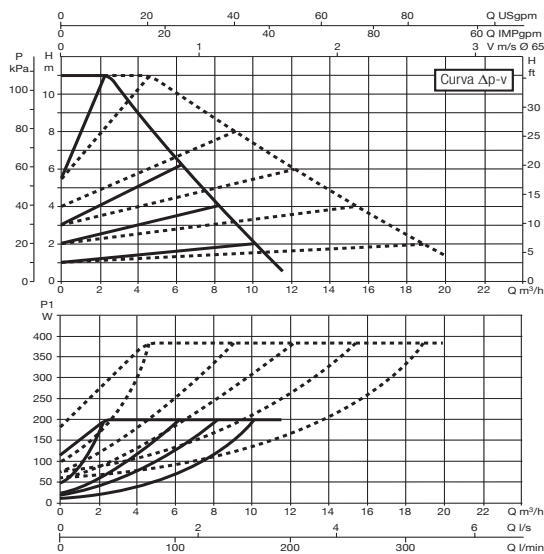
EVOPLUS D 60/250.40 M



EVOPLUS D 80/250.40 M



EVOPLUS D110/250.40 M

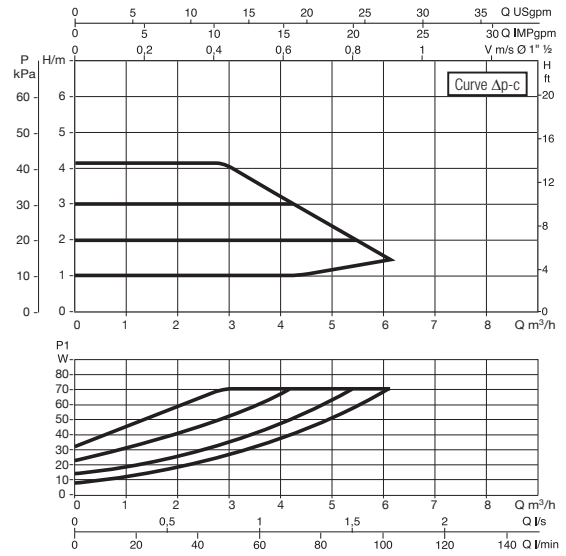
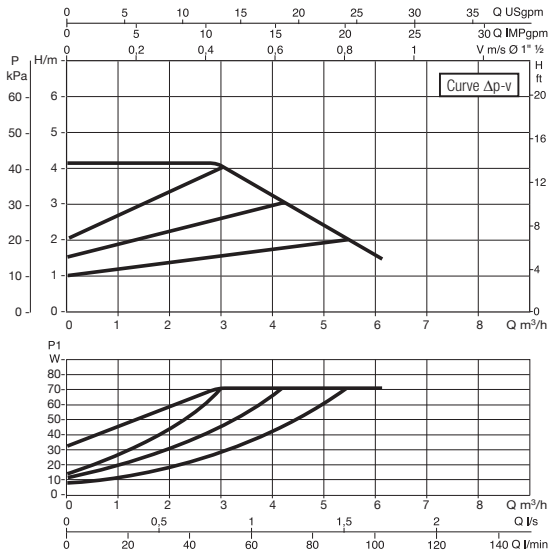


The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

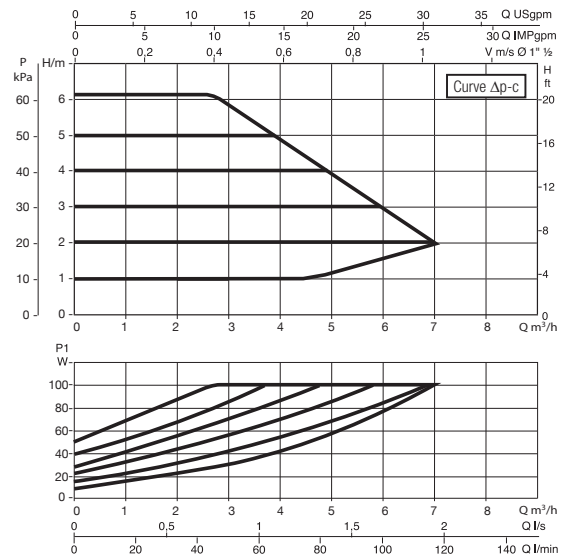
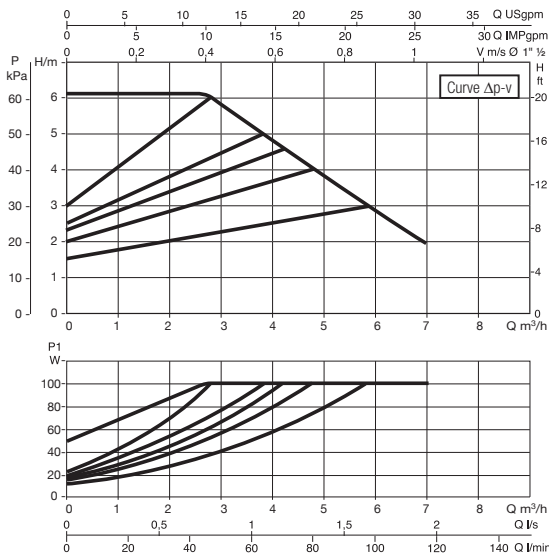
EVOPLUS SMALL

ELECTRONIC CIRCULATORS FOR SMALL COMMUNITY HEATING

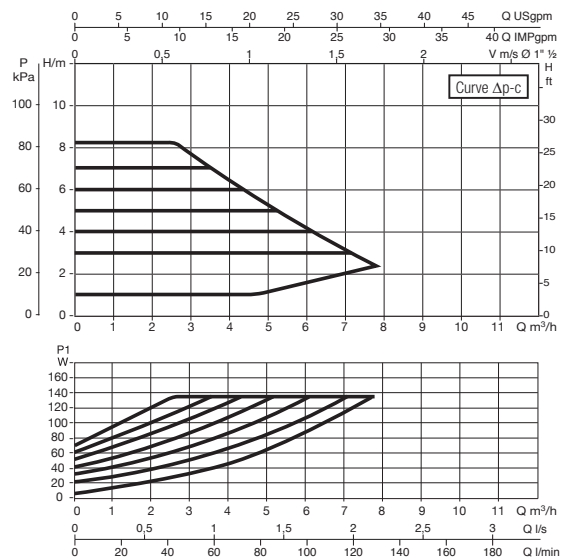
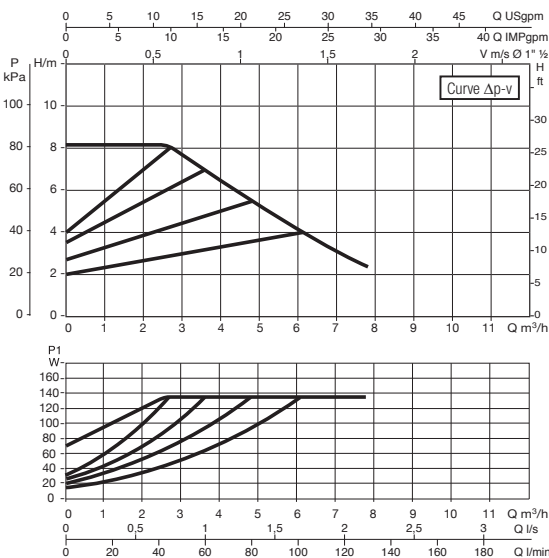
EVOPLUS 40/180 SAN M



EVOPLUS 60/180 SAN M



EVOPLUS 80/180 SAN M

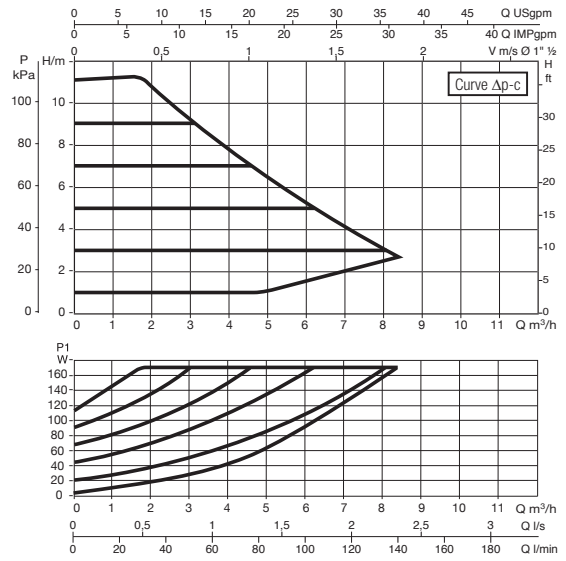
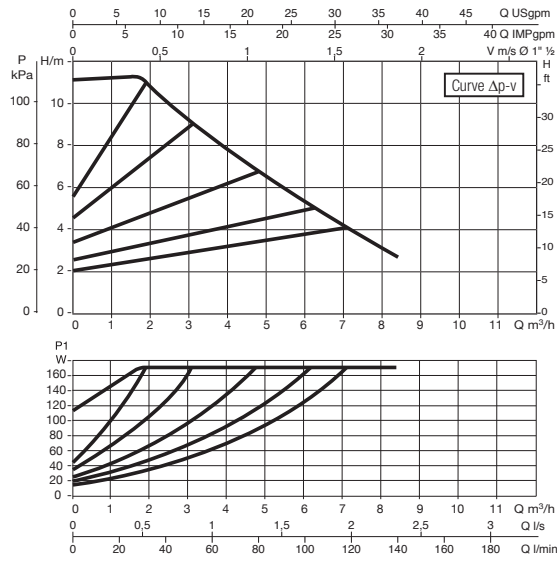


The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

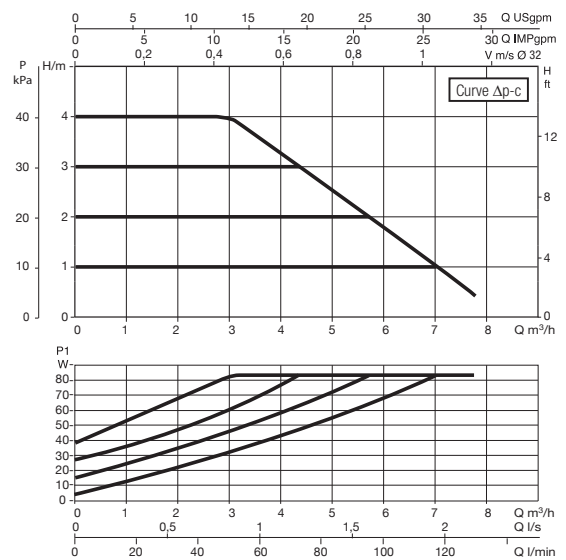
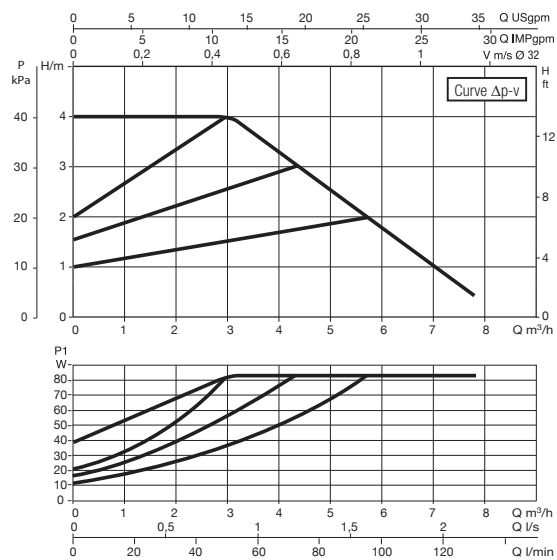
EVOPLUS SMALL

ELECTRONIC CIRCULATORS FOR SMALL COMMUNITY HEATING

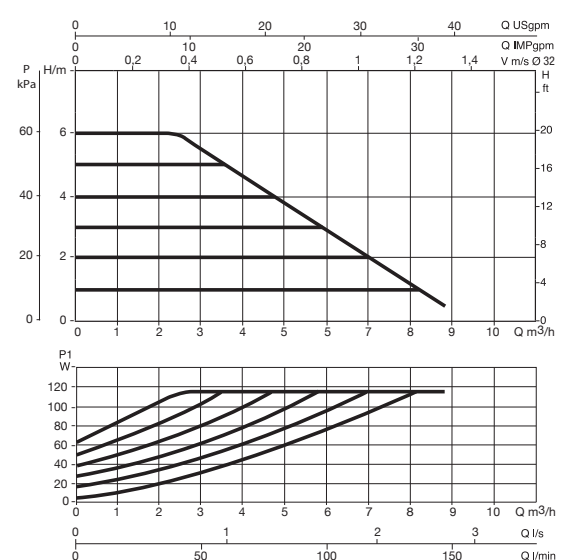
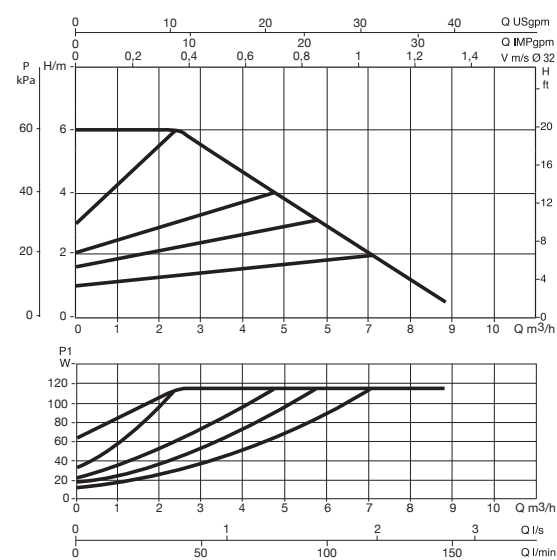
EVOPLUS 110/180 SAN M



EVOPLUS B 40/220.32 SAN M



EVOPLUS B 60/220.32 SAN M

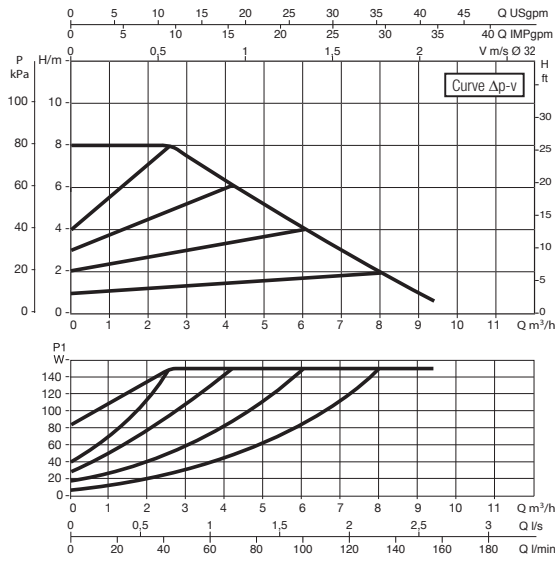


The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

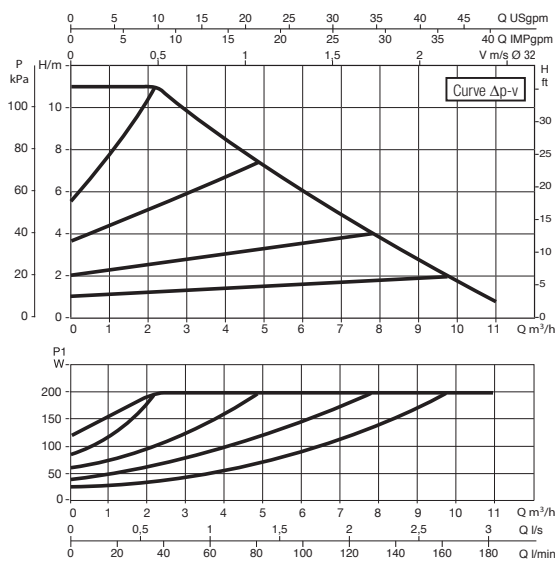
EVOPLUS SMALL

ELECTRONIC CIRCULATORS FOR SMALL COMMUNITY HEATING

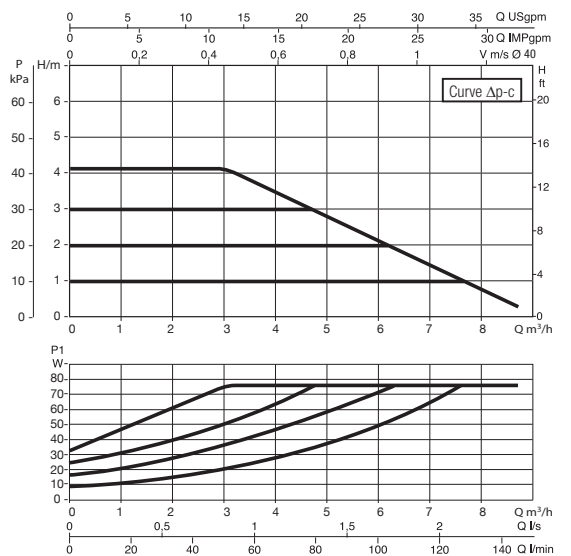
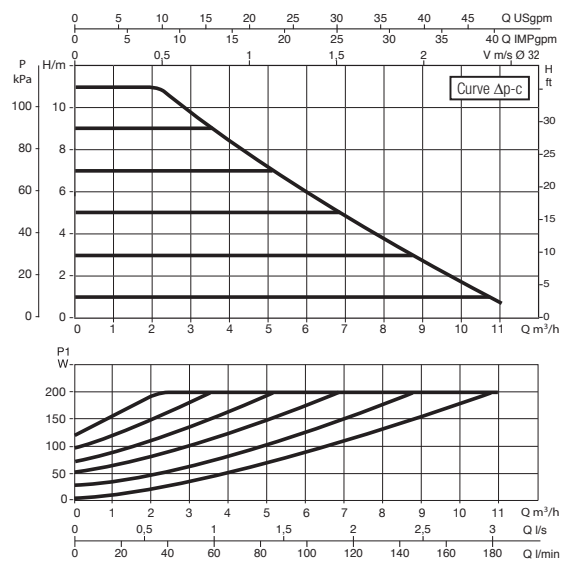
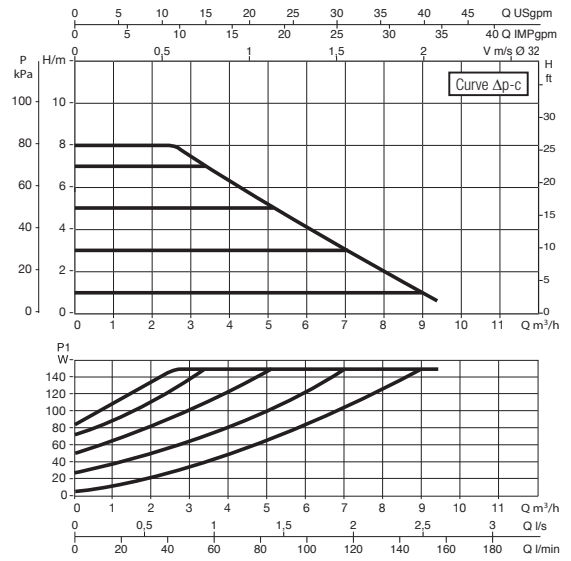
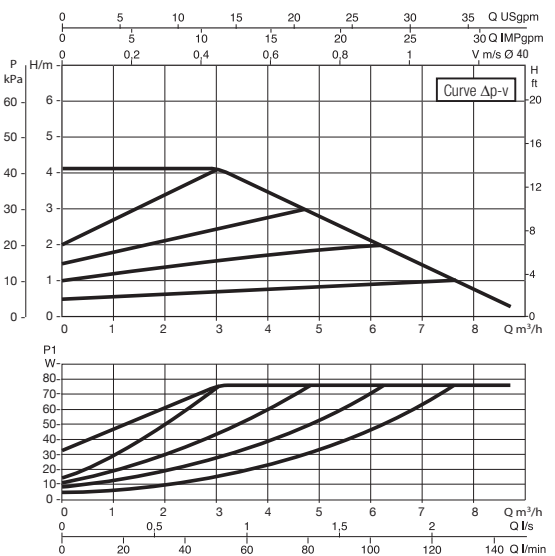
EVOPLUS B 80/220.32 SAN M



EVOPLUS B 110/220.32 SAN M



EVOPLUS B 40/250.40 SAN M

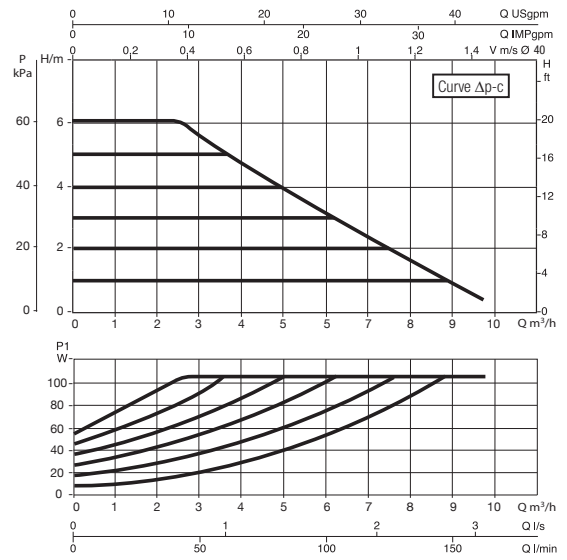
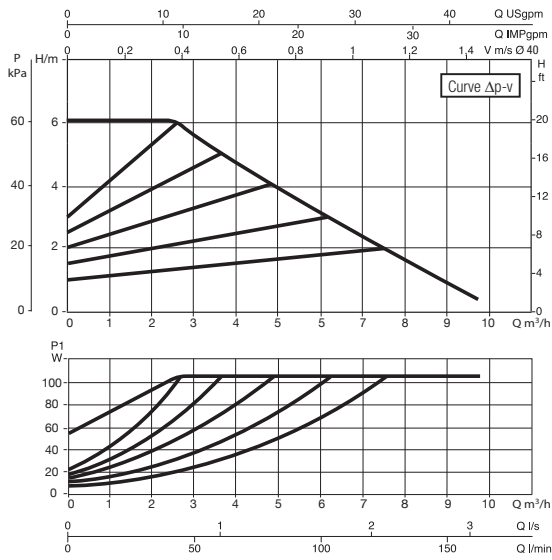


The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

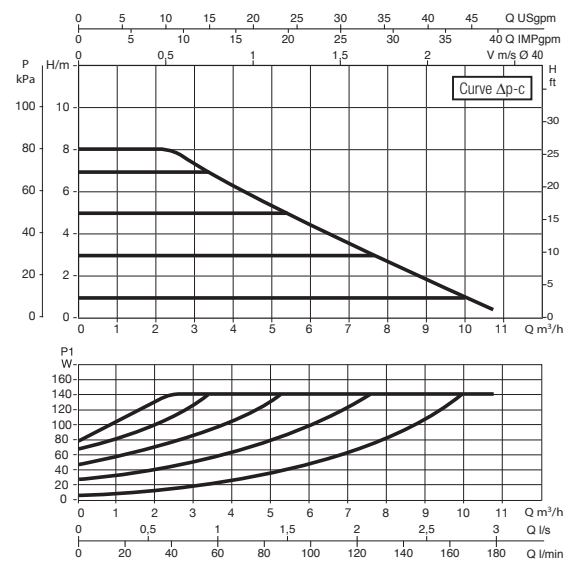
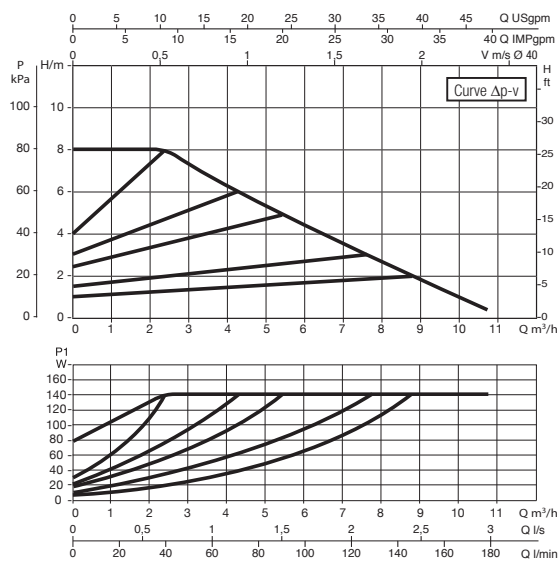
EVOPLUS SMALL

ELECTRONIC CIRCULATORS FOR SMALL COMMUNITY HEATING

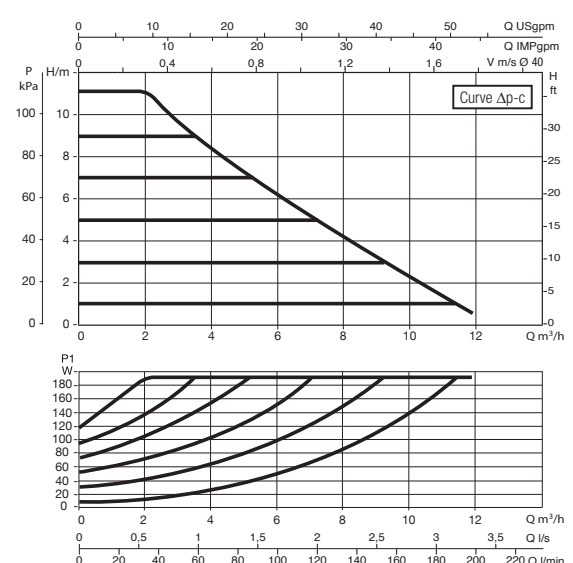
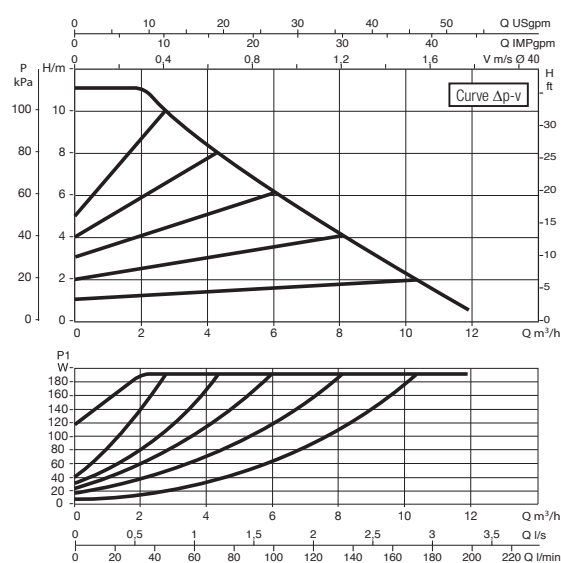
EVOPLUS B 60/250.40 SAN M



EVOPLUS B 80/250.40 SAN M



EVOPLUS B 110/250.40 SAN M

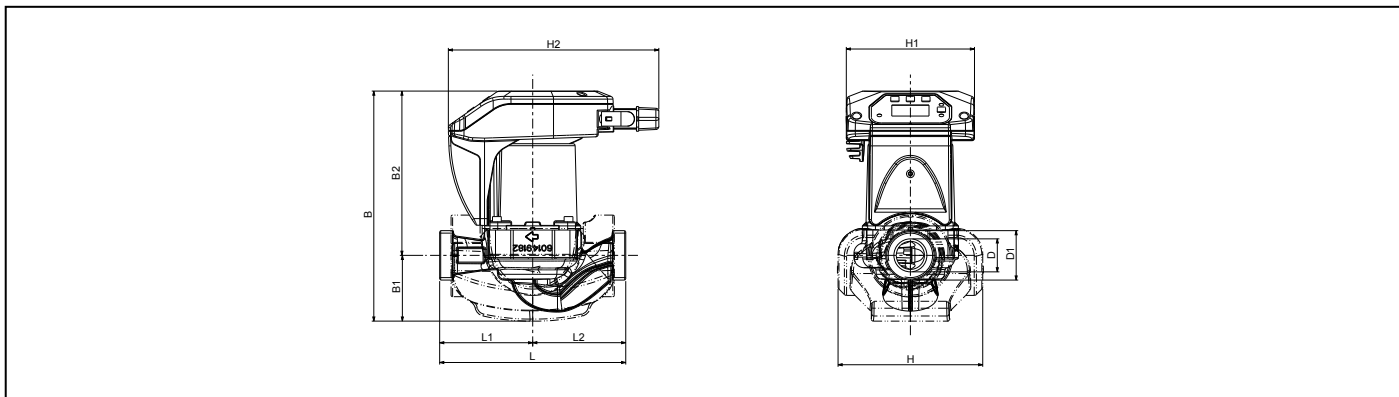


The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

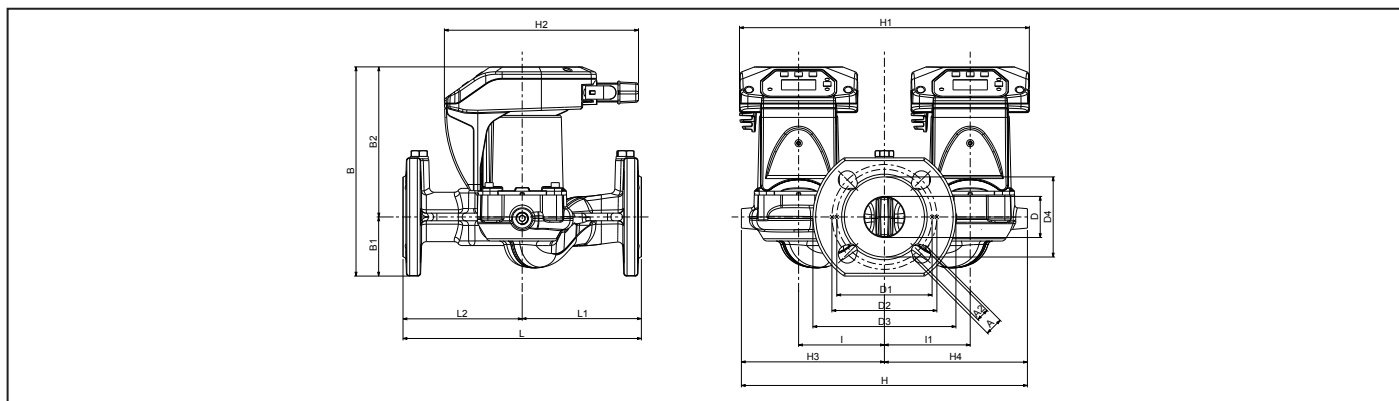
EVOPLUS SMALL

ELECTRONIC CIRCULATORS FOR SMALL COMMUNITY HEATING

DIMENSIONS



| MODEL | L | L1 | L2 | L3 | A | B | B1 | B2 | D | D1 | D2 | D3 | D4 | I | I1 | I2 | I3 | M | H | H1 | H2 |
|----------------------------|-----|-----|-----|----|----|-----|----|-----|----|--------|-----|-----|----|----|----|----|----|----|-----|-----|-----|
| EVOPLUS .../180 M | 180 | 90 | 90 | -- | -- | 223 | 64 | 159 | 32 | 1 1/2" | -- | -- | -- | -- | -- | -- | -- | -- | 140 | 124 | 204 |
| EVOPLUS .../180 XM | 180 | 90 | 90 | -- | -- | 223 | 64 | 159 | 32 | 2" | -- | -- | -- | -- | -- | -- | -- | -- | 140 | 124 | 204 |
| EVOPLUS B .../220.32 M | 220 | 110 | 110 | 19 | 14 | 248 | 64 | 184 | 40 | 90 | 100 | 140 | 76 | -- | -- | -- | -- | -- | 140 | 124 | 204 |
| EVOPLUS B .../250.40 M | 250 | 125 | 125 | 19 | 14 | 248 | 64 | 184 | 43 | 100 | 110 | 150 | 84 | -- | -- | -- | -- | -- | 140 | 124 | 204 |
| EVOPLUS .../180 SAN M | 180 | 90 | 90 | -- | -- | 223 | 64 | 159 | 32 | 1 1/2" | -- | -- | -- | -- | -- | -- | -- | -- | 140 | 124 | 204 |
| EVOPLUS B .../220.32 SAN M | 220 | 110 | 110 | 19 | 14 | 248 | 64 | 184 | 40 | 90 | 100 | 140 | 76 | -- | -- | -- | -- | -- | 140 | 124 | 204 |
| EVOPLUS B .../250.40 SAN M | 250 | 125 | 125 | 19 | 14 | 248 | 64 | 184 | 43 | 100 | 110 | 150 | 84 | -- | -- | -- | -- | -- | 140 | 124 | 204 |



| MODEL | L | L1 | L2 | L3 | A | B | B1 | B2 | D | D1 | D2 | D3 | D4 | I | I1 | M | H | H1 | H2 | H3 | H4 |
|------------------------|-----|-----|-----|----|----|-----|----|-----|----|-----|-----|-----|----|----|----|----|-----|-----|-----|-----|-----|
| EVOPLUS D .../220.32 M | 220 | 125 | 125 | 19 | 14 | 220 | 62 | 158 | 43 | 100 | 110 | 150 | 84 | 90 | 90 | -- | 300 | 304 | 204 | 150 | 150 |
| EVOPLUS D .../250.40 M | 250 | 125 | 125 | 19 | 14 | 220 | 62 | 158 | 43 | 100 | 110 | 150 | 84 | 90 | 90 | -- | 300 | 304 | 204 | 150 | 150 |



EVOPLUS electronic circulators can be used in heating, ventilation and air conditioning systems for residential and commercial buildings. In all correctly sized installations, the electronically controlled wet rotor pumps constantly ensure sufficient power and, simultaneously, lower noise emissions, greater comfort and a significant reduction in running costs. All models fitted with flanged pump body are available in both single and twin versions. The user interface is easy to use and easy to understand.



Circulator protection rate IP 44

Insulation class F

Standard voltage

single-phase 220/240V, 50/60Hz

In accordance with European standards

EN 61800-3 - EN 60335-1 - EN 60335-2-51

Operating range

from 2 to 75.6 m³/h with head up to 18 meters.

Liquid Temperature range

from -10 °C to 110 °C

Pumped liquid clean, free from solids and mineral oils, not viscous, chemically neutral, close to the properties of water (max. glycol contents 30%)

Maximum working pressure 16 bar (1600 kPa)

Standard flanging

DN 32, DN 40, DN 50, DN 65, PN 6 / PN 10 / PN 16 (4 slots), DN 80 e DN 100, PN 6 (4 slots) usable with flange 4 holes PN10.

Special version on demand

DN 80, DN 100 PN 10 / PN 16 (8 holes)

Installation with horizontal motor shaft



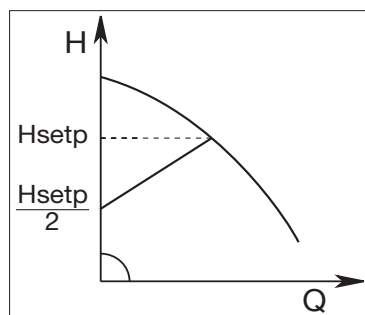
evoplus⁺

MODES OF OPERATION

All the functions listed below can be consulted by the users (including less experienced ones) by simply scrolling through the menu. The calibration and the modification of the parameters are protected, and can only be completed by expert users. The factory settings of the EVOPLUS range are for proportional differential pressure control mode in the curve that ensures the best energy efficiency index (EEI).

1 - ΔP -v proportional differential pressure adjustment mode

With ΔP -v adjustment mode, with the variation of the flow rate, the value of the delivery of the head also varies in a linear manner, from Hsetp to Hsetp/2.



This adjustment is particularly indicated for the following systems:

a. Two-pipe heating systems with thermostat valves and with:

- head greater than 4 metres;
- very long circuit piping;
- valves with wide operating range;
- differential pressure regulators;
- high pressure drops in those parts of the system carrying the entirety of the water flow rate;
- low differential pressure.

b. Under-floor central heating systems with thermostatic valves and significant pressure drops in the boiler circuit.

c. Systems with primary circuit pumps with high pressure drops.

Example of set-up of the set-point with ΔP -v

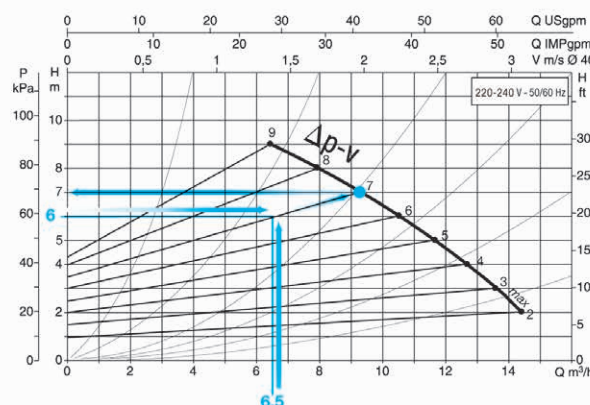
The following operating point is required:

$$Q = 6,5 \text{ m}^3/\text{h}$$

$$H = 6 \text{ m}$$

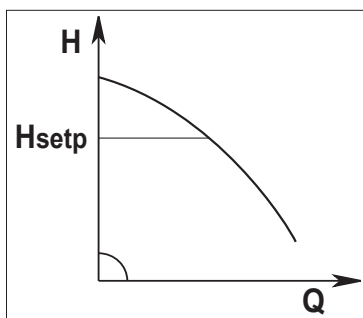
PROCEDURE:

1. In the graph, find the desired operating point, and then find the EVOPLUS curve closest to it (in this case the point lies precisely on the curve)
2. Follow the curve upwards until reaching the intersection with the limit curve of the circulator.
3. The head reading at this limit point is the set-point head that must be entered to obtain the desired operating point.



2 - ΔP -c constant differential pressure adjustment mode

The ΔP -c adjustment mode keeps the differential pressure of the system constantly at the H setp value set, even in case of variation of the flow rate.



This adjustment is particularly indicated for the following systems:

a. Two-pipe heating systems with thermostat valves and with:

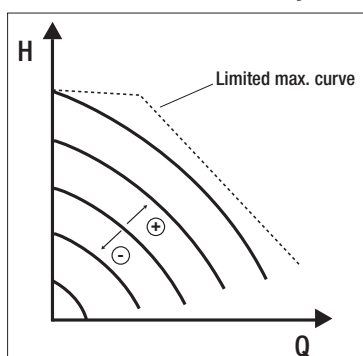
- head lower than 2 metres;
- natural circulation;
- low pressure drops in those parts of the system carrying the entirety of the water flow rate;
- high differential temperature (central heating).

b. underfloor heating systems with thermostat valves

c. single-pipe heating systems with thermostat valves and calibration valves

d. Systems with primary circuit pumps with low pressure drops.

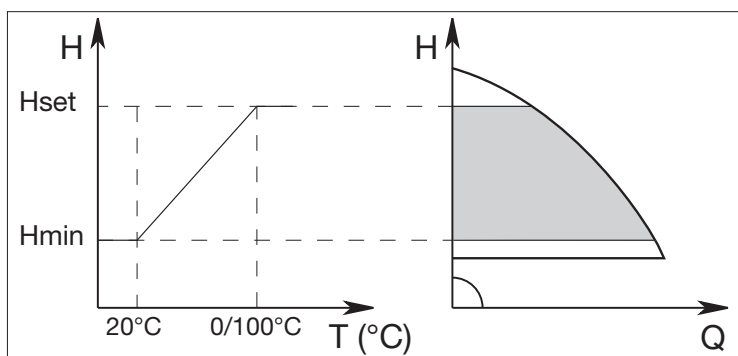
3 - Constant curve adjustment modes



In this control mode, the circulator works based on constant speed characteristic curves. The operation curve is selected by setting the rotation speed using a percentage factor. The 100 % value indicates the maximum limit curve. The actual rotation speed may be affected by the power and differential pressure limitations of the actual circulator model. The rotation speed may be set using the display, or either a 0-10 V or PWM external signal.

Control mode indicated for constant flow rate heating and air conditioning systems.

4 - Constant differential pressure control mode with proportional control based on the water temperature



This adjustment is particularly indicated for the following systems:

- a. - in variable flow rate systems (two-pipe central heating systems), for which a further reduction of the circulator performance levels is provided in accordance with the lowering of the temperature of the circulating liquid, in case of reduced heating demand.
- b. - in constant flow rate systems (single-pipe and under-floor central heating systems), where the performance of the circulator can only be adjusted by activating the temperature influence function. It is set through the EVOPLUS control panel.

ECONOMY MODE

The economy function can be set directly on the control panel, by setting a reduction value (f.rid), the maximum value of which can be 50%. In all the previously listed settings, the Hset value must be replaced with an $Hset \times f.rid$.

EVOPLUS

CIRCULATORS FOR HEATING AND AIR-CONDITIONING SYSTEMS

TECHNICAL DATA - EVOPLUS B - MEDIUM

Pumped liquid temperature range: from -10 °C to +110 °C
Maximum operating pressure: 16 bar (1600 kPa)

| MODEL | CENTRE DISTANCE mm | ELECTRICAL DATA | | COUNTERFLANGES ON REQUEST | EEI | MINIMUM SUCTION PRESSURE | | |
|------------------------|-----------------------|------------------|-------------|------------------------------|------------|--------------------------|------|-------|
| | | VOLTAGE 60 Hz | P1 MAX W | | | t° | 90°C | 100°C |
| | | | | | | m.c.w. | 20 | 25 |
| EVOPLUS B 120/220.32 M | 220 | 220/240 V | 340 | DN 32 PN 6 | EEI ≤ 0,22 | m.c.w. | 20 | 25 |
| EVOPLUS B 40/220.40 M | 220 | 220/240 V | 90 | DN 40 PN 10 | EEI ≤ 0,23 | m.c.w. | 20 | 25 |
| EVOPLUS B 60/220.40 M | 220 | 220/240 V | 175 | DN 40 PN 10 | EEI ≤ 0,23 | m.c.w. | 20 | 25 |
| EVOPLUS B 80/220.40 M | 220 | 220/240 V | 260 | DN 40 PN 10 | EEI ≤ 0,21 | m.c.w. | 20 | 25 |
| EVOPLUS B 100/220.40 M | 220 | 220/240 V | 350 | DN 40 PN 10 | EEI ≤ 0,20 | m.c.w. | 20 | 25 |
| EVOPLUS B 120/250.40 M | 250 | 220/240 V | 465 | DN 40 PN 10 | EEI ≤ 0,20 | m.c.w. | 20 | 25 |
| EVOPLUS B 150/250.40 M | 250 | 220/240 V | 610 | DN 40 PN 10 | EEI ≤ 0,20 | m.c.w. | 20 | 25 |
| EVOPLUS B 180/250.40 M | 250 | 220/240 V | 610 | DN 40 PN 10 | EEI ≤ 0,20 | m.c.w. | 20 | 25 |
| EVOPLUS B 40/240.50 M | 240 | 220/240 V | 140 | DN 50 PN 10 | EEI ≤ 0,23 | m.c.w. | 20 | 25 |
| EVOPLUS B 60/240.50 M | 240 | 220/240 V | 260 | DN 50 PN 10 | EEI ≤ 0,21 | m.c.w. | 20 | 25 |
| EVOPLUS B 80/240.50 M | 240 | 220/240 V | 330 | DN 50 PN 10 | EEI ≤ 0,21 | m.c.w. | 20 | 25 |
| EVOPLUS B 100/280.50 M | 280 | 220/240 V | 430 | DN 50 PN 10 | EEI ≤ 0,20 | m.c.w. | 20 | 25 |
| EVOPLUS B 120/280.50 M | 280 | 220/240 V | 530 | DN 50 PN 10 | EEI ≤ 0,19 | m.c.w. | 20 | 25 |
| EVOPLUS B 150/280.50 M | 280 | 220/240 V | 640 | DN 50 PN 10 | EEI ≤ 0,19 | m.c.w. | 20 | 25 |
| EVOPLUS B 180/280.50 M | 280 | 220/240 V | 750 | DN 50 PN 10 | EEI ≤ 0,19 | m.c.w. | 20 | 25 |
| EVOPLUS B 40/340.65 M | 340 | 220/240 V | 190 | DN 65 PN 10 | EEI ≤ 0,21 | m.c.w. | 20 | 25 |
| EVOPLUS B 60/340.65 M | 340 | 220/240 V | 355 | DN 65 PN 10 | EEI ≤ 0,20 | m.c.w. | 20 | 25 |
| EVOPLUS B 80/340.65 M | 340 | 220/240 V | 465 | DN 65 PN 10 | EEI ≤ 0,19 | m.c.w. | 20 | 25 |
| EVOPLUS B 100/340.65 M | 340 | 220/240 V | 590 | DN 65 PN 10 | EEI ≤ 0,18 | m.c.w. | 20 | 25 |
| EVOPLUS B 120/340.65 M | 340 | 220/240 V | 730 | DN 65 PN 10 | EEI ≤ 0,18 | m.c.w. | 20 | 25 |
| EVOPLUS B 150/340.65 M | 340 | 220/240 V | 1210 | DN 65 PN 10 | EEI ≤ 0,18 | m.c.w. | 20 | 25 |

TECHNICAL DATA - EVOPLUS B - LARGE

Pumped liquid temperature range: from -10 °C to +110 °C
Maximum operating pressure: 16 bar (1600 kPa)

| MODEL | CENTRE DISTANCE mm | ELECTRICAL DATA | | COUNTERFLANGES ON REQUEST | EEI | MINIMUM SUCTION PRESSURE | | |
|-------------------------|-----------------------|------------------|-------------|------------------------------|------------|--------------------------|------|-------|
| | | VOLTAGE 60 Hz | P1 MAX W | | | t° | 90°C | 100°C |
| | | | | | | m.c.w. | 20 | 25 |
| EVOPLUS B 40/360.80 M | 360 | 220/240 V | 330 | DN 80 PN 16 | EEI ≤ 0,19 | m.c.w. | 20 | 25 |
| EVOPLUS B 60/360.80 M | 360 | 220/240 V | 535 | DN 80 PN 16 | EEI ≤ 0,20 | m.c.w. | 20 | 25 |
| EVOPLUS B 80/360.80 M | 360 | 220/240 V | 670 | DN 80 PN 16 | EEI ≤ 0,20 | m.c.w. | 20 | 25 |
| EVOPLUS B 100/360.80 M | 360 | 220/240 V | 1005 | DN 80 PN 16 | EEI ≤ 0,19 | m.c.w. | 20 | 25 |
| EVOPLUS B 120/360.80 M | 360 | 220/240 V | 1235 | DN 80 PN 16 | EEI ≤ 0,19 | m.c.w. | 20 | 25 |
| EVOPLUS B 40/450.100 M | 450 | 220/240 V | 530 | DN 100 PN 16 | EEI ≤ 0,19 | m.c.w. | 20 | 25 |
| EVOPLUS B 60/450.100 M | 450 | 220/240 V | 760 | DN 100 PN 16 | EEI ≤ 0,18 | m.c.w. | 20 | 25 |
| EVOPLUS B 80/450.100 M | 450 | 220/240 V | 1080 | DN 100 PN 16 | EEI ≤ 0,18 | m.c.w. | 20 | 25 |
| EVOPLUS B 100/450.100 M | 450 | 220/240 V | 1380 | DN 100 PN 16 | EEI ≤ 0,19 | m.c.w. | 20 | 25 |
| EVOPLUS B 120/450.100 M | 450 | 220/240 V | 1560 | DN 100 PN 16 | EEI ≤ 0,19 | m.c.w. | 20 | 25 |

EVOPLUS

CIRCULATORS FOR HEATING AND AIR-CONDITIONING SYSTEMS

TECHNICAL DATA - EVOPLUS D - MEDIUM

Pumped liquid temperature range: from -10 °C to +110 °C
Maximum operating pressure: 16 bar (1600 kPa)

| MODEL | CENTRE DISTANCE mm | ELECTRICAL DATA | | COUNTERFLANGES ON REQUEST | EEI | MINIMUM SUCTION PRESSURE | | |
|------------------------|-----------------------|------------------|-------------|------------------------------|------------|--------------------------|------|-------|
| | | VOLTAGE 60 Hz | P1 MAX W | | | t° | 90°C | 100°C |
| | | | | | | | | |
| EVOPLUS D 120/220.32 M | 220 | 220/240 V | 340 | DN 32 PN 6 | EEI ≤ 0,22 | m.c.w. | 20 | 25 |
| EVOPLUS D 40/220.40 M | 220 | 220/240 V | 90 | DN 40 PN 10 | EEI ≤ 0,23 | m.c.w. | 20 | 25 |
| EVOPLUS D 60/220.40 M | 220 | 220/240 V | 175 | DN 40 PN 10 | EEI ≤ 0,23 | m.c.w. | 20 | 25 |
| EVOPLUS D 80/220.40 M | 220 | 220/240 V | 260 | DN 40 PN 10 | EEI ≤ 0,23 | m.c.w. | 20 | 25 |
| EVOPLUS D 100/220.40 M | 220 | 220/240 V | 350 | DN 40 PN 10 | EEI ≤ 0,23 | m.c.w. | 20 | 25 |
| EVOPLUS D 120/250.40 M | 250 | 220/240 V | 465 | DN 40 PN 10 | EEI ≤ 0,23 | m.c.w. | 20 | 25 |
| EVOPLUS D 150/250.40 M | 250 | 220/240 V | 610 | DN 40 PN 10 | EEI ≤ 0,23 | m.c.w. | 20 | 25 |
| EVOPLUS D 180/250.40 M | 250 | 220/240 V | 610 | DN 40 PN 10 | EEI ≤ 0,23 | m.c.w. | 20 | 25 |
| EVOPLUS D 40/240.50 M | 240 | 220/240 V | 140 | DN 50 PN 10 | EEI ≤ 0,23 | m.c.w. | 20 | 25 |
| EVOPLUS D 60/240.50 M | 240 | 220/240 V | 260 | DN 50 PN 10 | EEI ≤ 0,22 | m.c.w. | 20 | 25 |
| EVOPLUS D 80/240.50 M | 240 | 220/240 V | 330 | DN 50 PN 10 | EEI ≤ 0,22 | m.c.w. | 20 | 25 |
| EVOPLUS D 100/280.50 M | 280 | 220/240 V | 430 | DN 50 PN 10 | EEI ≤ 0,22 | m.c.w. | 20 | 25 |
| EVOPLUS D 120/280.50 M | 280 | 220/240 V | 530 | DN 50 PN 10 | EEI ≤ 0,22 | m.c.w. | 20 | 25 |
| EVOPLUS D 150/280.50 M | 280 | 220/240 V | 640 | DN 50 PN 10 | EEI ≤ 0,21 | m.c.w. | 20 | 25 |
| EVOPLUS D 180/280.50 M | 280 | 220/240 V | 750 | DN 50 PN 10 | EEI ≤ 0,21 | m.c.w. | 20 | 25 |
| EVOPLUS D 40/340.65 M | 340 | 220/240 V | 190 | DN 65 PN 10 | EEI ≤ 0,21 | m.c.w. | 20 | 25 |
| EVOPLUS D 60/340.65 M | 340 | 220/240 V | 355 | DN 65 PN 10 | EEI ≤ 0,21 | m.c.w. | 20 | 25 |
| EVOPLUS D 80/340.65 M | 340 | 220/240 V | 465 | DN 65 PN 10 | EEI ≤ 0,21 | m.c.w. | 20 | 25 |
| EVOPLUS D 100/340.65 M | 340 | 220/240 V | 590 | DN 65 PN 10 | EEI ≤ 0,20 | m.c.w. | 20 | 25 |
| EVOPLUS D 120/340.65 M | 340 | 220/240 V | 730 | DN 65 PN 10 | EEI ≤ 0,20 | m.c.w. | 20 | 25 |
| EVOPLUS D 150/340.65 M | 340 | 220/240 V | 1210 | DN 65 PN 10 | EEI ≤ 0,20 | m.c.w. | 20 | 25 |

TECHNICAL DATA - EVOPLUS D - LARGE

Pumped liquid temperature range: from -10 °C to +110 °C
Maximum operating pressure: 16 bar (1600 kPa)

| MODEL | CENTRE DISTANCE mm | ELECTRICAL DATA | | COUNTERFLANGES ON REQUEST | EEI | MINIMUM SUCTION PRESSURE | | |
|-------------------------|-----------------------|------------------|-------------|------------------------------|------------|--------------------------|------|-------|
| | | VOLTAGE 60 Hz | P1 MAX W | | | t° | 90°C | 100°C |
| | | | | | | | | |
| EVOPLUS D 40/360.80 M | 360 | 220/240 V | 330 | DN 80 PN 16 | EEI ≤ 0,20 | m.c.w. | 20 | 25 |
| EVOPLUS D 60/360.80 M | 360 | 220/240 V | 535 | DN 80 PN 16 | EEI ≤ 0,20 | m.c.w. | 20 | 25 |
| EVOPLUS D 80/360.80 M | 360 | 220/240 V | 670 | DN 80 PN 16 | EEI ≤ 0,20 | m.c.w. | 20 | 25 |
| EVOPLUS D 100/360.80 M | 360 | 220/240 V | 1005 | DN 80 PN 16 | EEI ≤ 0,19 | m.c.w. | 20 | 25 |
| EVOPLUS D 120/360.80 M | 360 | 220/240 V | 1235 | DN 80 PN 16 | EEI ≤ 0,19 | m.c.w. | 20 | 25 |
| EVOPLUS D 40/450.100 M | 450 | 220/240 V | 530 | DN 100 PN 16 | EEI ≤ 0,19 | m.c.w. | 20 | 25 |
| EVOPLUS D 60/450.100 M | 450 | 220/240 V | 760 | DN 100 PN 16 | EEI ≤ 0,19 | m.c.w. | 20 | 25 |
| EVOPLUS D 80/450.100 M | 450 | 220/240 V | 1080 | DN 100 PN 16 | EEI ≤ 0,20 | m.c.w. | 20 | 25 |
| EVOPLUS D 100/450.100 M | 450 | 220/240 V | 1380 | DN 100 PN 16 | EEI ≤ 0,20 | m.c.w. | 20 | 25 |
| EVOPLUS D 120/450.100 M | 450 | 220/240 V | 1560 | DN 100 PN 16 | EEI ≤ 0,20 | m.c.w. | 20 | 25 |

DCCONNECT
 COMMAND AND CONTROL SYSTEMS
 CIRCULATORS AND IN-LINE PUMPS
 MULTISIZE CENTRIFUGAL AND SELF-PRIMING PUMPS
 SWIMMING POOL, POND AND SALT WATER PUMPS
 CENTRIFUGAL PUMPS
 SUBMERSIBLE PUMPS
 SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS
 PRESSURE UNITS

EVOPLUS

CIRCULATORS FOR HEATING AND AIR-CONDITIONING SYSTEMS

TECHNICAL DATA - EVOPLUS SAN

Pumped liquid temperature range: from -10 °C to +110 °C
Maximum operating pressure: 16 bar (1600 kPa)

| MODEL | CENTRE DISTANCE mm | ELECTRICAL DATA | | COUNTERFLANGES ON REQUEST | MINIMUM SUCTION PRESSURE | | |
|----------------------------|-----------------------|------------------|-------------|------------------------------|--------------------------|------|-------|
| | | VOLTAGE 60 Hz | P1 MAX W | | t° | 90°C | 100°C |
| | | | | | m.c.w. | 20 | 25 |
| EVOPLUS B 120/220.32 SAN M | 220 | 220/240 V | 340 | DN 32 PN 10 | m.c.w. | 20 | 25 |
| EVOPLUS B 120/250.40 SAN M | 250 | 220/240 V | 465 | DN 40 PN 10 | m.c.w. | 20 | 25 |
| EVOPLUS B 150/250.40 SAN M | 250 | 220/240 V | 610 | DN 40 PN 10 | m.c.w. | 20 | 25 |
| EVOPLUS B 180/250.40 SAN M | 250 | 220/240 V | 610 | DN 40 PN 10 | m.c.w. | 20 | 25 |
| EVOPLUS B 100/280.50 SAN M | 280 | 220/240 V | 430 | DN 50 PN 10 | m.c.w. | 20 | 25 |
| EVOPLUS B 120/280.50 SAN M | 280 | 220/240 V | 530 | DN 50 PN 10 | m.c.w. | 20 | 25 |
| EVOPLUS B 150/280.50 SAN M | 280 | 220/240 V | 640 | DN 50 PN 10 | m.c.w. | 20 | 25 |
| EVOPLUS B 180/280.50 SAN M | 280 | 220/240 V | 750 | DN 50 PN 10 | m.c.w. | 20 | 25 |
| EVOPLUS B 40/340.65 SAN M | 340 | 220/240 V | 190 | DN 65 PN 10 | m.c.w. | 20 | 25 |
| EVOPLUS B 60/340.65 SAN M | 340 | 220/240 V | 355 | DN 65 PN 10 | m.c.w. | 20 | 25 |
| EVOPLUS B 80/340.65 SAN M | 340 | 220/240 V | 465 | DN 65 PN 10 | m.c.w. | 20 | 25 |
| EVOPLUS B 100/340.65 SAN M | 340 | 220/240 V | 590 | DN 65 PN 10 | m.c.w. | 20 | 25 |
| EVOPLUS B 120/340.65 SAN M | 340 | 220/240 V | 730 | DN 65 PN 10 | m.c.w. | 20 | 25 |
| EVOPLUS B 150/340.65 SAN M | 340 | 220/240 V | 1210 | DN 65 PN 10 | m.c.w. | 20 | 25 |

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

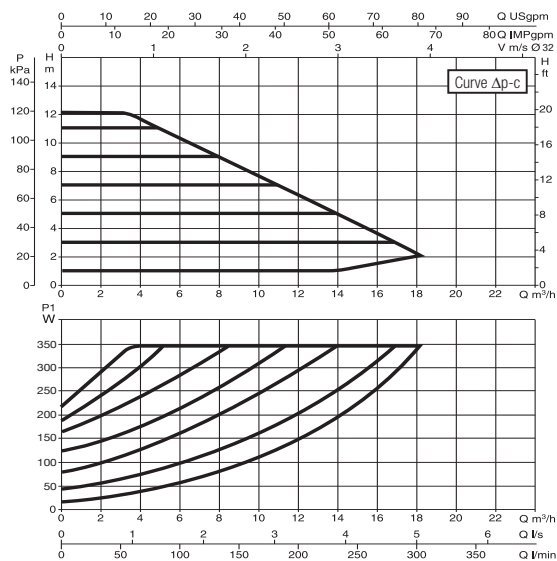
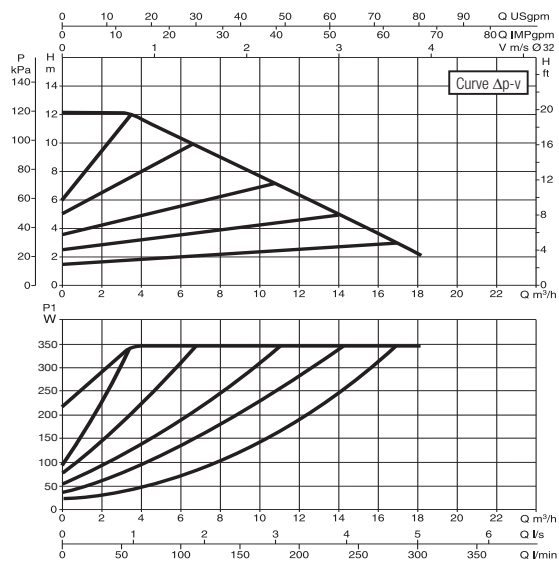
SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

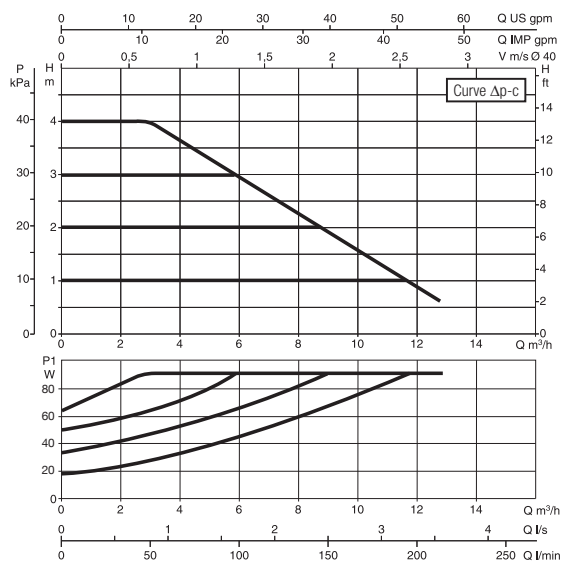
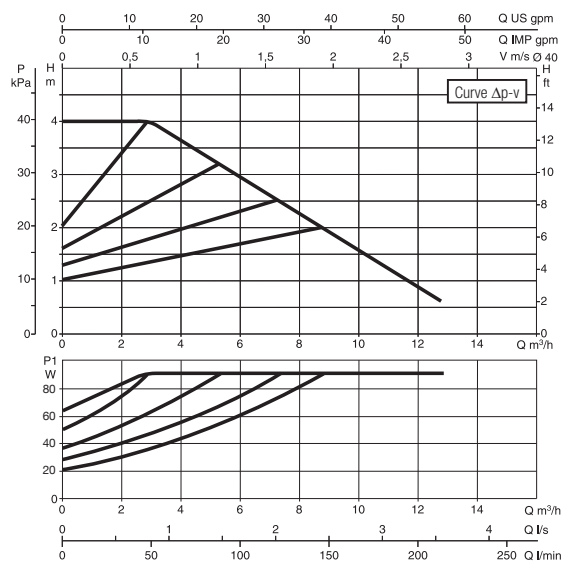
EVOPLUS

CIRCULATORS FOR HEATING AND AIR-CONDITIONING SYSTEMS

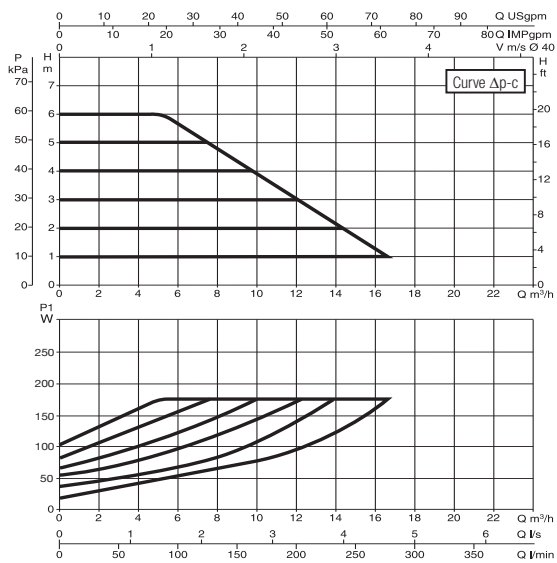
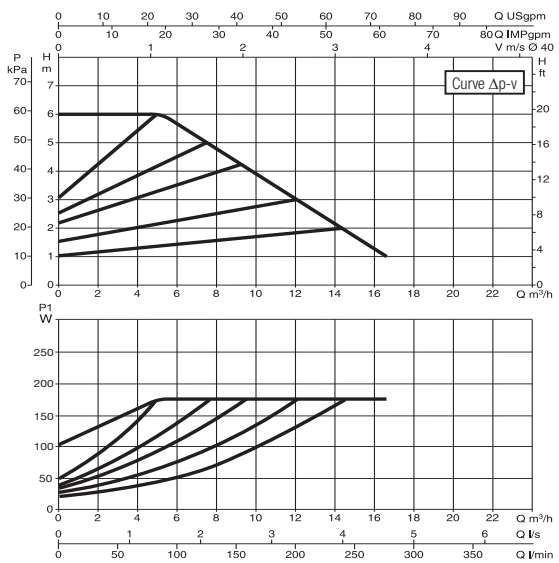
EVOPLUS B 120/220.32 M



EVOPLUS B 40/220.40 M



EVOPLUS B 60/220.40 M

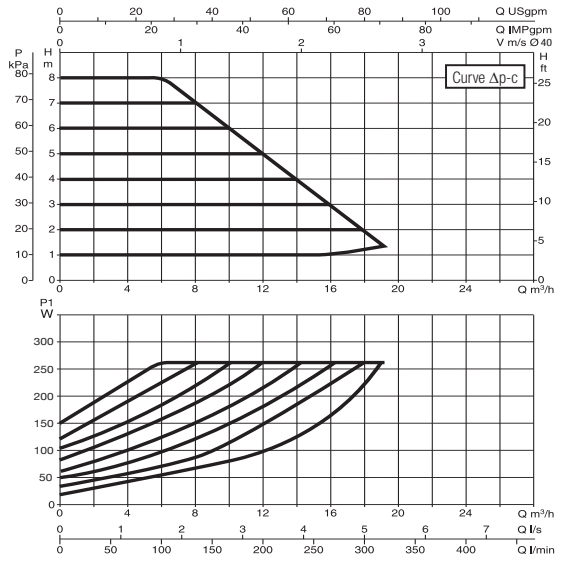
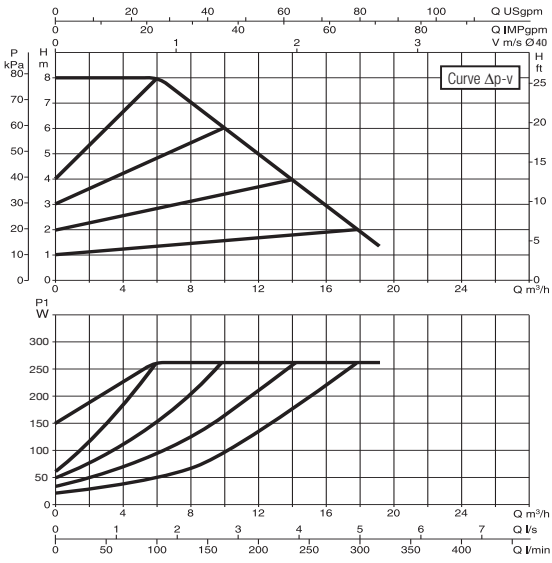


The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

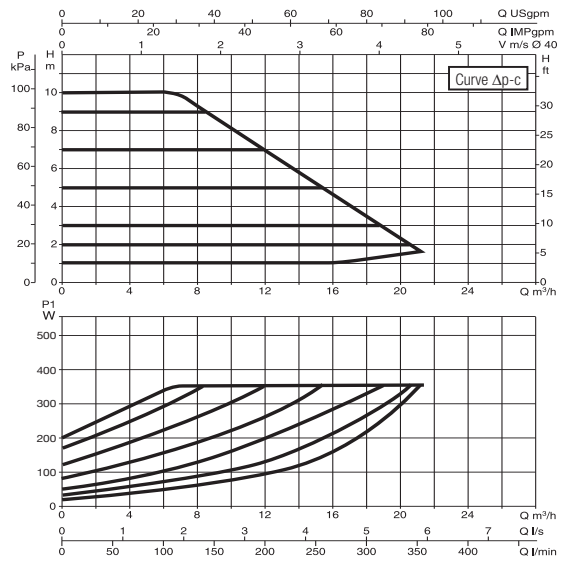
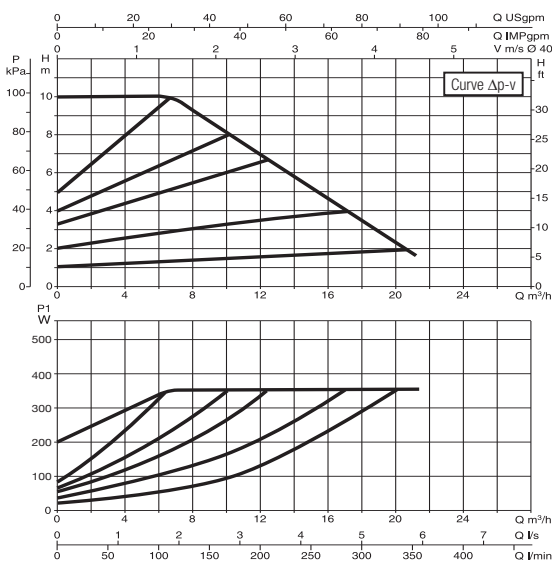
EVOPLUS

CIRCULATORS FOR HEATING AND AIR-CONDITIONING SYSTEMS

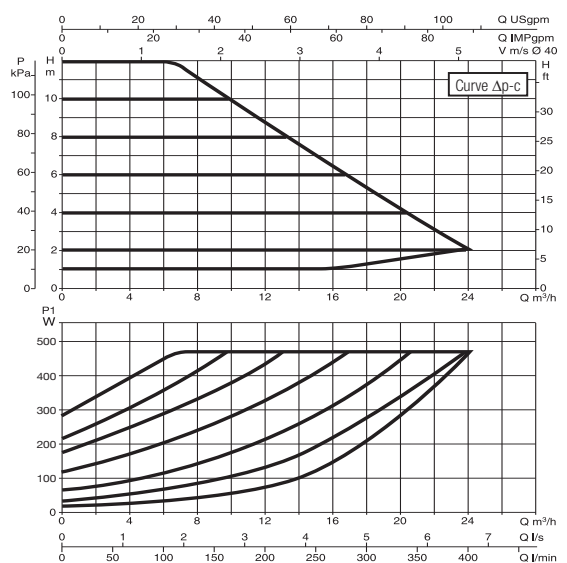
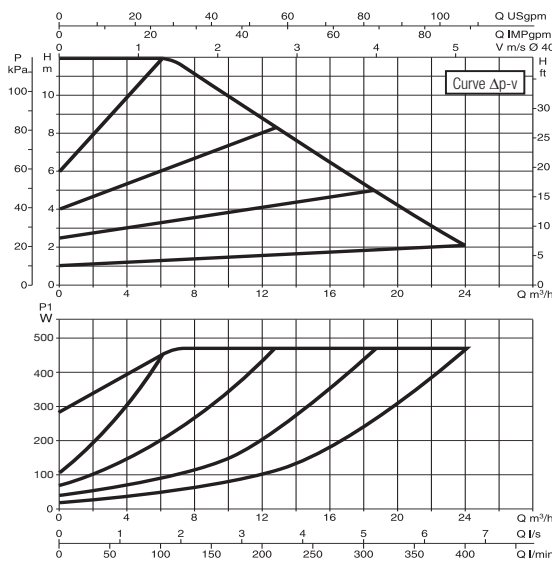
EVOPLUS B 80/220.40 M



EVOPLUS B 100/220.40 M



EVOPLUS B 120/250.40 M



The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

EVOPLUS

CIRCULATORS FOR HEATING AND AIR-CONDITIONING SYSTEMS

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

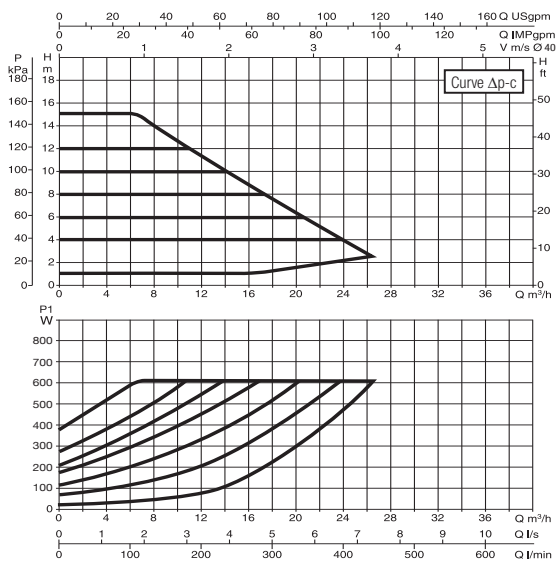
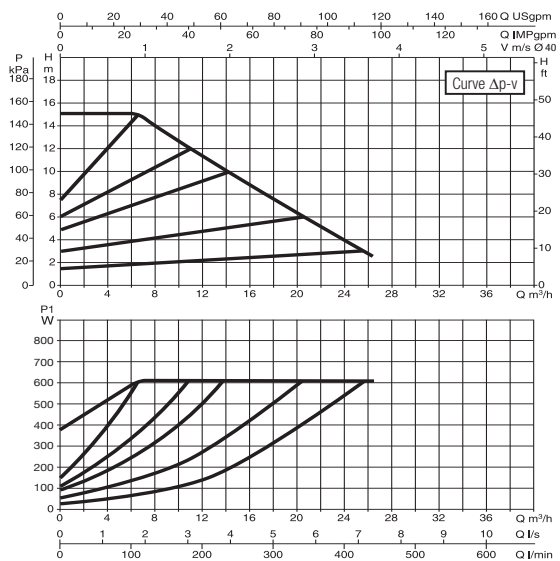
CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

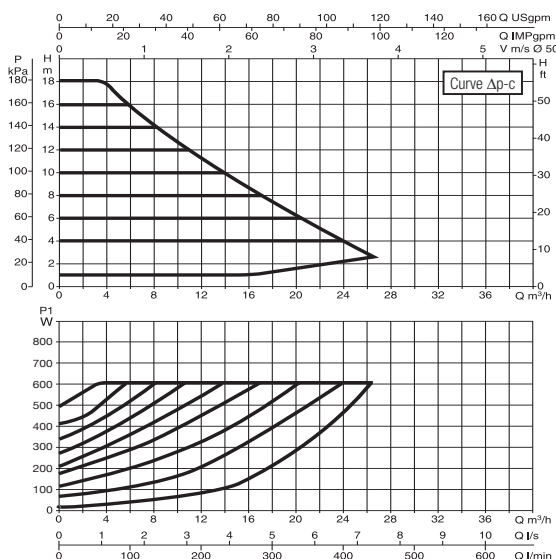
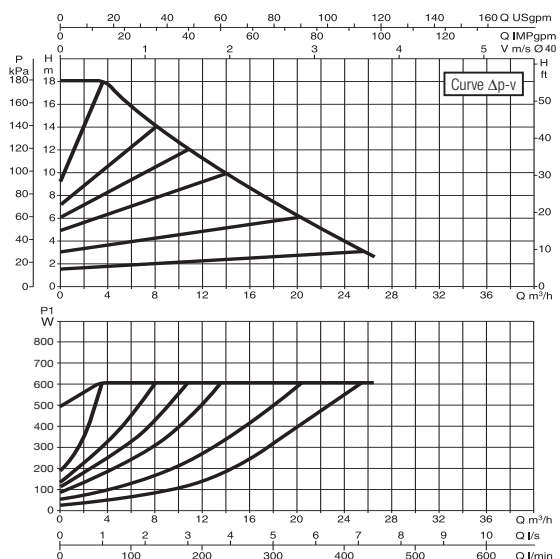
SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

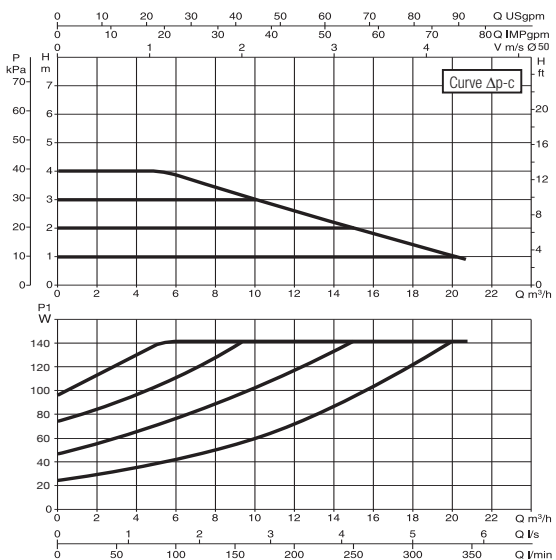
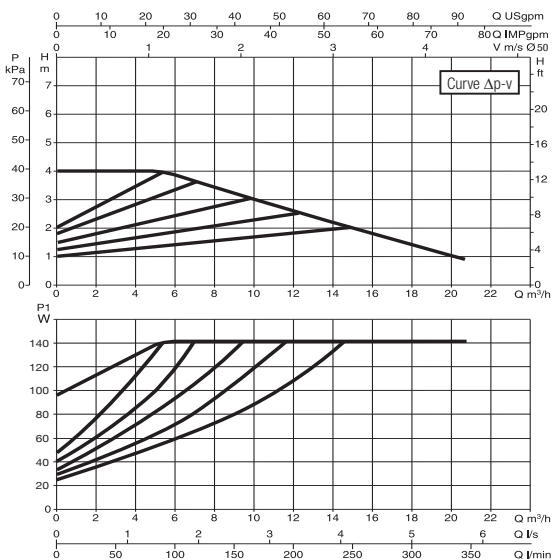
EVOPLUS B 150/250.40 M



EVOPLUS B 180/250.40 M



EVOPLUS B 40/240.50 M

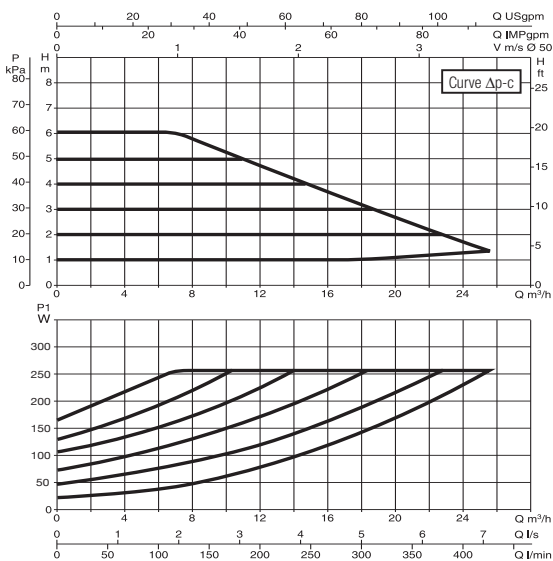
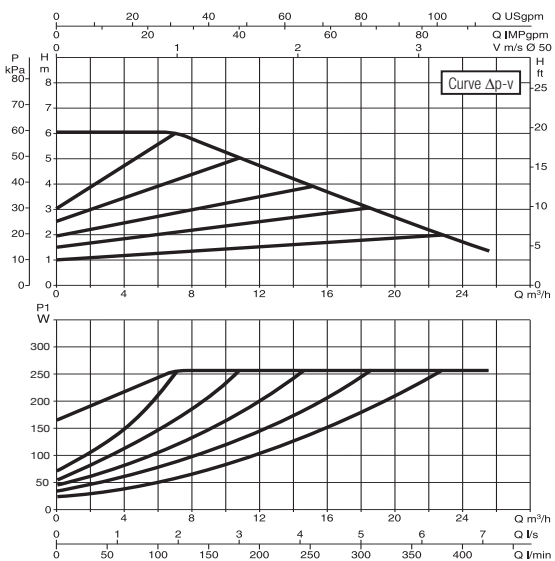


The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

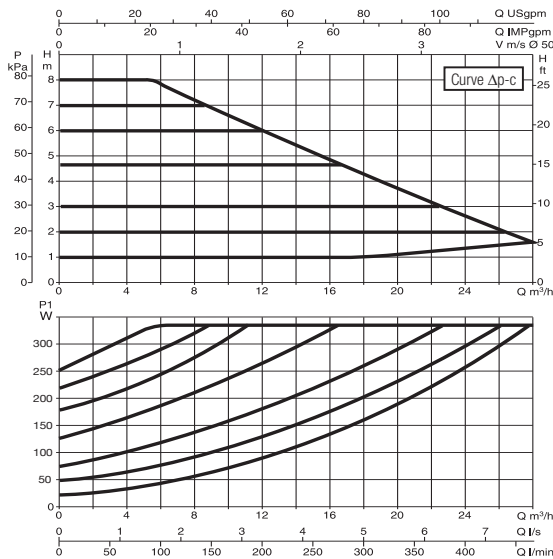
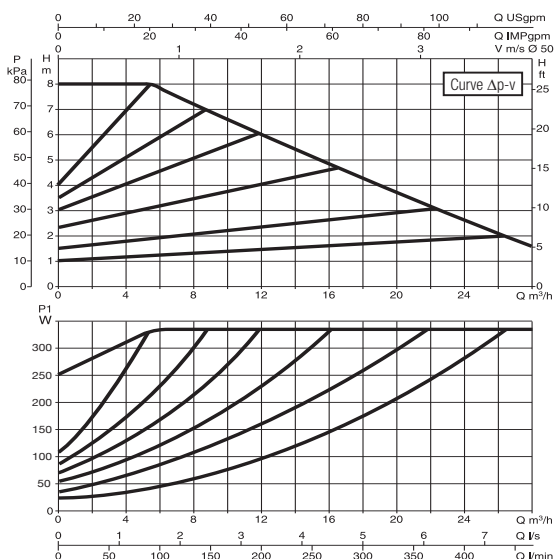
EVOPLUS

CIRCULATORS FOR HEATING AND AIR-CONDITIONING SYSTEMS

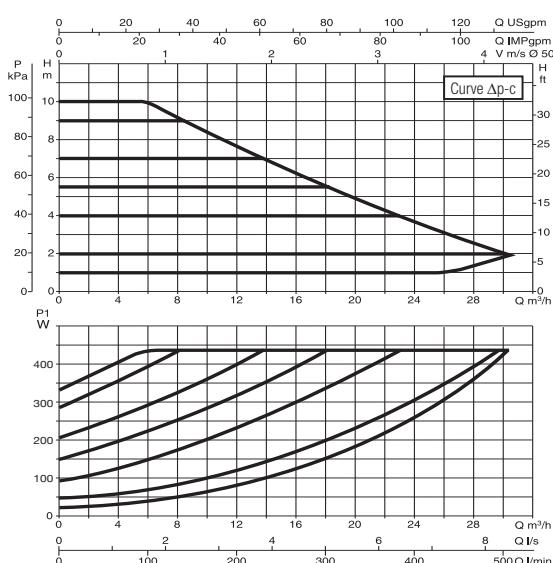
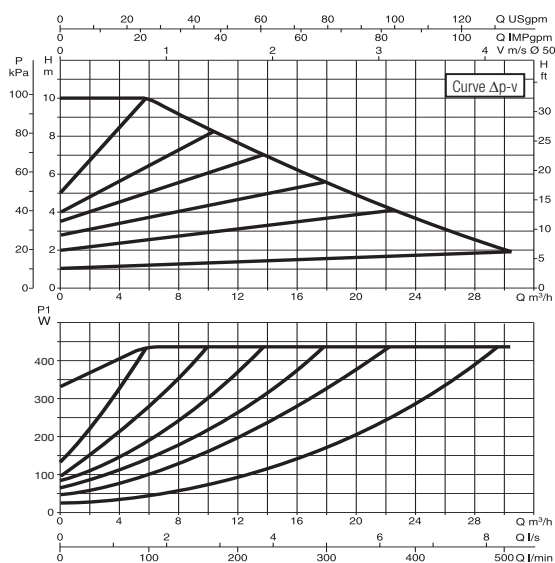
EVOPLUS B 60/240.50 M



EVOPLUS B 80/240.50 M



EVOPLUS B 100/280.50 M



The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

EVOPLUS

CIRCULATORS FOR HEATING AND AIR-CONDITIONING SYSTEMS

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

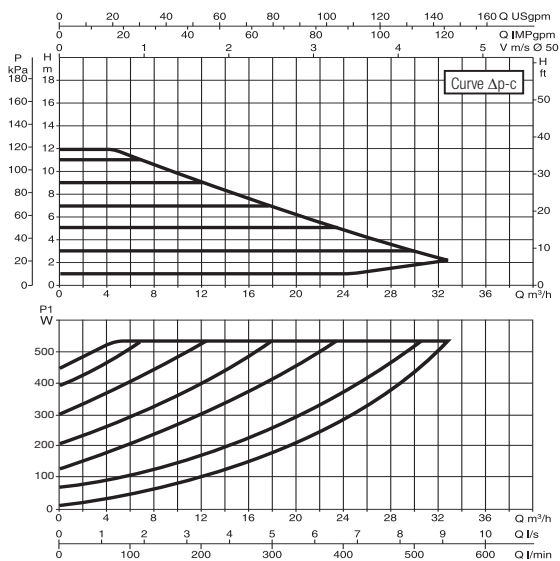
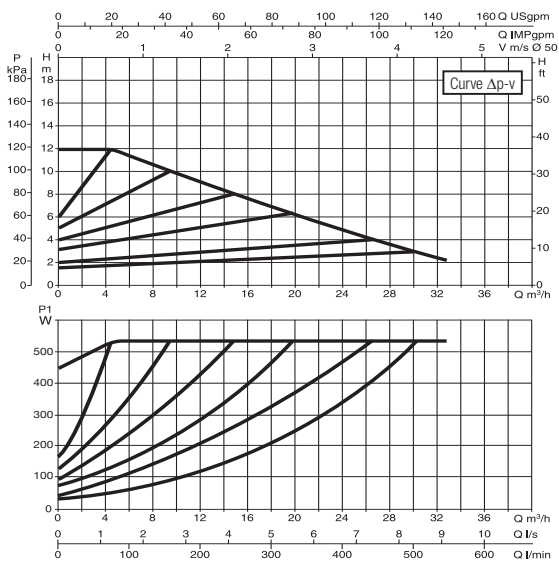
CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

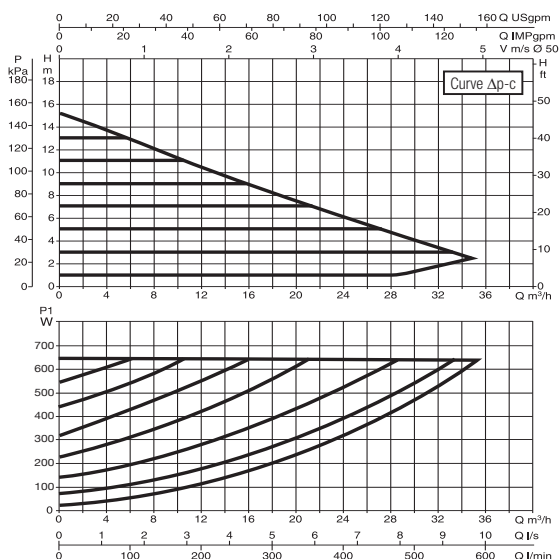
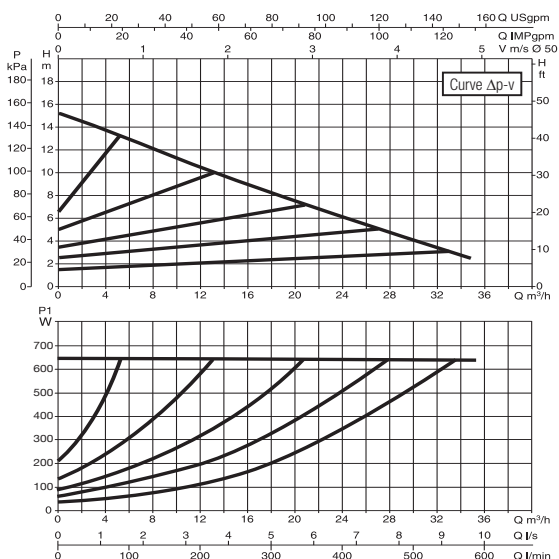
SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

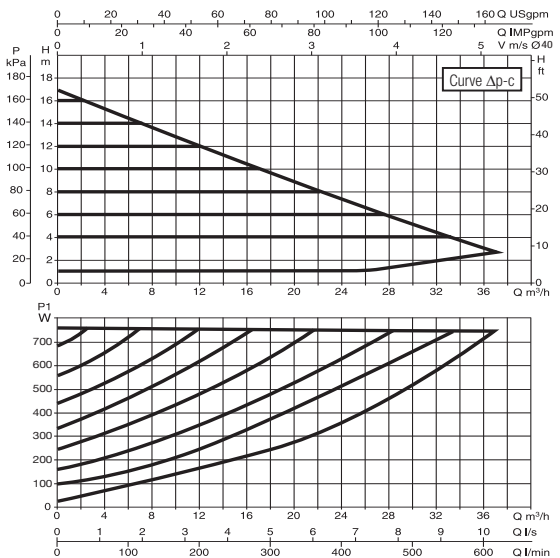
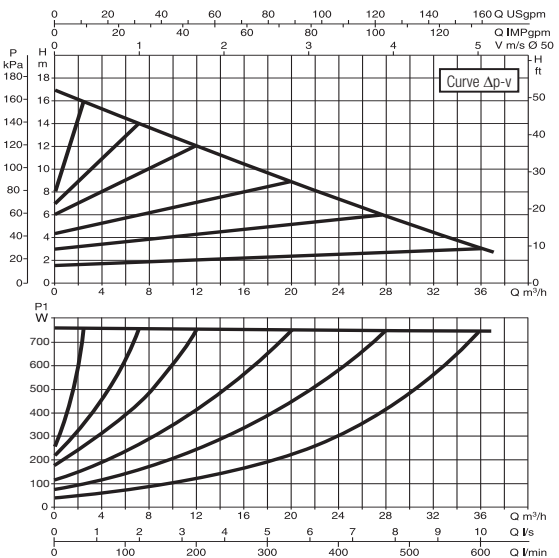
EVOPLUS B 120/280.50 M



EVOPLUS B 150/280.50 M



EVOPLUS B 180/280.50 M



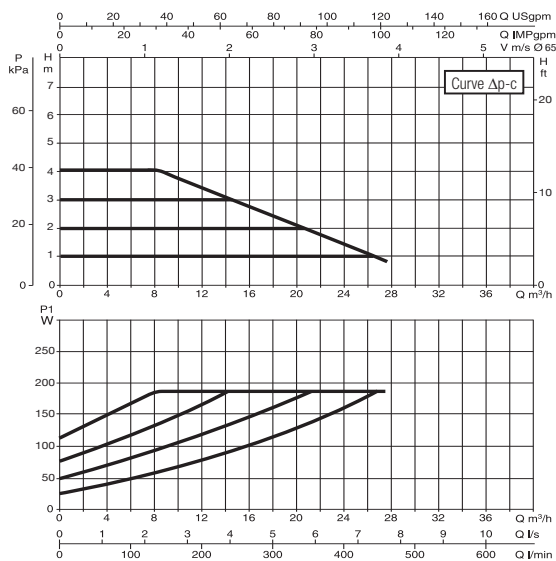
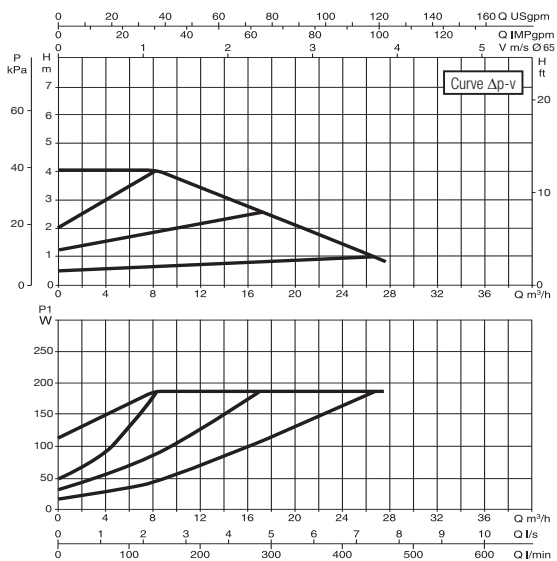
The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.



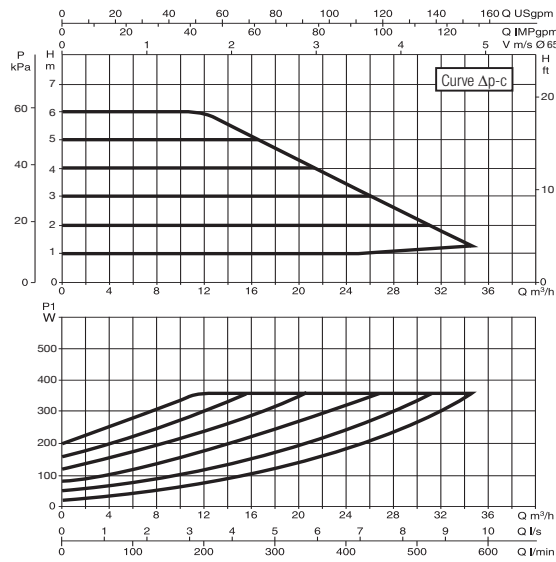
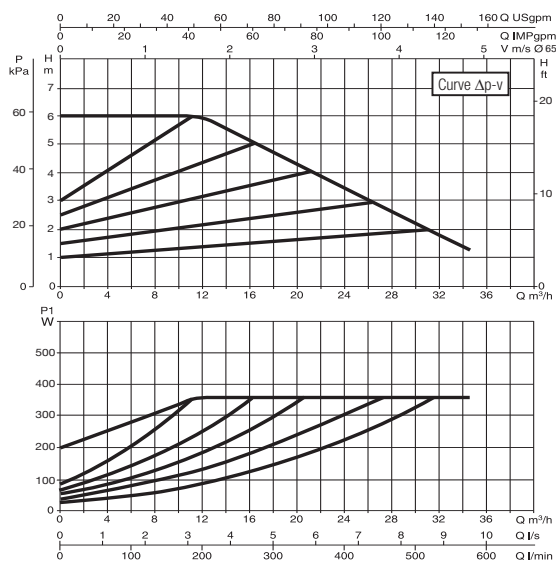
EVOPLUS

CIRCULATORS FOR HEATING AND AIR-CONDITIONING SYSTEMS

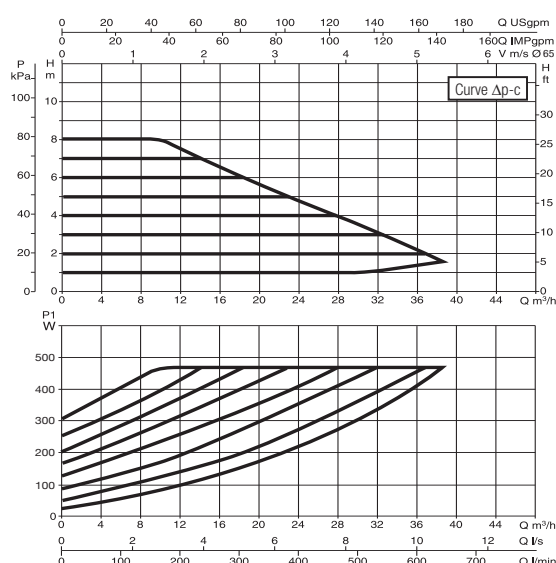
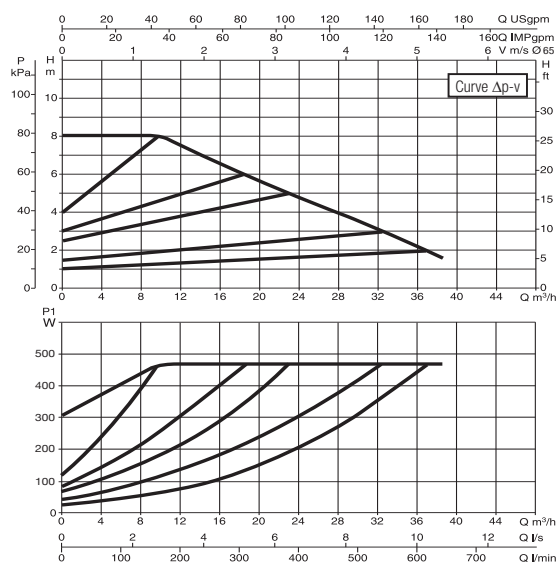
EVOPLUS B 40/340.65 M



EVOPLUS B 60/340.65 M



EVOPLUS B 80/340.65 M

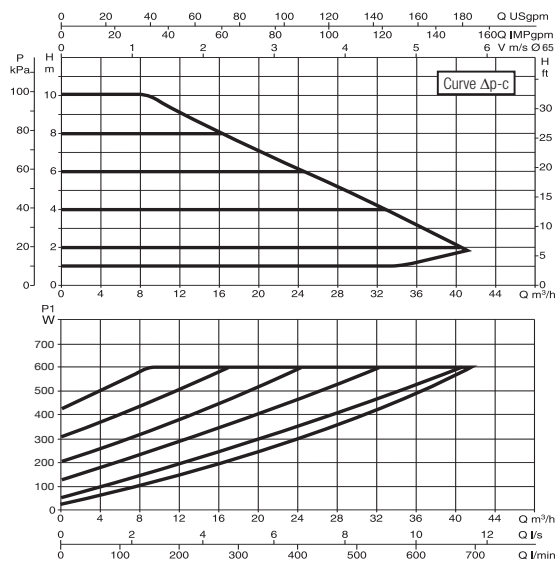
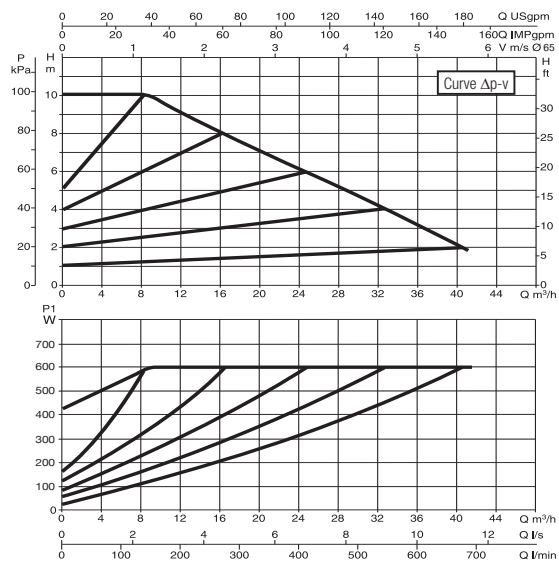


The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

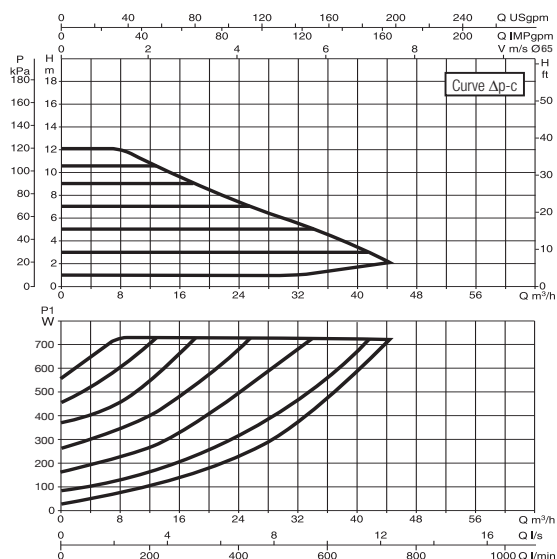
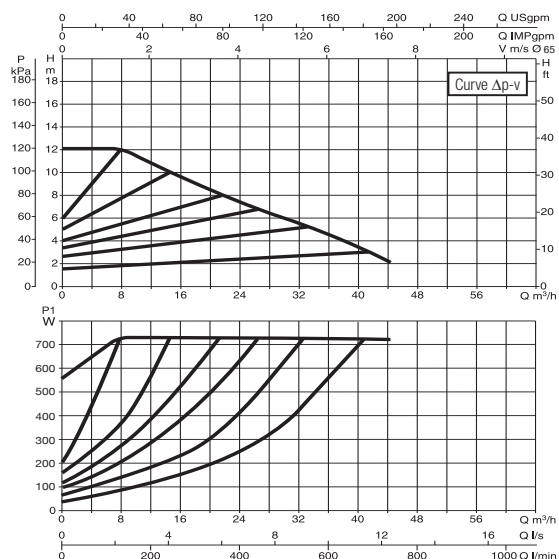
EVOPUS

CIRCULATORS FOR HEATING AND AIR-CONDITIONING SYSTEMS

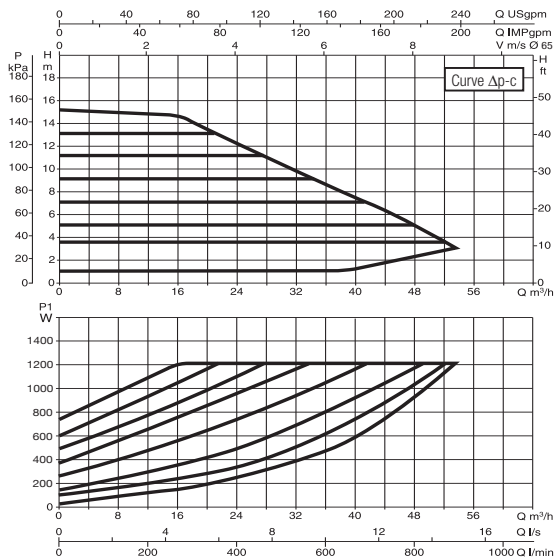
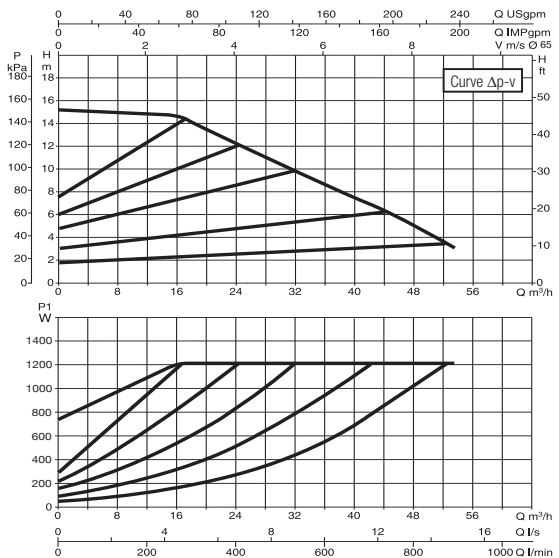
EVOPUS B 100/340.65 M



EVOPUS B 120/340.65 M



EVOPUS B 150/340.65 M

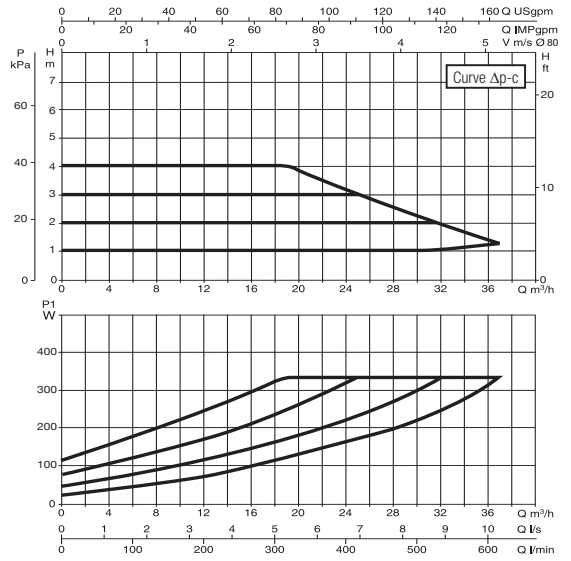
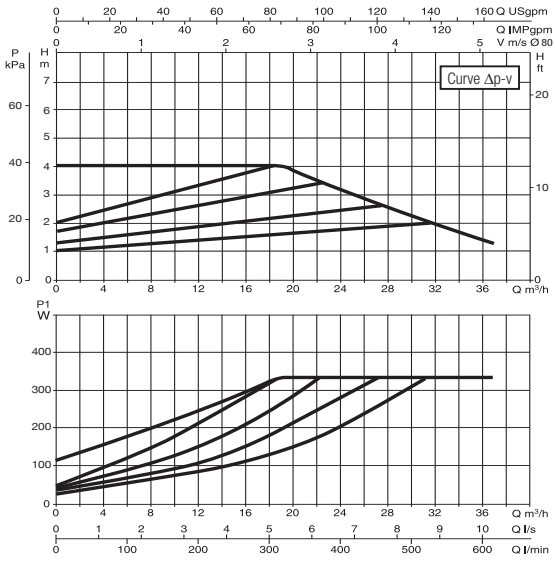


The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

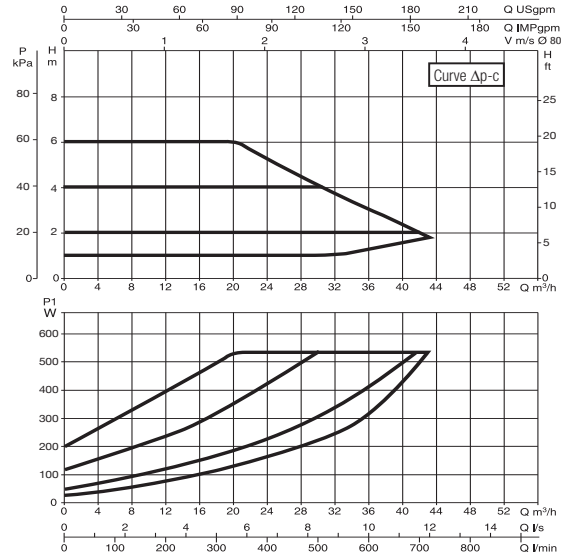
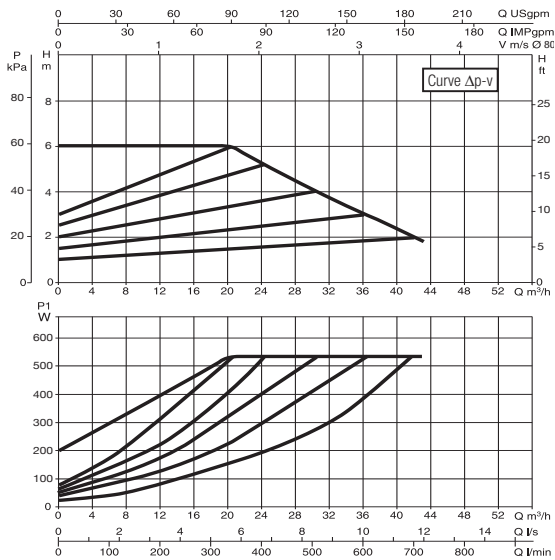
EVOPLUS

CIRCULATORS FOR HEATING AND AIR-CONDITIONING SYSTEMS

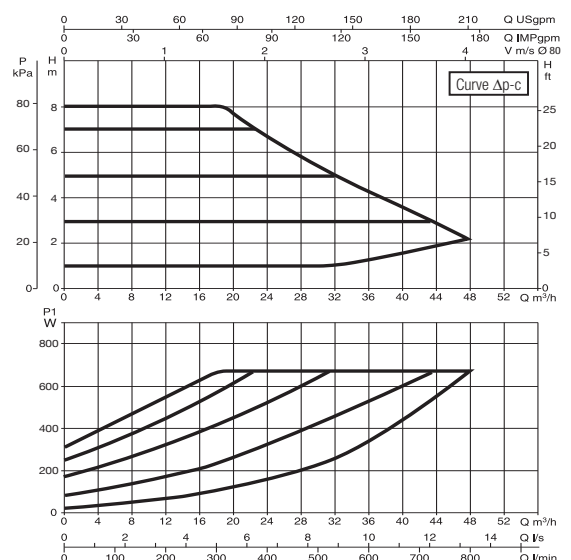
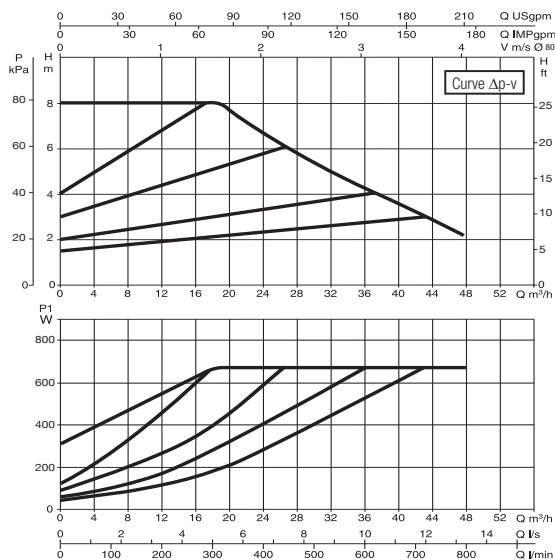
EVOPLUS B 40/360.80 M



EVOPLUS B 60/360.80 M



EVOPLUS B 80/360.80 M

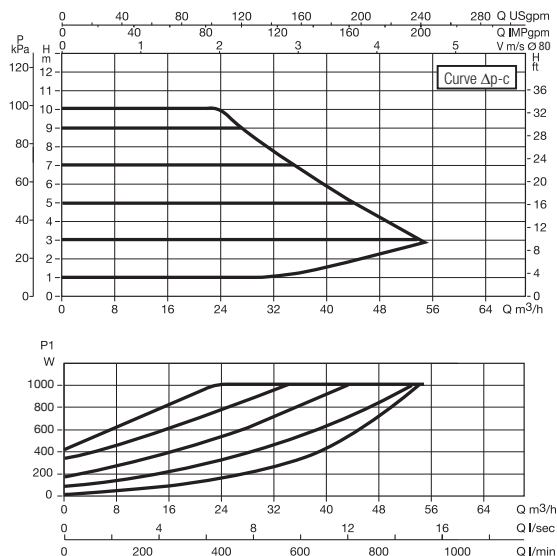
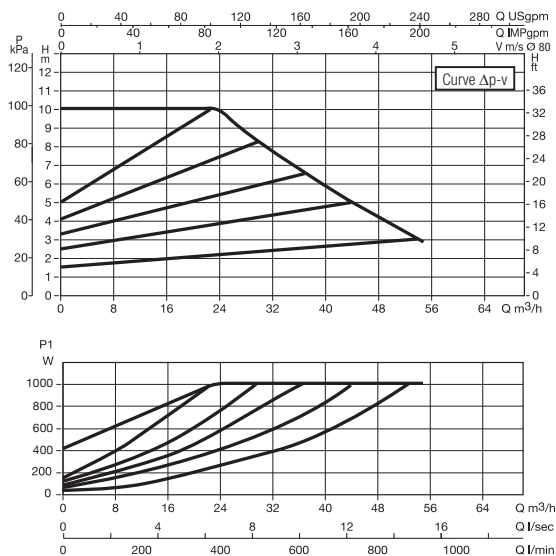


The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

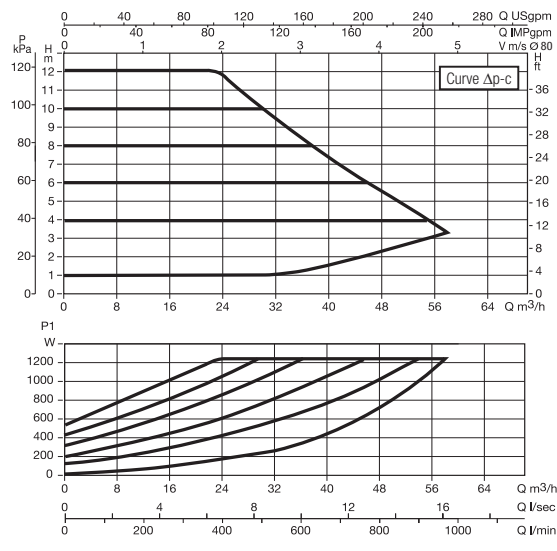
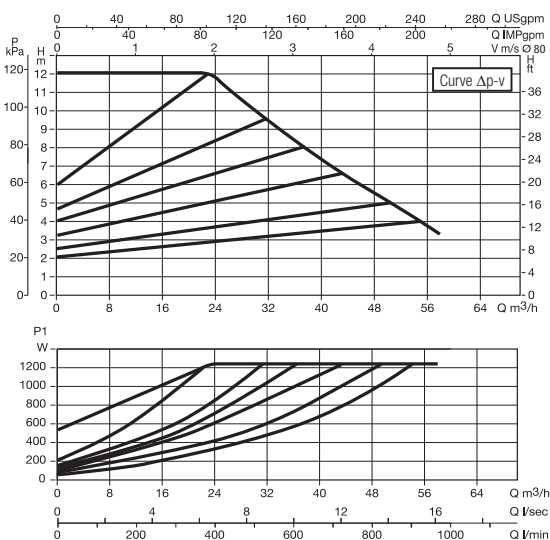
EVOPLUS

CIRCULATORS FOR HEATING AND AIR-CONDITIONING SYSTEMS

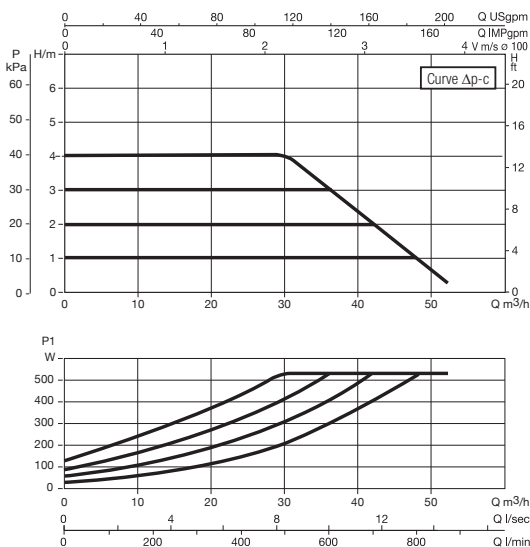
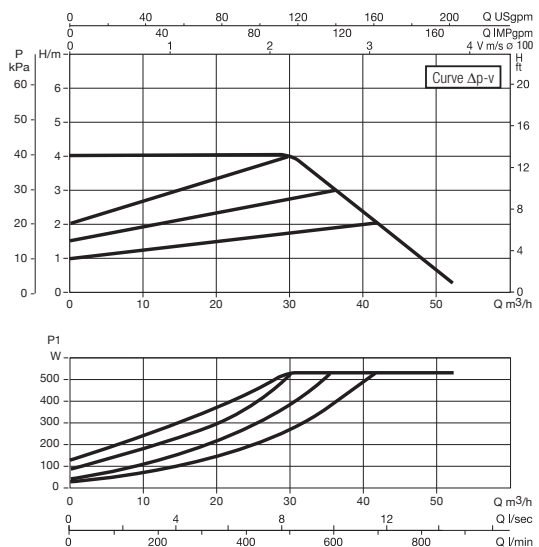
EVOPLUS B 100/360.80 M



EVOPLUS B 120/360.80 M



EVOPLUS B 40/450.100 M

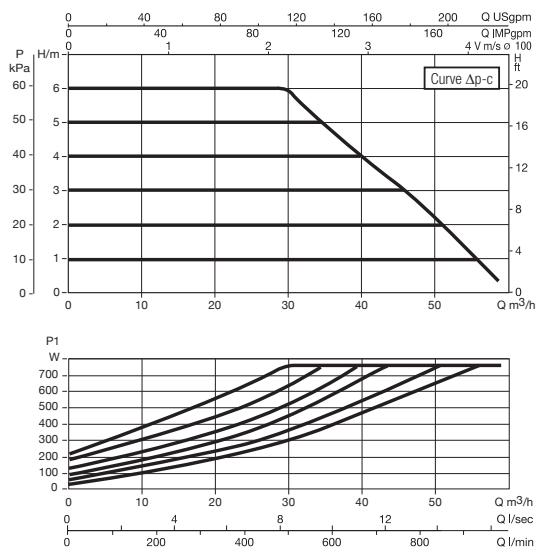
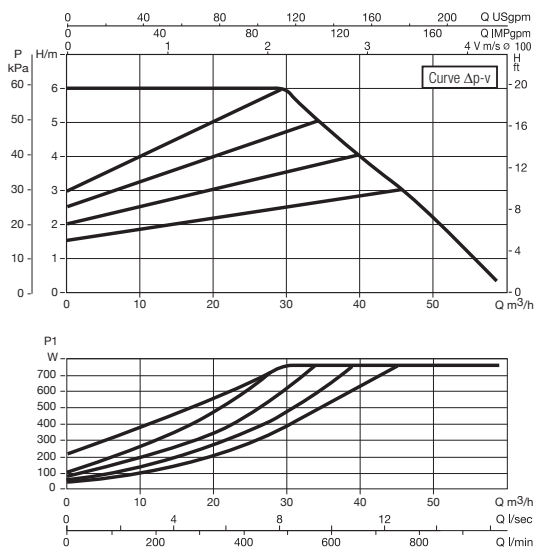


The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

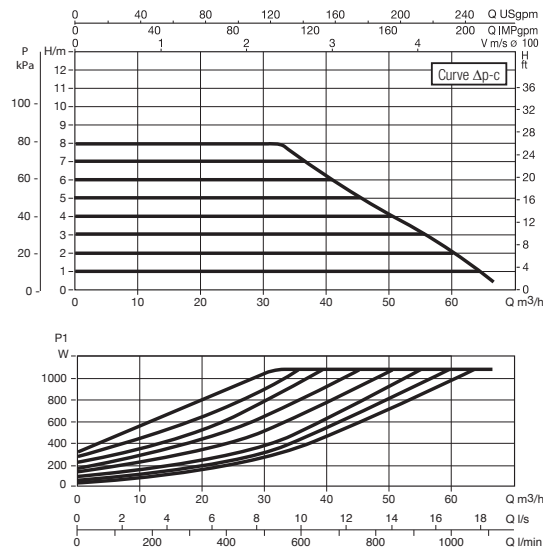
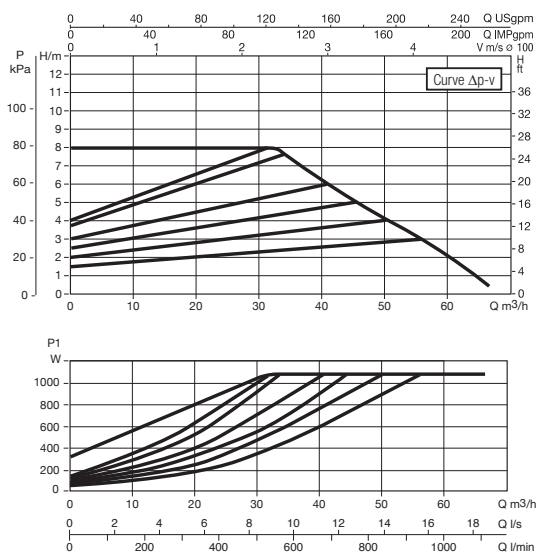
EVOPLUS

CIRCULATORS FOR HEATING AND AIR-CONDITIONING SYSTEMS

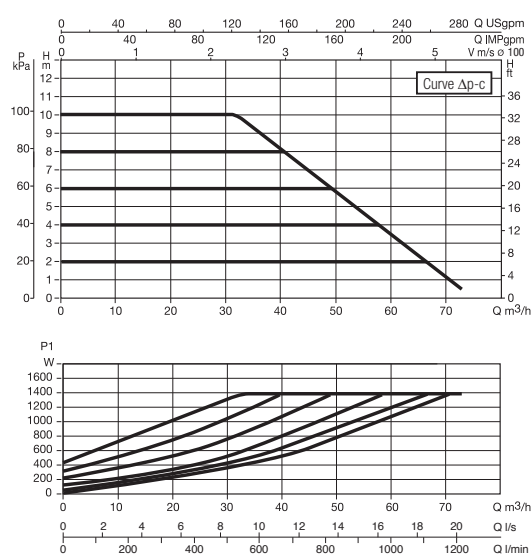
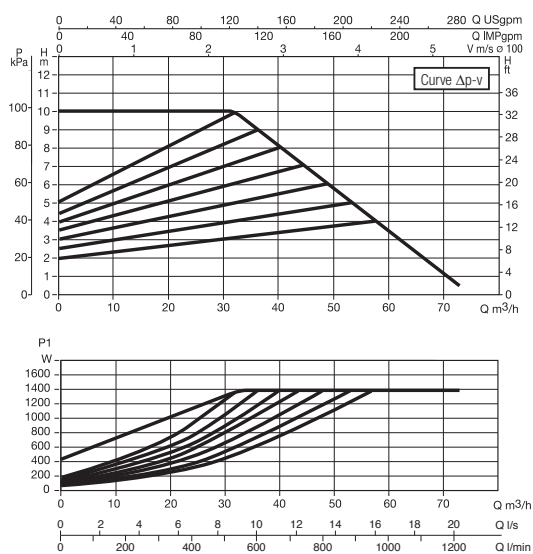
EVOPLUS B 60/450;100 M



EVOPLUS B 80/450;100 M



EVOPLUS B 100/450;100 M



The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

EVOPLUS

CIRCULATORS FOR HEATING AND AIR-CONDITIONING SYSTEMS

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

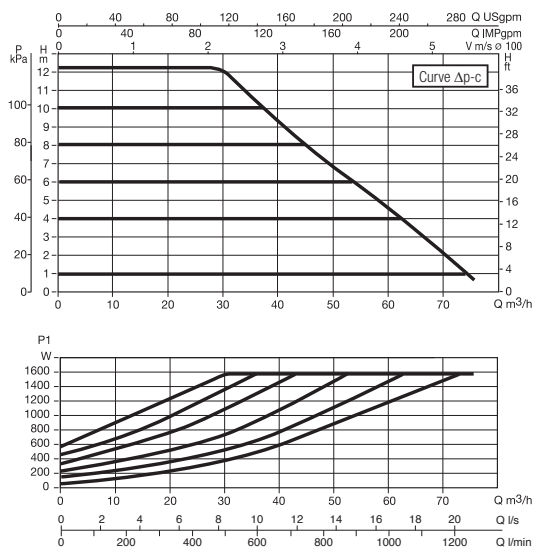
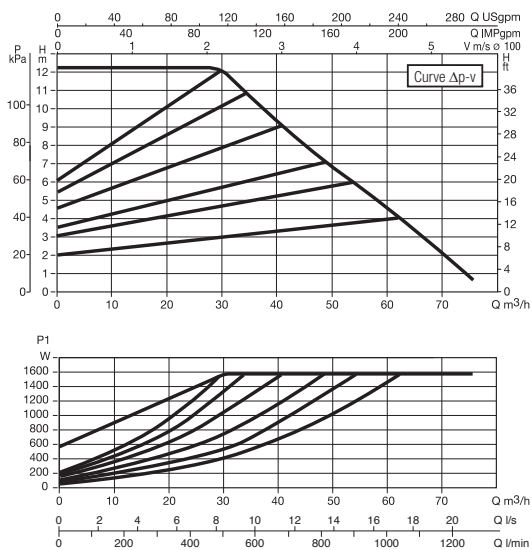
CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

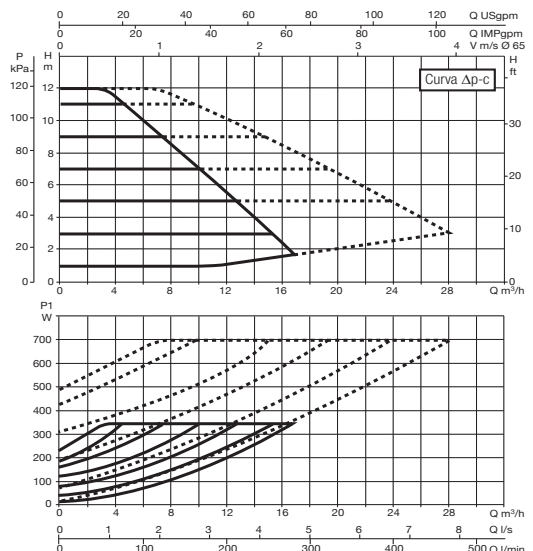
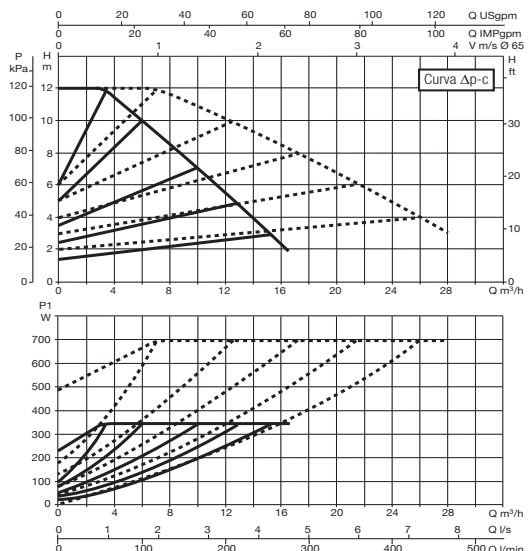
SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

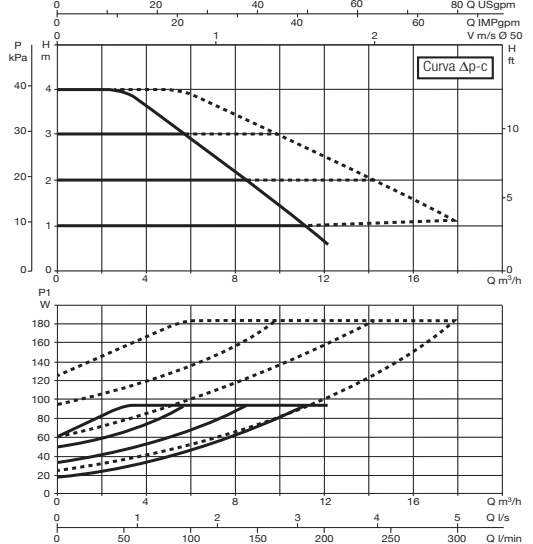
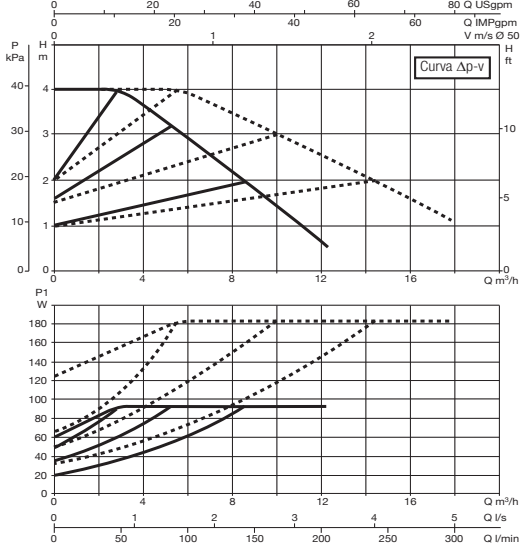
EVOPLUS B 120/450.100 M



EVOPLUS D 120/220.32 M



EVOPLUS D 40/220.40 M



The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.



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EVOPLUS

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CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

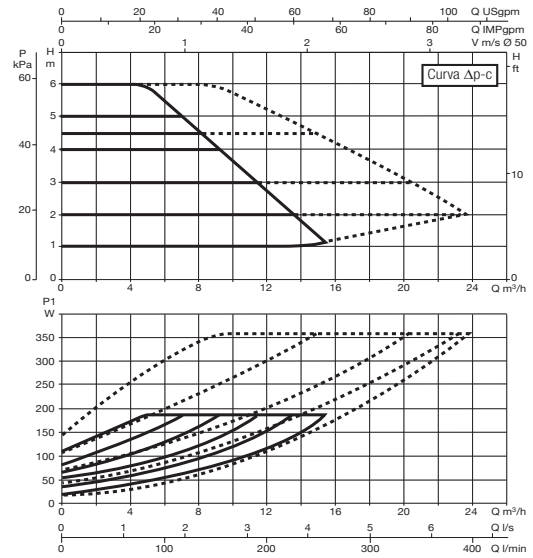
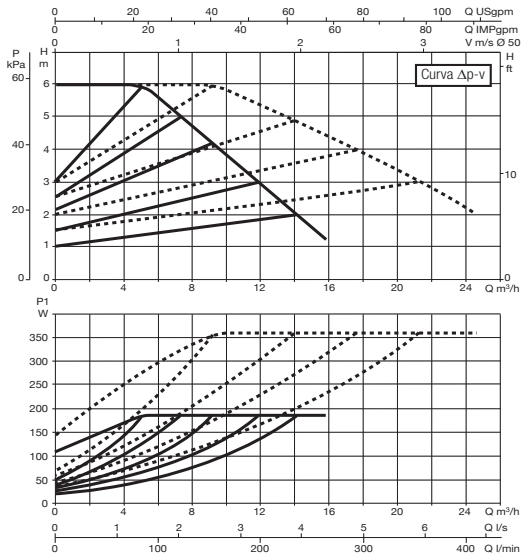
CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

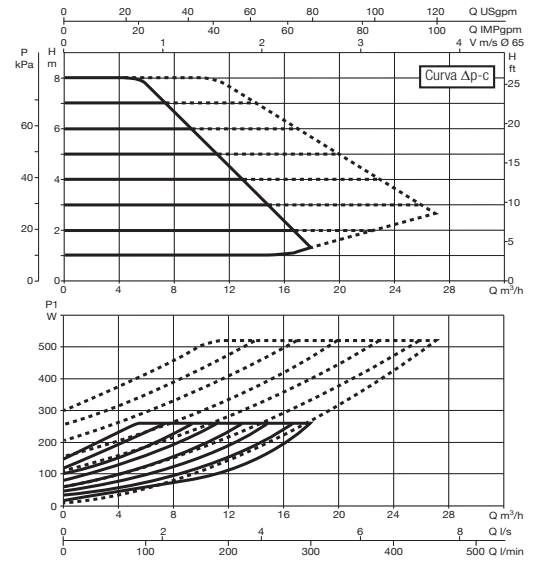
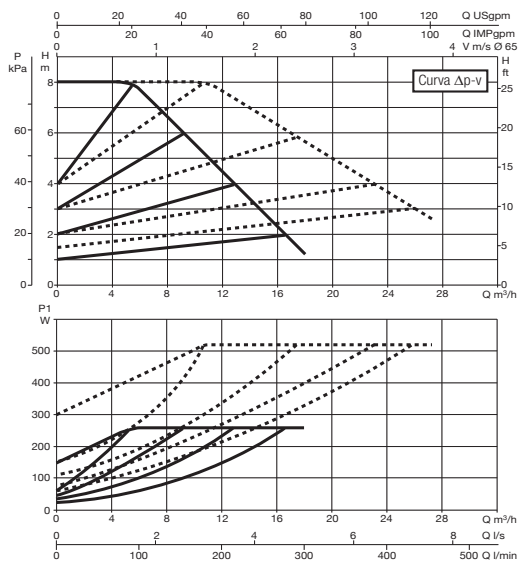
SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

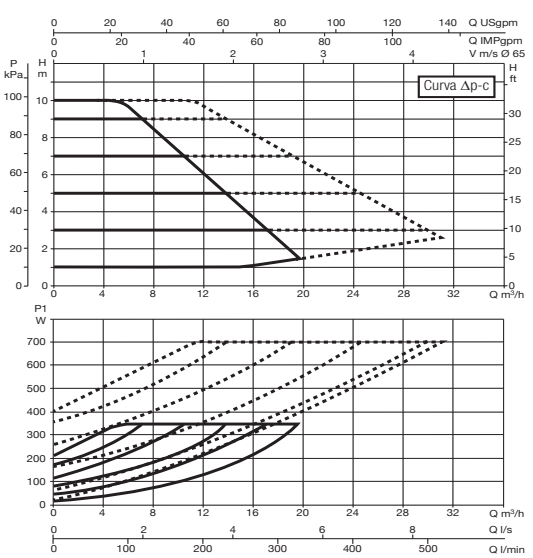
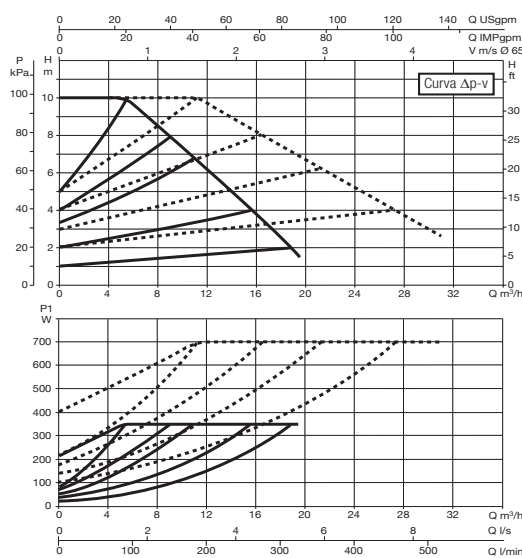
EVOPLUS D 60/220.40 M



EVOPLUS D 80/220.40 M



EVOPLUS D 100/220.40 M



The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

EVOPLUS

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CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

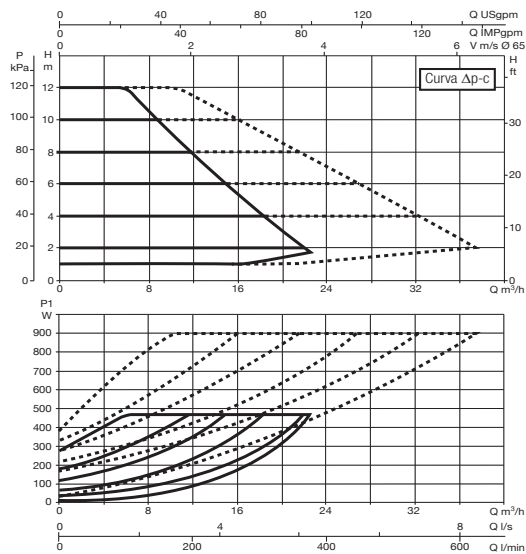
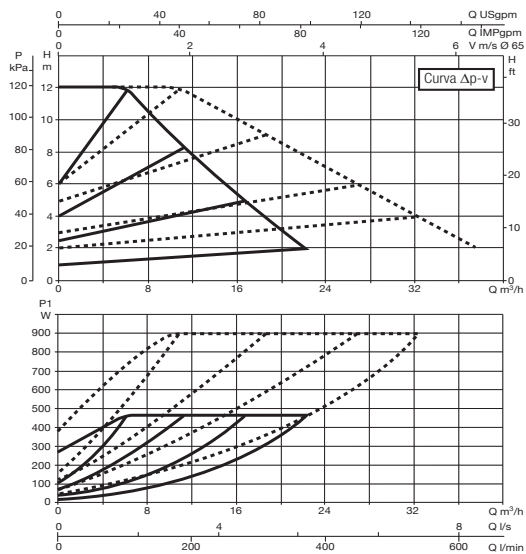
CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

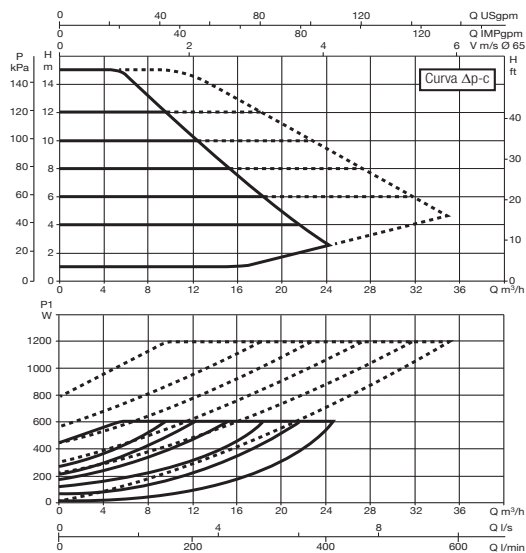
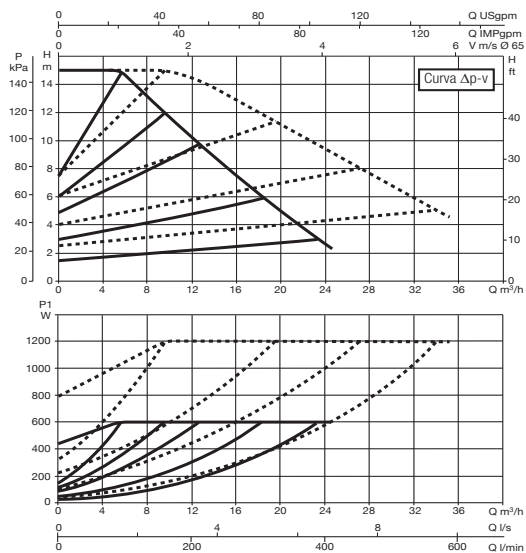
SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

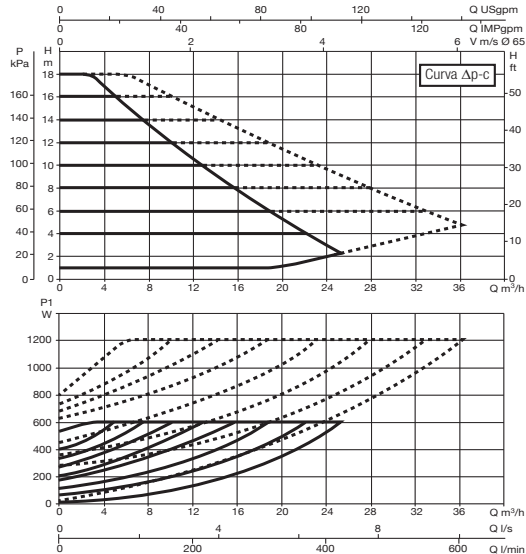
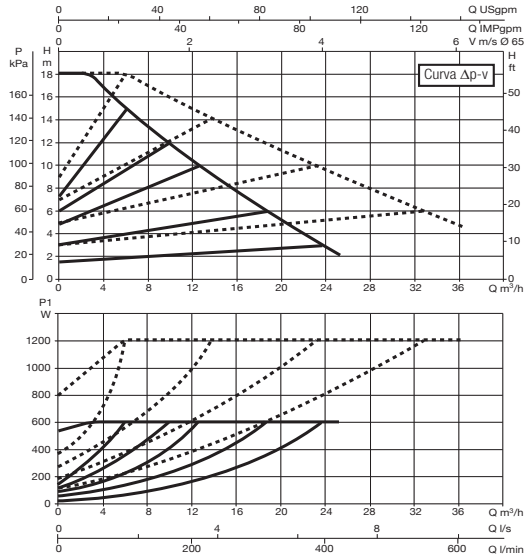
EVOPLUS D 120/250.40 M



EVOPLUS D 150/250.40 M



EVOPLUS D 180/250.40 M



The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

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CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

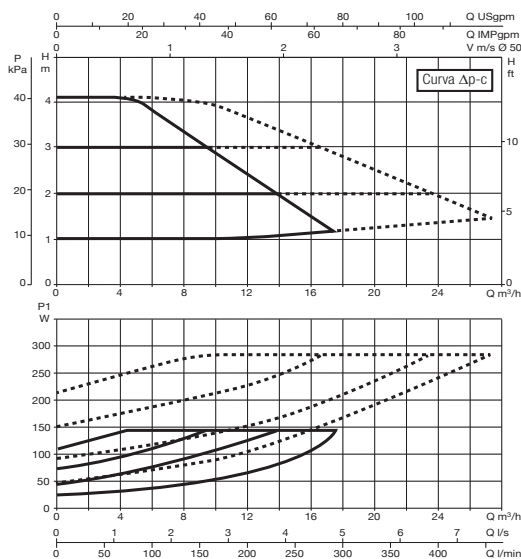
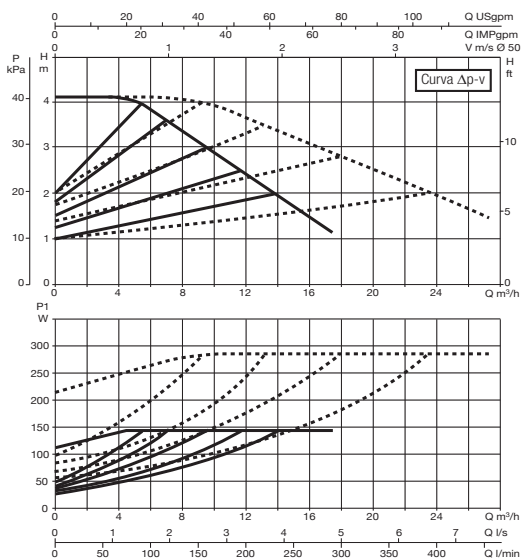
CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

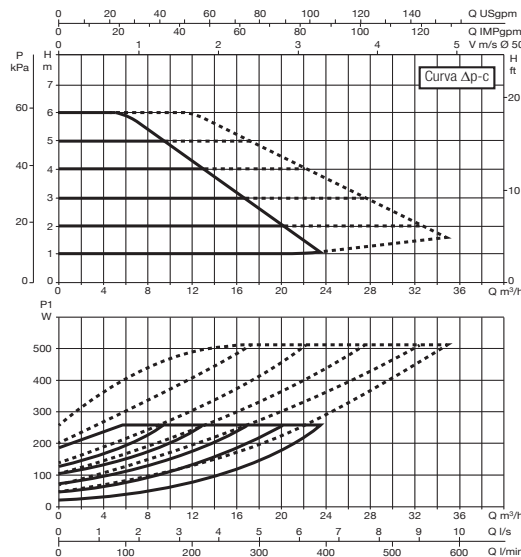
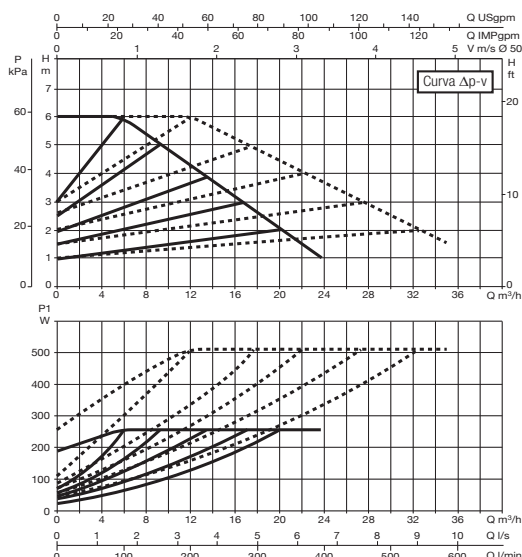
SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

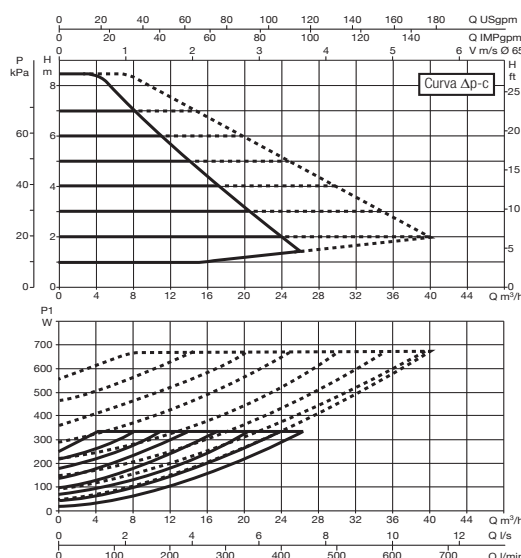
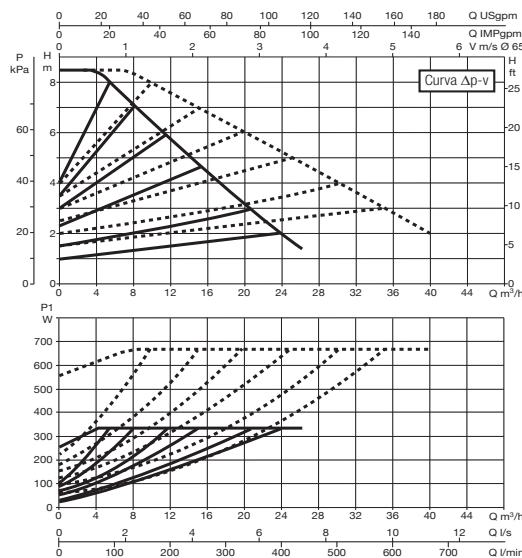
EVOPLUS D 40/240.50 M



EVOPLUS D 60/240.50 M



EVOPLUS D 80/240.50 M

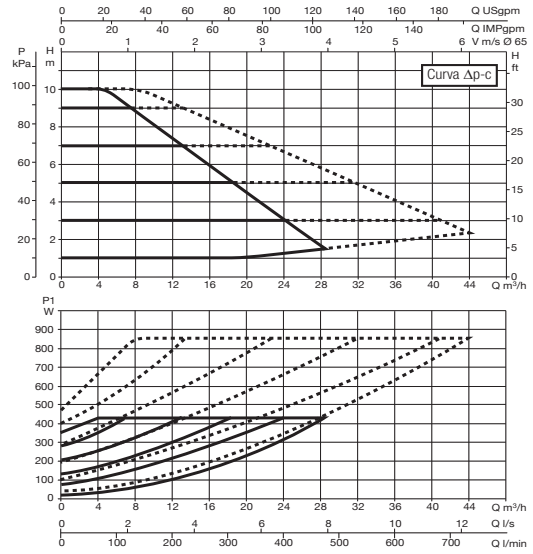
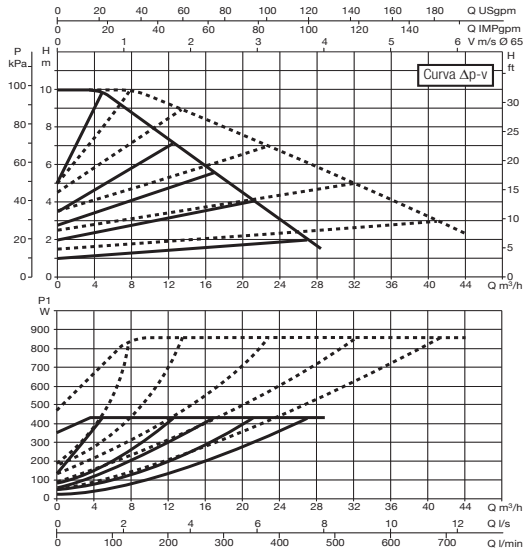


The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

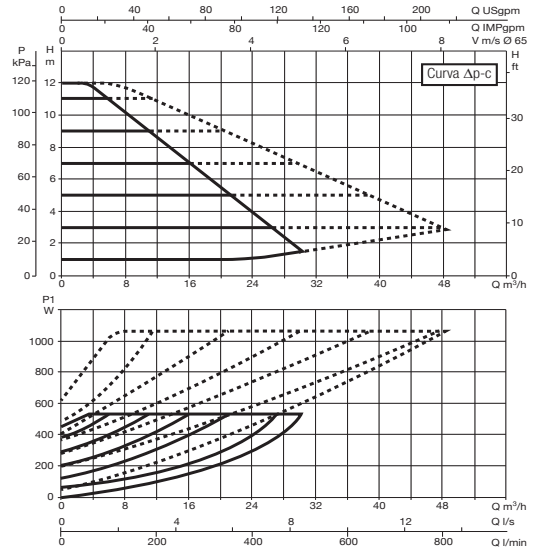
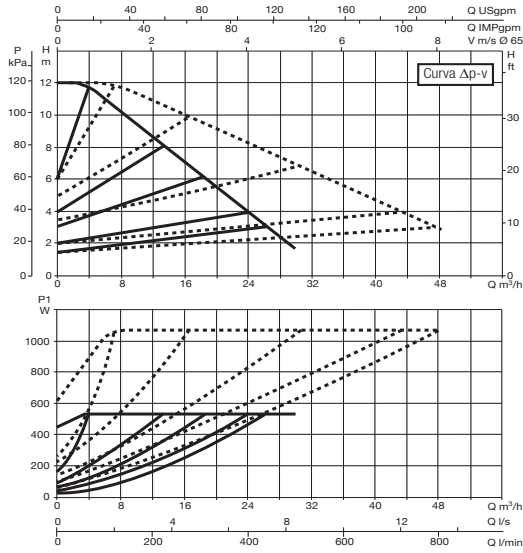
EVOPLUS

CIRCULATORS FOR HEATING AND AIR-CONDITIONING SYSTEMS

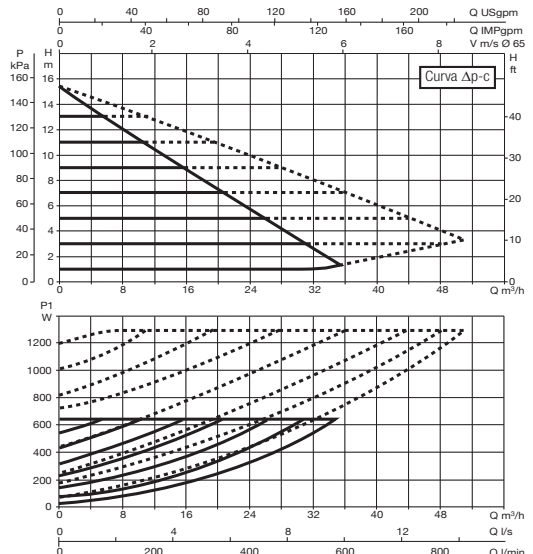
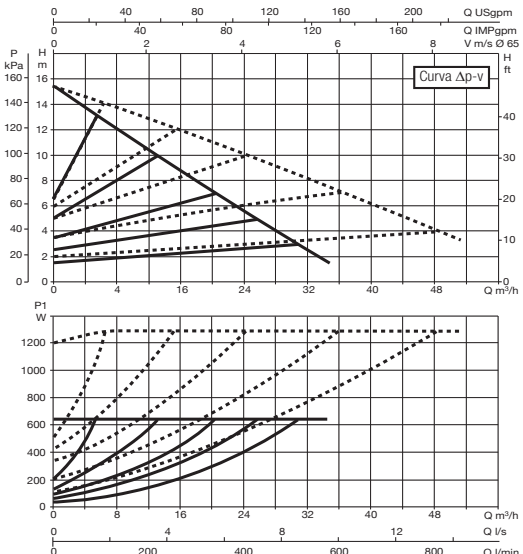
EVOPLUS D 100/280.50 M



EVOPLUS D 120/280.50 M



EVOPLUS D 150/280.50 M



The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.



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EVOPLUS

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MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

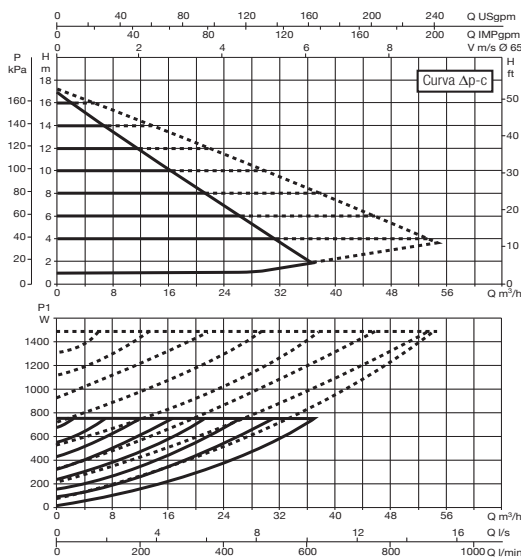
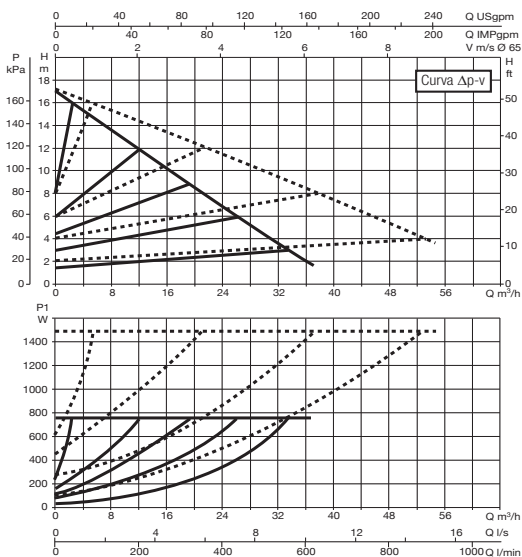
CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

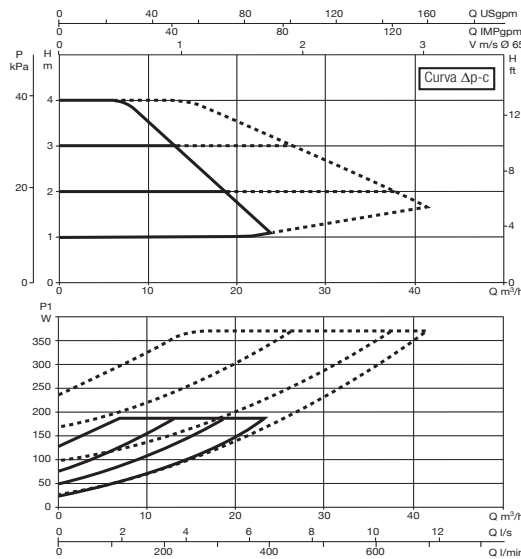
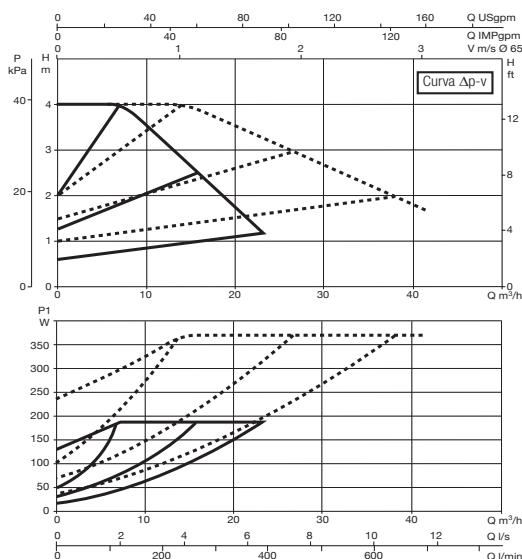
SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

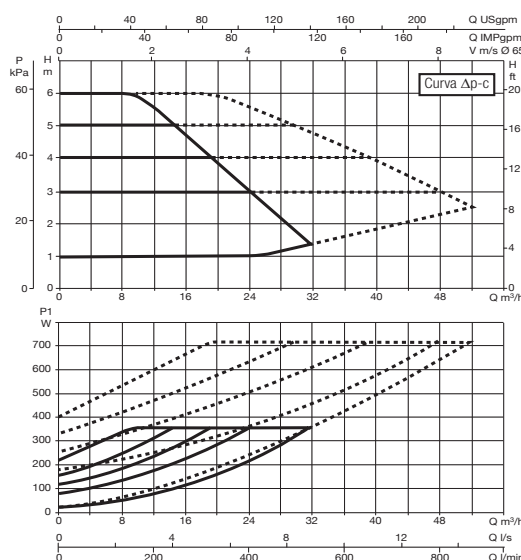
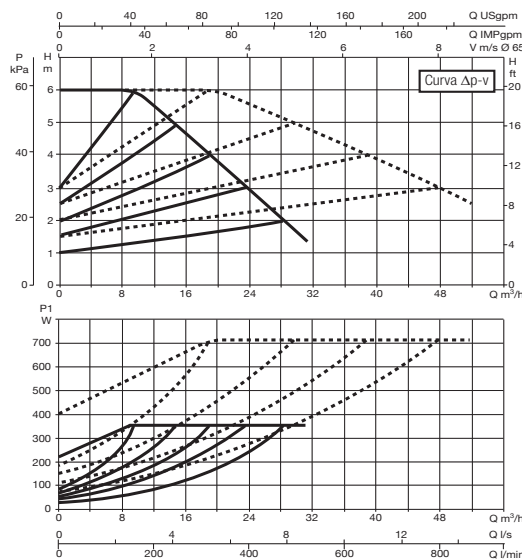
EVOPLUS D 180/280.50 M



EVOPLUS D 40/340.65 M



EVOPLUS D 60/340.65 M



The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

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MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

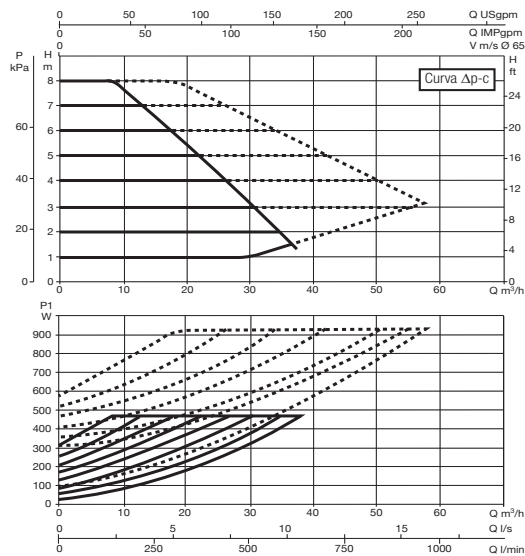
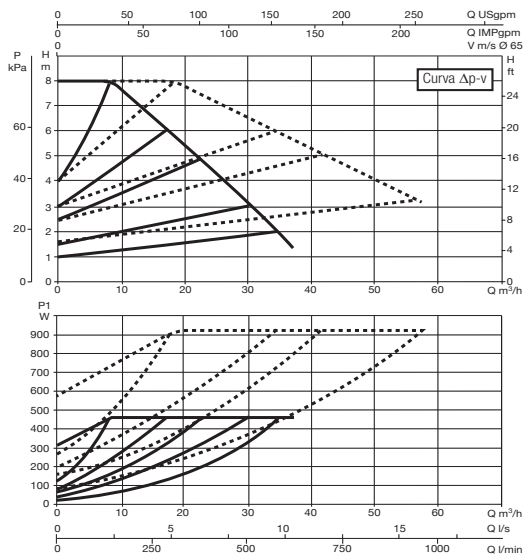
CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

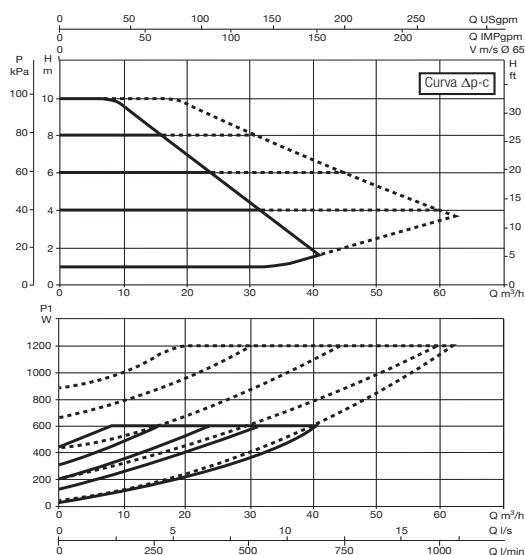
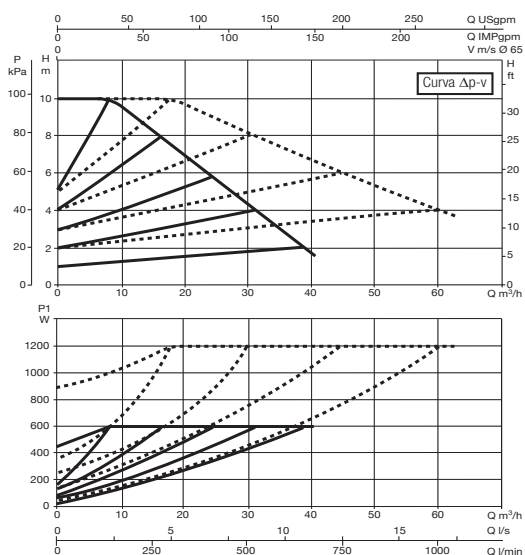
SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

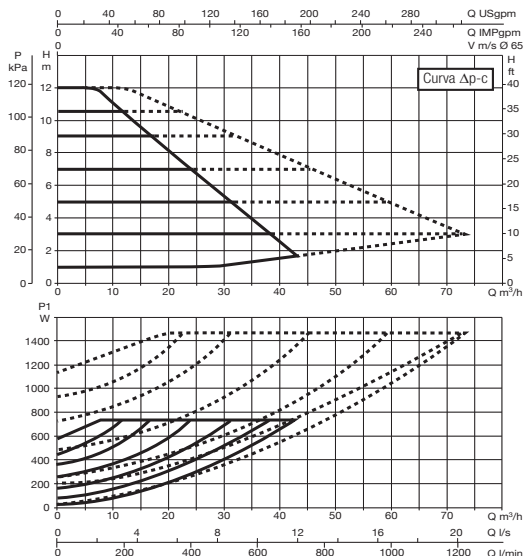
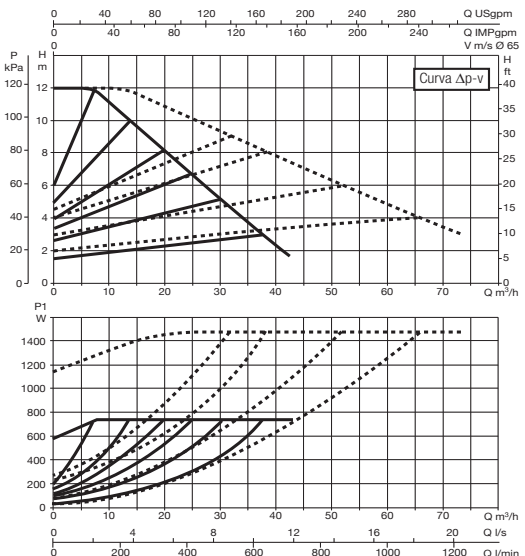
EVOPLUS D 80/340.65 M



EVOPLUS D 100/340.65 M



EVOPLUS D 120/340.65 M



The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

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CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

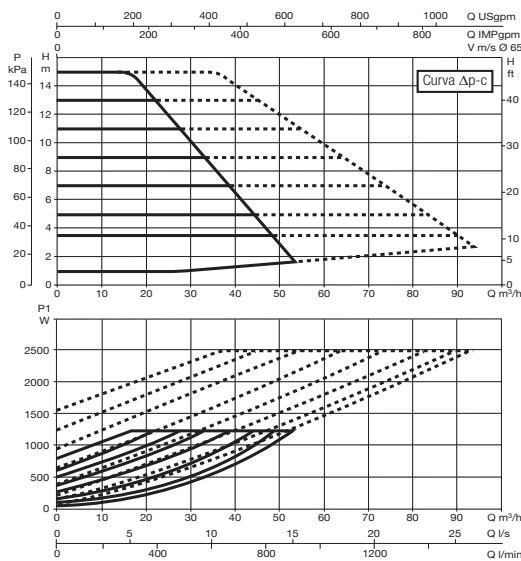
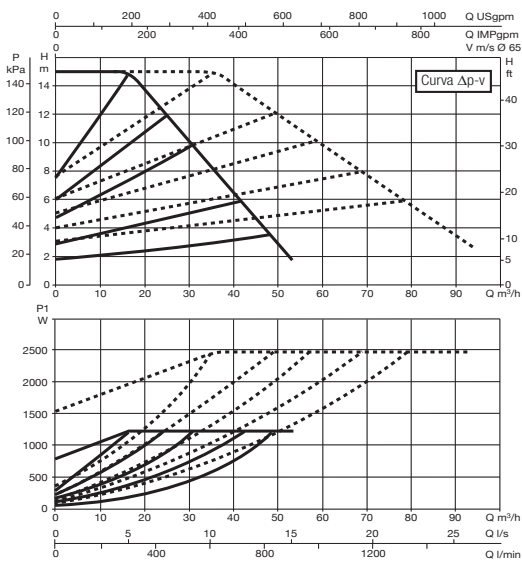
CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

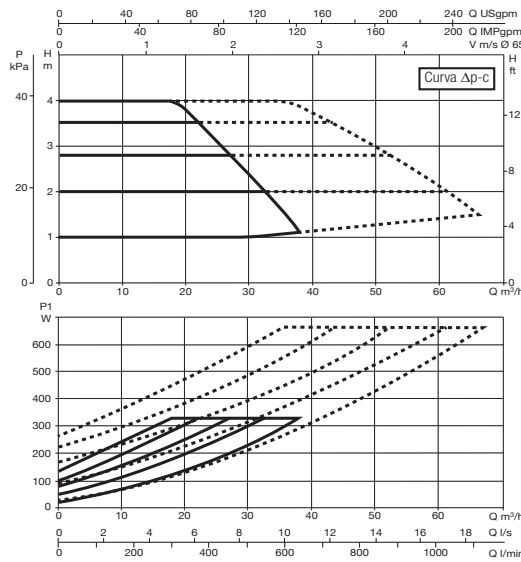
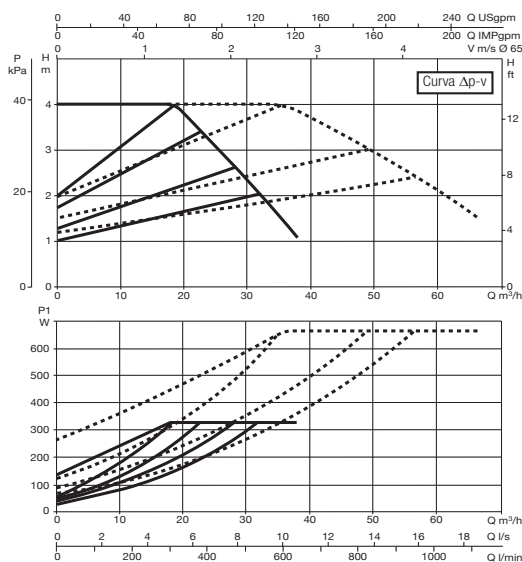
SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

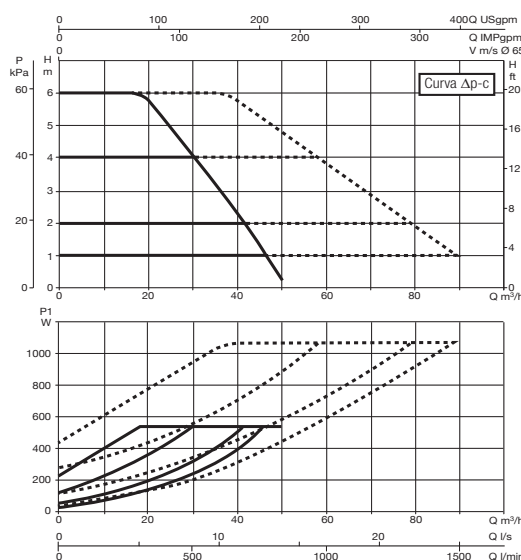
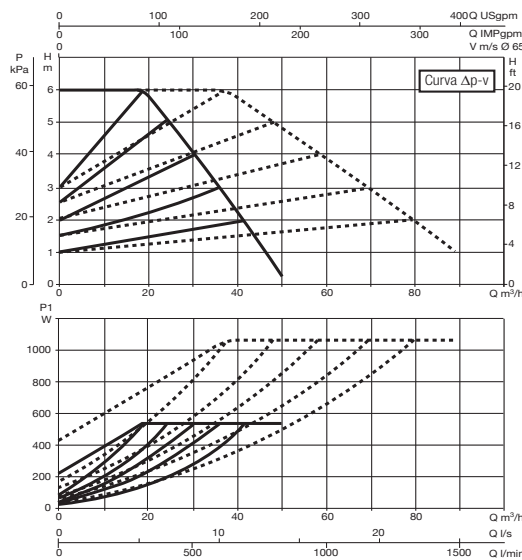
EVOPLUS D 150/340.65 M



EVOPLUS D 40/360.80 M



EVOPLUS D 60/360.80 M



The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

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SWIMMING POOL, POND AND SALT WATER PUMPS

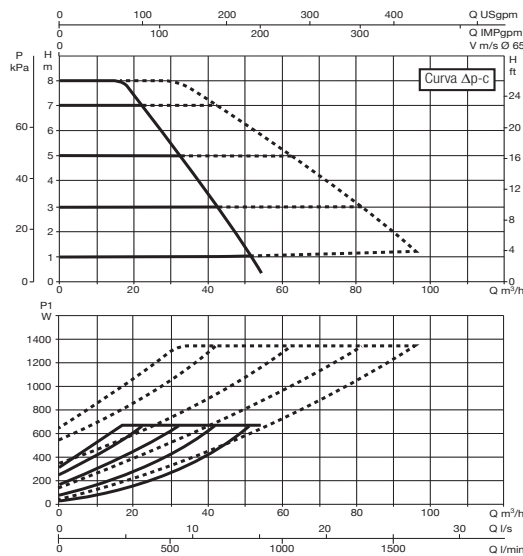
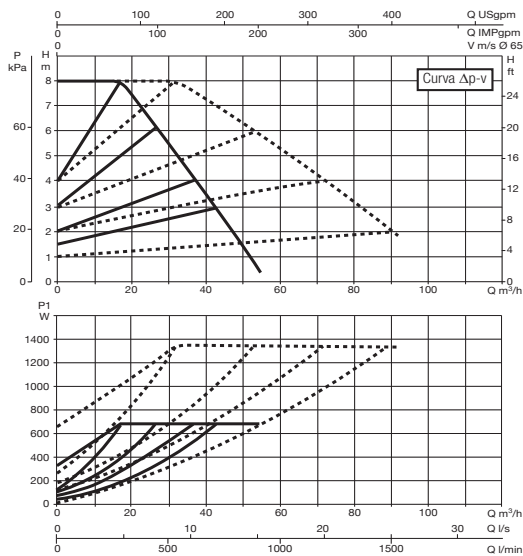
CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

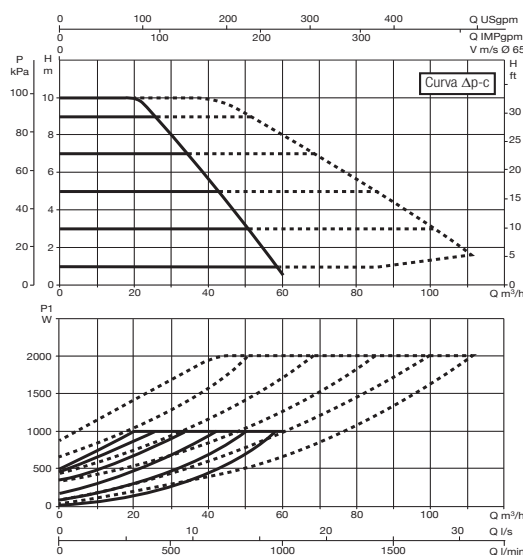
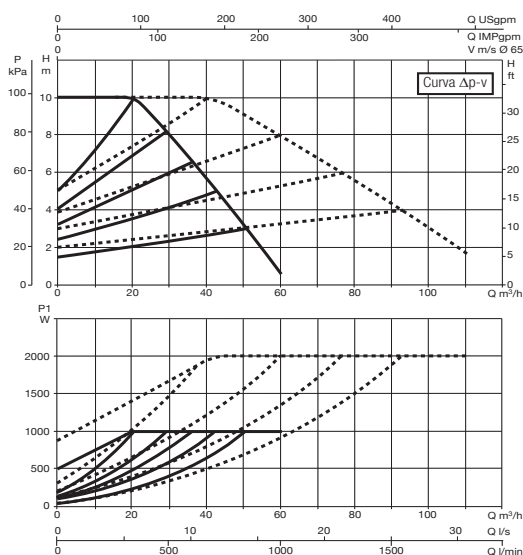
SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

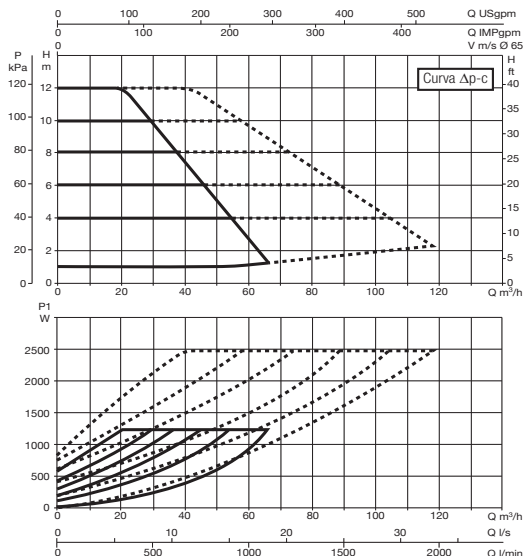
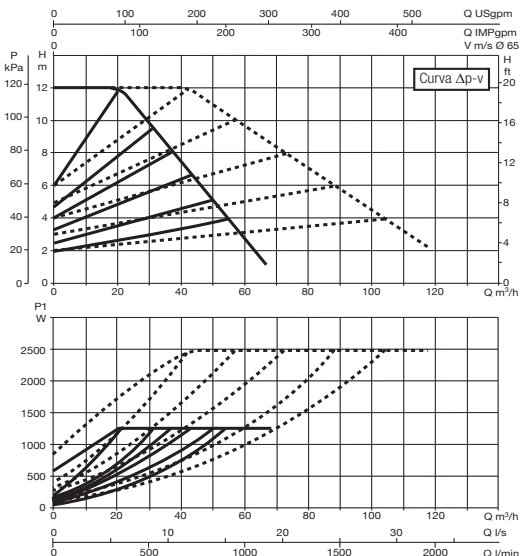
EVOPLUS D 80/360.80 M



EVOPLUS D 100/360.80 M



EVOPLUS D 120/360.80 M



The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

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SWIMMING POOL, POND AND SALT WATER PUMPS

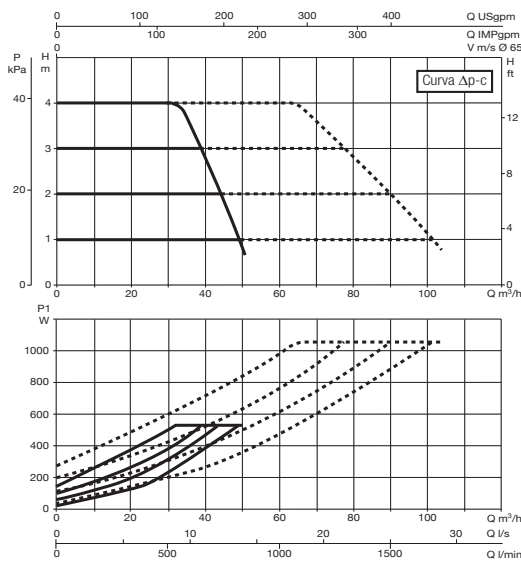
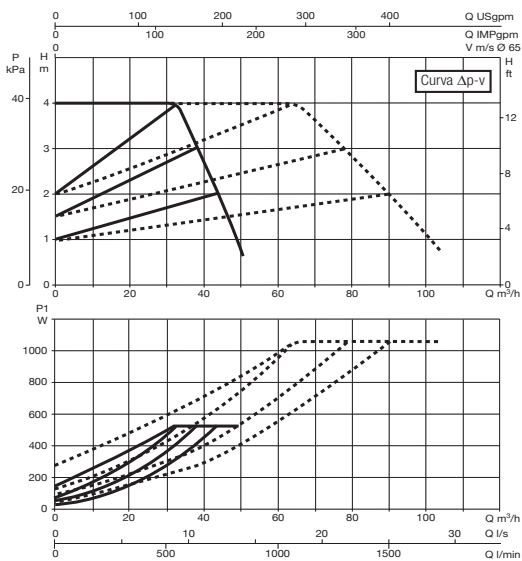
CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

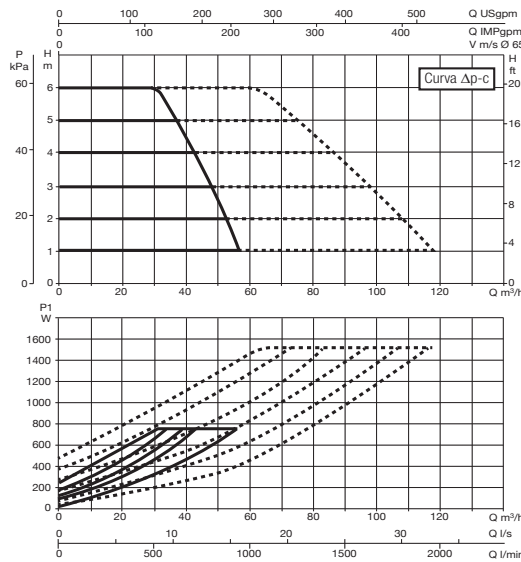
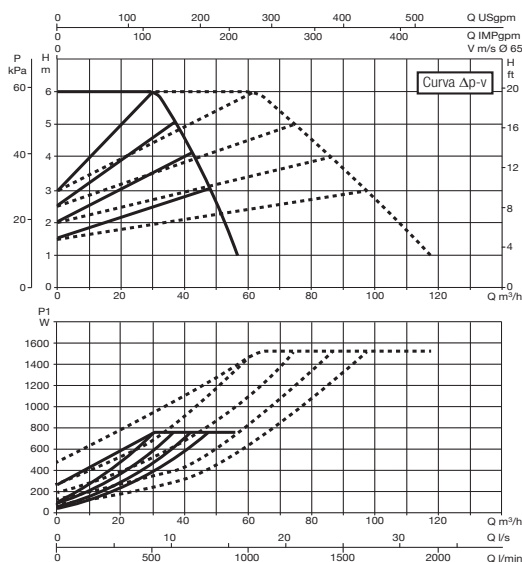
SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

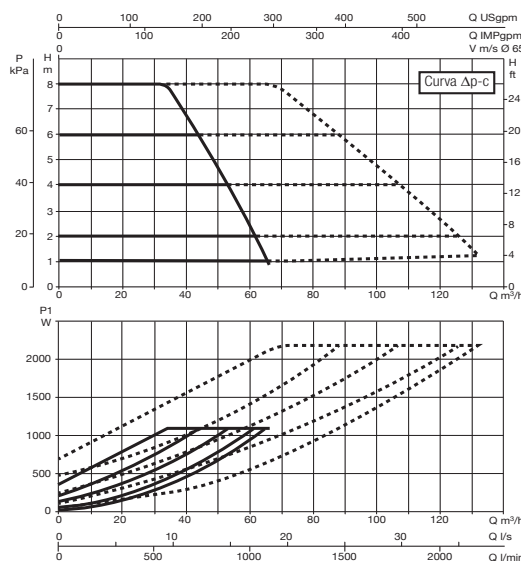
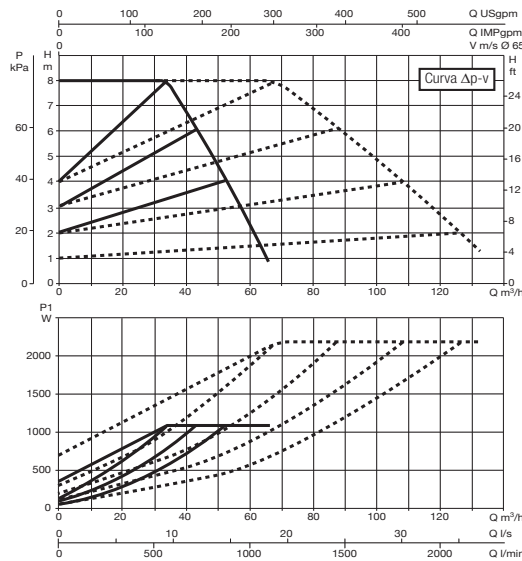
EVOPLUS D 40/450.100 M



EVOPLUS D 60/450.100 M



EVOPLUS D 80/450.100 M



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SWIMMING POOL, POND AND SALT WATER PUMPS

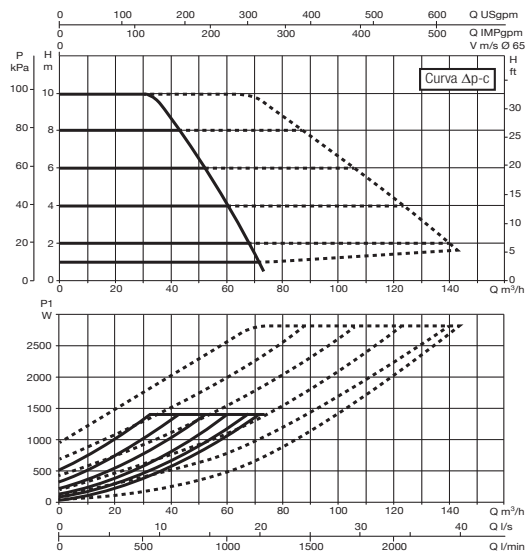
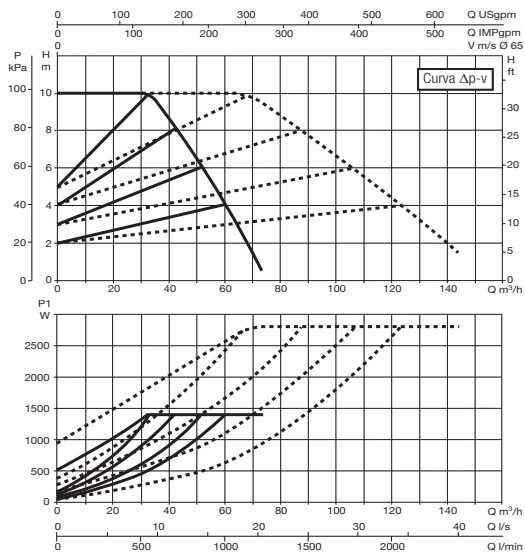
CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

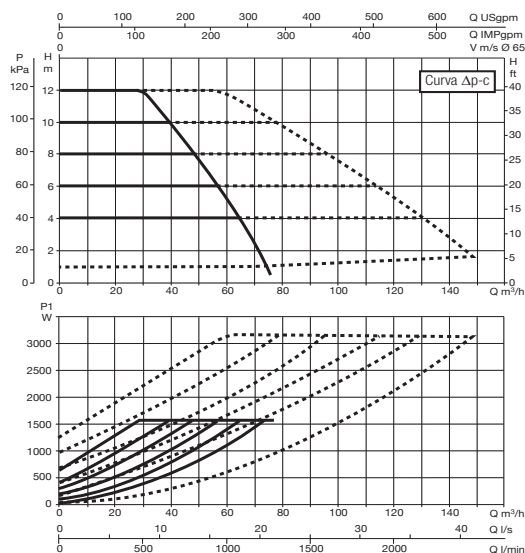
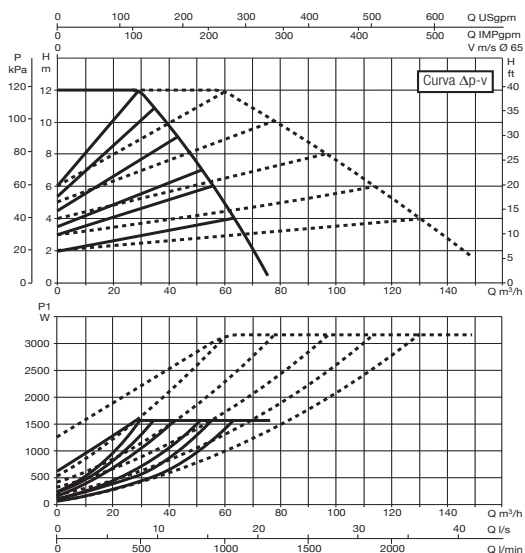
SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

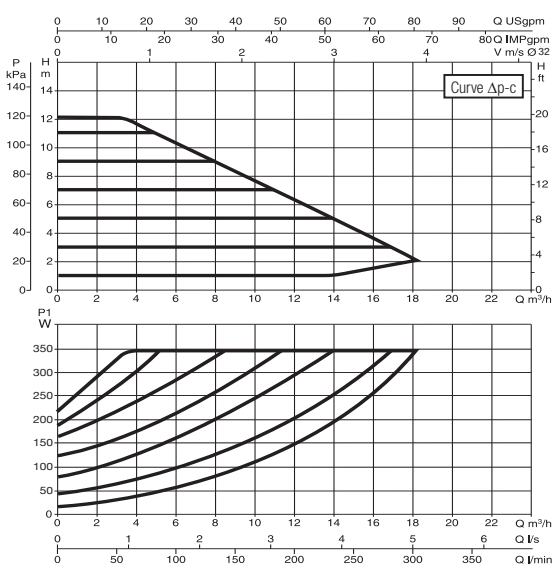
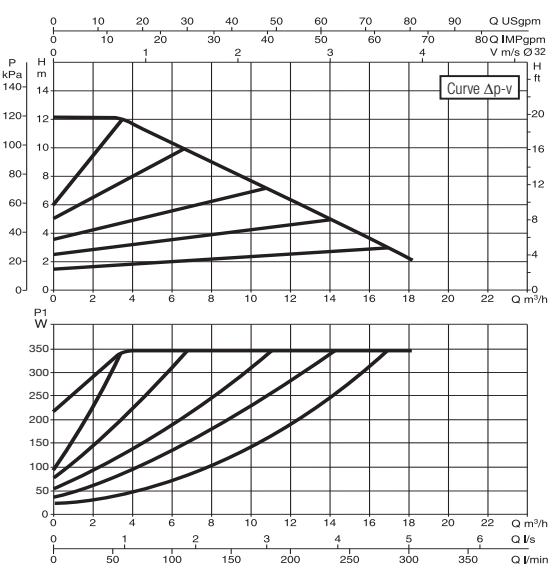
EVOPLUS D 100/450.100 M



EVOPLUS D 120/450.100 M



EVOPLUS B 120/220.32 SAN M



The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

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MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

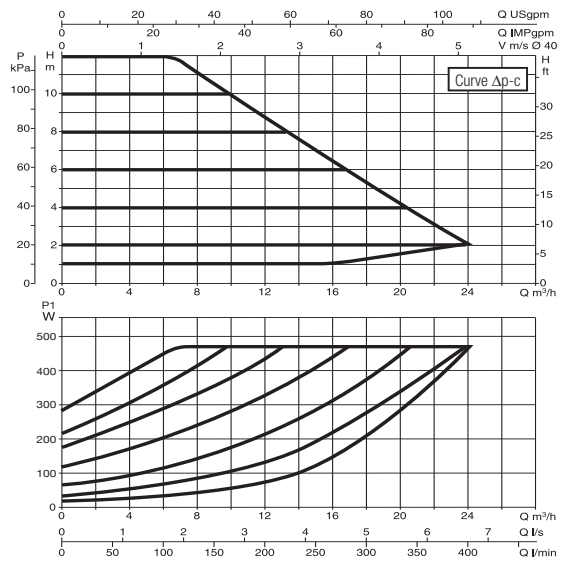
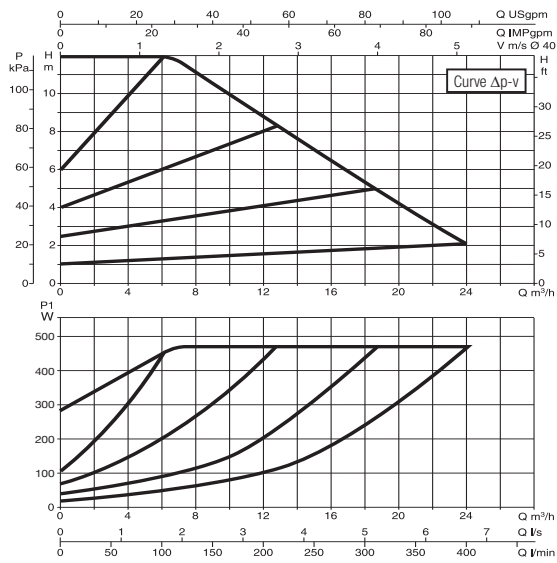
CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

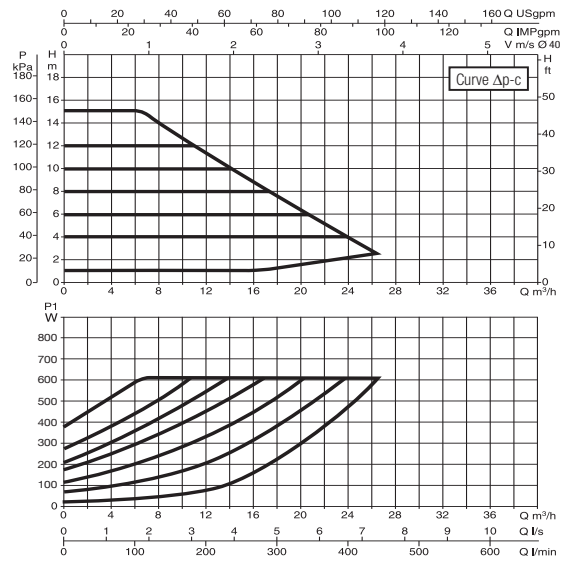
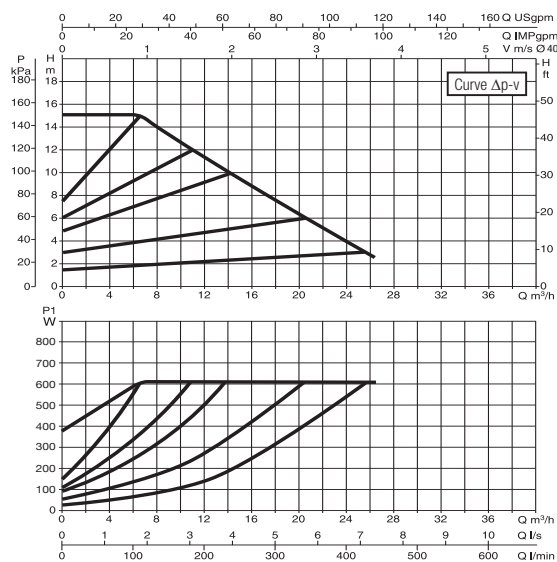
SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

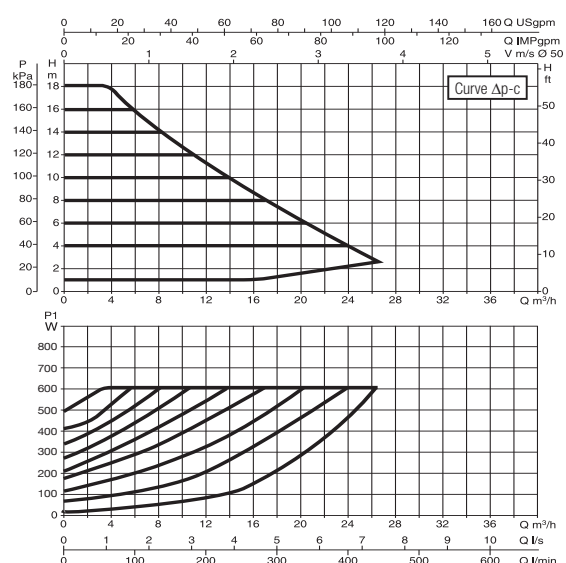
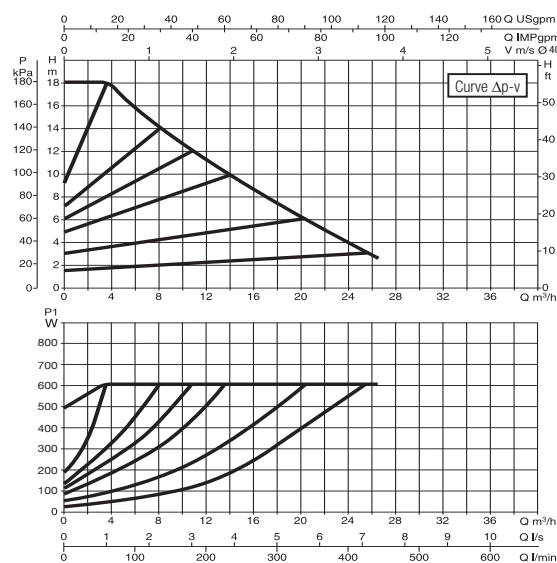
EVOPLUS B 120/250.40 SAN M



EVOPLUS B 150/250.40 SAN M



EVOPLUS B 180/250.40 SAN M



The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

EVOPLUS

CIRCULATORS FOR HEATING AND AIR-CONDITIONING SYSTEMS

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

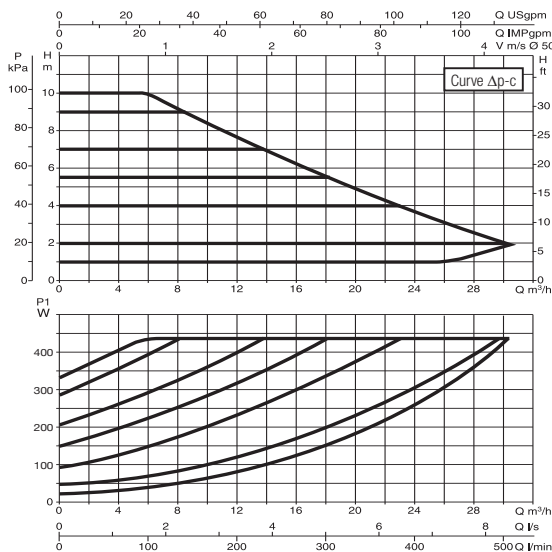
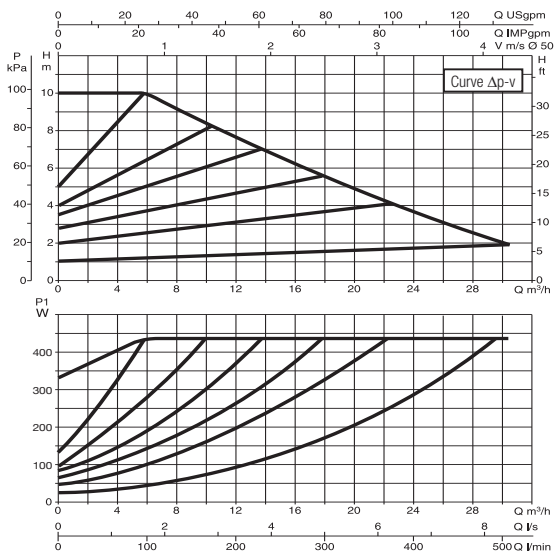
CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

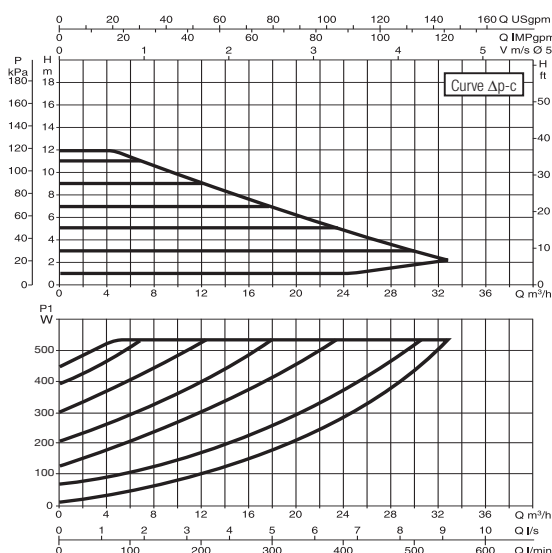
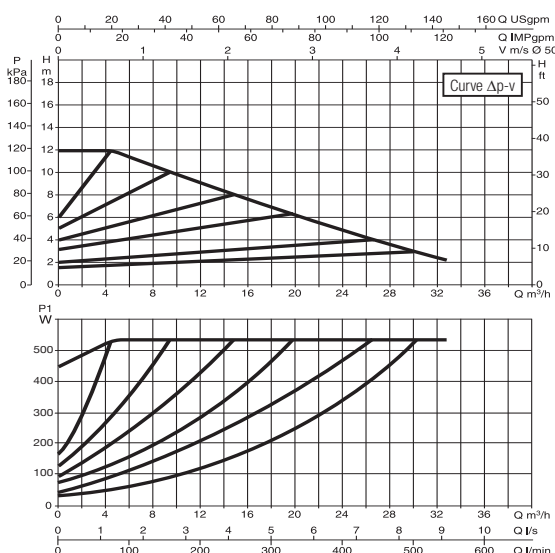
SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

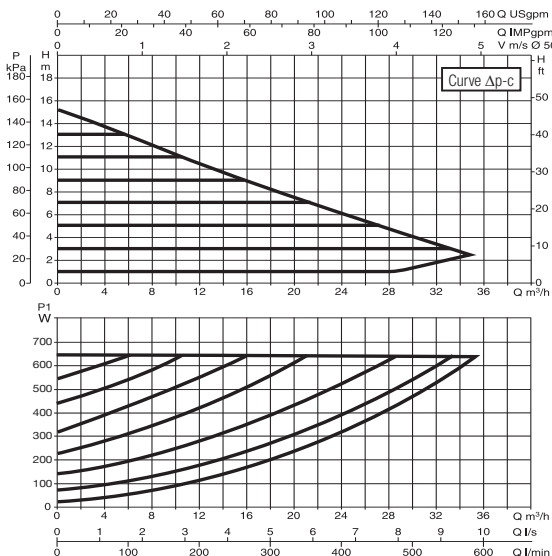
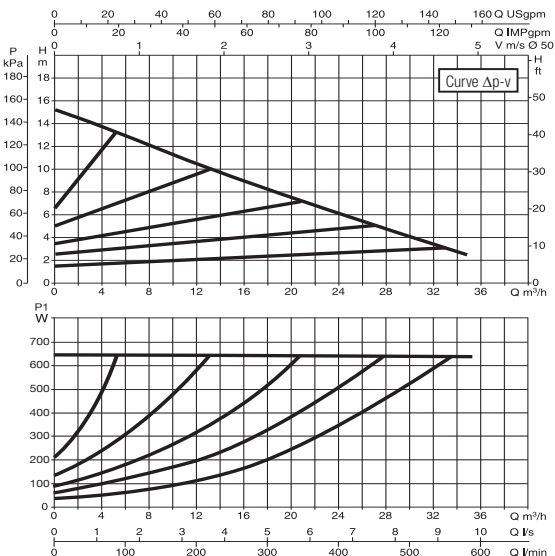
EVOPLUS B 100/280.50 SAN M



EVOPLUS B 120/280.50 SAN M



EVOPLUS B 150/280.50 SAN M



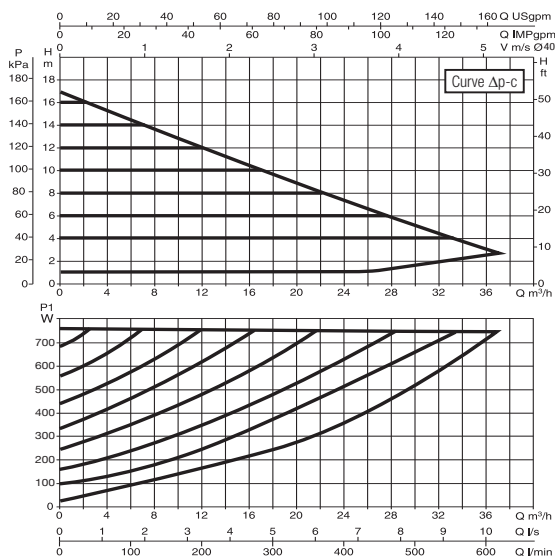
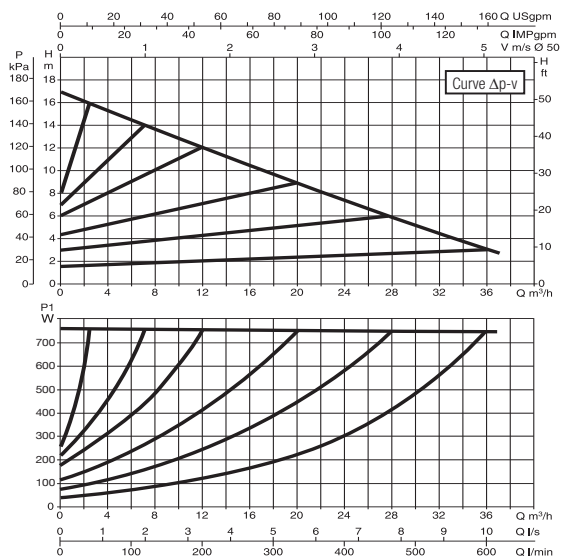
The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.



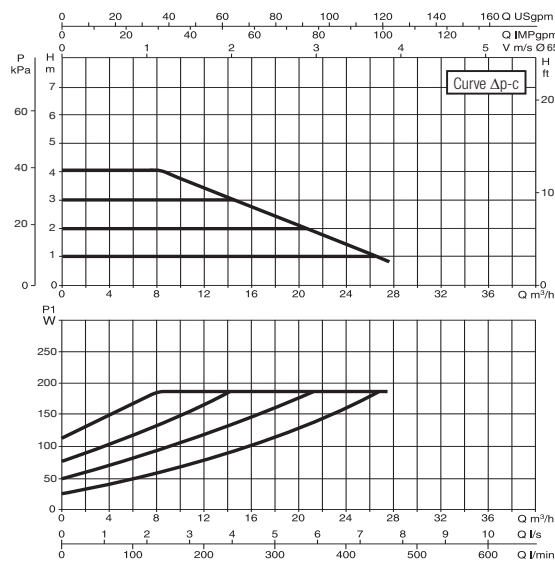
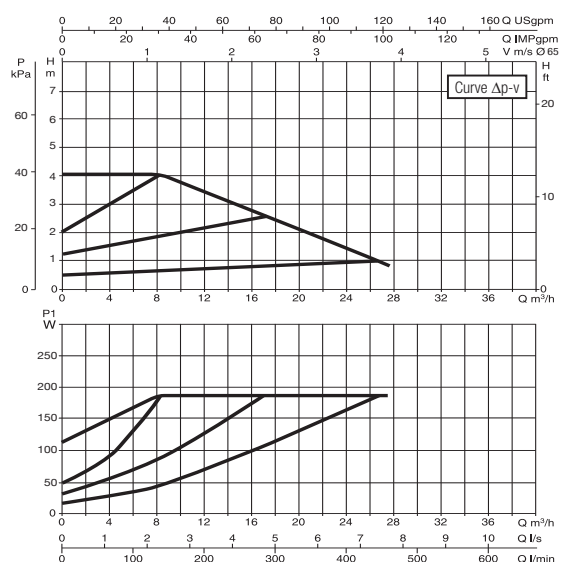
EVOPLUS

CIRCULATORS FOR HEATING AND AIR-CONDITIONING SYSTEMS

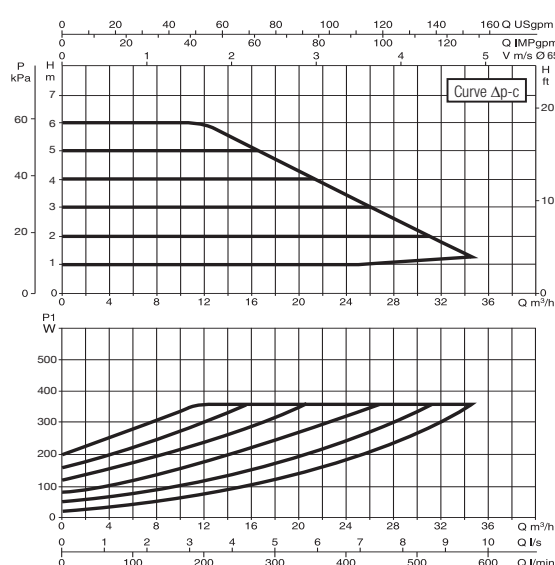
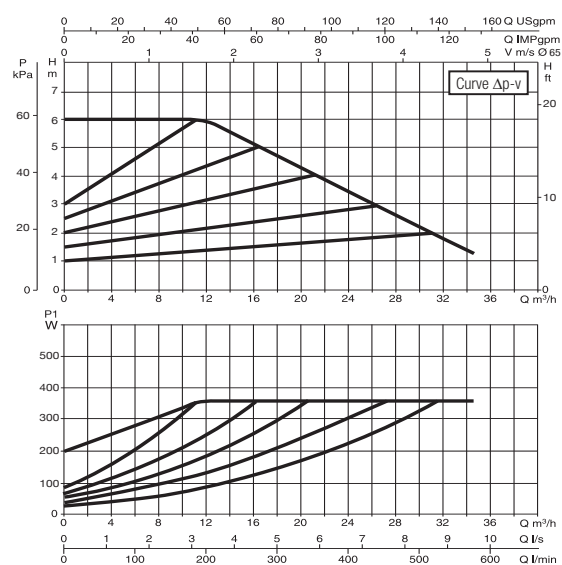
EVOPLUS B 180/280.50 SAN M



EVOPLUS B 40/340.65 SAN M



EVOPLUS B 60/340.65 SAN M



The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

EVOPLUS

CIRCULATORS FOR HEATING AND AIR-CONDITIONING SYSTEMS

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

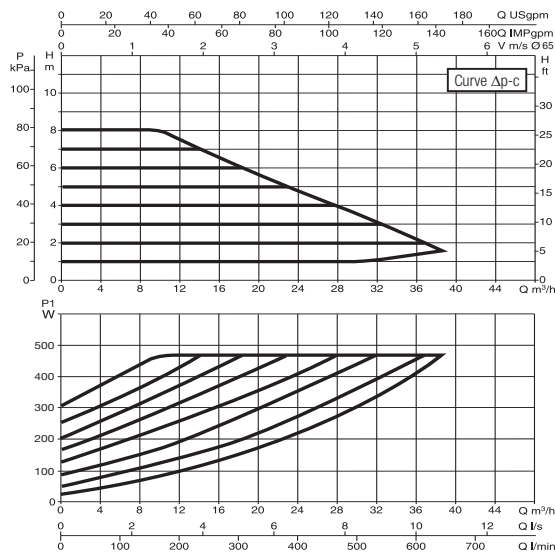
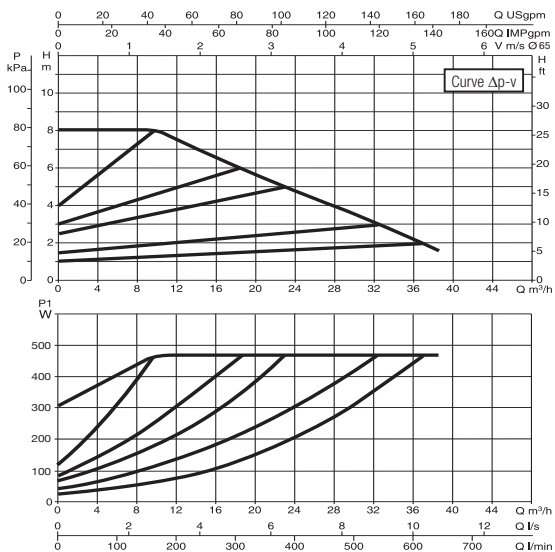
CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

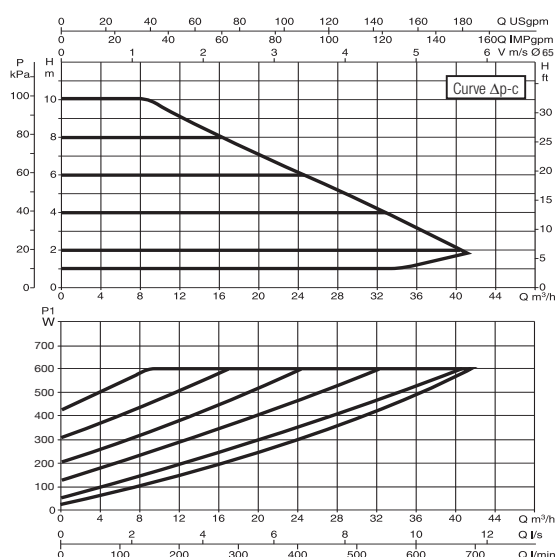
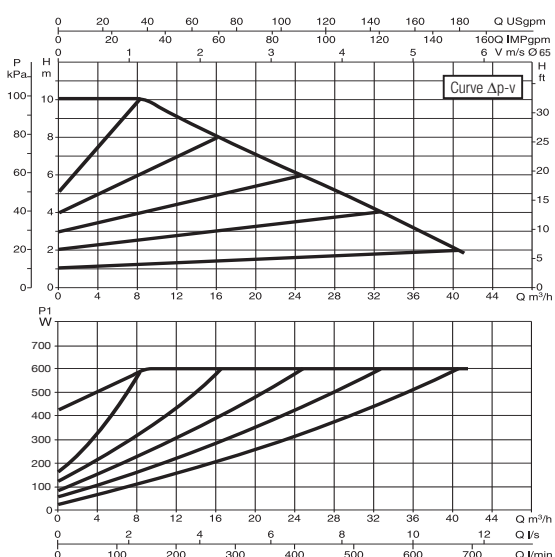
SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

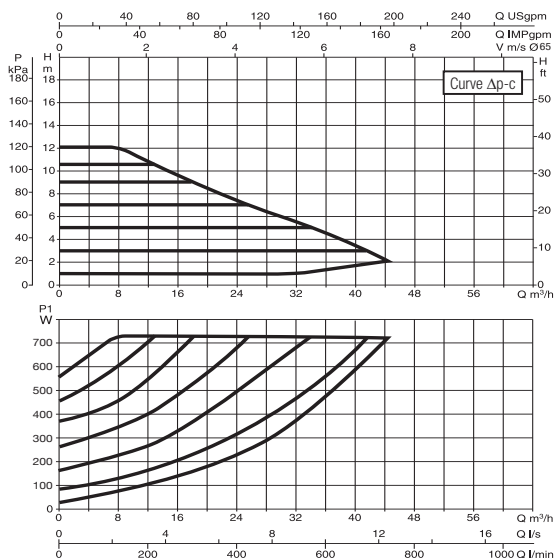
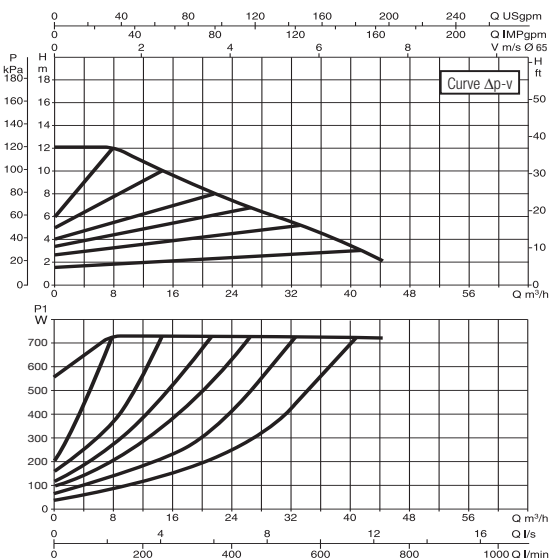
EVOPLUS B 80/340.65 SAN M



EVOPLUS B 100/340.65 SAN M



EVOPLUS B 120/340.65 SAN M

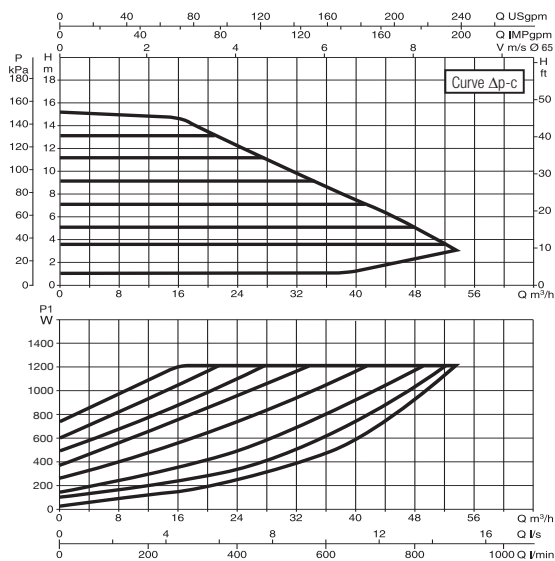
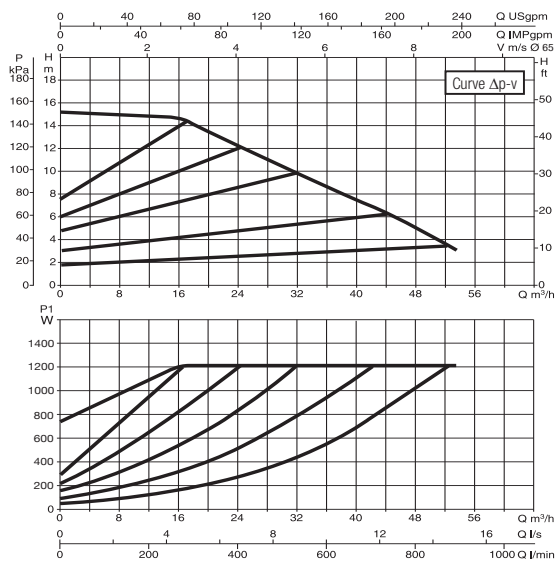


The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

EVOPLUS

CIRCULATORS FOR HEATING AND AIR-CONDITIONING SYSTEMS

EVOPLUS B 150/340.65 SAN M



The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

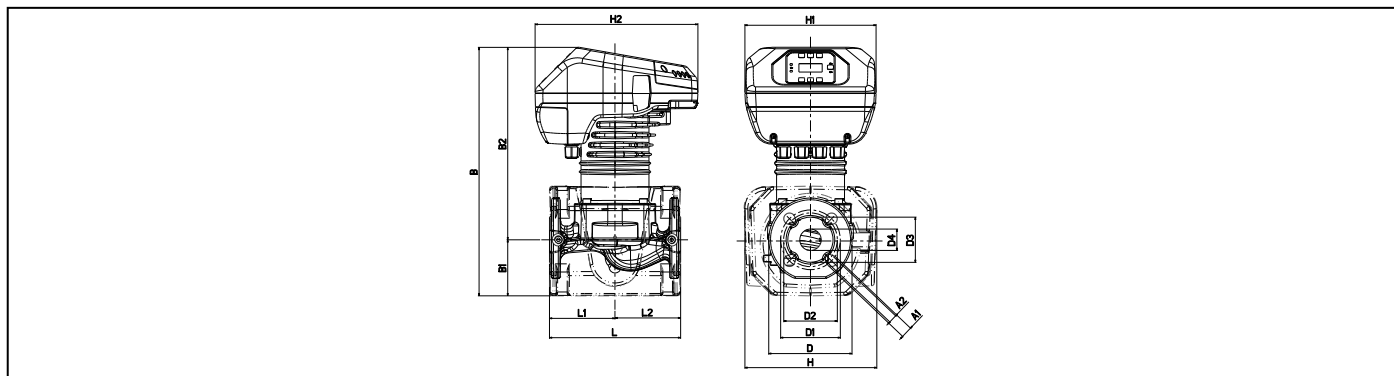
CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

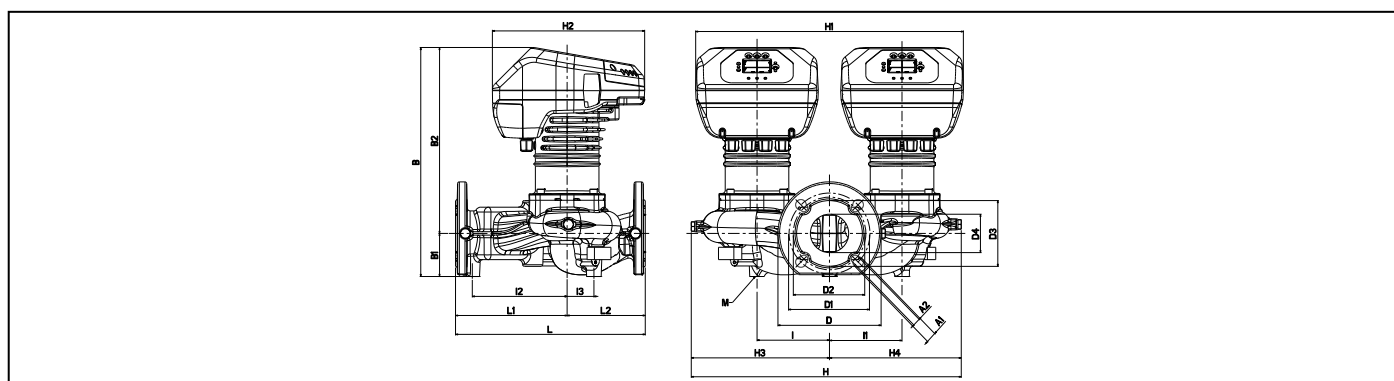
PRESSURE UNITS

DIMENSIONS AND WEIGHTS - EVOPLUS B



| MODEL | L | L1 | L2 | A1 | A2 | B | B1 | B2 | D | D1 | D2 | D3 | D4 | H | H1 | H2 | WEIGHT Kg |
|----------------------------|-----|-----|-----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------|
| EVOPLUS B 120/220.32 M | 220 | 110 | 110 | 19 | 14 | 417 | 94 | 323 | 140 | 100 | 90 | 76 | 36 | 222 | 220 | 273 | 14 |
| EVOPLUS B .../220.40 M | 220 | 110 | 110 | 19 | 14 | 419 | 93 | 326 | 150 | 110 | 100 | 84 | 42 | 222 | 220 | 273 | 15,5 |
| EVOPLUS B .../250.40 M | 250 | 125 | 125 | 19 | 14 | 419 | 93 | 326 | 150 | 110 | 100 | 84 | 42 | 230 | 220 | 273 | 16 |
| EVOPLUS B .../240.50 M | 240 | 120 | 120 | 19 | 14 | 413 | 87 | 325 | 165 | 125 | 110 | 99 | 53 | 222 | 220 | 273 | 17 |
| EVOPLUS B .../280.50 M | 280 | 140 | 140 | 19 | 14 | 413 | 87 | 325 | 165 | 125 | 110 | 99 | 53 | 230 | 220 | 273 | 18 |
| EVOPLUS B .../340.65 M | 340 | 170 | 170 | 19 | 14 | 443 | 110 | 333 | 185 | 145 | 130 | 118 | 69 | 280 | 220 | 273 | 20 |
| EVOPLUS B .../360.80 M | 360 | 180 | 180 | 19 | - | 446 | 106 | 340 | 200 | 160 | - | 132 | 80 | 279 | 220 | 273 | 25 |
| EVOPLUS B .../450.100 M | 450 | 225 | 225 | 19 | - | 463 | 110 | 353 | 220 | 180 | - | 156 | 105 | 292 | 220 | 273 | 30 |
| EVOPLUS B 120/220.32 SAN M | 220 | 110 | 110 | 19 | 14 | 417 | 94 | 323 | 140 | 100 | 90 | 76 | 36 | 222 | 220 | 273 | 14 |
| EVOPLUS B .../250.40 SAN M | 250 | 125 | 125 | 19 | 14 | 419 | 93 | 326 | 150 | 110 | 100 | 84 | 42 | 230 | 220 | 273 | 16 |
| EVOPLUS B .../280.50 SAN M | 280 | 140 | 140 | 19 | 14 | 413 | 87 | 325 | 165 | 125 | 110 | 99 | 53 | 230 | 220 | 273 | 18 |
| EVOPLUS B .../340.65 SAN M | 340 | 170 | 170 | 19 | 14 | 443 | 110 | 333 | 185 | 145 | 130 | 118 | 69 | 280 | 220 | 273 | 20 |

DIMENSIONS AND WEIGHTS - EVOPLUS D



| MODEL | L | L1 | L2 | A1 | A2 | B | B1 | B2 | D | D1 | D2 | D3 | D4 | I | I1 | I2 | I3 | M | H | H1 | H2 | H3 | H4 | WEIGHT Kg |
|-------------------------|-----|-----|-----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------|
| EVOPLUS D 120/220.32 M | 220 | - | - | 19 | 14 | 391 | 68 | 323 | 140 | 100 | 90 | 76 | 36 | 130 | 130 | 97 | 40 | M12 | 419 | 480 | 323 | 209 | 210 | 29 |
| EVOPLUS D .../220.40 M | 220 | - | - | 19 | 14 | 436 | 75 | 361 | 150 | 110 | 100 | 84 | 42 | 130 | 130 | 53 | 80 | M12 | 438 | 480 | 288 | 219 | 218 | 31 |
| EVOPLUS D .../250.40 M | 250 | - | - | 19 | 14 | 395 | 69 | 326 | 150 | 110 | 100 | 84 | 42 | 130 | 130 | 58 | 81 | M12 | 454 | 480 | 274 | 228 | 226 | 32 |
| EVOPLUS D .../240.50 M | 240 | - | - | 19 | 14 | 400 | 75 | 325 | 165 | 125 | 110 | 99 | 53 | 130 | 130 | 48 | 115 | M12 | 463 | 480 | 318 | 233 | 230 | 33 |
| EVOPLUS D .../280.50 M | 280 | - | - | 19 | 14 | 400 | 75 | 325 | 165 | 125 | 110 | 99 | 53 | 130 | 130 | 125 | 50 | M12 | 467 | 480 | 273 | 235 | 232 | 34 |
| EVOPLUS D .../340.65 M | 340 | 200 | 140 | 19 | 14 | 411 | 77 | 334 | 185 | 145 | 130 | 118 | 69 | 130 | 130 | 170 | 48 | M12 | 484 | 480 | 273 | 248 | 236 | 37 |
| EVOPLUS D .../360.80 M | 360 | 200 | 160 | 19 | - | 437 | 96 | 341 | 200 | 160 | - | 132 | 80 | 130 | 130 | 160 | 58 | M12 | 515 | 480 | 273 | 262 | 253 | 44 |
| EVOPLUS D .../450.100 M | 450 | 260 | 190 | 19 | - | 456 | 103 | 353 | 220 | 180 | - | 156 | 105 | 135 | 135 | 200 | 43 | 12 | 517 | 490 | 273 | 265 | 252 | 53 |



Single body consisting of a cast iron hydraulic unit. Die-cast aluminium motor casing. Technopolymer impeller. Alumina driving shaft mounted on ceramic brushings lubricated by the pumped liquid itself. Stainless steel protective rotor sleeve, stator sleeve and closing flange. Ceramic thrust bearing, E.P.D.M. O-rings and brass air outlet cap. The two-pole asynchronous motor with wet rotor is self-protected for resistance.

No overload protection required. Three-speed operation.

Operating range

from 0.5 to 3,6 m³/h with head up to 6 metres.

Liquid temperature range

from -10°C to +110°C.

Pumped liquid characteristics clean, free from solids and mineral oils, non viscous, chemically neutral, close to the characteristics of water (max 30% glycol).

Maximum working pressure

10 bar (1000 kPa).

Protection level corresponding to IP 44

Insulation class F

Cable grommet PG 11

Installation with motor axis horizontal.

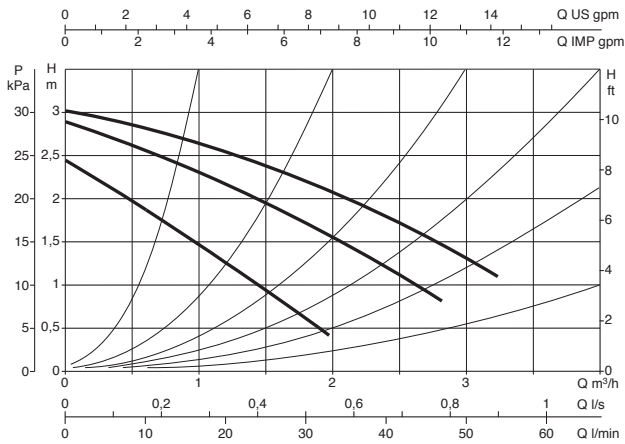
Only for extra EU markets. Please contact our sales network for more information

TECHNICAL DATA - VA SINGLE WITH UNIONS

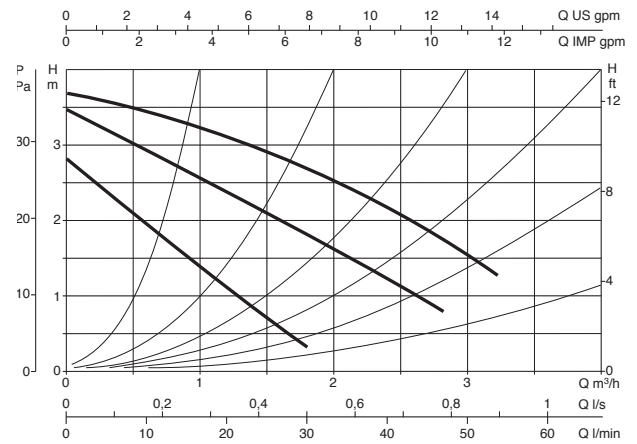
| MODEL | CENTRE DISTANCE mm | ELECTRICAL DATA | | | | | | UNIONS ON REQUEST | | MINIMUM SUCTION PRESSURE | | |
|----------------|--------------------|-----------------|-------------|----------------------|----------------|-------------------------------------|-----------|-------------------|----------|--------------------------|--------|------|
| | | VOLTAGE 60Hz | SPEED | n r.p.m. | P1 MAX W | In A | CAPACITOR | | STANDARD | SPECIAL | t° | 90°C |
| | | | | | | | µF | Vc | | | | |
| VA 25/130 | 130 | 220-230 V~ | 3 2 1 | 3228 2830 1645 | 51 38 28 | 0.22-0.23 0.16-0.17 0.13-0.14 | 1,5 | 450 | 1°F | 3/4" F - 1 1/4" M | m.c.w. | 1,5 |
| VA 25/180 | 180 | 220-230 V~ | 3 2 1 | 3228 2830 1645 | 51 38 28 | 0.22-0.23 0.16-0.17 0.13-0.14 | 1,5 | 450 | 1°F | 3/4" F - 1 1/4" M | m.c.w. | 1,5 |
| VA 25/180 X | 180 | 220-230 V~ | 3 2 1 | 3228 2830 1645 | 51 38 28 | 0.22-0.23 0.16-0.17 0.13-0.14 | 1,5 | 450 | 1 1/4" F | - | m.c.w. | 1,5 |
| VA 35/130 | 130 | 220-230 V~ | 3 2 1 | 2665 1805 1000 | 60 48 30 | 0.24-0.26 0.2-0.22 0.13-0.14 | 1,5 | 450 | 1°F | - | m.c.w. | 1,5 |
| VA 35/130 | 130 | 220-230 V~ | 3 2 1 | 2665 1805 1000 | 60 48 30 | 0.24-0.26 0.2-0.22 0.13-0.14 | 1,5 | 450 | - | 3/4" F - 1 1/4" M | m.c.w. | 1,5 |
| VA 35/130-1/2" | 130 | 220-230 V~ | 3 2 1 | 2665 1805 1000 | 60 48 30 | 0.24-0.26 0.2-0.22 0.13-0.14 | 1,5 | 450 | - | - | m.c.w. | 1,5 |
| VA 35/180 | 180 | 220-230 V~ | 3 2 1 | 2665 1805 1000 | 60 48 30 | 0.24-0.26 0.2-0.22 0.13-0.14 | 1,5 | 450 | 1°F | 3/4" F - 1 1/4" M | m.c.w. | 1,5 |
| VA 35/180 X | 180 | 220-230 V~ | 3 2 1 | 2665 1805 1000 | 60 48 30 | 0.24-0.26 0.2-0.22 0.13-0.14 | 1,5 | 450 | 1 1/4" F | - | m.c.w. | 1,5 |
| VA 55/130 | 130 | 220-230 V~ | 3 2 1 | 2532 1540 830 | 73 52 30 | 0.3-0.32 0.23-0.24 0.14-0.15 | 2 | 450 | 1°F | 3/4" F - 1 1/4" M | m.c.w. | 1,5 |
| VA 55/130-1/2" | 130 | 220-230 V~ | 3 2 1 | 2532 1540 830 | 73 52 30 | 0.3-0.32 0.23-0.24 0.14-0.15 | 2 | 450 | - | - | m.c.w. | 1,5 |
| VA 55/180 | 180 | 220-230 V~ | 3 2 1 | 2532 1540 830 | 73 52 30 | 0.3-0.32 0.23-0.24 0.14-0.15 | 2 | 450 | 1°F | - | m.c.w. | 1,5 |
| VA 55/180 | 180 | 220-230 V~ | 3 2 1 | 2532 1540 830 | 73 52 30 | 0.3-0.32 0.23-0.24 0.14-0.15 | 2 | 450 | - | 3/4" F - 1 1/4" M | m.c.w. | 1,5 |
| VA 55/180 X | 180 | 220-230 V~ | 3 2 1 | 2532 1540 830 | 73 52 30 | 0.3-0.32 0.23-0.24 0.14-0.15 | 2 | 450 | 1 1/4" F | - | m.c.w. | 1,5 |
| VA 65/130 | 130 | 220-230 V~ | 3 2 1 | 2506 1544 850 | 84 62 38 | 0.35-0.37 0.26-0.28 0.17-0.18 | 2 | 450 | 1°F | 3/4" F - 1 1/4" M | m.c.w. | 1,5 |
| VA 65/130-1/2" | 130 | 220-230 V~ | 3 2 1 | 2506 1544 850 | 84 62 38 | 0.35-0.37 0.26-0.28 0.17-0.18 | 2 | 450 | - | - | m.c.w. | 1,5 |
| VA 65/180 | 180 | 220-230 V~ | 3 2 1 | 2506 1544 850 | 84 62 38 | 0.35-0.37 0.26-0.28 0.17-0.18 | 2 | 450 | 1°F | 3/4" F - 1 1/4" M | m.c.w. | 1,5 |
| VA 65/180 X | 180 | 220-230 V~ | 3 2 1 | 2506 1544 850 | 84 62 38 | 0.35-0.37 0.26-0.28 0.17-0.18 | 2 | 450 | 1 1/4" F | - | m.c.w. | 1,5 |

VA WET ROTOR CIRCULATORS

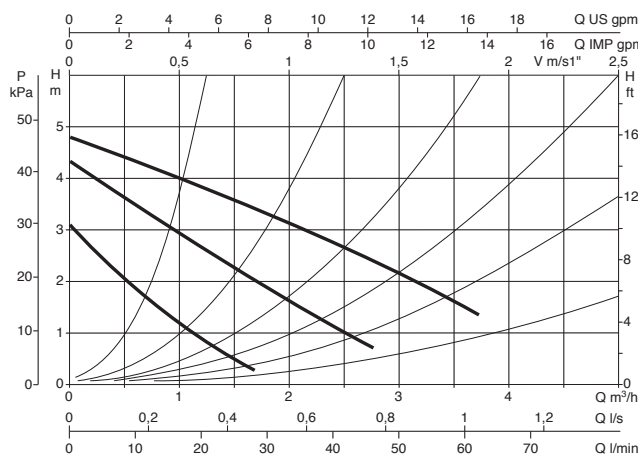
VA 25



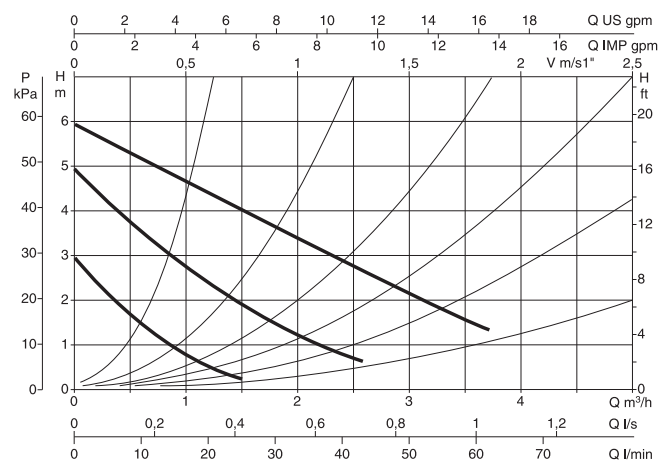
VA 35



VA 55

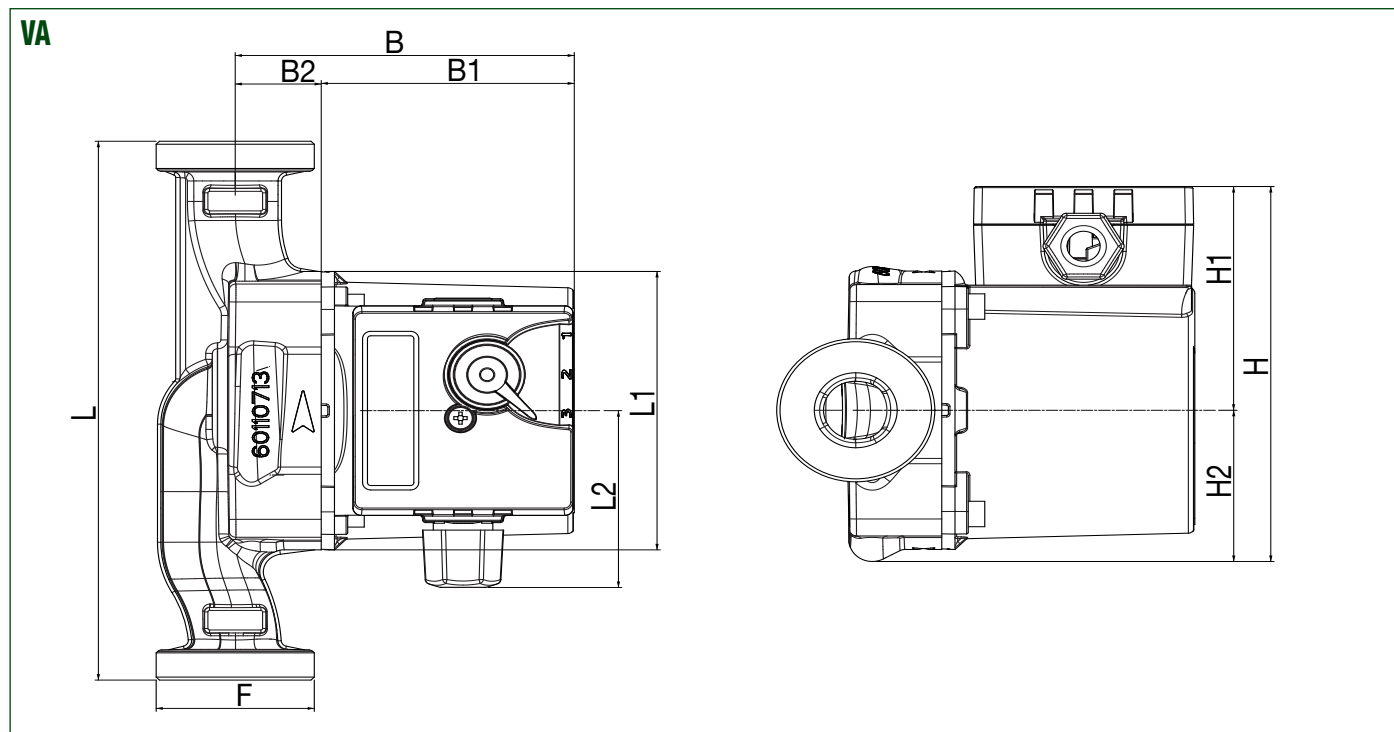


VA 65



| SINGLE | TWIN | P1 Max W | Q m³/h l/min | 0 | 0,6 | 1,2 | 1,8 | 2,4 | 3 |
|--------|--------------|----------------|--------------------|-----|-----|-----|-----|-----|-----|
| | | | | 0 | 10 | 20 | 30 | 40 | 50 |
| VA 25 | - | 51 | H (m) | 3,0 | 2,8 | 2,6 | 2,2 | 1,8 | 1,6 |
| VA 35 | - | 60 | | 3,7 | 3,4 | 3,1 | 2,7 | 2,2 | 1,6 |
| VA 55 | VD 55/220.32 | 73 | | 4,8 | 4,4 | 3,8 | 3,3 | 2,7 | 1,8 |
| VA 65 | - | 84 | | 5,9 | 5,2 | 4,4 | 3,6 | 2,9 | 2,1 |

DIMENSIONS AND WEIGHTS



| MODEL | L | L1 | L2 | B | B1 | B2 | H | H1 | H2 | F | PACKING DIMENSIONS | | | WEIGHT Kg | Q.TY x PALLET |
|--------------|-----|----|----|-------|------|----|-------|----|------|-----|--------------------|-----|-----|--------------|---------------------|
| | | | | | | | | | | | L | B | H | | |
| VA 25/130 | 130 | 93 | 59 | 102,5 | 76,5 | 26 | 125,5 | 75 | 50,5 | 1½" | 135 | 135 | 150 | 2.7 | 240 |
| VA 25/180 | 180 | 93 | 59 | 102,5 | 76,5 | 26 | 125,5 | 75 | 50,5 | 1½" | 130 | 190 | 150 | 2.8 | 180 |
| VA 25/180 X | 180 | 93 | 59 | 102,5 | 76,5 | 26 | 125,5 | 75 | 50,5 | 2" | 130 | 190 | 150 | 2.9 | 180 |
| VA 35/130 | 130 | 93 | 59 | 102,5 | 76,5 | 26 | 125,5 | 75 | 50,5 | 1½" | 135 | 135 | 150 | 2.7 | 240 |
| VA 35/130-½" | 130 | 93 | 59 | 102,5 | 76,5 | 26 | 125,5 | 75 | 50,5 | 1" | 135 | 135 | 150 | 2.6 | 240 |
| VA 35/180 | 180 | 93 | 59 | 102,5 | 76,5 | 26 | 125,5 | 75 | 50,5 | 1½" | 130 | 190 | 150 | 2.8 | 180 |
| VA 35/180 X | 180 | 93 | 59 | 102,5 | 76,5 | 26 | 125,5 | 75 | 50,5 | 2" | 130 | 190 | 150 | 2.9 | 180 |
| VA 55/130 | 130 | 93 | 59 | 102,5 | 76,5 | 26 | 125,5 | 75 | 50,5 | 1½" | 135 | 135 | 150 | 2.7 | 240 |
| VA 55/130-½" | 130 | 93 | 59 | 102,5 | 76,5 | 26 | 125,5 | 75 | 50,5 | 1" | 135 | 135 | 150 | 2.6 | 240 |
| VA 55/180 | 180 | 93 | 59 | 102,5 | 76,5 | 26 | 125,5 | 75 | 50,5 | 1½" | 130 | 190 | 150 | 2.8 | 180 |
| VA 55/180 X | 180 | 93 | 59 | 102,5 | 76,5 | 26 | 125,5 | 75 | 50,5 | 2" | 130 | 190 | 150 | 2.9 | 180 |
| VA 65/130 | 130 | 93 | 59 | 102,5 | 76,5 | 26 | 125,5 | 75 | 50,5 | 1½" | 135 | 135 | 150 | 2.7 | 240 |
| VA 65/130-½" | 130 | 93 | 59 | 102,5 | 76,5 | 26 | 125,5 | 75 | 50,5 | 1" | 135 | 135 | 150 | 2.6 | 240 |
| VA 65/180 | 180 | 93 | 59 | 102,5 | 76,5 | 26 | 125,5 | 75 | 50,5 | 1½" | 130 | 190 | 150 | 2.7 | 180 |
| VA 65/180 X | 180 | 93 | 59 | 102,5 | 76,5 | 26 | 125,5 | 75 | 50,5 | 2" | 130 | 190 | 150 | 2.9 | 180 |



Pump body in cast iron and motor casing in die-cast aluminium. Technopolymer impeller and tempered stainless steel driving shaft mounted on graphite brushings lubricated by the pumped liquid itself. Flanged vents, (threaded series A), provided with threaded connectors for controlling gauges. Stainless steel protective rotor sleeve, stator sleeve and closing flange. Ceramic thrust bearing, E.P.D.M. "O" rings and brass air outlet cap. The two-pole asynchronous motor with wet rotors designed for **three-speed** operation, single-phase version, **for two-speed** operation, for three-phase version. Thermal overload protection incorporated in the single phase version. In the twin version an automatic clapet type valve and blank flange are provided.

Operating range

from 1 to 12 m³/h with head up to 11 metres.

Liquid temperature range

from -10°C to +110°C.

Pumped liquid characteristics clean, free from solids and mineral oils, not viscous, chemically neutral, close to the characteristics of water (max 30% glycol).

Maximum working pressure 10 bar (1000 kPa).

Protection level IP 44

Insulation class F

Cable grommet PG 11

Installation with motor axis horizontal.

Only for extra EU markets. Please contact our sales network for more information

TECHNICAL DATA - A SINGLE WITH UNIONS

| MODEL | VOLTAGE 60Hz | CENTRE DISTANCE mm | FLANGES ON REQUEST | SPEED | ELECTRICAL DATA | | | | | MINIMUM SUCTION PRESSURE | |
|-------------|-----------------|--------------------------|-----------------------|-------|-----------------|-------------|-----------|-----------|-----|-----------------------------|-----|
| | | | | | REV. 1/min | P1 MAX W | In A | CAPACITOR | | t° | 90° |
| | | | | | | | | µF | Vc | | |
| A 50/180 XM | 1x220-230 V~ | 180 | 2"G | 3 | 3357 | 171 | 0,76-0,8 | 4 | 450 | m.c.w. | 1,5 |
| | | | | 2 | 3214 | 172 | 0,78-0,82 | | | | |
| | | | | 1 | 2768 | 162 | 0,76-0,8 | | | | |
| A 50/180 M | 1x220-230 V~ | 180 | 1 1/2"G | 3 | 3250 | 171 | 1,14-1,2 | 4 | 450 | m.c.w. | 1,5 |
| | | | | 2 | 2887 | 172 | 1-1,15 | | | | |
| | | | | 1 | 2002 | 162 | 0,95-1 | | | | |
| | | | | 1 | | | | | | | |
| A 50/180 XT | 3x220-277 V~ | 180 | 2"G | 2 | 3400 | 173 | 0,71-0,9 | - | - | m.c.w. | 1,5 |
| | | | | 1 | 3010 | 126 | 0,38-0,47 | | | | |
| | 3x380-480 V~ | 180 | 2"G | 2 | 3422 | 164 | 0,39-0,5 | - | - | m.c.w. | 1,5 |
| | | | | 1 | 3052 | 123 | 0,2-0,25 | | | | |
| A 50/180 T | 3x220-277 V~ | 180 | 1 1/2"G | 2 | 3385 | 181 | 0,77-0,96 | - | - | m.c.w. | 1,5 |
| | | | | 1 | 2973 | 134 | 0,41-0,51 | | | | |
| | 3x380-480 V~ | 180 | 1 1/2"G | 2 | 3400 | 177 | 0,44-0,55 | - | - | m.c.w. | 1,5 |
| | | | | 1 | 3016 | 133 | 0,23-0,3 | | | | |
| A 56/180 XM | 1x220-230 V~ | 180 | 2"G | 3 | 3283 | 262 | 1,1-1,15 | 7 | 400 | m.c.w. | 1,5 |
| | | | | 2 | 2989 | 250 | 1,04-1,1 | | | | |
| | | | | 1 | 1980 | 218 | 0,95-1 | | | | |
| A 56/180 M | 1x220-230 V~ | 180 | 1 1/2"G | 3 | 3250 | 270 | 1,14-1,2 | 7 | 450 | m.c.w. | 1,5 |
| | | | | 2 | 2887 | 261 | 1-1,15 | | | | |
| | | | | 1 | 2002 | 216 | 0,95-1 | | | | |
| | | | | 1 | | | | | | | |
| A 56/180 XT | 3x220-277 V~ | 180 | 2"G | 2 | 3283 | 252 | 0,9-1,1 | - | - | m.c.w. | 1,5 |
| | | | | 1 | 2989 | 183 | 0,53-0,66 | | | | |
| | 3x380-48 V~ | 180 | 2"G | 2 | 3276 | 255 | 0,52-0,65 | - | - | m.c.w. | 1,5 |
| | | | | 1 | 2685 | 182 | 0,3-0,38 | | | | |

A WET ROTOR CIRCULATORS

| MODEL | VOLTAGE 60Hz | CENTRE DISTANCE mm | FLANGES ON REQUEST | SPEED | ELECTRICAL DATA | | | | | MINIMUM SUCTION PRESSURE | |
|--------------|-----------------|--------------------------|-----------------------|-------------|----------------------|-------------------|-------------------------------------|-----------|-----|-----------------------------|-----|
| | | | | | REV. 1/min | P1 MAX W | In A | CAPACITOR | | t° | 90° |
| | | | | | | | | µF | Vc | | |
| A 56/180 T | 3x220-277 V~ | 180 | 1½"G | 2 1 | 3290 2711 | 252 183 | 0,9-1,1 0,53-0,65 | - | - | m.c.w. | 1,5 |
| | 3x380-480 V~ | | | 2 1 | 3265 2650 | 252 183 | 0,53-0,67 0,32-0,4 | | | | |
| A 80/180 XM | 1x220-230 V~ | 180 | 2"G | 3 2 1 | 3286 3006 2160 | 237 228 200 | 0,98-1,03 0,97-1,01 0,87-0,91 | 7 | 450 | m.c.w. | 2,5 |
| A 80/180 M | 1x220-230 V~ | 180 | 1½"G | 3 2 1 | 3260 2893 1900 | 267 254 207 | 1,14-1,2 1-1,13 0,95-1 | 7 | 450 | m.c.w. | 2,5 |
| A 80/180 XT | 3x220-277 V~ | 180 | 2"G | 2 1 | 3276 2685 | 252 181 | 0,9-1,1 0,53-0,66 | - | - | m.c.w. | 2,5 |
| | 3x380-480 V~ | | | 2 1 | 3276 2685 | 252 181 | 0,52-0,665 0,3-0,37 | | | | |
| A 80/180 T | 3x220-277 V~ | 180 | 1½"G | 2 1 | 3260 2655 | 257 179 | 0,9-1,1 0,53-0,66 | - | - | m.c.w. | 2,5 |
| | 3x380-480 V~ | | | 2 1 | 3276 2685 | 261 181 | 0,52-0,46 0,3-0,27 | | | | |
| A 110/180 M | 1x220-230 V~ | 180 | 1½"G | 3 2 1 | 3366 3206 2720 | 382 339 318 | 1,6-1,7 1,42-1,5 1,4-1,45 | 12 | 450 | m.c.w. | 2,5 |
| A 110/180 XM | 1x220-230 V~ | 180 | 2"G | 3 2 1 | 3370 3228 2745 | 386 339 318 | 1,6-1,7 1,4-1,5 1,3-1,4 | 12 | 450 | m.c.w. | 2,5 |
| A 110/180 T | 3x220-277 V~ | 180 | 2"G | 2 1 | 3334 2842 | 372 271 | 1,36-1,7 0,8-1 | - | - | m.c.w. | 2,5 |
| | 3x380-480 V~ | | | 2 1 | 3352 2902 | 354 266 | 0,78-1 0,45-0,56 | | | | |
| A 110/180 XT | 3x220-277 V~ | 180 | 2"G | 2 1 | 3334 2842 | 372 271 | 1,36-1,7 0,8-1 | - | - | m.c.w. | 2,5 |
| | 3x380-480 V~ | | | 2 1 | 3352 2902 | 354 266 | 0,78-1 0,45-0,56 | | | | |

DCONNECT

COMMAND AND
CONTROL SYSTEMSCIRCULATORS AND
IN-LINE PUMPSMULTIUSAGE CENTRIFUGAL
AND SELF-PRIMING PUMPSSWIMMING POOL, POND AND
SALT WATER PUMPS

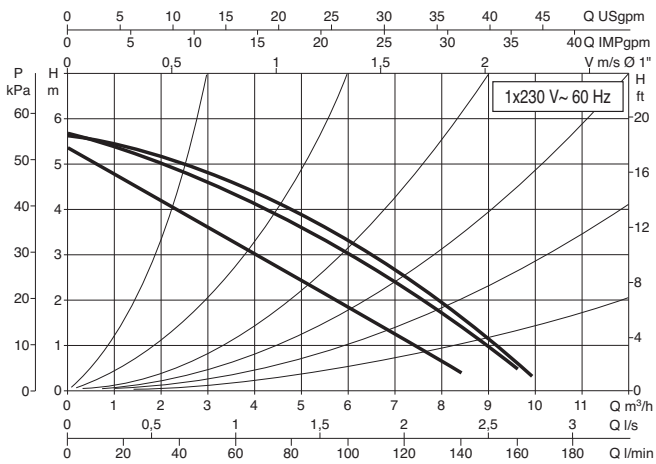
CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

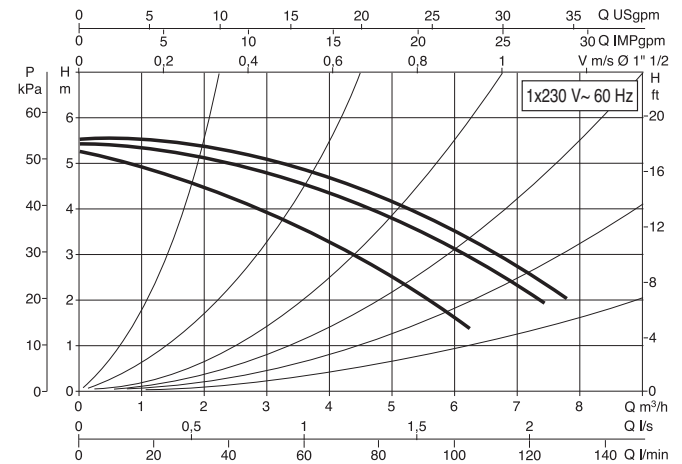
SUBMERSIBLE PUMPS
AND SUBMERSIBLE MOTORS

PRESSURE UNITS

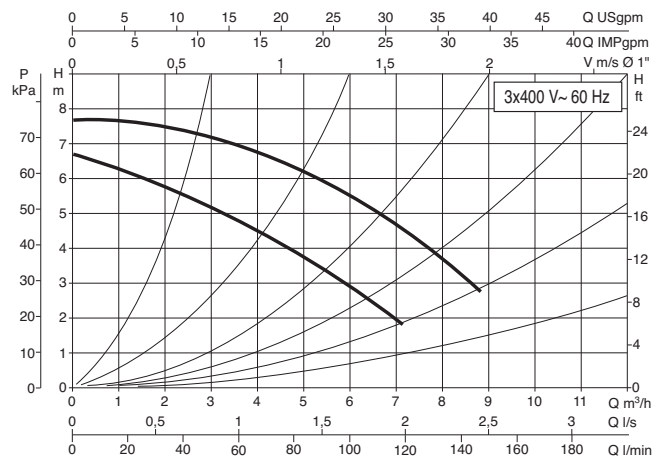
A 50/180 XM



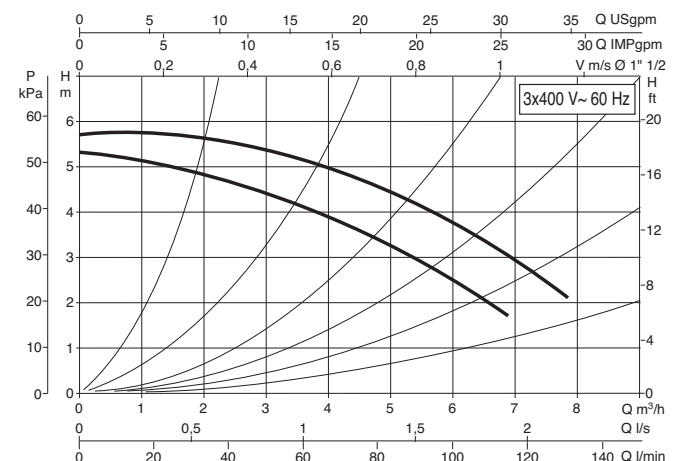
A 50/180M



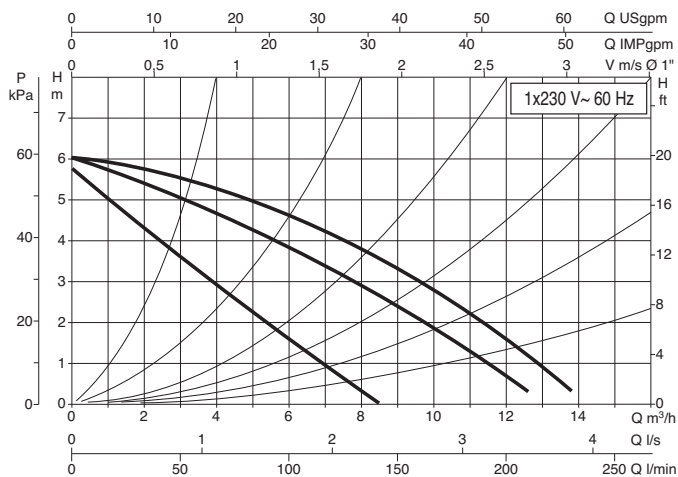
A 50/180 XT



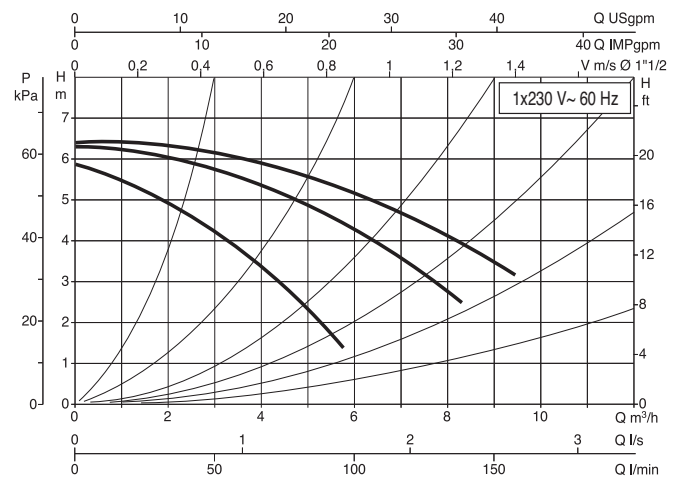
A 50/180 T



A 56/180 XM

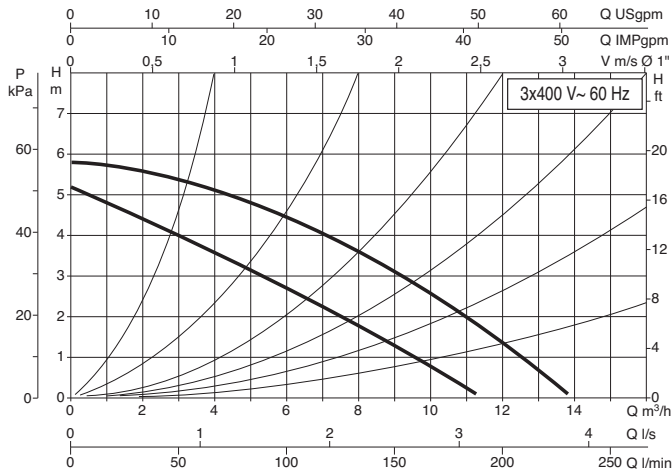


A 56/180 M

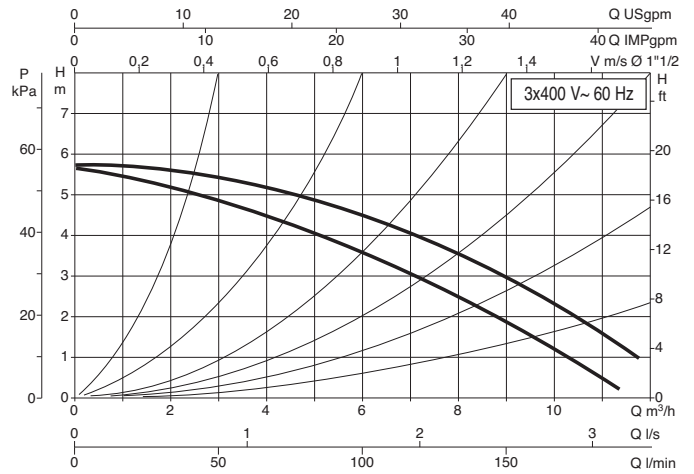


The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

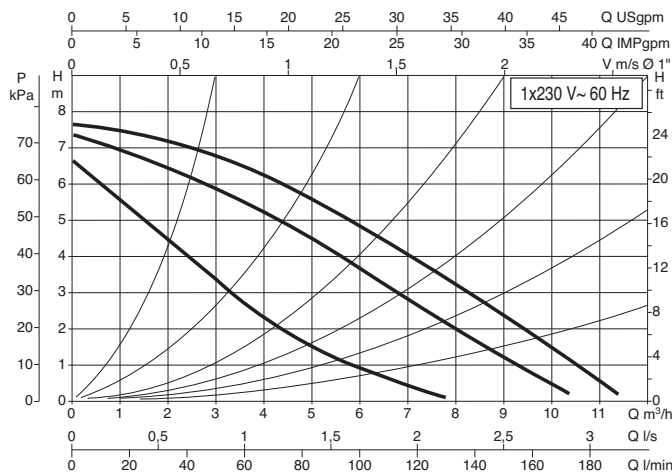
A 56/180 XT



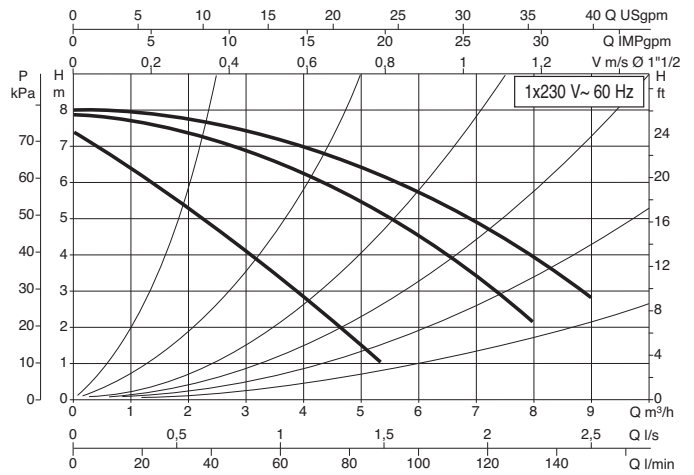
A 56/180 T



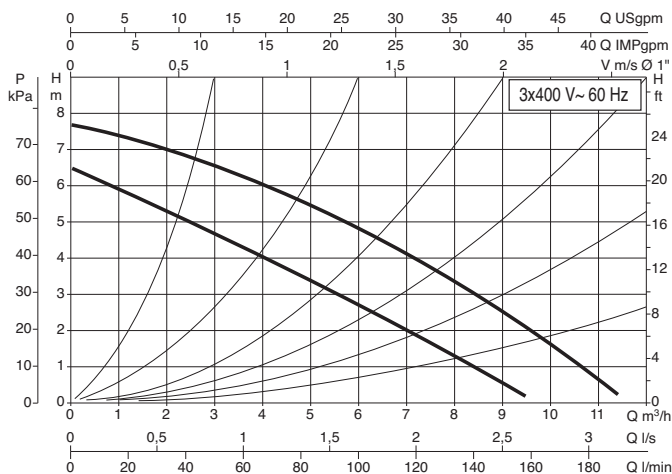
A 80/180 XM



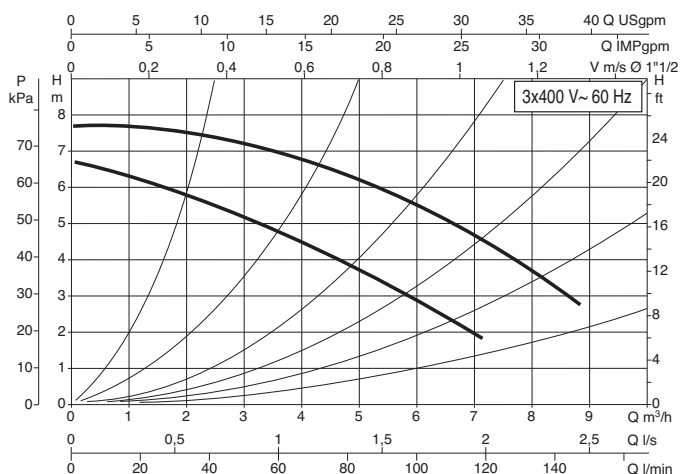
A 80/180 M



A 80/180 XT

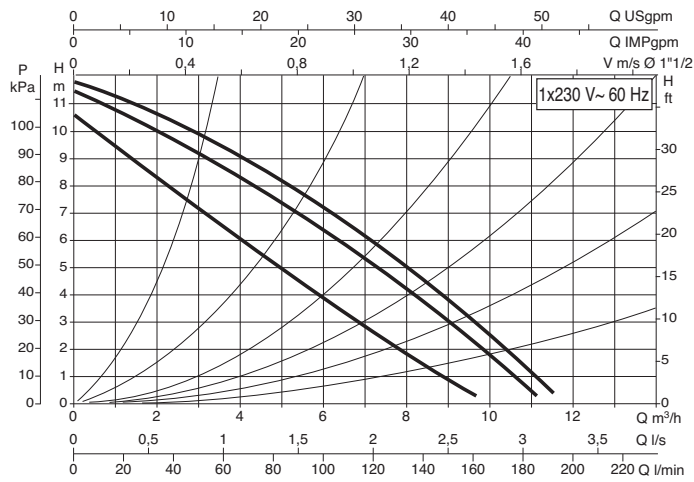


A 80/180 T

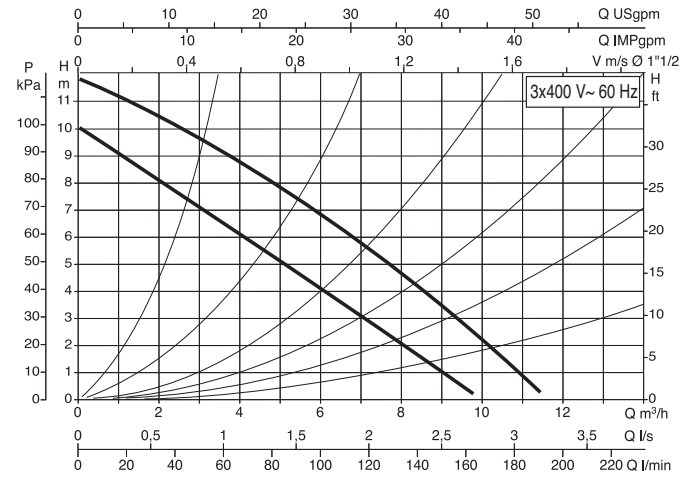


The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

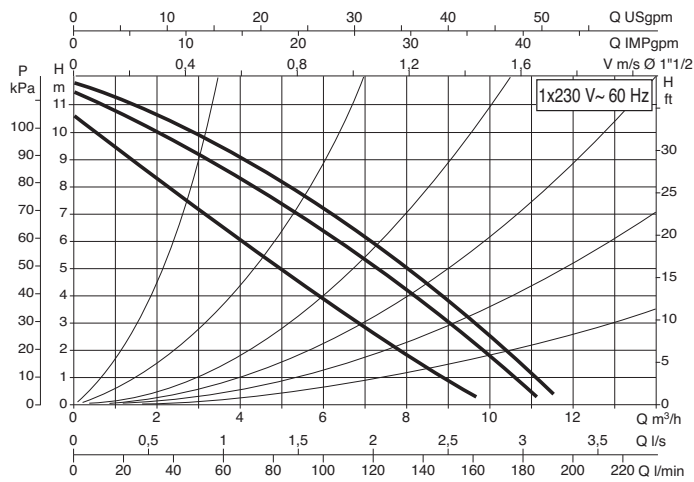
A 110/180 XM



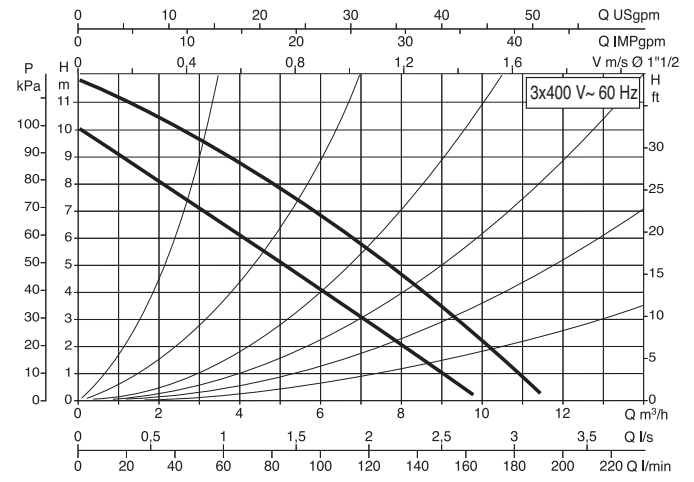
A 110/180 XT



A 110/180 M



A 110/180 T

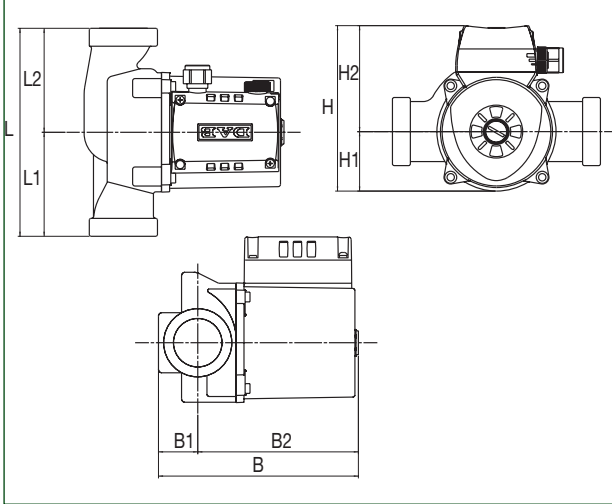


| SINGLE Single-phase - Three-phase | P1 Max W | Q m³/h l/min | H (m) | | | | | | | | | | | | |
|--------------------------------------|----------------|--------------------|-------|------|------|------|-----|-----|-----|-----|-----|-----|-----|--|--|
| | | | 0 | 0,6 | 1,2 | 1,8 | 2,4 | 3 | 4,2 | 5,4 | 7,2 | 9,6 | 12 | | |
| | | | 0 | 10 | 20 | 30 | 40 | 50 | 70 | 90 | 120 | 160 | 200 | | |
| A 50/180 XM- M | 172 | H (m) | 5,6 | 5,5 | 5,4 | 5,2 | 5,0 | 4,8 | 4,2 | 3,6 | 2,6 | 0,6 | | | |
| A 50/180 XT-T | 181 | | 5,6 | 5,4 | 5,3 | 5,2 | 5,1 | 4,9 | 4,3 | 3,6 | 2,7 | 0,7 | | | |
| A 56/180 XM-M | 270 | | 6,4 | 6,4 | 6,3 | 6,2 | 6,2 | 6,1 | 5,9 | 4,8 | 4,1 | 3 | 1,4 | | |
| A 56/180 XT-T | 255 | | 6,2 | 6,2 | 6,1 | 6,0 | 6,0 | 5,9 | 5,8 | 4,7 | 3,9 | 2,8 | 1,2 | | |
| A 80/180 XM-M | 267 | | 7,7 | 7,4 | 7,2 | 6,9 | 6,8 | 6,6 | 6,1 | 5 | 3,9 | 1,8 | | | |
| A 80/180 XT- T | 261 | | 7,7 | 7,4 | 7,2 | 6,9 | 6,8 | 6,6 | 6,1 | 5 | 3,9 | 2 | | | |
| A 110/180 XM-M | 386 | | 11,9 | 11,4 | 10,9 | 10,5 | 10 | 9,6 | 8,8 | 7,5 | 5,9 | 3,2 | | | |
| A 110/180 XT-T | 372 | | 12,0 | 11,3 | 10,9 | 10,4 | 10 | 9,6 | 8,5 | 7,6 | 6,0 | 2,9 | | | |

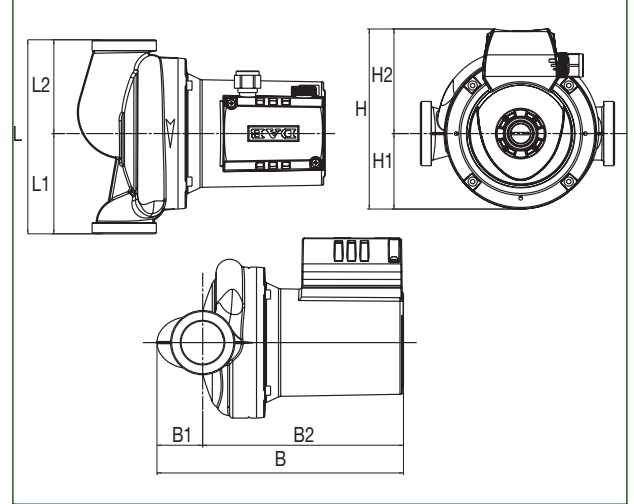
*The hydraulic values are considered at maximum speed and refer to each model.

DIMENSIONS AND WEIGHTS

A 50-56-80/...M-T



A 110/...M-T



| MODEL | L | L1 | L2 | B | B1 | B2 | H | H1 | H2 | F | WEIGHT Kg | Q.TY X PALLET |
|--------------|-----|----|----|-----|-----|-----|-----|----|----|-------|-----------|---------------|
| A 50/180 XM | 180 | 90 | 90 | 173 | 34 | 139 | 143 | 52 | 92 | 2"G | 4,8 | 115 |
| A 50/180 M | 180 | 90 | 90 | 173 | 34 | 139 | 143 | 52 | 92 | 1"1/2 | 4,8 | 115 |
| A 50/180 XT | 180 | 90 | 90 | 173 | 34 | 139 | 143 | 52 | 92 | 2"G | 5 | 115 |
| A 50/180 T | 180 | 90 | 90 | 173 | 34 | 139 | 143 | 52 | 92 | 1"1/2 | 5 | 115 |
| A 56/180 XM | 180 | 90 | 90 | 173 | 34 | 139 | 143 | 52 | 92 | 2"G | 4,8 | 115 |
| A 56/180 M | 180 | 90 | 90 | 173 | 34 | 139 | 143 | 52 | 92 | 1"1/2 | 4,8 | 115 |
| A 56/180 XT | 180 | 90 | 90 | 173 | 34 | 139 | 143 | 52 | 92 | 2"G | 5 | 115 |
| A 56/180 T | 180 | 90 | 90 | 173 | 34 | 139 | 143 | 52 | 92 | 1"1/2 | 5 | 115 |
| A 80/180 XM | 180 | 90 | 90 | 173 | 34 | 139 | 143 | 52 | 92 | 2"G | 4,8 | 115 |
| A 80/180 M | 180 | 90 | 90 | 173 | 34 | 139 | 143 | 52 | 92 | 1"1/2 | 4,8 | 115 |
| A 80/180 XT | 180 | 90 | 90 | 173 | 34 | 139 | 143 | 52 | 92 | 2"G | 5 | 115 |
| A 80/180 T | 180 | 90 | 90 | 173 | 34 | 139 | 143 | 52 | 92 | 1"1/2 | 5 | 115 |
| A 110/180 M | 180 | 93 | 87 | 229 | 42 | 186 | 167 | 70 | 97 | 1"1/2 | 7,5 | 54 |
| A 110/180 XM | 180 | 93 | 87 | 229 | 42 | 186 | 167 | 70 | 97 | 2"G | 7,5 | 54 |
| A 110/180 T | 180 | 93 | 87 | 229 | 186 | 42 | 163 | 70 | 93 | 1"1/2 | 7,7 | 54 |
| A 110/180 XT | 180 | 93 | 87 | 229 | 186 | 42 | 163 | 70 | 93 | 2"G | 7,7 | 54 |

VS WET ROTOR CIRCULATORS



CE Pump for hot water circulation in hot water domestic systems of the closed and pressurised or open tank type. Also suitable for solar power systems. Single body formed of the bronze hydraulic unit. Die-cast aluminium motor casing. Technopolymer impeller. Alumina driving shaft mounted on graphite brushings lubricated by the pumped liquid itself. Stainless steel protective rotor sleeve, stator sleeve and closing flange. Ceramic thrust bearing, E.P.D.M. "O" rings. The two-pole or four-pole asynchronous motor with wet rotor is self-protected for resistance. **No overload protection required.**

Operating range
from 0.5 to 3,6 m³/h with head up to 6 metres.

Liquid temperature range
from -10°C to +85°C (for sanitary use)
+110°C (for others use).

Pumped liquid characteristics clean, free from solids and mineral oils, non viscous, chemically neutral, close to the characteristics of water (max 30% glycol).

Maximum working pressure
10 bar (1000 kPa).

Protection level IP 44

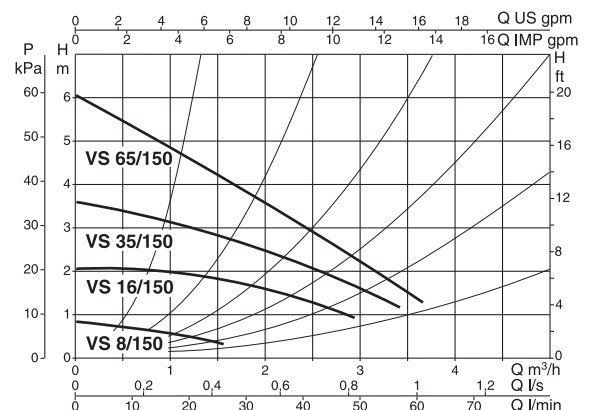
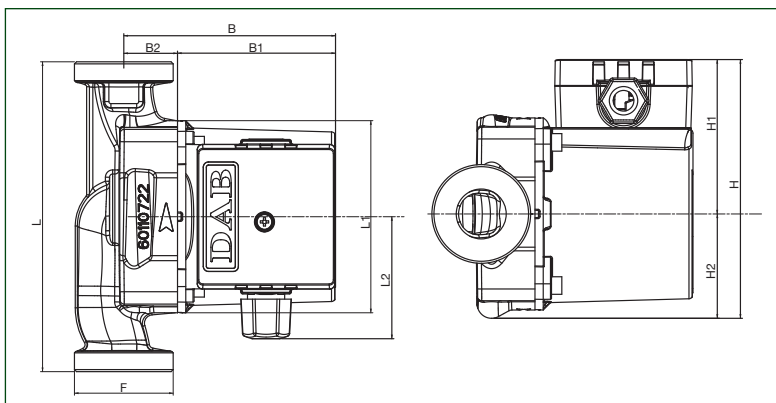
Insulation class F

Cable grommet PG 11

Installation with motor axis horizontal.

TECHNICAL DATA

| MODEL | CENTRE DISTANCE mm | ELECTRICAL DATA | | | | | UNIONS ON REQUEST | MINIMUM SUCTION PRESSURE | | Q m ³ /h l/min | 0 0 | 0,6 10 | 1,2 20 | 1,8 30 | 2,4 40 | 3 50 |
|-------------|--------------------|-----------------|----------|----------|------|-----------------|--|--------------------------|------|---------------------------|-----|--------|--------|--------|--------|------|
| | | VOLTAGE 60 Hz | n r.p.m. | P1 MAX W | In A | CAPACITOR μF Vc | | t° | 60°C | | | | | | | |
| VS 8/150 M | 150 | 1x220-230 V~ | 1550 | 32 | 0,21 | 1,7 450 | BRASS 1/2" F-3/4 F-1" F COPPER: Ø 22 - Ø 28 | m.c.w. | 1,5 | H (m) | 0,8 | 0,7 | 0,5 | | | |
| VS 16/150 M | 150 | 1x220-230 V~ | 3300 | 48 | 0,21 | 1,7 450 | BRASS 1/2" F-3/4 F-1" F COPPER: Ø 22 - Ø 28 | m.c.w. | 1,5 | | 2,1 | 2,1 | 1,9 | 1,7 | 1,3 | 0,9 |
| VS 35/150 M | 150 | 1x220-230 V~ | 2850 | 66 | 0,3 | 1,7 450 | BRASS 1/2" F-3/4 F-1" F COPPER: Ø 22 - Ø 28 | m.c.w. | 1,5 | | 3,6 | 3,4 | 3,1 | 2,6 | 2,1 | 1,5 |
| VS 65/150 M | 152 | 1x220-230 V~ | 2615 | 93 | 0,41 | 2 450 | BRASS 1/2" F-3/4 F-1" F COPPER: Ø 22 - Ø 28 | m.c.w. | 1,5 | | 6,0 | 5,4 | 4,7 | 3,9 | 3,0 | 2,1 |



DIMENSIONS AND WEIGHTS

| MODEL | L | L1 | L2 | B | B1 | B2 | H | H1 | H2 | F | PACKING DIMENSIONS | | | VOLUME | WEIGHT Kg |
|-----------|-----|----|----|-----|----|----|-----|----|----|----------|--------------------|-----|-----|--------|-----------|
| | | | | | | | | | | | L | B | H | | |
| VS 8/150 | 150 | 98 | 60 | 104 | 78 | 26 | 124 | 75 | 49 | 1 1/2" G | 130 | 185 | 135 | 0,0032 | 2,6 |
| VS 16/150 | 150 | 98 | 60 | 104 | 78 | 26 | 124 | 75 | 49 | 1 1/2" G | 130 | 185 | 135 | 0,0032 | 2,6 |
| VS 35/150 | 150 | 98 | 60 | 104 | 78 | 26 | 124 | 75 | 49 | 1 1/2" G | 130 | 185 | 135 | 0,0032 | 2,6 |
| VS 65/150 | 150 | 98 | 60 | 104 | 78 | 26 | 124 | 75 | 49 | 1 1/2" G | 130 | 185 | 135 | 0,0032 | 2,6 |

BMH - BPH - DMH - DPH

WET ROTOR CIRCULATORS



BPH/BMH



Pump for circulating hot water in small closed and pressurised or open tank civil and industrial community heating systems. Cast iron body and wet rotor motor. Die-cast aluminium motor casing. Flanged inlet and delivery mouths, fitted with threaded unions for pressure gauges. Technopolymer impeller, tempered stainless steel driving shaft. Stainless steel protective rotor sleeve and stator sleeve. Four pole asynchronous motor for the BMH and DMH versions, two pole motor for the BPH and DPH versions. The Single-phase circulator has been designed to work at three speeds - 230V, while the Three-phase circulator has been designed to work at two speeds - 230 V and at three speeds - 400 V. Thermal overload protection incorporated in the single-phase version. For the three-phase version the motor must be connected to the power supply through an external contactor. An automatic clapet type valve is incorporated into the delivery mouth of the twin version in order to prevent water from recirculating while the unit is not working; a blank flange is also supplied standard if one of the two motors must be serviced.

Protection level

IP 44 three-phase - IP42 single-phase

Operating range

from 1.5 to 78 m³/h with head up to 18 metres.

Liquid temperature range for three-phase version: from -10°C to +120°C (for the models BPH-DPH 150/340.65 T and BPH-DPH 150/360.80 T; BPH-DPH 150-180/280.50 T; BPH-DPH 180/340.65 T; BPH-DPH 180/360.80 T: from -10°C to +110°C).

For single-phase version: from -10°C to +110°C.

Characteristics of pumped liquid clean, free from solids and mineral oils, non viscous, chemically neutral, close to the characteristics of water (max. glycol 30%).

Maximum operating pressure 10 bar (1000 kPa).

Standard flanging DN 40, DN 50, DN 65, DN 80 in PN 6/ PN 10 (4 holes)

Flanging on request DN 80 in PN 10/PN 16 (8 holes)

Installation with MOTORAXIS HORIZONTAL

Cable grommet PG 11

Only for extra EU markets. Please contact our sales network for more information

TECHNICAL DATA - SINGLE WITH FLANGES

BMH 4 poles
BPH 2 poles

| MODEL | CENTRE DISTANCE mm | FLANGES ON REQUEST | ELECTRICAL DATA | | | | | MINIMUM SUCTION PRESSURE | | | | |
|------------------|--------------------|--------------------|-----------------|-------|--------|----------|-----------|--------------------------|------|------|-------|-------|
| | | | VOLTAGE 60 Hz | SPEED | r.p.m. | P1 MAX W | In A | t° | 75°C | 90°C | 110°C | 120°C |
| | | | | | | | | m.c.w. | | | | |
| BMH 30/250.40 T | 250 | DN 40 - PN10 | 3x380-480 V~ | 3 | 1725 | 196 | 0,6-0,8 | m.c.w. | 0,9 | 4 | - | 18 |
| | | | | 2 | 1702 | 155 | 0,5-0,6 | | | | | |
| BPH 60/250.40 M | 250 | DN 40 - PN10 | 1x220-230 V~ | 3 | 3389 | 334 | 1,5-1,54 | m.c.w. | 1,6 | 4 | 14 | - |
| | | | | 2 | 3291 | 327 | 1,6-1,7 | | | | | |
| BPH 60/250.40 T | 250 | DN 40 - PN10 | 3x380-480 V~ | 3 | 3480 | 340 | 0,82-0,86 | m.c.w. | 1,6 | 4 | - | 19 |
| | | | | 2 | 3420 | 313 | 0,65-0,68 | | | | | |
| BPH 120/250.40 M | 250 | DN 40 - PN10 | 1x220-230 V~ | 3 | 3172 | 539 | 2,3-2,4 | m.c.w. | 6 | 9 | 18 | - |
| | | | | 2 | 2793 | 552 | 2,5-2,7 | | | | | |
| BPH 120/250.40 T | 250 | DN 40 - PN10 | 3x380-480 V~ | 3 | 3230 | 511 | 0,98-1,04 | m.c.w. | 6 | 9 | - | 23 |
| | | | | 2 | 3120 | 472 | 0,84-0,89 | | | | | |
| BMH 30/280.50 T | 280 | DN 40 - PN10 | 3x380-480 V~ | 3 | 1761 | 286 | 0,9-1,1 | m.c.w. | 0,9 | 4 | - | 18 |
| | | DN 50 - PN10 | 3x220-277 V~ | 2 | 1724 | 248 | 0,7-0,85 | | | | | |
| BMH 60/280.50 T | 280 | DN 50 - PN10 | 3x380-480 V~ | 3 | 3494 | 665 | 1,22 | m.c.w. | 4 | 7,5 | - | 21 |
| | | | | 2 | 3460 | 620 | 1,1 | | | | | |
| BPH 60/280.50 M | 280 | DN 50 - PN10 | 1x220-230 V~ | 3 | 3413 | 750 | 3,6-3,8 | m.c.w. | 1,6 | 6 | 14 | - |
| | | | | 2 | 3259 | 571 | 2,4-2,5 | | | | | |
| | | | | 1 | 1990 | 476 | 2,5-2,6 | | | | | |

The hydraulic values refer to an engine

BMH - BPH - DMH - DPH

WET ROTOR CIRCULATORS

| MODEL | CENTRE DISTANCE mm | FLANGES ON REQUEST | ELECTRICAL DATA | | | | | MINIMUM SUCTION PRESSURE | | | | |
|------------------|-----------------------|--------------------|------------------|-------------|----------------------|----------------------|------------------------------------|--------------------------|------|------|-------|-------|
| | | | VOLTAGE 60 Hz | SPEED | r.p.m. | P1 MAX W | In A | t° | 75°C | 90°C | 110°C | 120°C |
| | | | | | | | | | | | | |
| BPH 60/280.50 T | 280 | DN 50 - PN10 | 3x380-480 V~ | 3 2 1 | 3494 3460 3168 | 665 620 490 | 1,22 1,1 0,7 | m.c.w. | 0,9 | 4 | - | 19 |
| | | | 3x220-277 V~ | 2 1 | 3278 3167 | 528 495 | 1,35 1,23 | | | | | |
| BPH 120/280.50 M | 280 | DN 50 - PN10 | 1x220-230 V~ | 3 2 1 | 3373 3117 2601 | 966 888 632 | 4,3-4,5 3,8-4 3,6-3,8 | m.c.w. | 2 | 5 | - | 20 |
| BPH 120/280.50 T | 280 | DNP 50 - PN10 | 3x380-480 V~ | 3 2 1 | 3372 3277 2546 | 902 846 582 | 1,5-1,6 1,4-1,5 1-1,1 | m.c.w. | 2 | 5 | - | 20 |
| | | | 3x220-277 V~ | 2 1 | 2823 2565 | 675 584 | 1,9-2 1,7-1,8 | | | | | |
| BPH 150/280.50 T | 280 | DNP 50 - PN10 | 3x380-480 V~ | 3 2 1 | 3424 3366 2891 | 1767 1654 1240 | 2,6-3,3 2,3-2,9 1,6-2 | m.c.w. | 2 | 5 | - | 20 |
| | | | 3x220-277 V~ | 2 1 | 3064 2860 | 1364 1243 | 3-3,9 2,8-3,6 | | | | | |
| BPH 180/280.50 T | 280 | DNP 50 - PN10 | 3x380-480 V~ | 3 2 1 | 3377 3300 2695 | 1893 2002 1429 | 2,9-3,1 2,7-3,4 1,9-2,4 | m.c.w. | 2 | 5 | - | 20 |
| | | | 3x220-277 V~ | 2 1 | 2910 2685 | 1608 1414 | 3,6-4,6 3,3-4,1 | | | | | |
| BMH 30/340.65 T | 340 | DN 65 - PN10 | 3x380-480 V~ | 3 2 1 | 1722 1690 1460 | 342 314 218 | 0,9-1,1 0,7-0,9 0,3-0,4 | m.c.w. | 4 | 7,5 | - | 21 |
| | | | 3x220-277 V~ | 2 1 | 1546 1461 | 243 218 | 0,7-0,9 0,6-0,8 | | | | | |
| BMH 60/340.65 T | 340 | DN 65 - PN10 | 3x380-480 V~ | 3 2 1 | 1634 1583 1182 | 513 498 306 | 1,-1,2 0,9-1 0,5-0,6 | m.c.w. | 4 | 7,5 | - | 21 |
| | | | 3x220-277 V~ | 2 1 | 1306 1173 | 362 305 | 1-1,2 0,8-1 | | | | | |
| BPH 60/340.65 M | 340 | DN 65 - PN10 | 1x220-230 V~ | 3 2 1 | 3360 3077 1323 | 909 871 642 | 3,8-4 3,8-4 3,6-3,8 | m.c.w. | 1 | 4 | 13 | - |
| BPH 60/340.65 T | 340 | DN 65 - PN10 | 3x380-480 V~ | 3 2 1 | 3356 3268 2585 | 1072 1000 683 | 1,5-1,9 1,4-1,8 0,95-1,2 | m.c.w. | 1 | 4 | 13 | - |
| | | | 3x220-277 V~ | 2 1 | 2825 2557 | 791 679 | 1,9-2,4 1,6-2,1 | | | | | |
| BPH 120/340.65 T | 340 | DN 65 - PN10 | 3x380-480 V~ | 3 2 1 | 3480 3420 3050 | 1290 1220 930 | 2,35-2,47 2,06-2,17 1,5-1,58 | m.c.w. | 0,9 | 4 | - | 18 |
| | | | 3x220-277 V~ | 2 1 | 3180 2980 | 1020 950 | 2,8-2,95 2,6-2,73 | | | | | |
| BPH 150/340.65 T | 340 | DN 65 - PN10 | 3x380-480 V~ | 3 2 1 | 3330 3250 2512 | 2011 1883 1293 | 3,5-3,3 3,2-3,16 2,2-2,25 | m.c.w. | 7 | 11 | 18 | - |
| | | | 3x220-277 V~ | 2 1 | 2777 2478 | 1500 1280 | 4,1-4,3 3,8-4 | | | | | |
| BPH 180/340.65 T | 340 | DN 65 - PN10 | 3x380-480 V~ | 3 2 1 | 3315 3204 2423 | 2700 2410 1900 | 3,9-4 3,8-4,8 2,6-3,2 | m.c.w. | 7 | 11 | 18 | - |
| | | | 3x220-277 V~ | 2 1 | 2711 2434 | 2214 1885 | 5-5,3 4,4-4,7 | | | | | |

The hydraulic values refer to an engine

BMH - BPH - DMH - DPH

WET ROTOR CIRCULATORS

| MODEL | CENTRE DISTANCE mm | FLANGES ON REQUEST | ELECTRICAL DATA | | | | | MINIMUM SUCTION PRESSURE | | | | |
|------------------|--------------------|--------------------|-----------------|-------------|----------------------|----------------------|------------------------------------|--------------------------|------|------|-------|-------|
| | | | VOLTAGE 60 Hz | SPEED | r.p.m. | P1 MAX W | In A | t° | 75°C | 90°C | 110°C | 120°C |
| BMH 30/360.80 T | 360 | DN 80 - PN10 | 3x380-480 V~ | 3 2 1 | 1621 1561 1126 | 558 546 315 | 1-1,25 0,9-1,2 0,5-0,6 | m.c.w. | 4 | 7,5 | - | 21 |
| | | | 3x220-277 V~ | 2 1 | 1270 1126 | 382 310 | 1-1,3 0,85-1 | | | | | |
| BMH 60/360.80 T | 360 | DN 80 - PN10 | 3x380-480 V~ | 3 2 1 | 1658 1608 1268 | 942 886 576 | 1,8-2,3 1,5-1,9 0,9-1,1 | m.c.w. | 2 | 5 | - | 20 |
| | | | 3x220-277 V~ | 2 1 | 1389 1262 | 658 568 | 1,7-2,2 1,5-1,9 | | | | | |
| BPH 120/360.80 T | 360 | DN 80 - PN10 | 3x380-480 V~ | 3 2 1 | 3346 3260 2604 | 2700 2542 1785 | 3,3-4,2 4,6-5,9 2,4-3 | m.c.w. | 6 | 10 | - | 22 |
| | | | 3x220-277 V~ | 2 1 | 2800 2603 | 2053 1777 | 4,6-5,9 4,2-5,3 | | | | | |
| BPH 150/360.80 T | 360 | DN 80 - PN10 | 3x380-480 V~ | 3 2 1 | 3200 3053 2156 | 3119 2995 1693 | 4,80-5,06 4,63-4,88 2,8-2,95 | m.c.w. | 7 | 11 | 18 | - |
| | | | 3x220-277 V~ | 2 1 | 2405 2127 | 2064 1685 | 6,04 5,1 | | | | | |
| BPH 180/360.80 T | 360 | DN 80 - PN10 | 3x380-480 V~ | 3 2 1 | 3300 3204 2448 | 2704 2318 1847 | 3,7-4,7 3,6-4,6 2,5-3 | m.c.w. | 7 | 11 | 18 | - |
| | | | 3x220-277 V~ | 2 1 | 2700 2413 | 2153 1826 | 4,9-6,2 4,4-5 | | | | | |

The hydraulic values refer to an engine

TECHNICAL DATA - TWIN WITH FLANGES

DMH 4 poles
DPH 2 poles

| MODEL | CENTRE DISTANCE mm | FLANGES ON REQUEST | ELECTRICAL DATA | | | | | MINIMUM SUCTION PRESSURE | | | | |
|------------------|--------------------|--------------------|-----------------|-------------|----------------------|-------------------|-------------------------------------|--------------------------|------|------|-------|-------|
| | | | VOLTAGE 60 Hz | SPEED | r.p.m. | P1 MAX W | In A | t° | 75°C | 90°C | 110°C | 120°C |
| DMH 30/250.40 T | 250 | DN 40 - PN10 | 3x380-480 V~ | 3 2 1 | 1725 1702 1430 | 196 155 94 | 0,6-0,8 0,5-0,6 0,2-0,3 | m.c.w. | 0,9 | 4 | - | 18 |
| | | | 3x220-277 V~ | 2 1 | 1552 1431 | 107 93 | 0,43-0,54 0,36-0,46 | | | | | |
| DPH 60/250.40 M | 250 | DN 40 - PN10 | 1x220-230 V~ | 3 2 1 | 3389 3291 2926 | 334 327 306 | 1,5-1,54 1,6-1,7 1,5-1,6 | m.c.w. | 1,6 | 4 | 14 | - |
| DPH 60/250.40 T | 250 | DN 40 - PN10 | 3x380-480 V~ | 3 2 1 | 3480 3420 2860 | 340 313 233 | 0,82-0,86 0,65-0,68 0,4-0,43 | m.c.w. | 1,6 | 4 | - | 19 |
| | | | 3x220-277 V~ | 2 1 | 3070 2830 | 257 233 | 0,78-0,82 0,70-0,74 | | | | | |
| DPH 120/250.40 M | 250 | DN 40 - PN10 | 1x220-230 V~ | 3 2 1 | 3172 2793 1829 | 539 552 424 | 2,3-2,4 2,5-2,7 2,1-2,2 | m.c.w. | 6 | 9 | 18 | - |
| DPH 120/250.40 T | 250 | DN 40 - PN10 | 3x380-480 V~ | 3 2 1 | 3230 3120 2284 | 511 472 282 | 0,98-1,04 0,84-0,89 0,50-0,53 | m.c.w. | 6 | 9 | - | 23 |
| | | | 3x220-277 V~ | 2 1 | 2570 2290 | 342 282 | 1,03-1,08 0,88-0,92 | | | | | |

The hydraulic values refer to an engine

BMH - BPH - DMH - DPH

WET ROTOR CIRCULATORS

| MODEL | CENTRE DISTANCE mm | FLANGES ON REQUEST | ELECTRICAL DATA | | | | | MINIMUM SUCTION PRESSURE | | | | |
|------------------|-----------------------|--------------------|------------------|-------------|----------------------|----------------------|------------------------------------|--------------------------|------|------|-------|-------|
| | | | VOLTAGE 60 Hz | SPEED | r.p.m. | P1 MAX W | In A | t° | 75°C | 90°C | 110°C | 120°C |
| | | | | | | | | | | | | |
| DMH 30/280.50 T | 280 | DN 40 - PN10 | 3x380-480 V~ | 3 2 1 | 1761 1724 1562 | 286 248 170 | 0,9-1,1 0,7-0,85 0,3-0,38 | m.c.w. | 0,9 | 4 | - | 18 |
| | | DN 50 - PN10 | 3x220-277 V~ | 2 1 | 1621 1560 | 188 170 | 0,6-0,8 0,5-0,7 | | | | | |
| DMH 60/280.50 T | 280 | DN 50 - PN10 | 3x380-480 V~ | 3 2 1 | 3494 3460 3168 | 665 620 490 | 1,22 1,1 0,7 | m.c.w. | 4 | 7,5 | - | 21 |
| DPH 60/280.50 M | 280 | DN 50 - PN10 | 1x220-230 V~ | 3 2 1 | 3413 3259 1990 | 750 571 476 | 3,6-3,8 2,4-2,5 2,5-2,6 | m.c.w. | 1,6 | 6 | 14 | - |
| DPH 60/280.50 T | 280 | DN 50 - PN10 | 3x380-480 V~ | 3 2 1 | 3494 3460 3168 | 665 620 490 | 1,22 1,1 0,7 | m.c.w. | 0,9 | 4 | - | 19 |
| | | | 3x220-277 V~ | 2 1 | 3278 3167 | 528 495 | 1,35 1,23 | | | | | |
| DPH 120/280.50 M | 280 | DN 50 - PN10 | 1x220-230 V~ | 3 2 1 | 3373 3117 2601 | 966 888 632 | 4,3-4,5 3,8-4 3,6-3,8 | m.c.w. | 2 | 5 | - | 20 |
| DPH 120/280.50 T | 280 | DNP 50 - PN10 | 3x380-480 V~ | 3 2 1 | 3372 3277 2546 | 902 846 582 | 1,5-1,6 1,4-1,5 1-1,1 | m.c.w. | 2 | 5 | - | 20 |
| | | | 3x220-277 V~ | 2 1 | 2823 2565 | 675 584 | 1,9-2 1,7-1,8 | | | | | |
| DPH 150/280.50 T | 280 | DNP 50 - PN10 | 3x380-480 V~ | 3 2 1 | 3424 3366 2891 | 1767 1654 1240 | 2,6-3,3 2,3-2,9 1,6-2 | m.c.w. | 2 | 5 | - | 20 |
| | | | 3x220-277 V~ | 2 1 | 3064 2860 | 1364 1243 | 3-3,9 2,8-3,6 | | | | | |
| DPH 180/280.50 T | 280 | DNP 50 - PN10 | 3x380-480 V~ | 3 2 1 | 3377 3300 2695 | 1893 2002 1429 | 2,9-3,1 2,7-3,4 1,9-2,4 | m.c.w. | 2 | 5 | - | 20 |
| | | | 3x220-277 V~ | 2 1 | 2910 2685 | 1608 1414 | 3,6-4,6 3,3-4,1 | | | | | |
| DMH 30/340.65 T | 340 | DN 65 - PN10 | 3x380-480 V~ | 3 2 1 | 1722 1690 1460 | 342 314 218 | 0,9-1,1 0,7-0,9 0,3-0,4 | m.c.w. | 4 | 7,5 | - | 21 |
| | | | 3x220-277 V~ | 2 1 | 1546 1461 | 243 218 | 0,7-0,9 0,6-0,8 | | | | | |
| DMH 60/340.65 T | 340 | DN 65 - PN10 | 3x380-480 V~ | 3 2 1 | 1634 1583 1182 | 513 498 306 | 1,1-1,2 0,9-1 0,5-0,6 | m.c.w. | 4 | 7,5 | - | 21 |
| | | | 3x220-277 V~ | 2 1 | 1306 1173 | 362 305 | 1-1,2 0,8-1 | | | | | |
| DPH 60/340.65 M | 340 | DN 65 - PN10 | 1x220-230 V~ | 3 2 1 | 3360 3077 1323 | 909 871 642 | 3,8-4 3,8-4 3,6-3,8 | m.c.w. | 1 | 4 | 13 | - |
| DPH 60/340.65 T | 340 | DN 65 - PN10 | 3x380-480 V~ | 3 2 1 | 3356 3268 2585 | 1072 1000 683 | 1,5-1,9 1,4-1,8 0,95-1,2 | m.c.w. | 1 | 4 | 13 | - |
| | | | 3x220-277 V~ | 2 1 | 2825 2557 | 791 679 | 1,9-2,4 1,6-2,1 | | | | | |
| DPH 120/340.65 T | 340 | DN 65 - PN10 | 3x380-480 V~ | 3 2 1 | 3480 3420 3050 | 1290 1220 930 | 2,35-2,47 2,06-2,17 1,5-1,58 | m.c.w. | 0,9 | 4 | - | 18 |
| | | | 3x220-277 V~ | 2 1 | 3180 2980 | 1020 950 | 2,8-2,95 2,6-2,73 | | | | | |

The hydraulic values refer to an engine

BMH - BPH - DMH - DPH

WET ROTOR CIRCULATORS

| MODEL | CENTRE DISTANCE mm | FLANGES ON REQUEST | ELECTRICAL DATA | | | | | MINIMUM SUCTION PRESSURE | | | | |
|------------------|-----------------------|--------------------|------------------|-------------|----------------------|----------------------|------------------------------------|--------------------------|------|------|-------|-------|
| | | | VOLTAGE 60 Hz | SPEED | r.p.m. | P1 MAX W | In A | t° | 75°C | 90°C | 110°C | 120°C |
| | | | | | | | | | | | | |
| DPH 150/340.65 T | 340 | DN 65 - PN10 | 3x380-480 V~ | 3 2 1 | 3330 3250 2512 | 2011 1883 1293 | 3,5-3,3 3,2-3,16 2,2-2,25 | m.c.w. | 7 | 11 | 18 | - |
| | | | 3x220-277 V~ | 2 1 | 2777 2478 | 1500 1280 | 4,1-4,3 3,8-4 | | | | | |
| DPH 180/340.65 T | 340 | DN 65 - PN10 | 3x380-480 V~ | 3 2 1 | 3315 3204 2423 | 2700 2410 1900 | 3,9-4 3,8-4,8 2,6-3,2 | m.c.w. | 7 | 11 | 18 | - |
| | | | 3x220-277 V~ | 2 1 | 2711 2434 | 2214 1885 | 5-5,3 4,4-4,7 | | | | | |
| DMH 30/360.80 T | 360 | DN 80 - PN10 | 3x380-480 V~ | 3 2 1 | 1621 1561 1126 | 558 546 315 | 1-1,25 0,9-1,2 0,5-0,6 | m.c.w. | 4 | 7,5 | - | 21 |
| | | | 3x220-277 V~ | 2 1 | 1270 1126 | 382 310 | 1-1,3 0,85-1 | | | | | |
| DMH 60/360.80 T | 360 | DN 80 - PN10 | 3x380-480 V~ | 3 2 1 | 1658 1608 1268 | 942 886 576 | 1,8-2,3 1,5-1,9 0,9-1,1 | m.c.w. | 2 | 5 | - | 20 |
| | | | 3x220-277 V~ | 2 1 | 1389 1262 | 658 568 | 1,7-2,2 1,5-1,9 | | | | | |
| DPH 120/360.80 T | 360 | DN 80 - PN10 | 3x380-480 V~ | 3 2 1 | 3346 3260 2604 | 2700 2542 1785 | 3,3-4,2 4,6-5,9 2,4-3 | m.c.w. | 6 | 10 | - | 22 |
| | | | 3x220-277 V~ | 2 1 | 2800 2603 | 2053 1777 | 4,6-5,9 4,2-5,3 | | | | | |
| DPH 150/360.80 T | 360 | DN 80 - PN10 | 3x380-480 V~ | 3 2 1 | 3200 3053 2156 | 3119 2995 1693 | 4,80-5,06 4,63-4,88 2,8-2,95 | m.c.w. | 7 | 11 | 18 | - |
| | | | 3x220-277 V~ | 2 1 | 2405 2127 | 2064 1685 | 6,04 5,1 | | | | | |
| DPH 180/360.80 T | 360 | DN 80 - PN10 | 3x380-480 V~ | 3 2 1 | 3300 3204 2448 | 2704 2318 1847 | 3,7-4,7 3,6-4,6 2,5-3 | m.c.w. | 7 | 11 | 18 | - |
| | | | 3x220-277 V~ | 2 1 | 2700 2413 | 2153 1826 | 4,9-6,2 4,4-5 | | | | | |

The hydraulic values refer to an engine

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

BMH - BPH - DMH - DPH WET ROTOR CIRCULATORS

DCONNECT

COMMAND AND
CONTROL SYSTEMS

CIRCULATORS AND
IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL
AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND
SALT WATER PUMPS

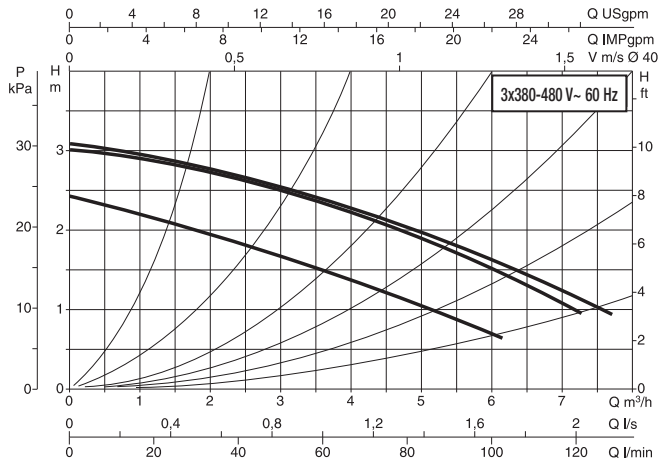
CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

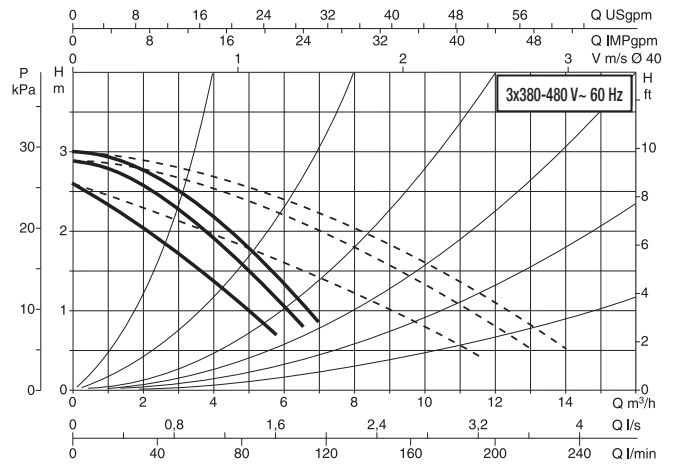
SUBMERSIBLE PUMPS
AND SUBMERSIBLE MOTORS

PRESSURE UNITS

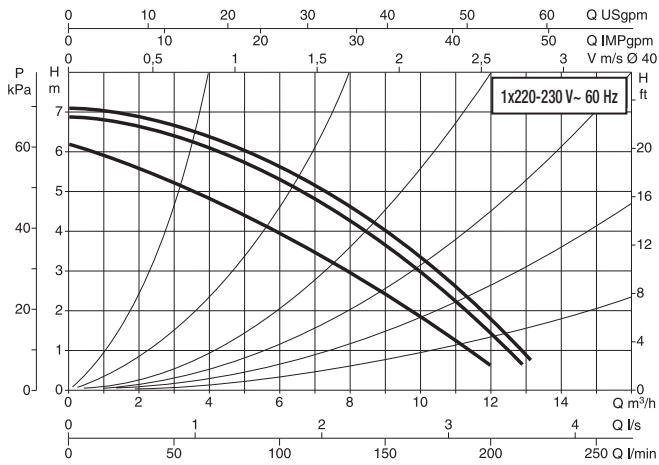
BMH 30/250.40 T



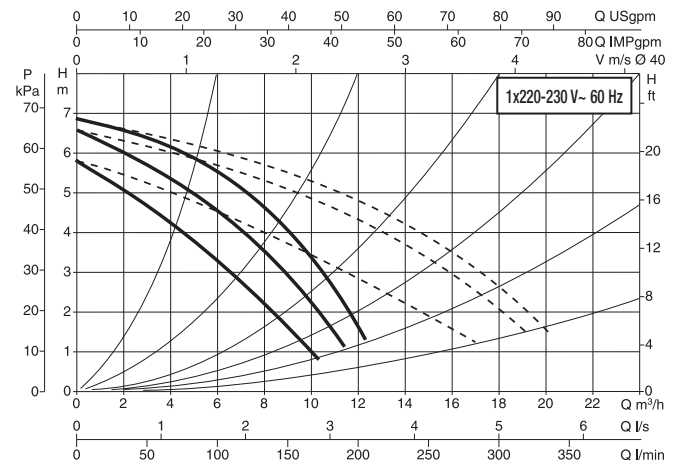
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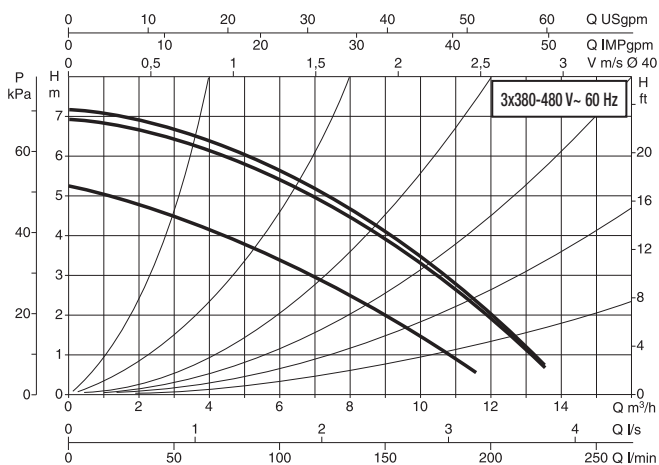
BPH 60/250.40 M



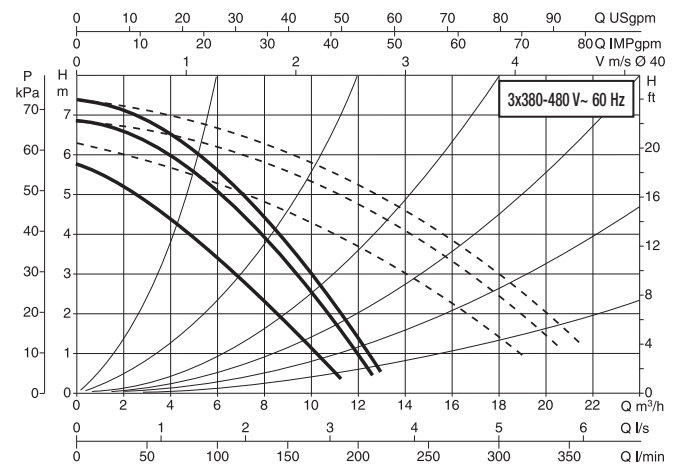
DPH 60/250.40 M



BPH 60/250.40 T



DPH 60/250.40 T



* The hydraulic data for the double version refers to a single engine in operation.

BMH - BPH - DMH - DPH WET ROTOR CIRCULATORS

DCONNECT

COMMAND AND
CONTROL SYSTEMS

CIRCULATORS AND
IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL
AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND
SALT WATER PUMPS

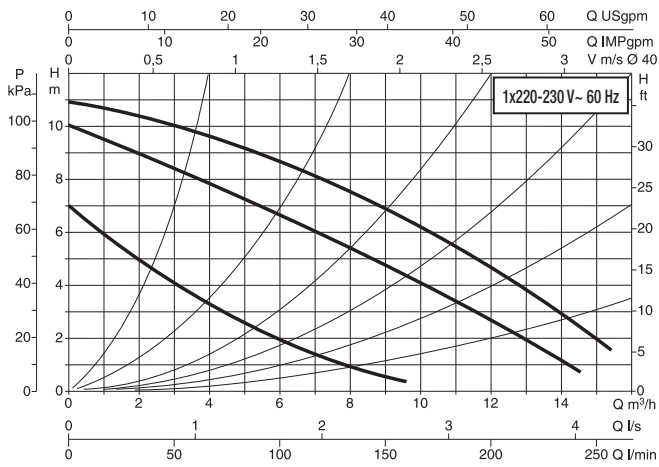
CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

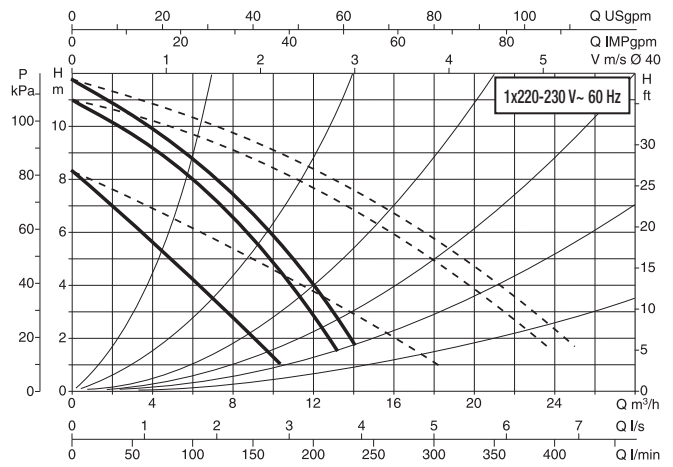
SUBMERSIBLE PUMPS
AND SUBMERSIBLE MOTORS

PRESSURE UNITS

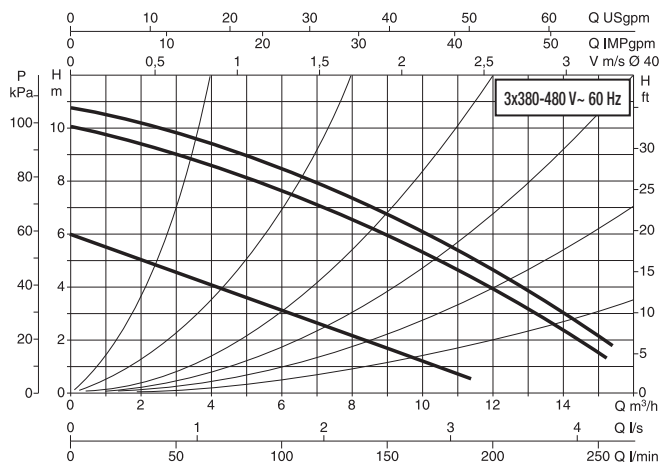
BPH 120/250.40 M



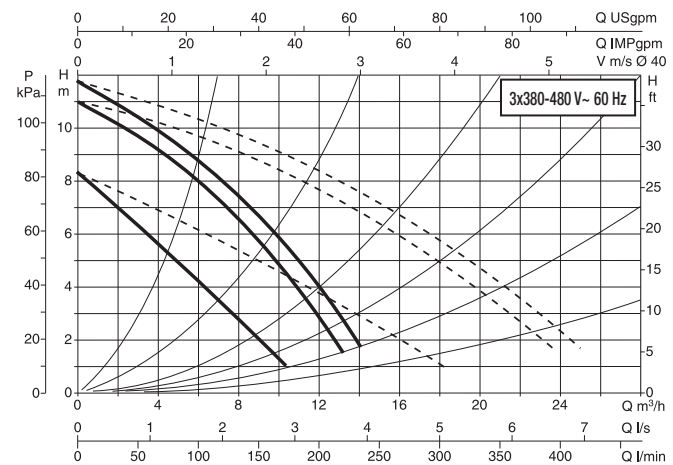
DPH 120/250.40 M



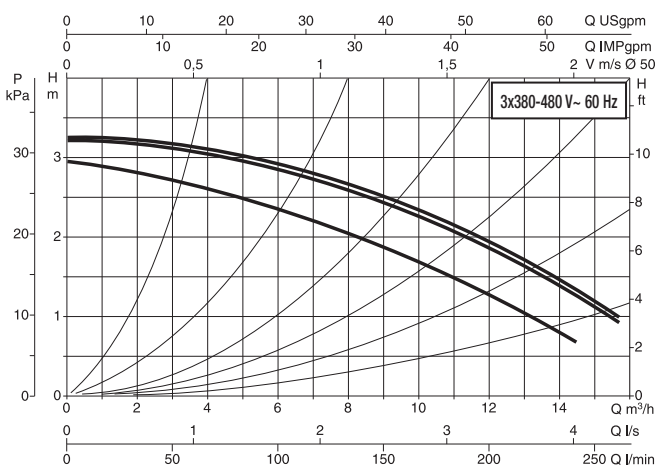
BPH 120/250.40 T



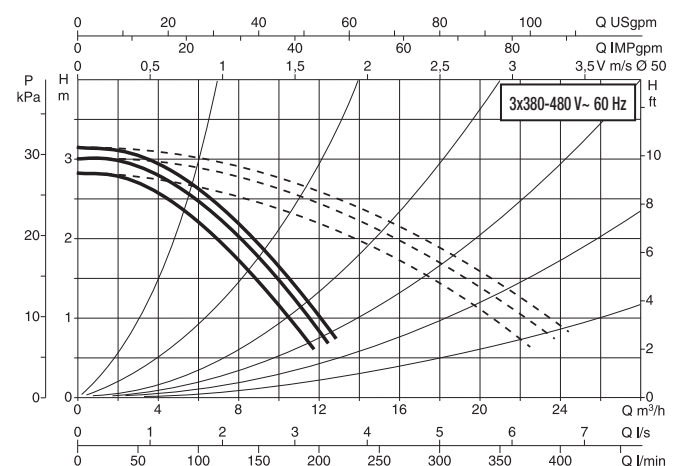
DPH 120/250.40 T



BMH 30/280.50 T



DMH 30/280.50 T



* The hydraulic data for the double version refers to a single engine in operation.

BMH - BPH - DMH - DPH

WET ROTOR CIRCULATORS

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

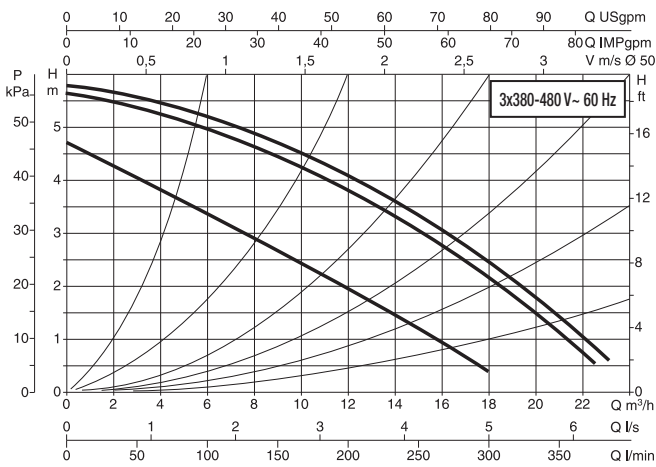
CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

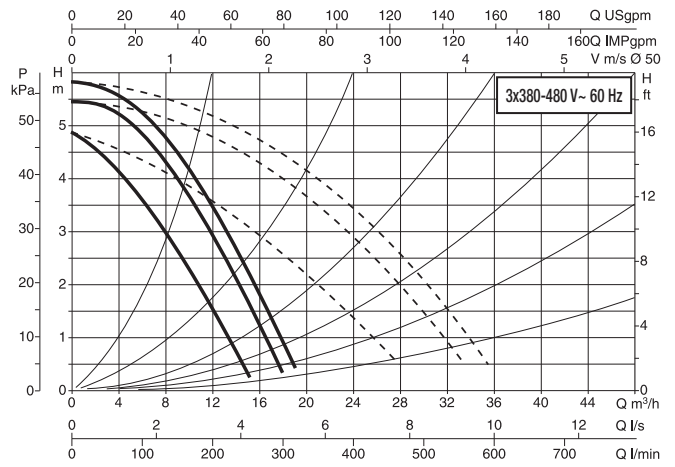
SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

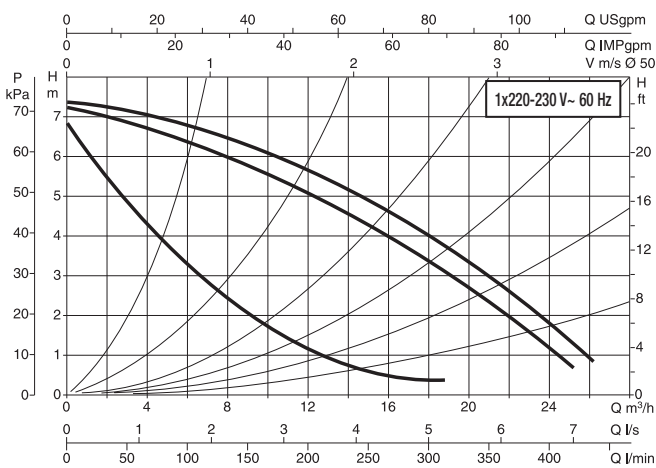
BMH 60/280.50 T



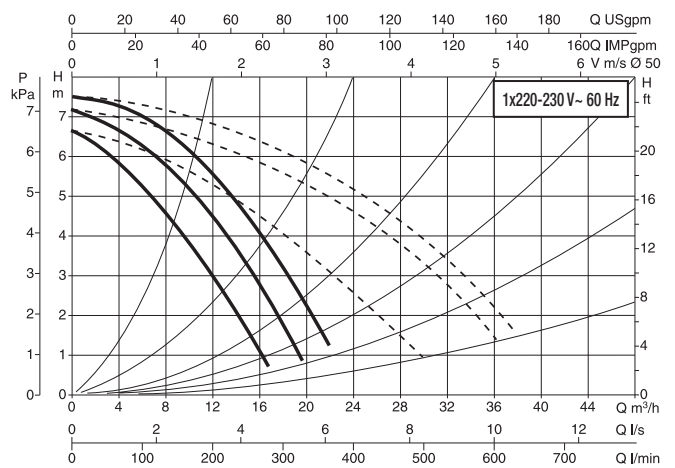
DMH 60/280.50 T



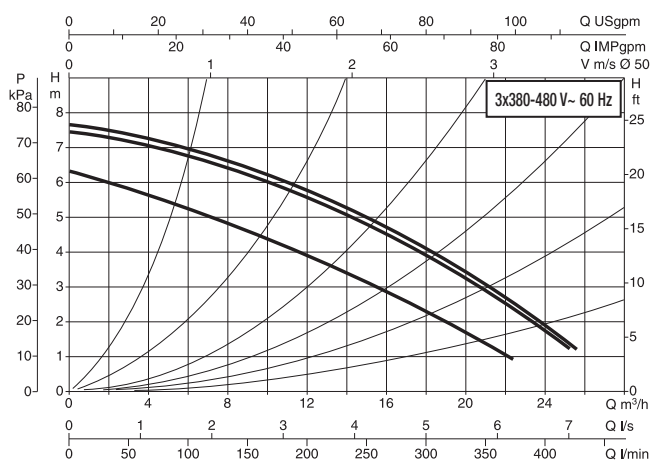
BPH 60/280.50 M



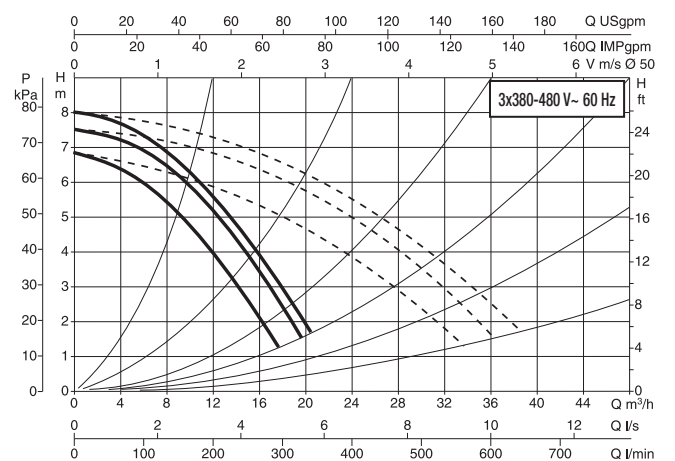
DPH 60/280.50 M



BPH 60/280.50 T



DPH 60/280.50 T



*The hydraulic data for the double version refers to a single engine in operation.

BMH - BPH - DMH - DPH WET ROTOR CIRCULATORS

DCONNECT

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IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL
AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND
SALT WATER PUMPS

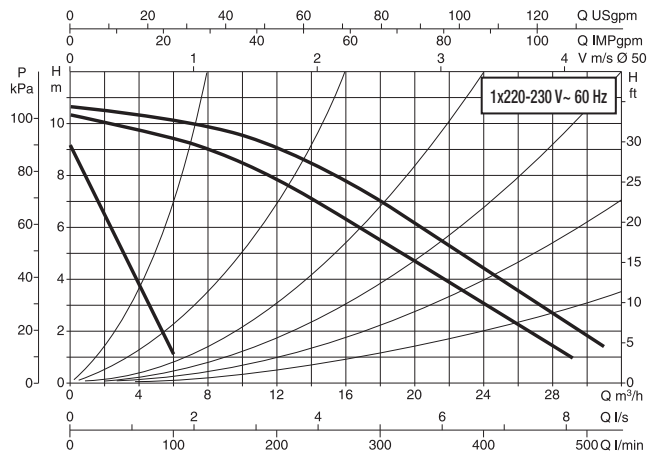
CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

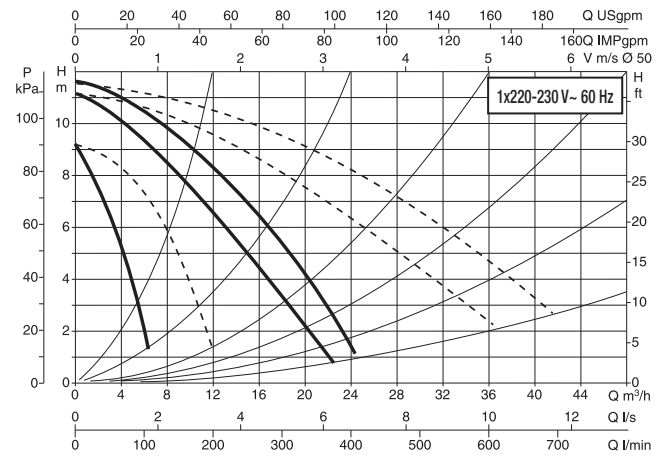
SUBMERSIBLE PUMPS
AND SUBMERSIBLE MOTORS

PRESSURE UNITS

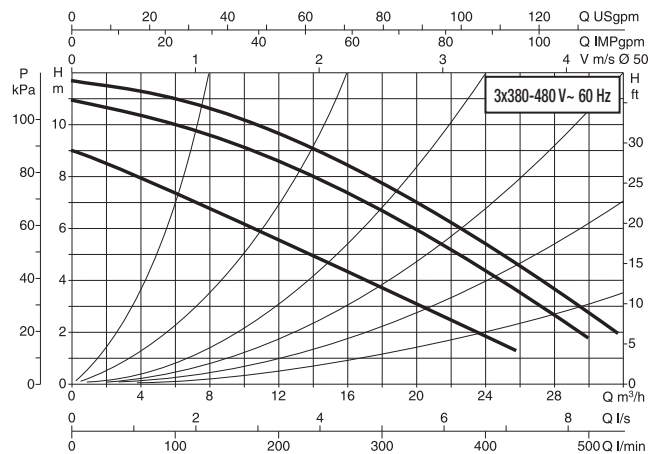
BPH 120/280.50 M



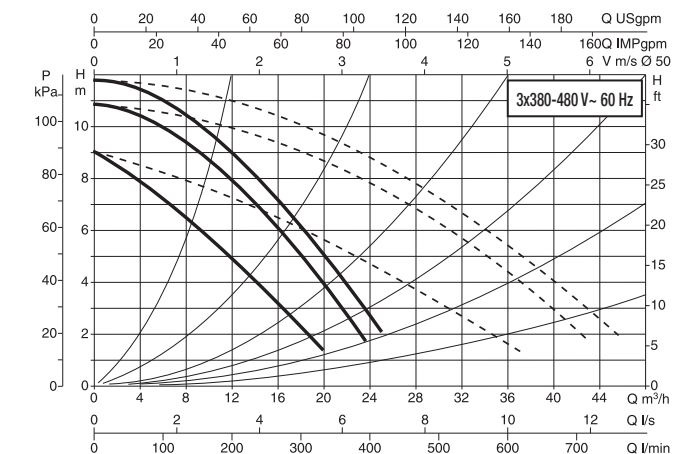
DPH 120/280.50 M



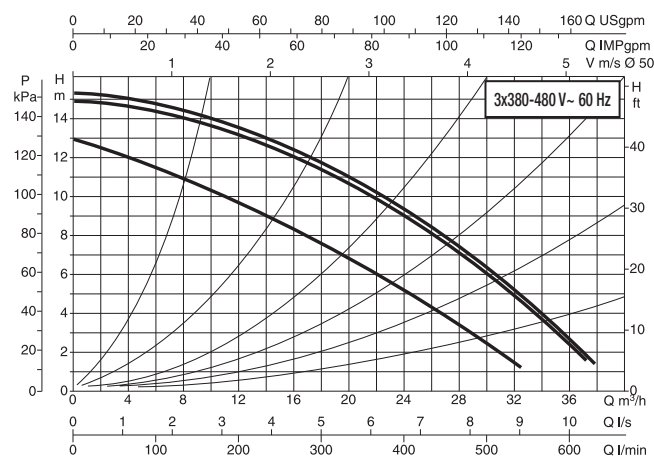
BPH 120/280.50 T



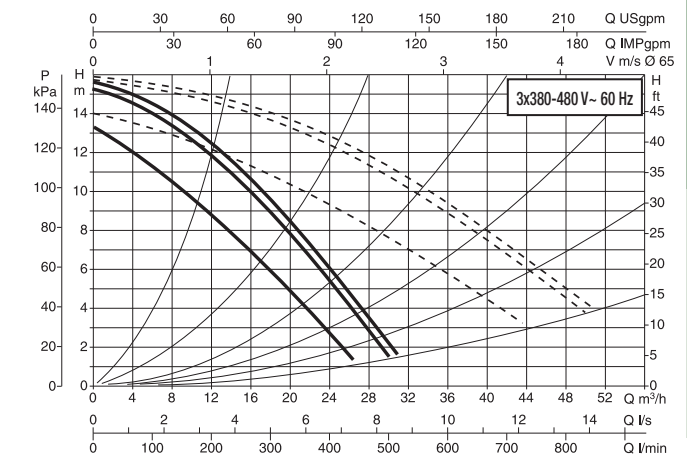
DPH 120/280.50 T



BPH 150/280.50 T



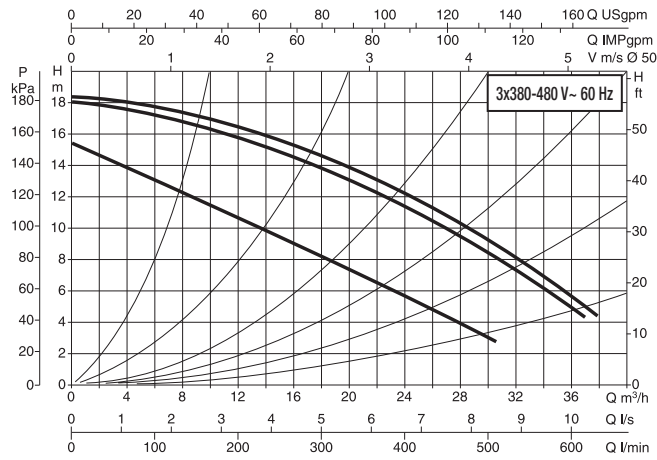
DPH 150/280.50 T



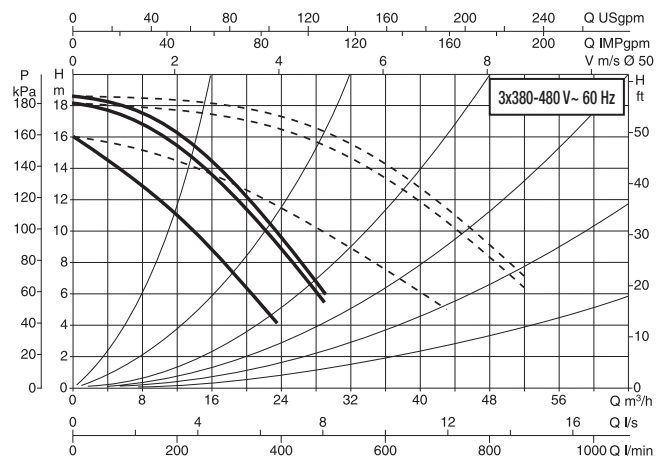
* The hydraulic data for the double version refers to a single engine in operation.

BMH - BPH - DMH - DPH WET ROTOR CIRCULATORS

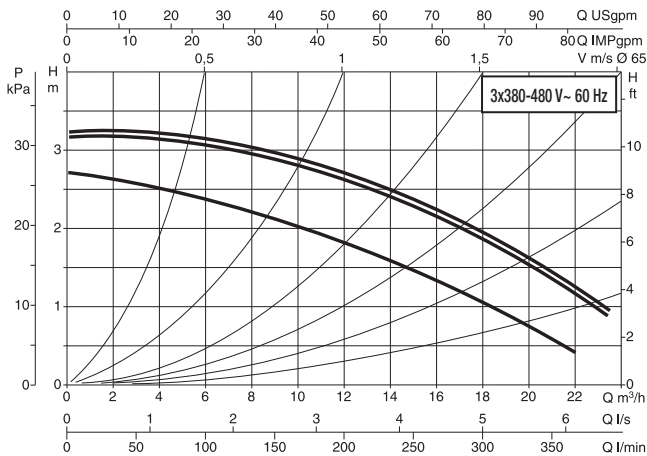
BPH 180/280.50 T



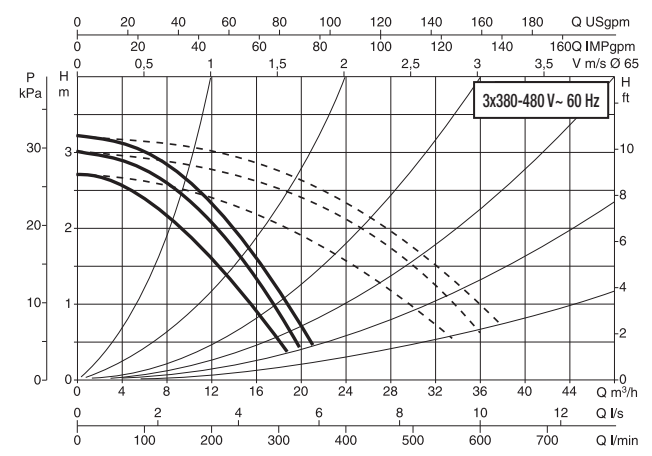
DPH 180/280.50 T



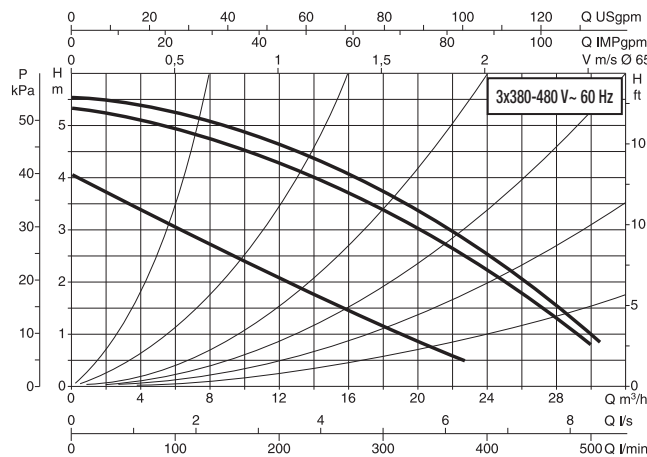
BMH 30/340.65 T



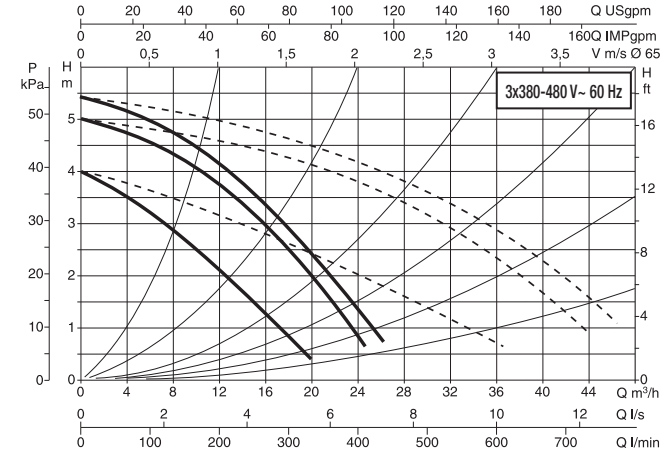
DMH 30/340.65 T



BMH 60/340.65 T



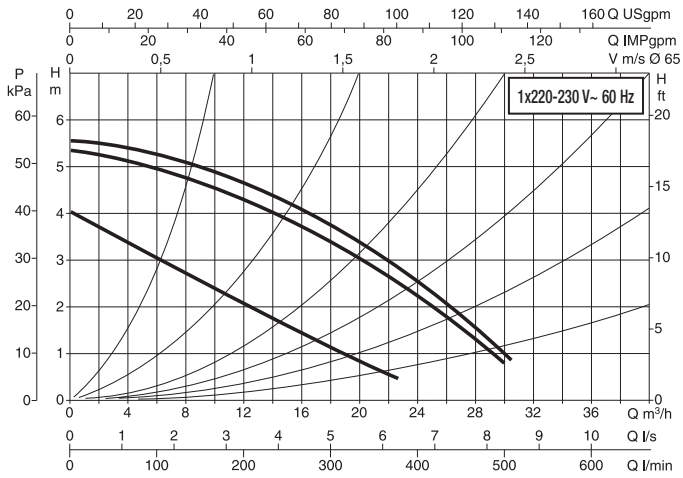
DMH 60/340.65 T



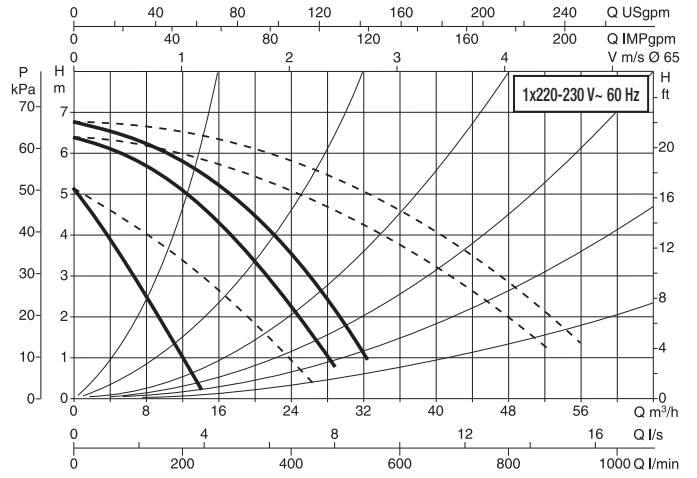
* The hydraulic data for the double version refers to a single engine in operation.

BMH - BPH - DMH - DPH WET ROTOR CIRCULATORS

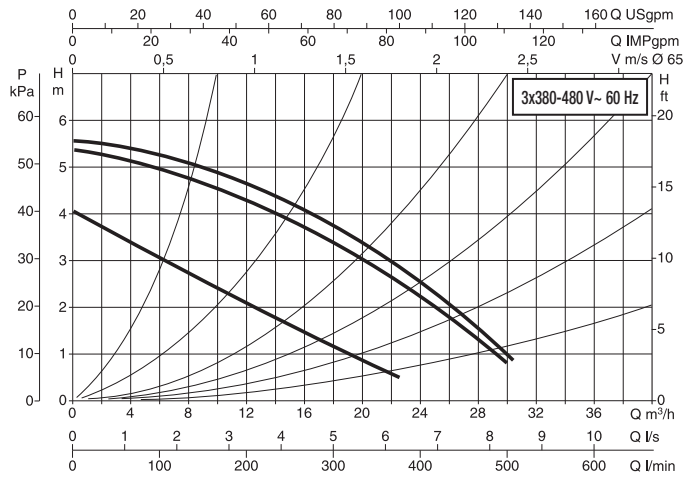
BPH 60/340.65 M



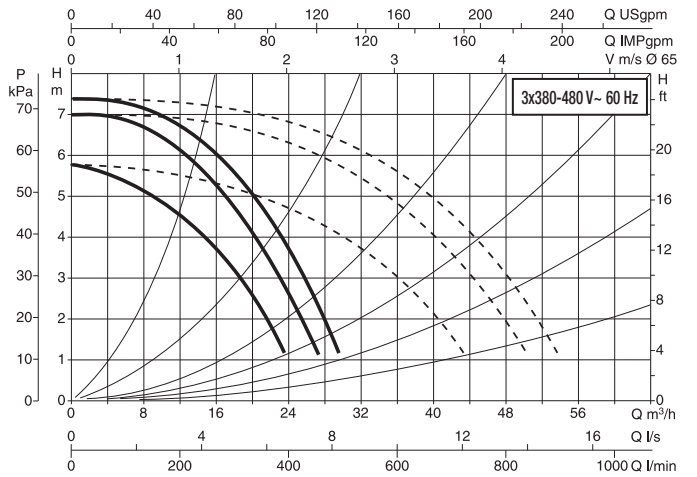
DPH 60/340.65 M



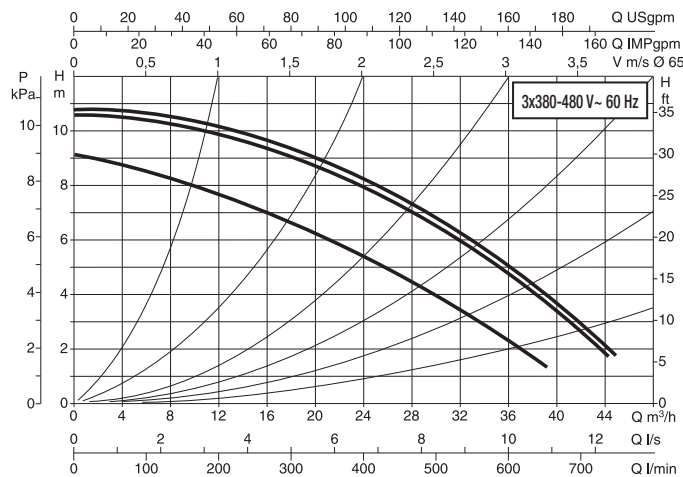
BPH 60/340.65 T



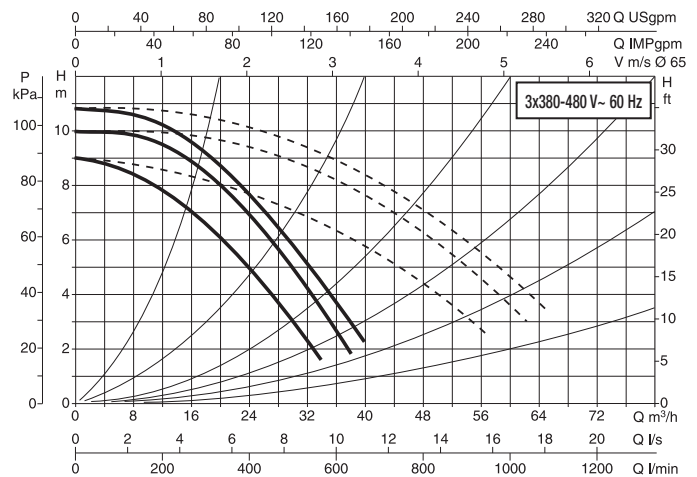
DPH 60/340.65 T



BPH 120/340.65 T



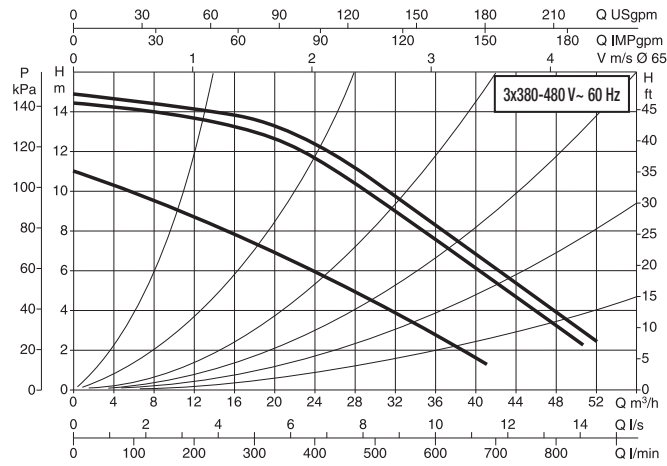
DPH 120/340.65 T



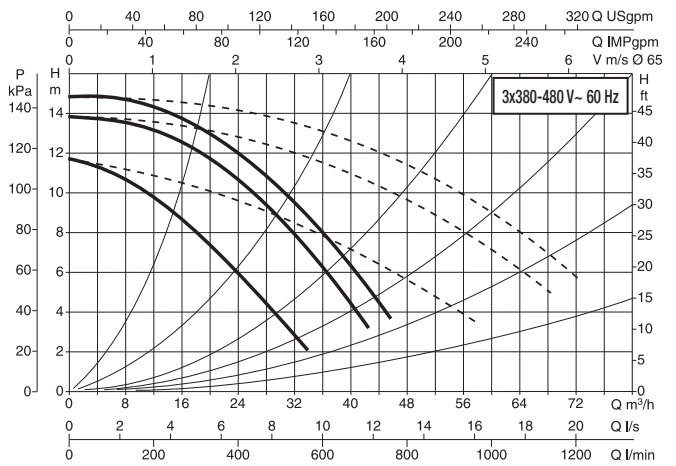
* The hydraulic data for the double version refers to a single engine in operation.

BMH - BPH - DMH - DPH WET ROTOR CIRCULATORS

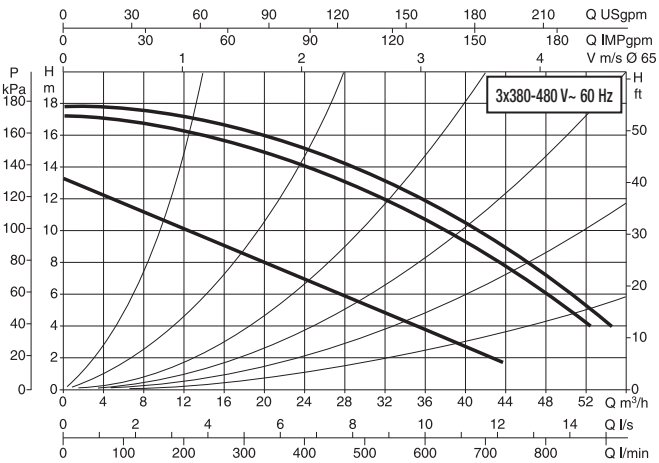
BPH 150/340.65 T



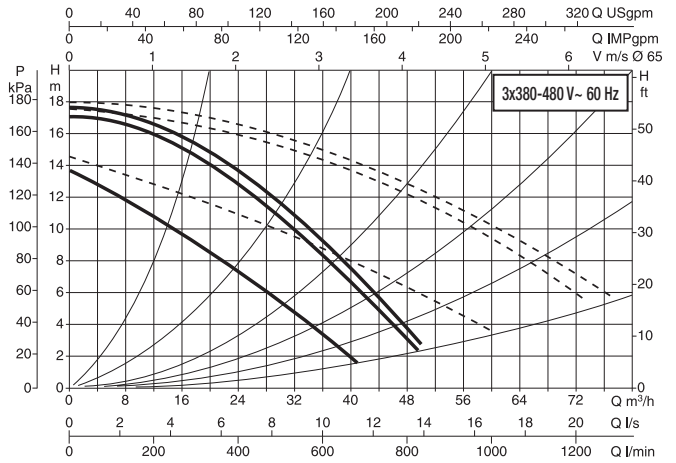
DPH 150/340.65 T



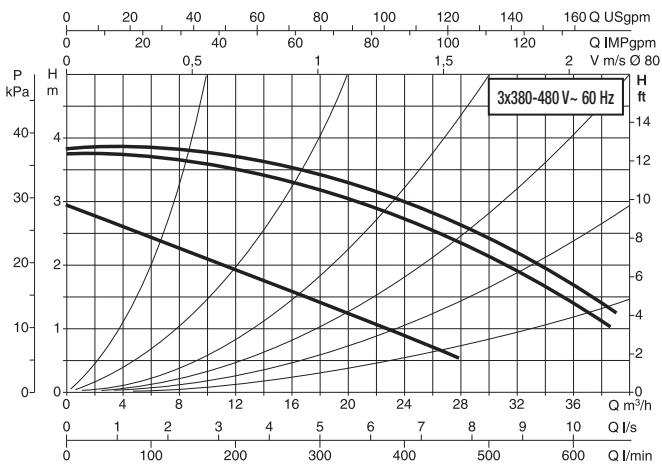
BPH 180/340.65 T



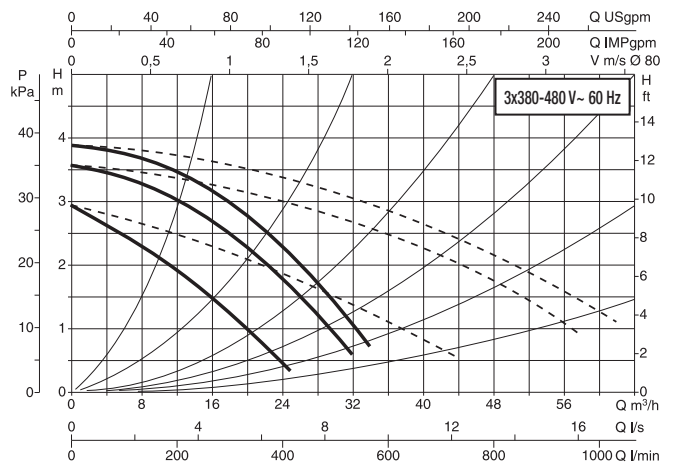
DPH 180/340.65 T



BMH 30/360.80 T



DMH 30/360.80 T



* The hydraulic data for the double version refers to a single engine in operation.

BMH - BPH - DMH - DPH

WET ROTOR CIRCULATORS

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CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

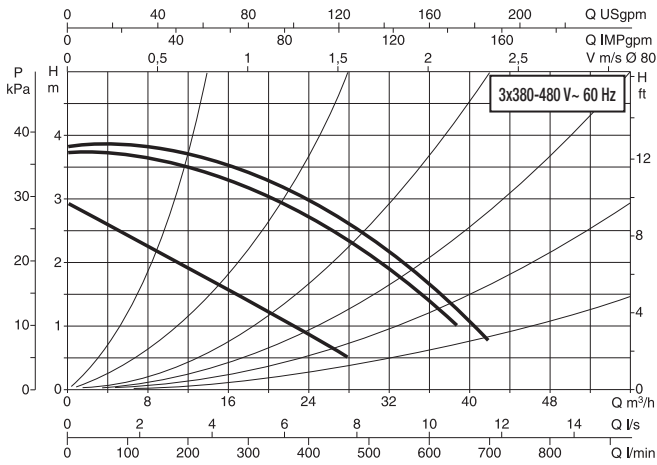
CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

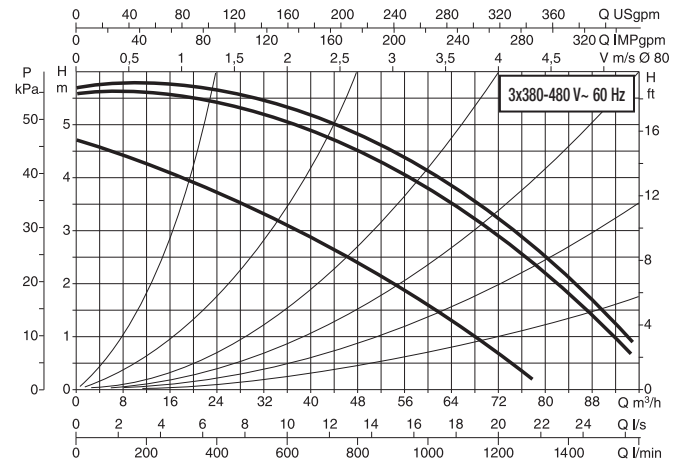
SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

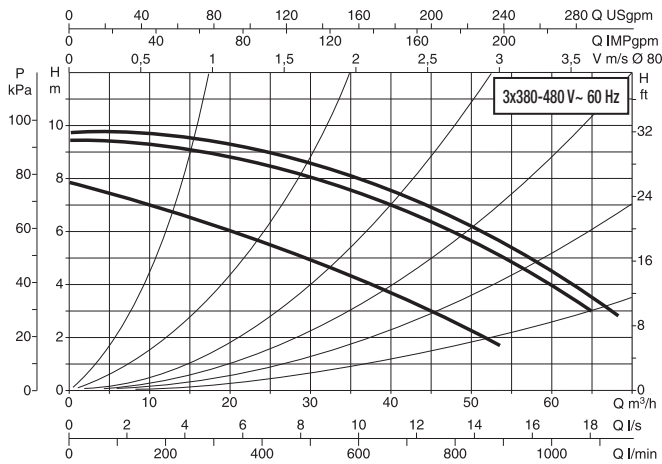
BMH 60/360.80 T



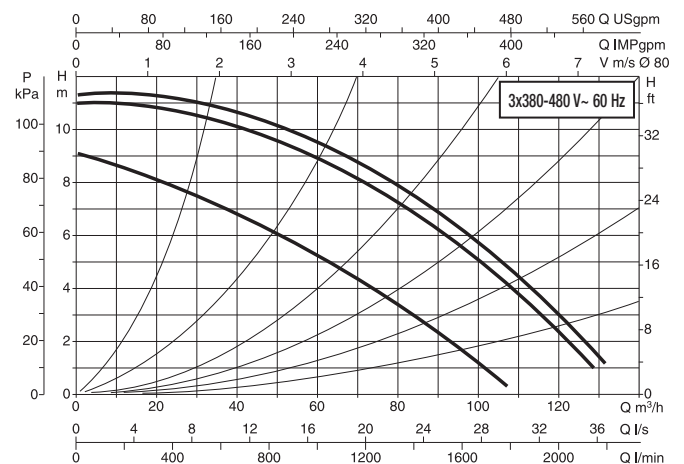
DMH 60/360.80 T



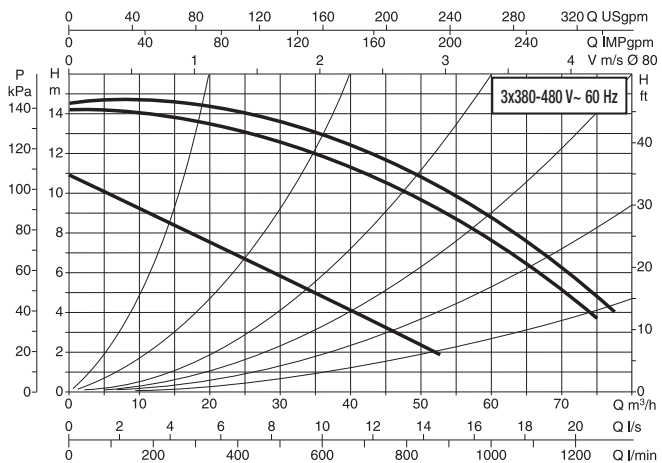
BPH 120/360.80 T



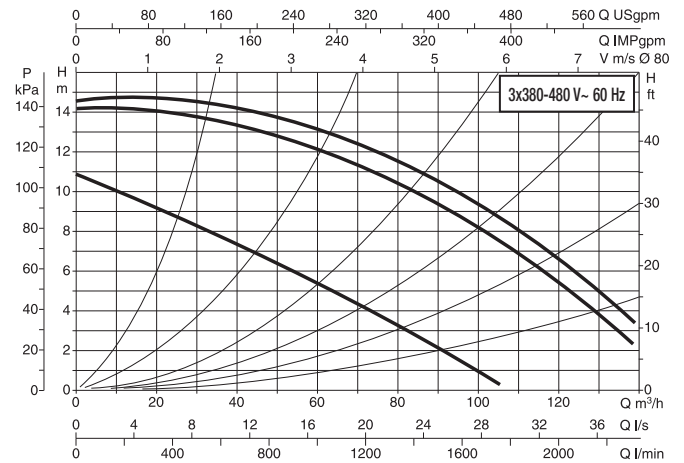
DPH 120/360.80 T



BPH 150/360.80 T



DPH 150/360.80 T



* The hydraulic data for the double version refers to a single engine in operation.

BMH - BPH - DMH - DPH WET ROTOR CIRCULATORS

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AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND
SALT WATER PUMPS

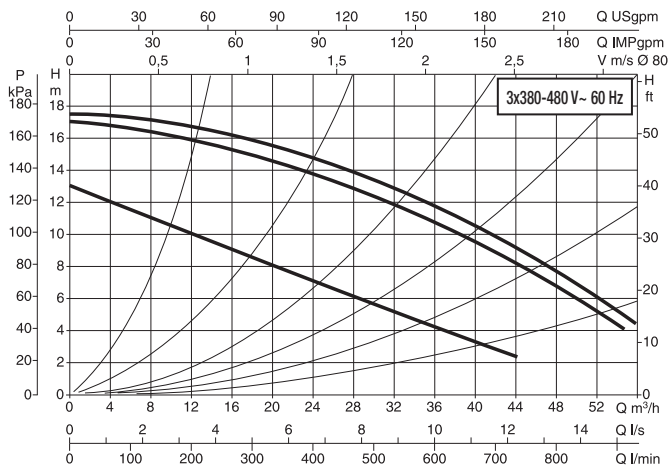
CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

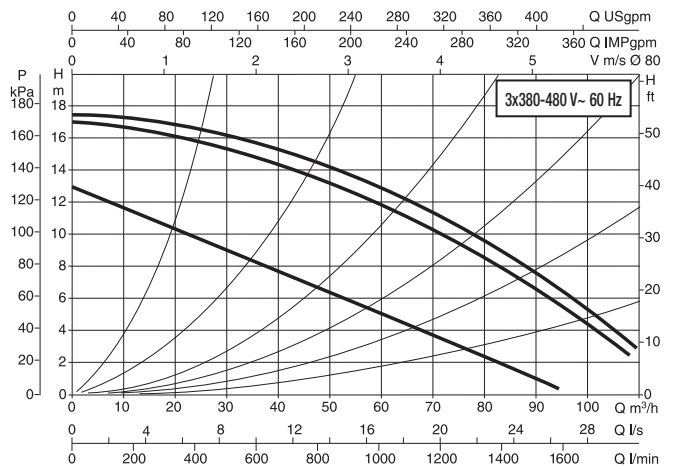
SUBMERSIBLE PUMPS
AND SUBMERSIBLE MOTORS

PRESSURE UNITS

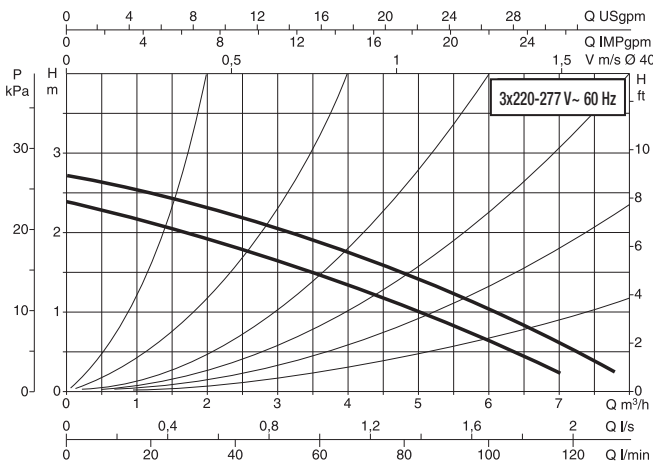
BPH 180/360.80 T



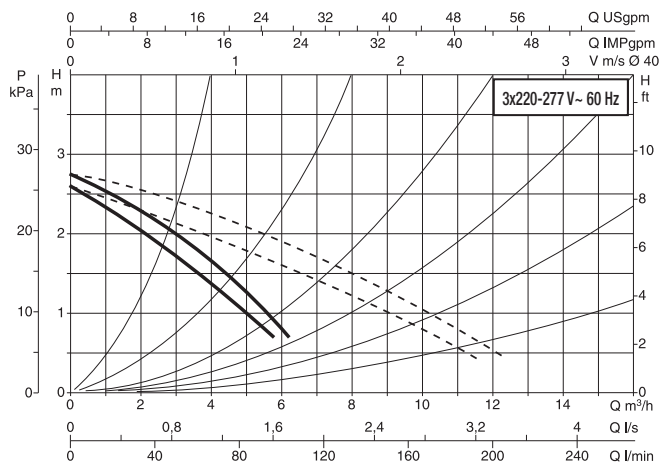
DPH 180/360.80 T



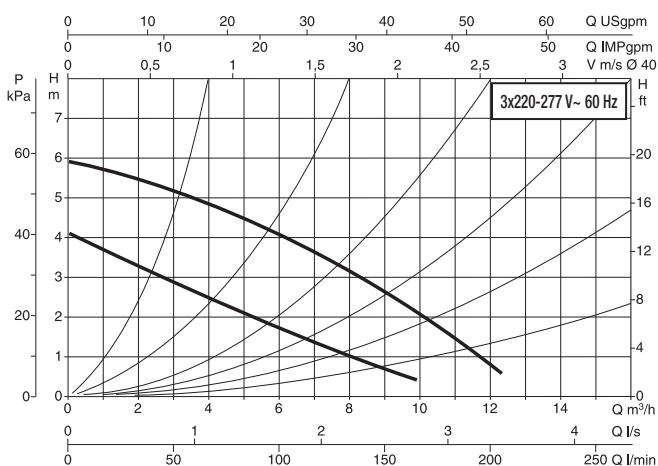
BMH 30/250.40 T



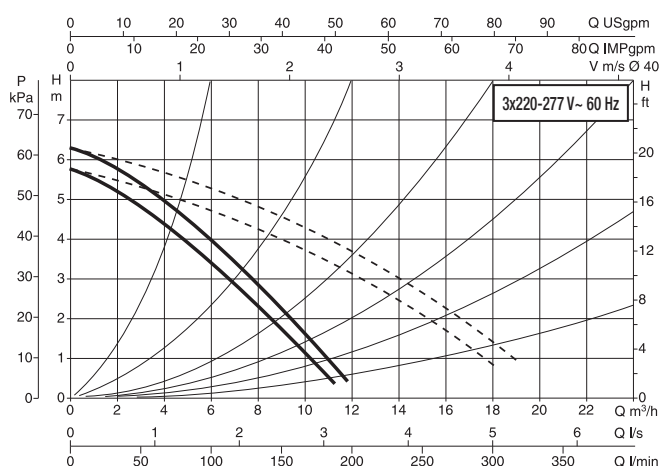
DMH 30/250.40 T



BPH 60/250.40 T



DPH 60/250.40 T



* The hydraulic data for the double version refers to a single engine in operation.

BMH - BPH - DMH - DPH WET ROTOR CIRCULATORS

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AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND
SALT WATER PUMPS

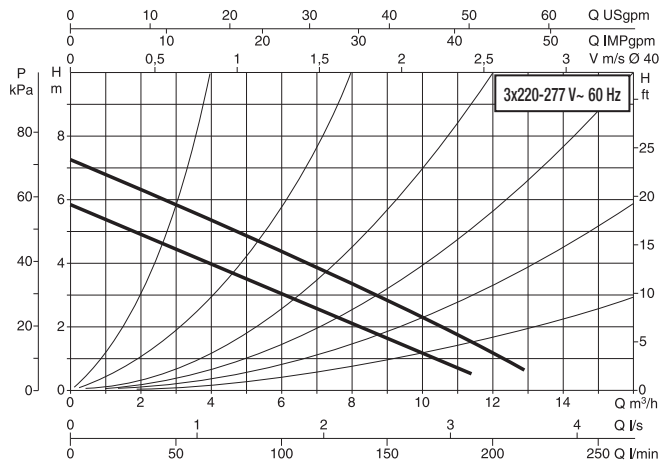
CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

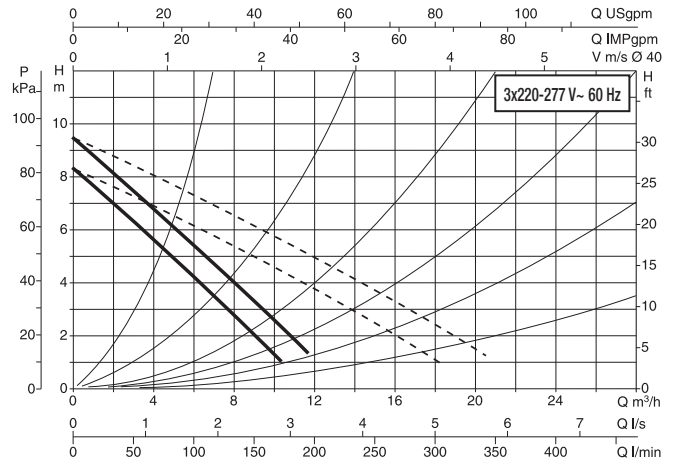
SUBMERSIBLE PUMPS
AND SUBMERSIBLE MOTORS

PRESSURE UNITS

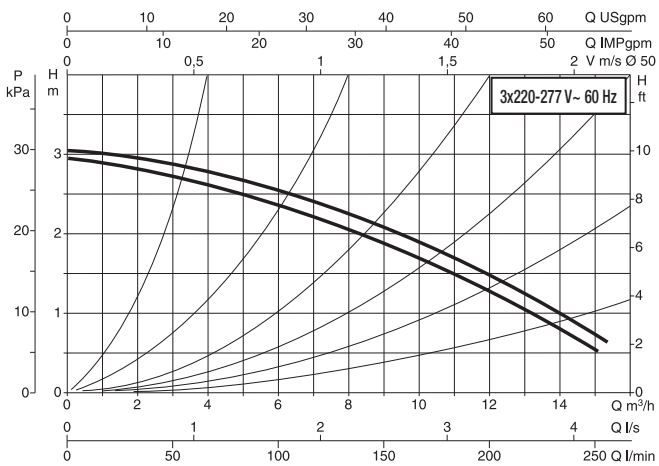
BPH 120/250.40 T



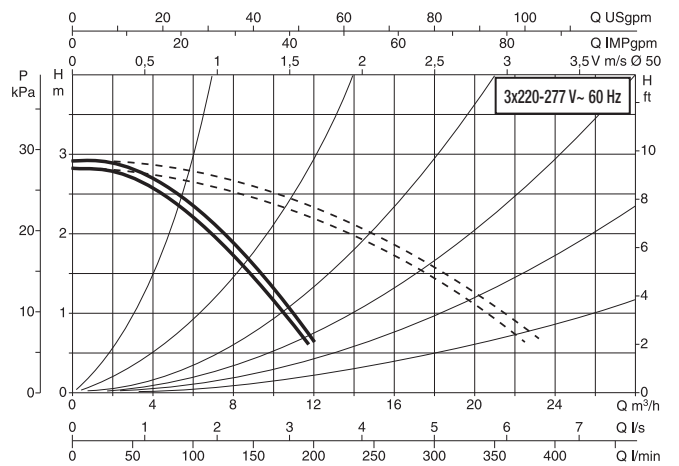
DPH 120/250.40 T



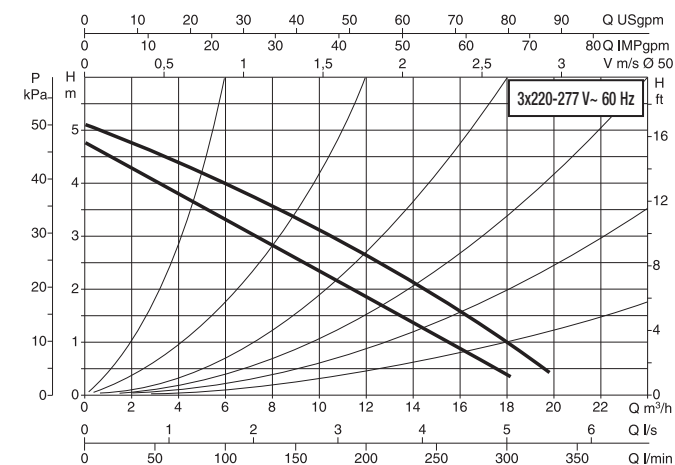
BMH 30/280.50 T



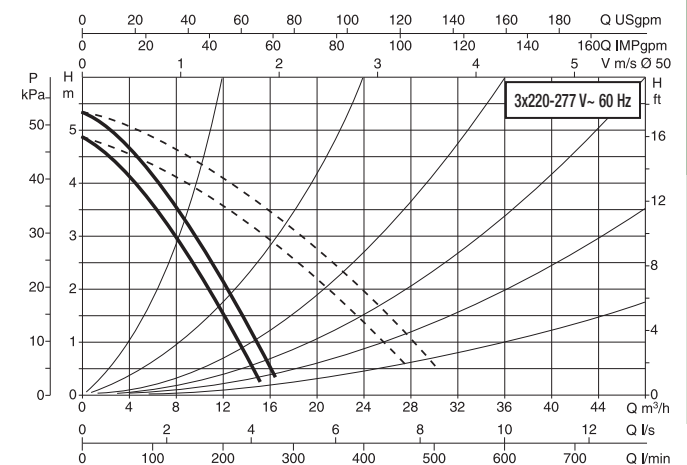
DMH 30/280.50 T



BMH 60/280.50 T



DMH 60/280.50 T



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BMH - BPH - DMH - DPH WET ROTOR CIRCULATORS

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AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND
SALT WATER PUMPS

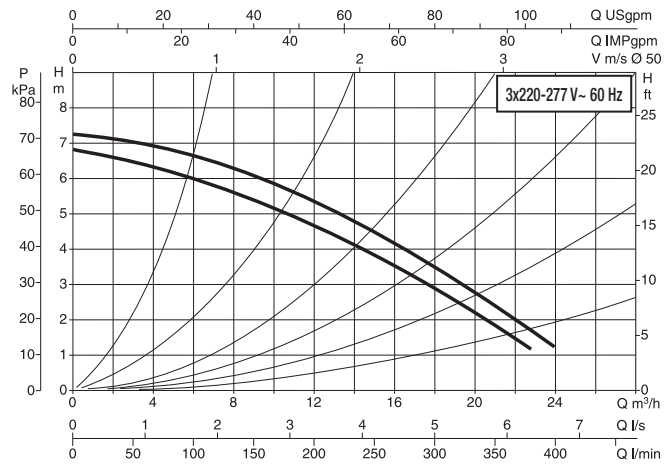
CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

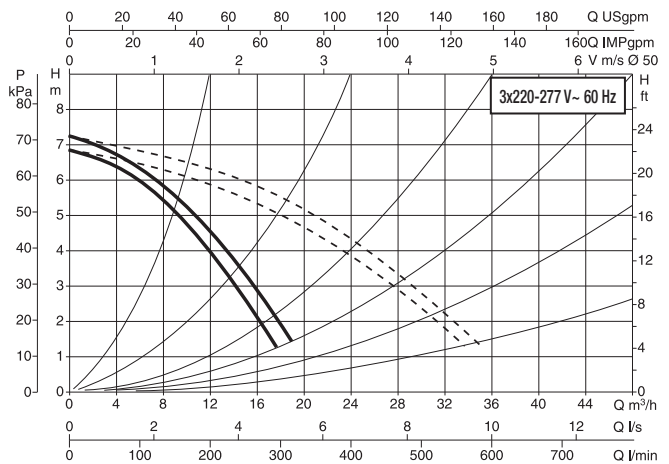
SUBMERSIBLE PUMPS
AND SUBMERSIBLE MOTORS

PRESSURE UNITS

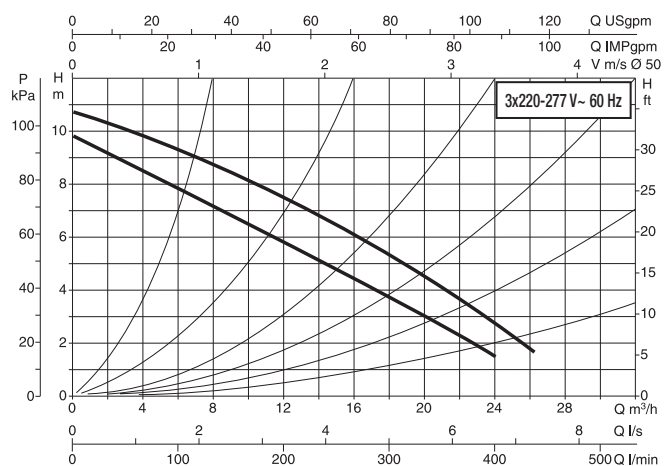
BPH 60/280.50 T



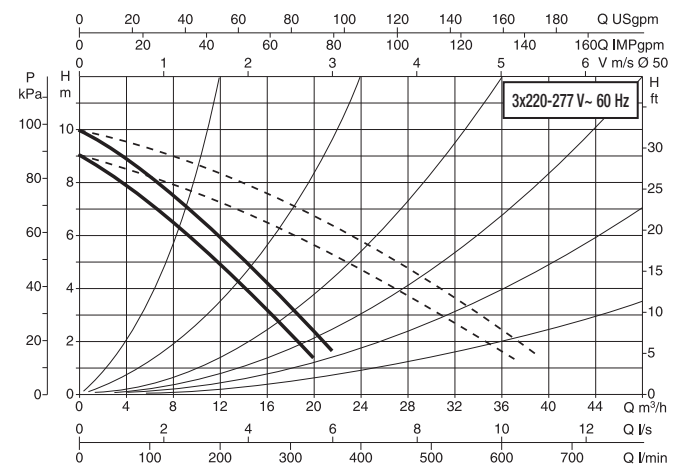
DPH 60/280.50 T



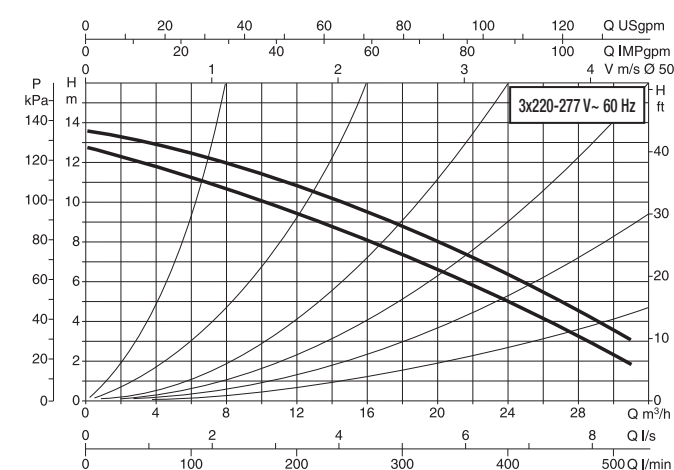
BPH 120/280.50 T



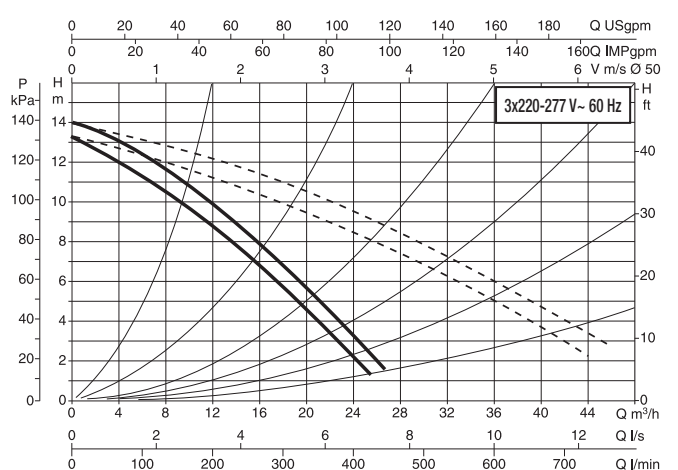
DPH 120/280.50 T



BPH 150/280.50 T



DPH 150/280.50 T



* The hydraulic data for the double version refers to a single engine in operation.

BMH - BPH - DMH - DPH

WET ROTOR CIRCULATORS

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SWIMMING POOL, POND AND SALT WATER PUMPS

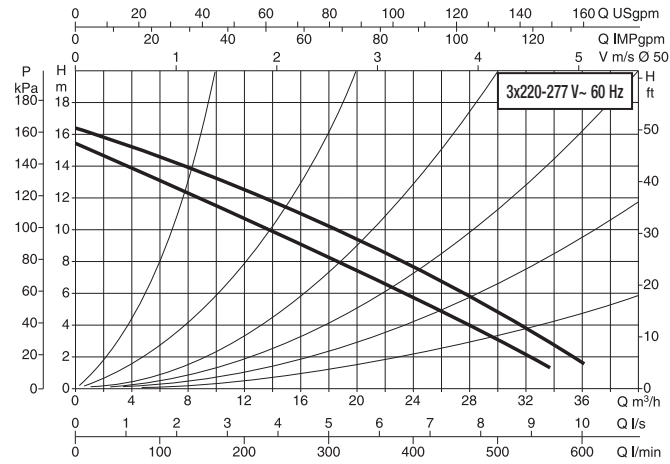
CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

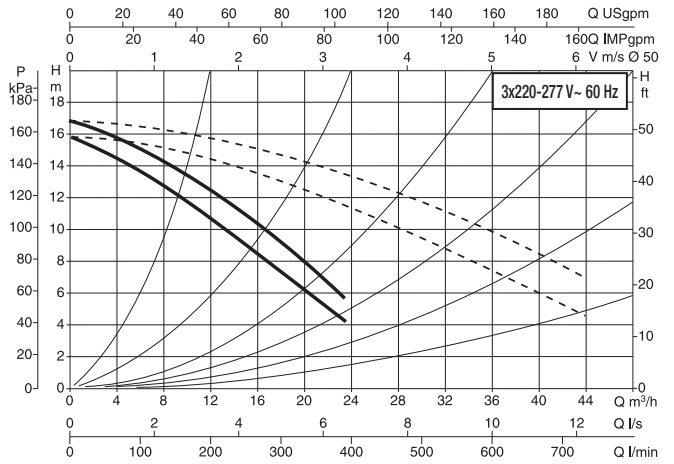
SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

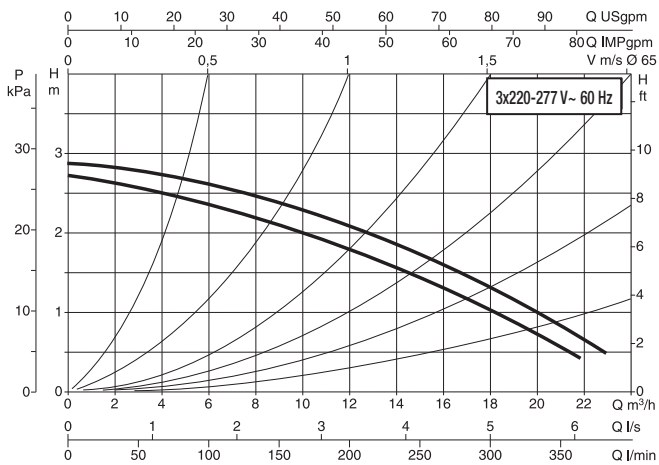
BMH 180/280.50 T



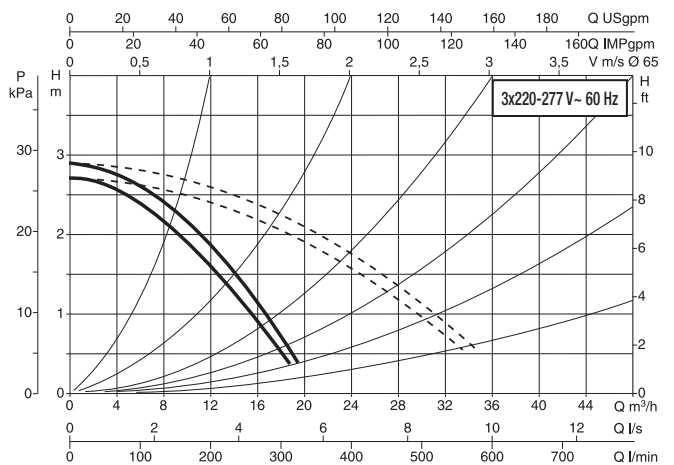
DMH 180/280.50 T



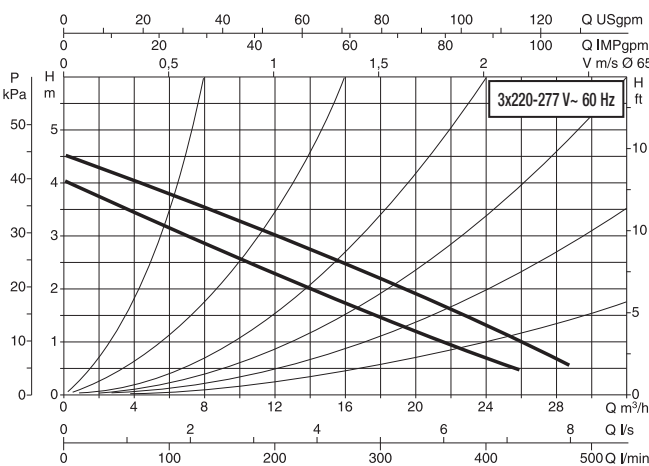
BMH 30/340.65 T



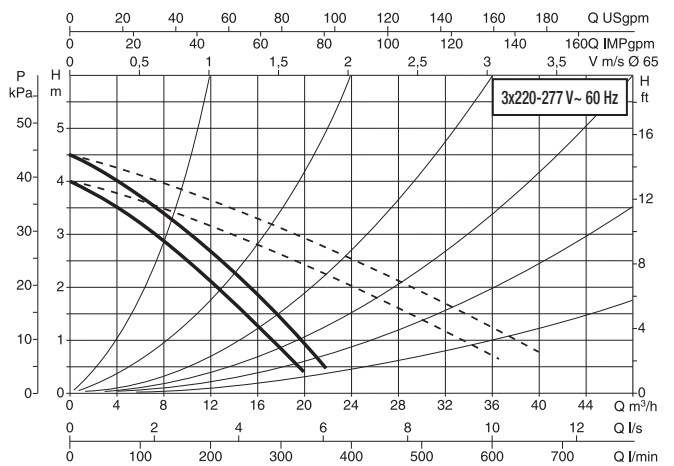
DMH 30/340.65 T



BMH 60/340.65 T



DMH 60/340.65 T



* The hydraulic data for the double version refers to a single engine in operation.

BMH - BPH - DMH - DPH WET ROTOR CIRCULATORS

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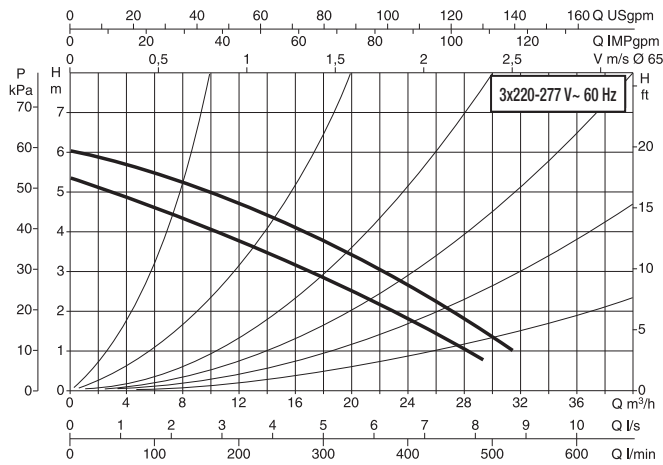
CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

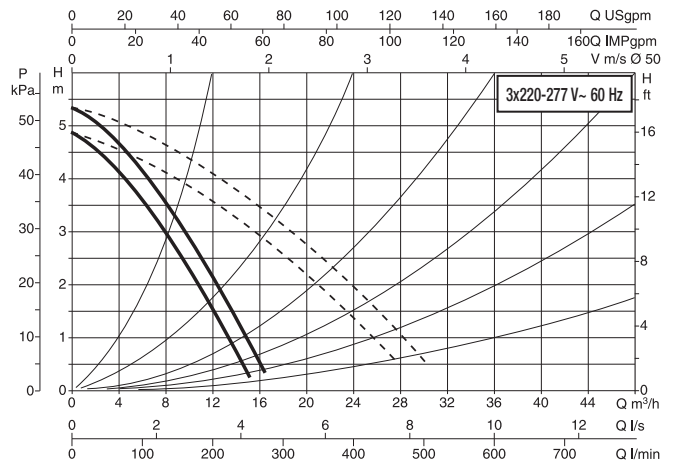
SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

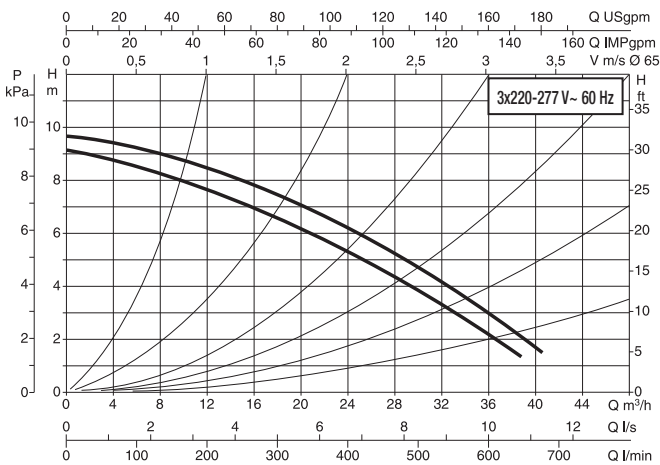
BPH 60/340.65 T



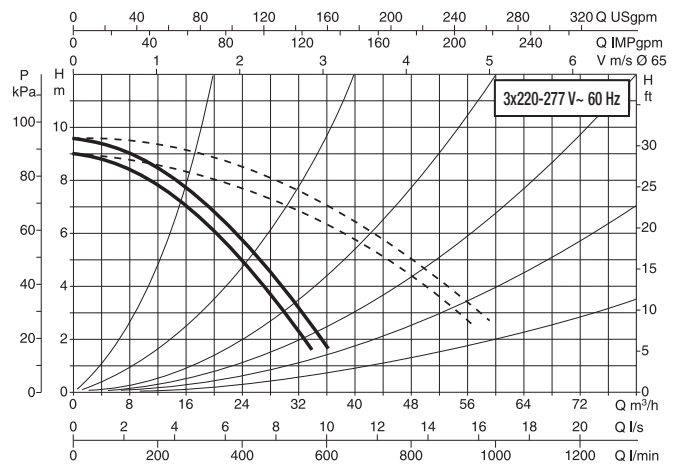
DPH 60/340.65 T



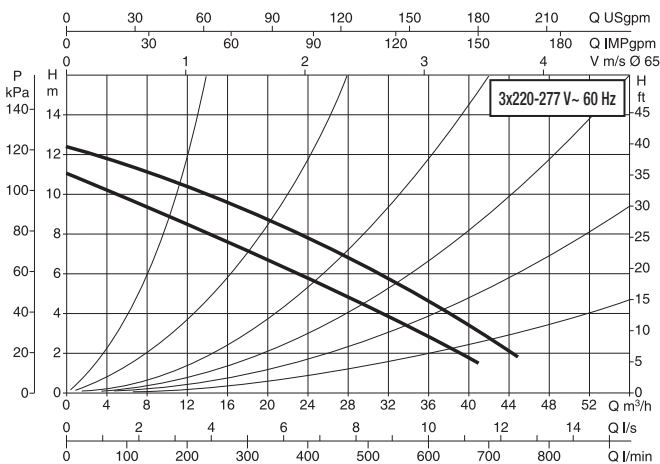
BPH 120/340.65 T



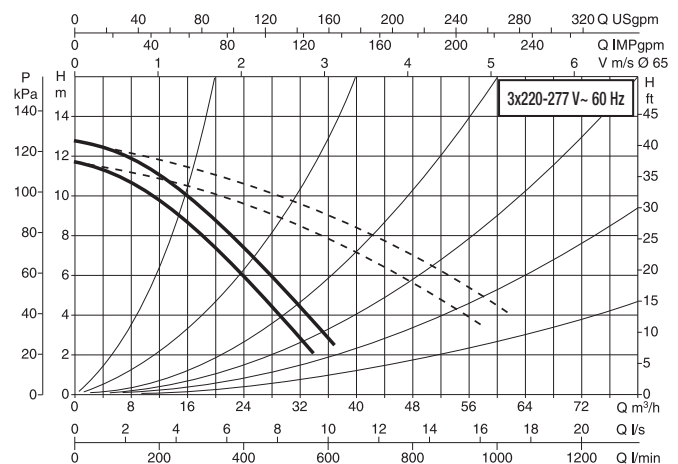
DPH 120/340.65 T



BPH 150/340.65 T



DPH 150/340.65 T



* The hydraulic data for the double version refers to a single engine in operation.

BMH - BPH - DMH - DPH WET ROTOR CIRCULATORS

DCONNECT

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SWIMMING POOL, POND AND SALT WATER PUMPS

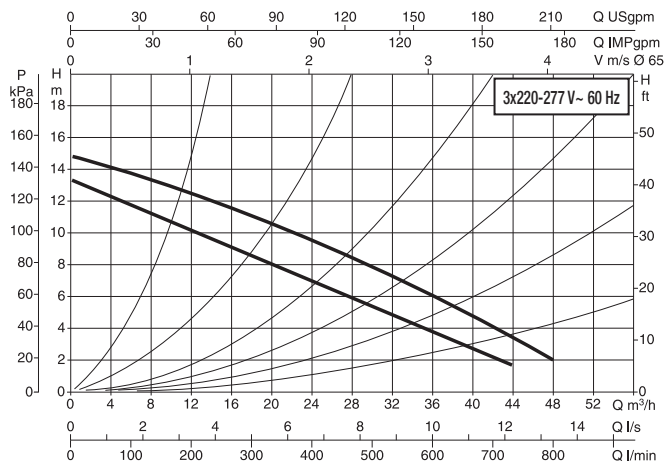
CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

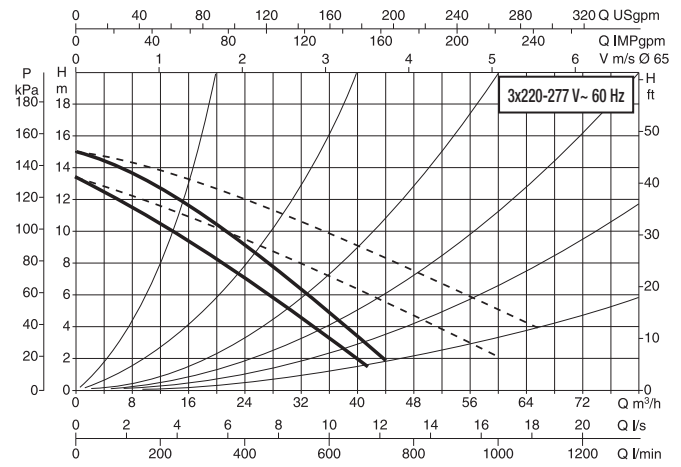
SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

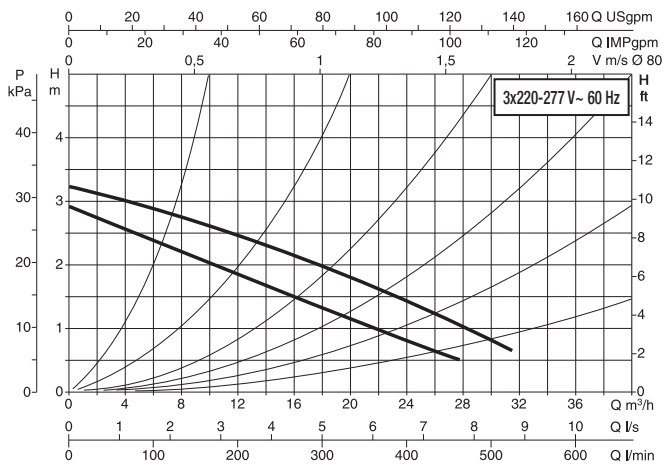
BPH 180/340.65 T



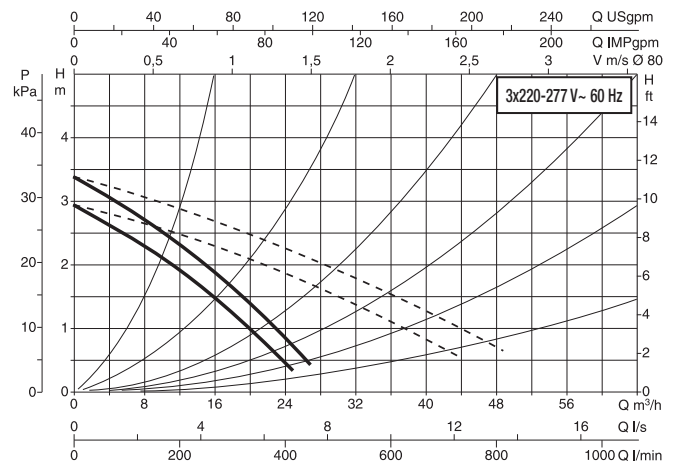
DPH 180/340.65 T



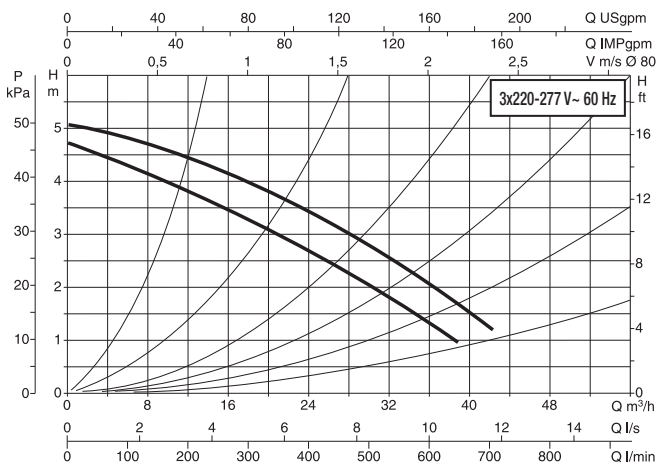
BMH 30/360.80 T



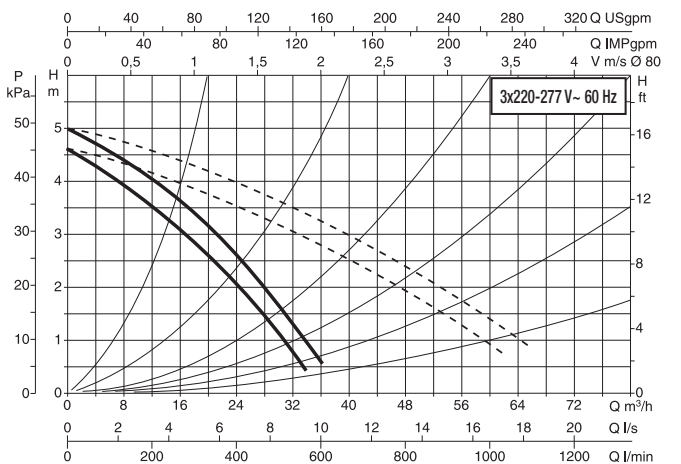
DMH 30/360.80 T



BMH 60/360.80 T



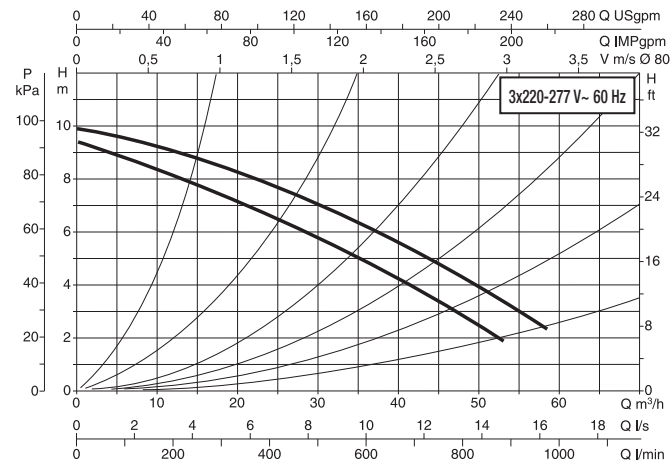
DMH 60/360.80 T



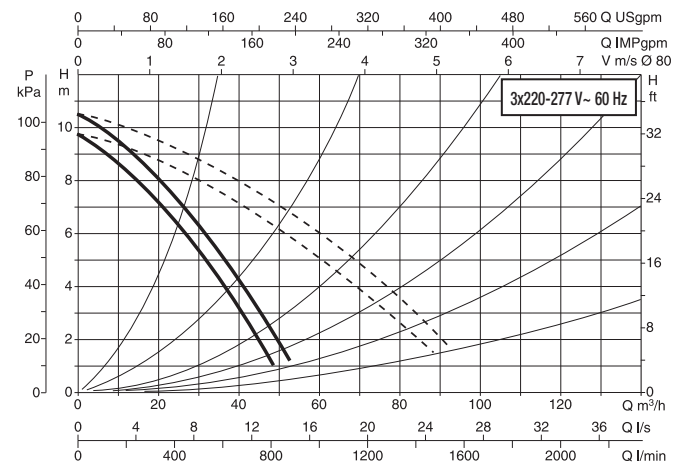
* The hydraulic data for the double version refers to a single engine in operation.

BMH - BPH - DMH - DPH WET ROTOR CIRCULATORS

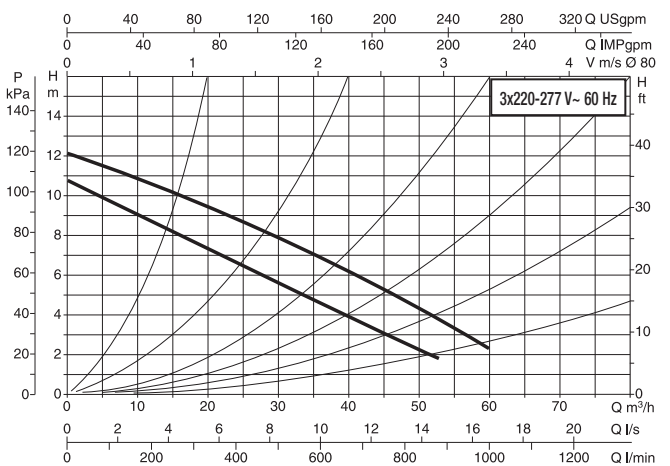
BPH 120/360.80 T



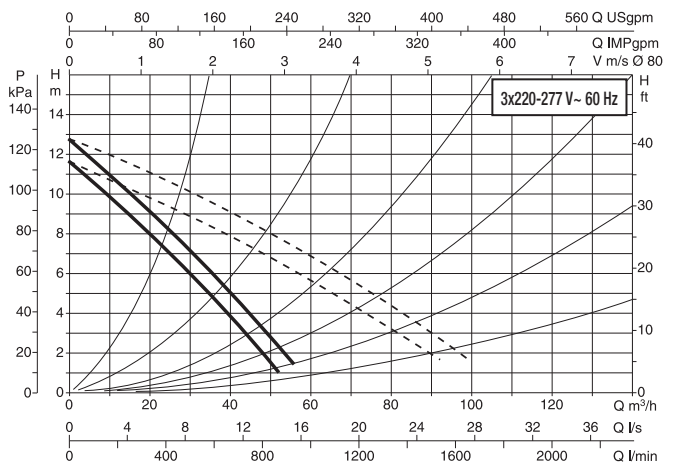
DPH 120/360.80 T



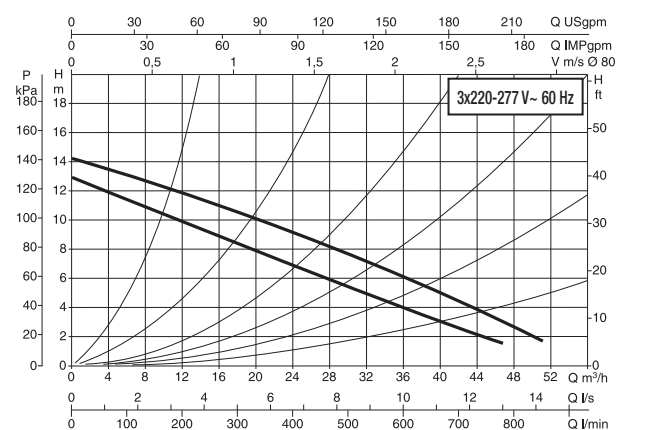
BPH 150/360.80 T



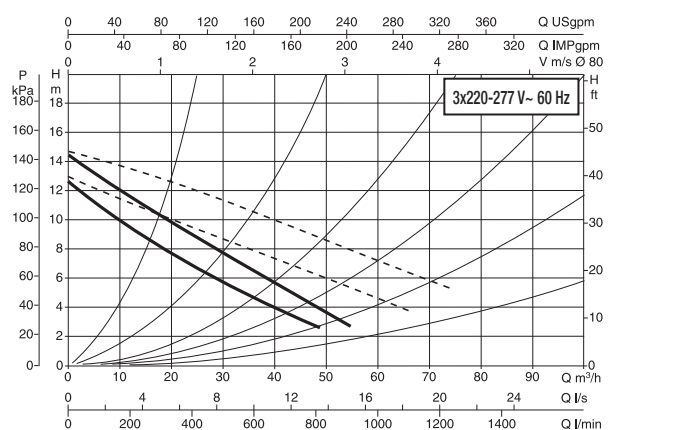
DPH 150/360.80 T



BPH 180/360.80 T



DPH 180/360.80 T



* The hydraulic data for the double version refers to a single engine in operation.

BMH - BPH - DMH - DPH

PERFORMANCE RANGE

BPH - BMH - HEATING AND AIR-CONDITIONING SYSTEMS

| SINGLE Single-phase - Three-phase | P1 Max W | Q m³/h l/min | H (m) | | | | | | | | | | | | | | | | | | |
|--------------------------------------|----------------|--------------------|--------|-----------|-----------|-----------|-----------|---------|-----------|-----------|------------|------------|-----------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| | | | 0 0 | 0,6 10 | 1,2 20 | 1,8 30 | 2,4 40 | 3 50 | 4,2 70 | 5,4 90 | 7,2 120 | 9,6 160 | 12 200 | 14,4 240 | 18 300 | 24 400 | 30 500 | 36 600 | 42 700 | 54 900 | 72 1200 |
| BMH 30/250.40 T | 196 | | 3,6 | | | 2,8 | 2,7 | 2,6 | 2,3 | 1,8 | 1,1 | | | | | | | | | | |
| BPH 60/250.40 M | 334 | | 7,1 | | | 6,9 | 6,8 | 6,7 | 6,4 | 5,9 | 5,1 | 3,6 | 1,8 | | | | | | | | |
| BPH 60/250.40 T | 340 | | 7,1 | | | 6,9 | 6,8 | 6,7 | 6,4 | 5,9 | 5,1 | 3,7 | 1,96 | | | | | | | | |
| BPH 120/250.40 M | 539 | | 10,8 | | | 10,2 | 10,2 | 10,1 | 8,8 | 8,5 | 8 | 6,2 | 4,6 | 2,2 | | | | | | | |
| BPH 120/250.40 T | 511 | | 10,7 | | | | 10,1 | 9,9 | 9,1 | 8,8 | 7,8 | 6,4 | 4,6 | 2,6 | | | | | | | |
| BMH 30/280.50 T | 286 | | 3,3 | | | | 3,2 | 3,2 | 3,1 | 3,0 | 2,8 | 2,5 | 1,9 | 1,3 | 0,4 | | | | | | |
| BMH 60/280.50 T | 665 | | 5,7 | | | | 5,6 | 5,6 | 5,5 | 5,4 | 5 | 4,8 | 4,1 | 3,4 | 2,4 | | | | | | |
| BPH 60/280.50 M | 750 | | 7,4 | | | | 7,2 | 7,2 | 7 | 6,8 | 6,6 | 6,2 | 5,6 | 5,2 | 4 | 1,7 | | | | | |
| BPH 60/280.50 T | 665 | | 7,5 | | | | 7,4 | 7,3 | 7,2 | 7 | 6,8 | 6,4 | 5,6 | 5,2 | 3,9 | 1,8 | | | | | |
| BPH 120/280.50 M | 966 | | 10,6 | | | | | | 10,4 | 10,2 | 10 | 9,6 | 9,1 | 8,4 | 7,4 | 4,7 | 1,94 | | | | |
| BPH 120/280.50 T | 902 | | 10,6 | | | | | | 10,2 | 10 | 9,8 | 9,2 | 9 | 8,4 | 7,8 | 5,4 | 3 | | | | |
| BPH 150/280.50 T | 1767 | | 15,1 | | | | | | 14,8 | 14,6 | 14,4 | 14 | 13,6 | 13 | 11,8 | 9,2 | 5,9 | 3 | | | |
| BPH 180/280.50 T | 1893 | | 18,3 | | | | | | 17,9 | 17,8 | 17,6 | 17,2 | 16,6 | 16 | 14,7 | 12,2 | 9 | 5,6 | | | |
| BMH 30/340.65 T | 342 | | 3,3 | | | | | | 3,2 | 3,1 | 3,1 | 2,9 | 2,7 | 2,5 | 2 | 0,8 | | | | | |
| BMH 60/340.65 T | 513 | | 5,6 | | | | | | 5,4 | 5,3 | 5,2 | 4,9 | 4,7 | 4,3 | 3,6 | 2,6 | 0,8 | | | | |
| BPH 60/340.65 M | 909 | | 7,9 | | | | | | 7,7 | 7,6 | 7,3 | 7,2 | 6,9 | 6,4 | 5,9 | 4,8 | 3,4 | 1,6 | | | |
| BPH 60/340.65 T | 513 | | 7,7 | | | | | | 7,6 | 7,6 | 7,4 | 7,1 | 6,8 | 6,4 | 5,9 | 4,8 | 3,3 | 1,6 | | | |
| BPH 120/340.65 T | 1290 | | 10,8 | | | | | | 10,7 | 10,6 | 10,5 | 10,4 | 10,2 | 9,8 | 9,3 | 8,4 | 6,8 | 5,0 | 2,8 | | |
| BPH 150/340.65 T | 2011 | | 15,0 | | | | | | 14,8 | 14,7 | 14,6 | 14,4 | 14,3 | 14 | 13,6 | 12,6 | 11 | 9,1 | 6,8 | | |
| BPH 180/340.65 T | 2700 | | 17,8 | | | | | | | | 17,6 | 17,4 | 17,2 | 16,8 | 16,4 | 15,3 | 13,6 | 11,9 | 9,6 | 4,2 | |
| BMH 30/360.80 T | 558 | | 3,9 | | | | | | | | 3,8 | 3,7 | 3,6 | 3,4 | 3 | 2,4 | 1,6 | | | | |
| BMH 60/360.80 T | 942 | | 5,7 | | | | | | | | 5,7 | 5,7 | 5,6 | 5,6 | 5,5 | 5,18 | 4,6 | 3,9 | 3 | | |
| BPH 120/360.80T | 1820 | | 11,8 | | | | | | | | 11,65 | 11,58 | 11,5 | 11,4 | 11,25 | 10,75 | 10,2 | 9,39 | 8,37 | 5,65 | |
| BPH 150/360.80T | 2710 | | 15,3 | | | | | | | | 15,1 | 15,06 | 14,99 | 14,92 | 14,75 | 14,5 | 14 | 13,4 | 12,4 | 10,3 | 6 |
| BPH 180/360.80T | 2310 | | 17,5 | | | | | | | | 17,4 | 17,25 | 17,1 | 16,8 | 16,25 | 15 | 13,7 | 12 | 10,1 | 5,5 | |

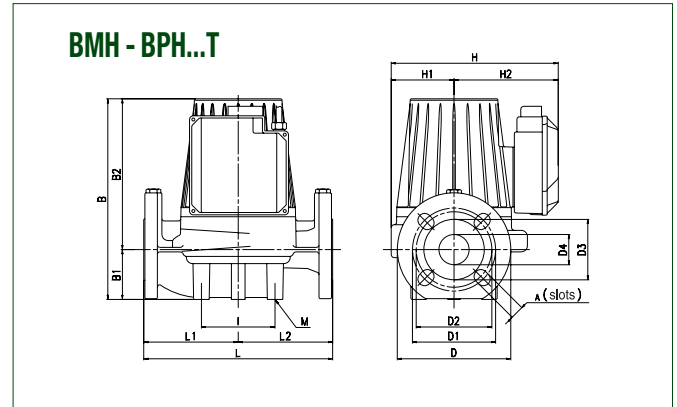
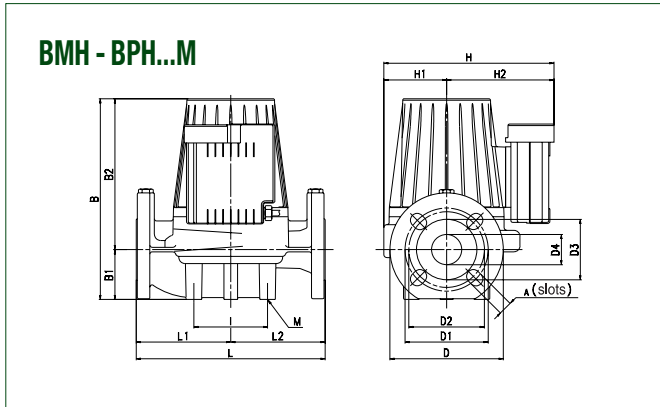
DMH - DPH - HEATING AND AIR-CONDITIONING SYSTEMS

| TWIN Single-phase - Three-phase | P1 Max W | Q m³/h l/min | H (m) | | | | | | | | | | | | | | | | | | |
|------------------------------------|----------------|--------------------|--------|-----------|-----------|-----------|-----------|---------|-----------|-----------|------------|------------|-----------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| | | | 0 0 | 0,6 10 | 1,2 20 | 1,8 30 | 2,4 40 | 3 50 | 4,2 70 | 5,4 90 | 7,2 120 | 9,6 160 | 12 200 | 14,4 240 | 18 300 | 24 400 | 30 500 | 36 600 | 42 700 | 54 900 | 72 1200 |
| DMH 30/250.40 T | 196 | | 3,6 | | | 2,8 | 2,7 | 2,6 | 2,3 | 1,8 | 1,1 | | | | | | | | | | |
| DPH 60/250.40 M | 334 | | 7,1 | | | 6,9 | 6,8 | 6,7 | 6,4 | 5,9 | 5,1 | 3,6 | 1,8 | | | | | | | | |
| DPH 60/250.40 T | 340 | | 7,1 | | | 6,9 | 6,8 | 6,7 | 6,4 | 5,9 | 5,1 | 3,7 | 1,96 | | | | | | | | |
| DPH 120/250.40 M | 539 | | 10,8 | | | 10,2 | 10,2 | 10,1 | 8,8 | 8,5 | 8 | 6,2 | 4,6 | 2,2 | | | | | | | |
| DPH 120/250.40 T | 511 | | 10,7 | | | | 10,1 | 9,9 | 9,1 | 8,8 | 7,8 | 6,4 | 4,6 | 2,6 | | | | | | | |
| DMH 30/280.50 T | 286 | | 3,3 | | | | 3,2 | 3,2 | 3,1 | 3,0 | 2,8 | 2,5 | 1,9 | 1,3 | 0,4 | | | | | | |
| DMH 60/280.50 T | 665 | | 5,7 | | | | 5,6 | 5,6 | 5,5 | 5,4 | 5 | 4,8 | 4,1 | 3,4 | 2,4 | | | | | | |
| DPH 60/280.50 M | 750 | | 7,4 | | | | 7,2 | 7,2 | 7 | 6,8 | 6,6 | 6,2 | 5,6 | 5,2 | 4 | 1,7 | | | | | |
| DPH 60/280.50 T | 665 | | 7,5 | | | | 7,4 | 7,3 | 7,2 | 7 | 6,8 | 6,4 | 5,6 | 5,2 | 3,9 | 1,8 | | | | | |
| DPH 120/280.50 M | 966 | | 10,6 | | | | | | 10,4 | 10,2 | 10 | 9,6 | 9,1 | 8,4 | 7,4 | 4,7 | 1,94 | | | | |
| DPH 120/280.50 T | 902 | | 10,6 | | | | | | 10,2 | 10 | 9,8 | 9,2 | 9 | 8,4 | 7,8 | 5,4 | 3 | | | | |
| DPH 150/280.50 T | 1767 | | 15,1 | | | | | | 14,8 | 14,6 | 14,4 | 14 | 13,6 | 13 | 11,8 | 9,2 | 5,9 | 3 | | | |
| DPH 180/280.50 T | 1893 | | 18,3 | | | | | | 17,9 | 17,8 | 17,6 | 17,2 | 16,6 | 16 | 14,7 | 12,2 | 9 | 5,6 | | | |
| DMH 30/340.65 T | 342 | | 3,3 | | | | | | 3,2 | 3,1 | 3,1 | 2,9 | 2,7 | 2,5 | 2 | 0,8 | | | | | |
| DMH 60/340.65 T | 513 | | 5,6 | | | | | | 5,4 | 5,3 | 5,2 | 4,9 | 4,7 | 4,3 | 3,6 | 2,6 | 0,8 | | | | |
| DPH 60/340.65 M | 909 | | 7,9 | | | | | | 7,7 | 7,6 | 7,3 | 7,2 | 6,9 | 6,4 | 5,9 | 4,8 | 3,4 | 1,6 | | | |
| DPH 60/340.65 T | 513 | | 7,7 | | | | | | 7,6 | 7,6 | 7,4 | 7,1 | 6,8 | 6,4 | 5,9 | 4,8 | 3,3 | 1,6 | | | |
| DPH 120/340.65 T | 1290 | | 10,8 | | | | | | 10,7 | 10,6 | 10,5 | 10,4 | 10,2 | 9,8 | 9,3 | 8,4 | 6,8 | 5,0 | 2,8 | | |
| DPH 150/340.65 T | 2011 | | 15,0 | | | | | | 14,8 | 14,7 | 14,6 | 14,4 | 14,3 | 14 | 13,6 | 12,6 | 11 | 9,1 | 6,8 | | |
| DPH 180/340.65 T | 2700 | | 17,8 | | | | | | | | 17,6 | 17,4 | 17,2 | 16,8 | 16,4 | 15,3 | 13,6 | 11,9 | 9,6 | 4,2 | |
| DMH 30/360.80 T | 558 | | 3,9 | | | | | | | | 3,8 | 3,7 | 3,6 | 3,4 | 3 | 2,4 | 1,6 | | | | |
| DMH 60/360.80 T | 942 | | 5,7 | | | | | | | | 5,7 | 5,7 | 5,6 | 5,6 | 5,5 | 5,18 | 4,6 | 3,9 | 3 | | |
| DPH 120/360.80 T | 1820 | | 11,8 | | | | | | | | 11,65 | 11,58 | 11,5 | 11,4 | 11,25 | 10,75 | 10,2 | 9,39 | 8,37 | 5,65 | |
| DPH 150/360.80 T | 2710 | | 15,3 | | | | | | | | 15,1 | 15,06 | 14,99 | 14,92 | 14,75 | 14,5 | 14 | 13,4 | 12,4 | 10,3 | 6 |
| DPH 180/360.80T | 2310 | | 17,5 | | | | | | | | 17,4 | 17,25 | 17,1 | 16,8 | 16,25 | 15 | 13,7 | 12 | 10,1 | 5,5 | |

BMH - BPH - DMH - DPH

WET ROTOR CIRCULATORS

DIMENSIONS AND WEIGHTS - SINGLE WITH FLANGES



| MODEL | L | L1 | L2 | A | B | B1 | B2 | D | D1 | D2 | D3 | D4 | I | M | H | H1 | H2 | WEIGHT |
|-------------------------|-----|-----|-----|----|-----|----|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|--------|
| BMH 30/250.40 T | 250 | 125 | 125 | 18 | 266 | 66 | 200 | 150 | 110 | 100 | 80 | 40 | 100 | M10 | 221 | 83 | 138 | 17,5 |
| BMH 60/250.40 M | 250 | 125 | 125 | 18 | 266 | 66 | 200 | 150 | 110 | 100 | 80 | 40 | 100 | M10 | 221 | 83 | 138 | 17,5 |
| BPH 60/250.40 T | 250 | 125 | 125 | 18 | 266 | 66 | 200 | 150 | 110 | 100 | 80 | 40 | 100 | M10 | 221 | 83 | 138 | 17,5 |
| BPH 120/250.40 M | 250 | 125 | 125 | 18 | 266 | 66 | 200 | 150 | 110 | 100 | 80 | 40 | 100 | M10 | 221 | 83 | 138 | 17,5 |
| BPH 120/250.40 T | 250 | 125 | 125 | 18 | 266 | 66 | 200 | 150 | 110 | 100 | 80 | 40 | 100 | M10 | 221 | 83 | 138 | 17,5 |
| BMH 30/280.50 T | 280 | 140 | 140 | 18 | 312 | 73 | 239 | 165 | 125 | 110 | 90 | 50 | 100 | M10 | 254 | 96 | 158 | 24 |
| BMH 60/280.50 T | 280 | 140 | 140 | 18 | 312 | 73 | 239 | 165 | 125 | 110 | 90 | 50 | 100 | M10 | 254 | 96 | 158 | 24 |
| BPH 60/280.50 M | 280 | 140 | 140 | 18 | 312 | 73 | 239 | 165 | 125 | 110 | 90 | 50 | 100 | M10 | 254 | 96 | 158 | 24 |
| BPH 60/280.50 T | 280 | 140 | 140 | 18 | 312 | 73 | 239 | 165 | 125 | 110 | 90 | 50 | 100 | M10 | 254 | 96 | 158 | 24 |
| BPH 120/280.50 M | 280 | 140 | 140 | 18 | 312 | 73 | 239 | 165 | 125 | 110 | 90 | 50 | 100 | M10 | 254 | 96 | 158 | 24 |
| BPH 120/280.80 T | 280 | 140 | 140 | 18 | 312 | 73 | 239 | 165 | 125 | 110 | 90 | 50 | 100 | M10 | 254 | 96 | 158 | 24 |
| BPH 150/280.50 T | 280 | 140 | 140 | 18 | 362 | 73 | 289 | 165 | 125 | 110 | 90 | 50 | 100 | M10 | 254 | 96 | 158 | 26 |
| BPH 180/280.50 T | 280 | 140 | 140 | 18 | 362 | 73 | 289 | 165 | 125 | 110 | 90 | 50 | 100 | M10 | 254 | 96 | 158 | 26 |
| BMH 30/340.65 T | 340 | 170 | 170 | 18 | 334 | 82 | 252 | 185 | 145 | 130 | 110 | 65 | 100 | M12 | 259 | 100 | 159 | 27,5 |
| BMH 60/340.65 T | 340 | 170 | 170 | 18 | 334 | 82 | 252 | 185 | 145 | 130 | 110 | 65 | 100 | M12 | 259 | 100 | 159 | 27,5 |
| BPH 60/340.65 M | 340 | 170 | 170 | 18 | 334 | 82 | 252 | 185 | 145 | 130 | 110 | 65 | 100 | M12 | 259 | 100 | 159 | 27,5 |
| BPH 60/340.65 T | 340 | 170 | 170 | 18 | 334 | 82 | 252 | 185 | 145 | 130 | 110 | 65 | 100 | M12 | 259 | 100 | 159 | 30,5 |
| BPH 120/340.65 T | 340 | 170 | 170 | 18 | 334 | 82 | 302 | 185 | 145 | 130 | 110 | 65 | 100 | M12 | 259 | 100 | 159 | 32,5 |
| BPH 150/340.65 T | 340 | 170 | 170 | 18 | 384 | 82 | 302 | 185 | 145 | 130 | 110 | 65 | 100 | M12 | 259 | 100 | 159 | 32,5 |
| BPH 180/340.65 T | 340 | 170 | 170 | 18 | 384 | 82 | 302 | 185 | 145 | 130 | 110 | 65 | 100 | M12 | 259 | 100 | 159 | 32,5 |
| BMH 30/360.80 T | 360 | 170 | 190 | 18 | 354 | 97 | 254 | 200 | 160 | 150 | 130 | 80 | 115 | M12 | 297 | 100 | 159 | 31 |
| BMH 60/360.80 T | 360 | 170 | 190 | 18 | 404 | 97 | 307 | 200 | 160 | 150 | 130 | 80 | 115 | M12 | 259 | 100 | 159 | 40 |
| BPH 120/360.80 T | 360 | 170 | 190 | 18 | 404 | 97 | 307 | 200 | 160 | 150 | 130 | 80 | 115 | M12 | 259 | 100 | 159 | 40 |
| BPH 150/360.80 T | 360 | 170 | 190 | 18 | 404 | 97 | 307 | 200 | 160 | 150 | 130 | 80 | 115 | M12 | 259 | 100 | 159 | 40 |
| BPH 180/360.80 T | 360 | 170 | 190 | 18 | 404 | 97 | 307 | 200 | 160 | 150 | 130 | 80 | 115 | M12 | 259 | 100 | 159 | 40 |

TERMINAL STRIP POSITION - BMH - BPH - DMH - DPH

| SINGLE | |
|----------------|----------------|
| DN 40-50-65-80 | DN 65-80 |
| | |
| TWIN | |
| DN 65-80 | DN 40-50-65-80 |
| | |

* For installations in conditioning systems, use the circulator only in the strip positions marked with the asterisk.

ALME - ALPE

ELECTRONIC IN-LINE PUMPS



Circulator for hot or cold water with in-line ports, suitable for installation directly on the pipes in civil and industrial heating air conditioning, refrigeration, and domestic water systems. Extremely versatile thanks to the use of the **MCE/C** inverter, the circulator performance is such as to allow automatic adaptation to meet the various requirements of the system, while keeping pressure differentials unchanged.

Pump body and motor support in cast iron.
2" M-GAS inlet and outlet. Impeller in technopolymer, carbon/ceramic mechanical seal.

Four-pole totally enclosed asynchronous motor with external cooling for version **ALME** and two pole motor for version **ALPE**.

Rotor mounted on oversized greased sealed-for-life ball bearings to ensure silent running and long life.
Constructed following the CEI 2-3 standards.

Operating range

from 1 to 8.4 m³/h with head up to 21 meters.

Liquid temperature range

From -15 °C to +120°C.

Liquid quality requirements clean, free from solid or abrasive substances, not viscous, not aggressive, not crystallised and chemically neutral, characteristics similar to water – maximum glycol percentage 30 % (for different glycol percentages, please contact the Technical Assistance Service).

Installation fixed horizontally.

Maximum ambient temperature +40°C

Maximum working pressure 10 bar (1000 kPa)

Protection rating IP 55

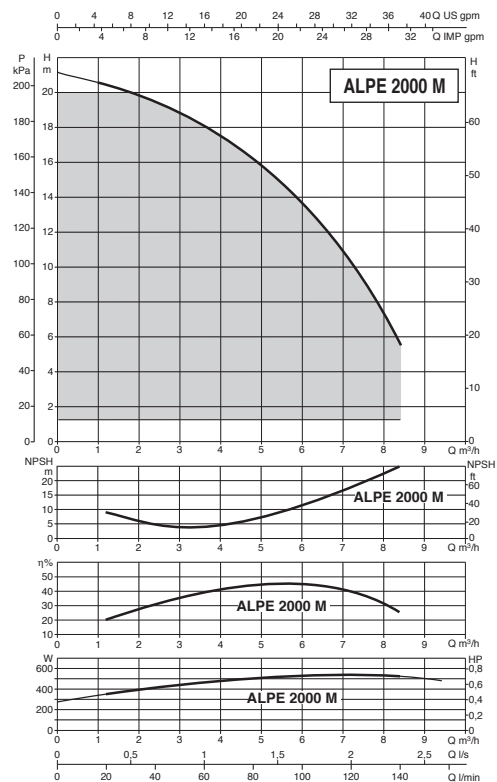
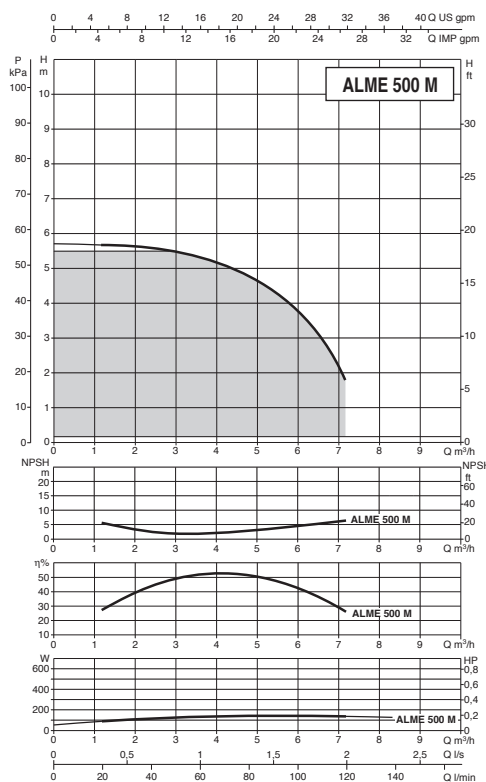
Insulation class F



TECHNICAL DATA

| MODEL | ELECTRICAL DATA | | | | | | DNA GAS | DNM GAS | |
|----------------------|------------------|---------------|-------------|-------------|------------|------|---------|---------|------|
| | VOLTAGE 60 Hz | MOTOR TYPE | n r.p.m. | P1 MAX W | P2 NOMINAL | | | | |
| | | | | | kW | HP | | | |
| ALME 500 M MCE11/C* | 1x220-240 V ~ | 4 POLES | 1425 | 0,20 | 0,25 | 0,33 | 1 | 2" M | 2" M |
| ALPE 2000 M MCE11/C* | 1x220-240 V ~ | 2 POLES | 2870 | 0,69 | 0,55 | 0,75 | 3,7 | 2" M | 2" M |

*Three-phase version available on request



The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.



ALME - ALPE

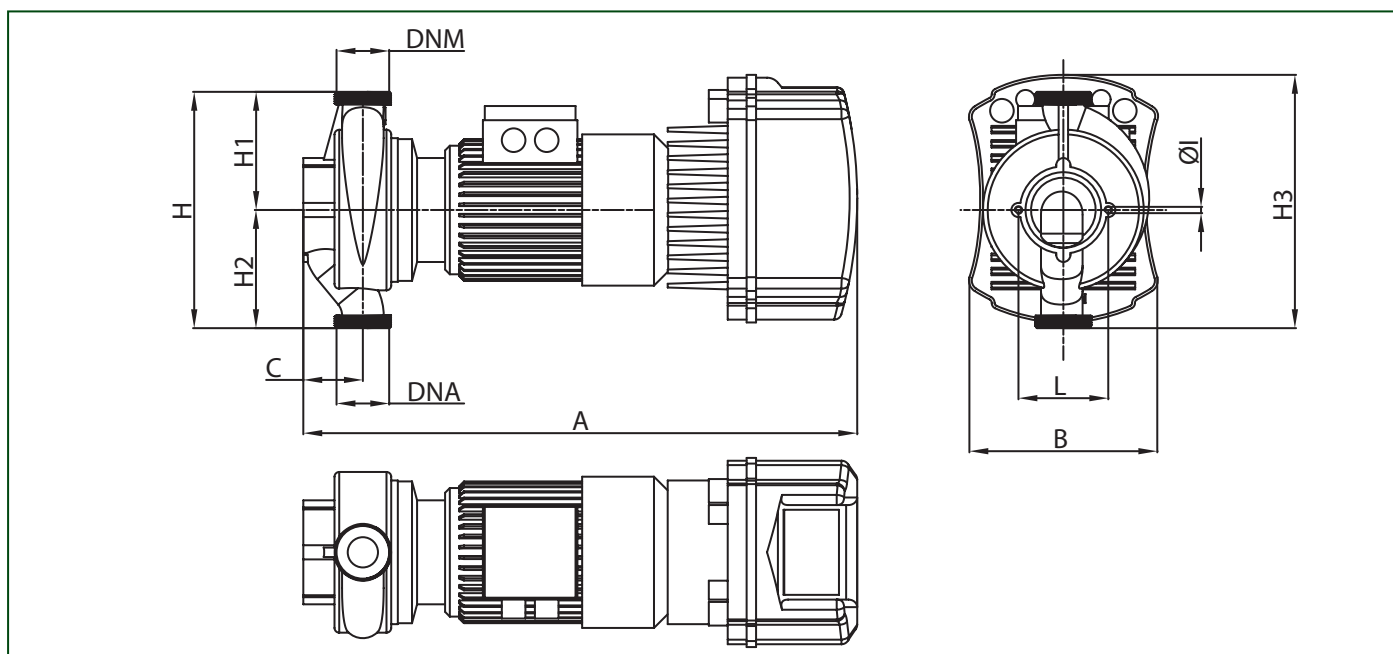
ELECTRONIC IN-LINE PUMPS

ALME - ALPE - HEATING SYSTEMS, AIR CONDITIONING, SOLAR PANEL AND DOMESTIC HOT WATER

| MODEL | P2 NOMINAL | | Q (m³/h) | 0 | 1,2 | 2,4 | 3,6 | 4,8 | 6 | 7,2 | 8,4 |
|---------------------|------------|------|----------|------|------|------|-----|-----|------|------|-----|
| | kW | HP | (l/min) | 0 | 20 | 40 | 60 | 80 | 100 | 120 | 140 |
| ALME 500 M MCE11/C | 0,25 | 0,33 | H (m) | 5,5 | 5,4 | 5,3 | 4,8 | 4,1 | 3 | 1,5 | |
| ALPE 2000 M MCE11/C | 0,55 | 0,75 | | 21,1 | 20,6 | 19,6 | 18 | 16 | 13,8 | 10,5 | 5,3 |

DIMENSIONS AND WEIGHTS

ALME 500 M - ALPE 2000 M



| MODEL | A | B | C | L | ØI | H | H1 | H2 | H3 | PACKING DIMENSIONS | | | WEIGHT KG |
|---------------------|-----|-----|----|----|----|-----|-----|-----|-----|--------------------|-----|-----|--------------|
| | | | | | | | | | | L/A | L/B | H | |
| ALME 500 M MCE11/C | 586 | 200 | 63 | 95 | 8 | 250 | 125 | 125 | 256 | 600 | 234 | 275 | 19,5 |
| ALPE 2000 M MCE11/C | 586 | 200 | 63 | 95 | 8 | 250 | 125 | 125 | 256 | 600 | 234 | 275 | 19,5 |

KLME - KLPE / DKLME - DKLPE

ELECTRONIC IN-LINE PUMPS



Circulator for hot or cold water with in-line ports, suitable for installation directly on the pipes in civil and industrial heating air conditioning, refrigeration, and domestic water systems. Extremely versatile thanks to the use of the **MCE/C** inverter, the circulator performance is such as to allow automatic adaptation to meet the various requirements of the system, while keeping pressure differentials unchanged. Pump body and motor support in cast iron. PN10 Flanged inlet and delivery mouths, fitted with threaded holes for pressure gauges. To facilitate interchangeability in existing installations, the pump is designed to accept PN 6 counterflanges. Impeller in technopolymer. Carbon/ceramic mechanical seal. The pumps are available both in the single version (**KLME-KLPE**) and in the twin version (**DKLME-DKLPE**). An automatic clapet type valve is incorporated into the delivery mouth of the twin version in order to prevent water from recirculating while the unit is not working. In addition, a set of blank flanges is supplied for use when maintenance of one of the two motors is necessary. The twin version makes it possible to alternate operation of the pumps when the back-up unit is requested, or simultaneous operation of the two pumps. Four-pole totally enclosed asynchronous motor with fan-over cooling for versions **KLME** and **DKLME** and two pole motor for versions **KLPE** and **DKLPE**. Rotor mounted on oversized greased sealed-for-life ball bearings to ensure silent running and long life. Integral thermal and current overload protection. Constructed following the CEI 2-3 standards.

Operating range

from 0.4 to 5.4 m³/h with head up to 13,7 meters.

Liquid temperature range

From -15 °C to +120°C.

Liquid quality requirements clean, free from solid or abrasive substances, not viscous, not aggressive, not crystallised and chemically neutral, characteristics similar to water - maximum glycol percentage 30 % (for different glycol percentages, please contact the Technical Assistance Service).

Installation normally horizontal or vertical provided the motor is always above the pump.

Maximum ambient temperature +40°C

Maximum working pressure 10 bar (1000 kPa)

Protection rating IP 55

Insulation class F

Standard flanging DN 40, DN 50, DN 65, DN 80 in PN 6/ PN 10 (4 Holes)



TECHNICAL DATA - KLME - KLPE

| MODEL | ELECTRICAL DATA | | | | | | DNA | DNM | |
|-------------------------------------|------------------|---------------|-------------|-------------|------------|------|------|-----|---------|
| | VOLTAGE 60 Hz | MOTOR TYPE | n r.p.m. | P1 MAX W | P2 NOMINAL | | | | In A |
| | | | | | kW | HP | | | |
| KLPE 40- 600 M MCE11/C | 1x220-240 V ~ | 2 POLES | 2950 | 0,37 | 0,37 | 0,50 | 4,3 | 40 | 40 |
| KLPE 40-1200 M MCE11/C | 1x220-240 V ~ | 2 POLES | 2890 | 0,63 | 0,55 | 0,75 | 6,0 | 40 | 40 |
| KLME 50-600 M MCE11/C | 1x220-240 V ~ | 4 POLES | 1340 | 0,34 | 0,25 | 0,33 | 4,1 | 50 | 50 |
| KLPE 50-1200 M MCE11/C | 1x220-240 V ~ | 2 POLES | 2890 | 0,90 | 0,75 | 1,00 | 7,7 | 50 | 50 |
| KLME 65-600 M MCE11/C | 1x220-240 V ~ | 4 POLES | 1400 | 0,38 | 0,37 | 0,50 | 4,3 | 65 | 65 |
| KLPE 65-1200 M MCE11/C ¹ | 1x220-240 V ~ | 2 POLES | 2880 | 1,37 | 1,10 | 1,50 | 10,7 | 65 | 65 |
| KLME 80-600 M MCE11/C | 1x220-240 V ~ | 4 POLES | 1440 | 0,79 | 0,75 | 1,00 | 7,0 | 80 | 80 |
| KLPE 80-1200 M MCE22/C ¹ | 1x220-240 V ~ | 2 POLES | 2840 | 2,21 | 1,84 | 2,50 | 16,0 | 80 | 80 |

¹Three-phase versions available on request

TECHNICAL DATA - DKLME - DKLPE

| MODEL | ELECTRICAL DATA | | | | | | DNA | DNM | |
|--------------------------------------|------------------|---------------|-------------|-------------|------------|------|------|-----|---------|
| | VOLTAGE 60 Hz | MOTOR TYPE | n r.p.m. | P1 MAX W | P2 NOMINAL | | | | In A |
| | | | | | kW | HP | | | |
| DKLPE 40- 600 M MCE11/C | 1x220-240V ~ | 2 POLES | 2950 | 0,37 | 0,37 | 0,50 | 4,3 | 40 | 40 |
| DKLPE 40-1200 M MCE11/C | 1x220-240V ~ | 2 POLES | 2890 | 0,63 | 0,55 | 0,75 | 6,0 | 40 | 40 |
| DKLME 50-600 M MCE11/C | 1x220-240V ~ | 4 POLES | 1340 | 0,34 | 0,25 | 0,33 | 4,1 | 50 | 50 |
| DKLPE 50-1200 M MCE11/C | 1x220-240V ~ | 2 POLES | 2890 | 0,90 | 0,75 | 1,00 | 7,7 | 50 | 50 |
| DKLME 65-600 M MCE11/C | 1x220-240V ~ | 4 POLES | 1400 | 0,38 | 0,37 | 0,50 | 4,3 | 65 | 65 |
| DKLPE 65-1200 M MCE11/C ¹ | 1x220-240V ~ | 2 POLES | 2880 | 1,37 | 1,10 | 1,50 | 10,7 | 65 | 65 |
| DKLME 80-600 M MCE11/C | 1x220-240V ~ | 4 POLES | 1440 | 0,79 | 0,75 | 1,00 | 7,0 | 80 | 80 |
| DKLPE 80-1200 M MCE22/C ¹ | 1x220-240V ~ | 2 POLES | 2840 | 2,21 | 1,84 | 2,50 | 16,0 | 80 | 80 |

¹Three-phase versions available on request

DCONNECT

COMMAND AND
CONTROL SYSTEMS

CIRCULATORS AND
IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL
AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND
SALT WATER PUMPS

CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

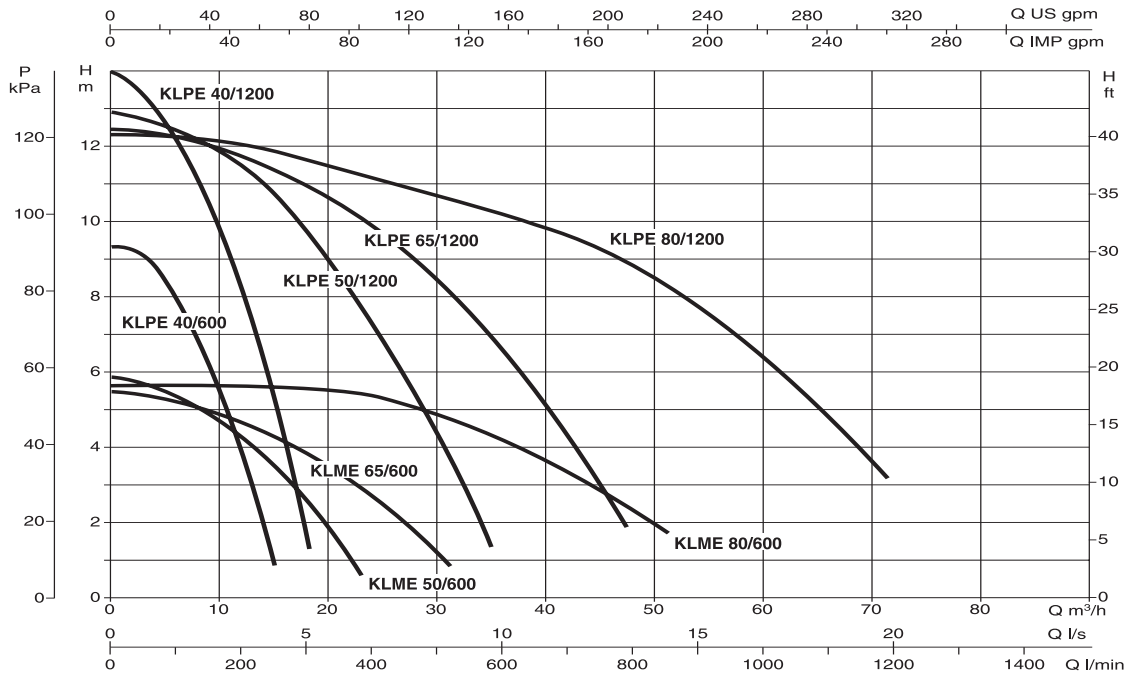
SUBMERSIBLE PUMPS
AND SUBMERSIBLE MOTORS

PRESSURE UNITS

KLME - KLPE / DKLME - DKLPE

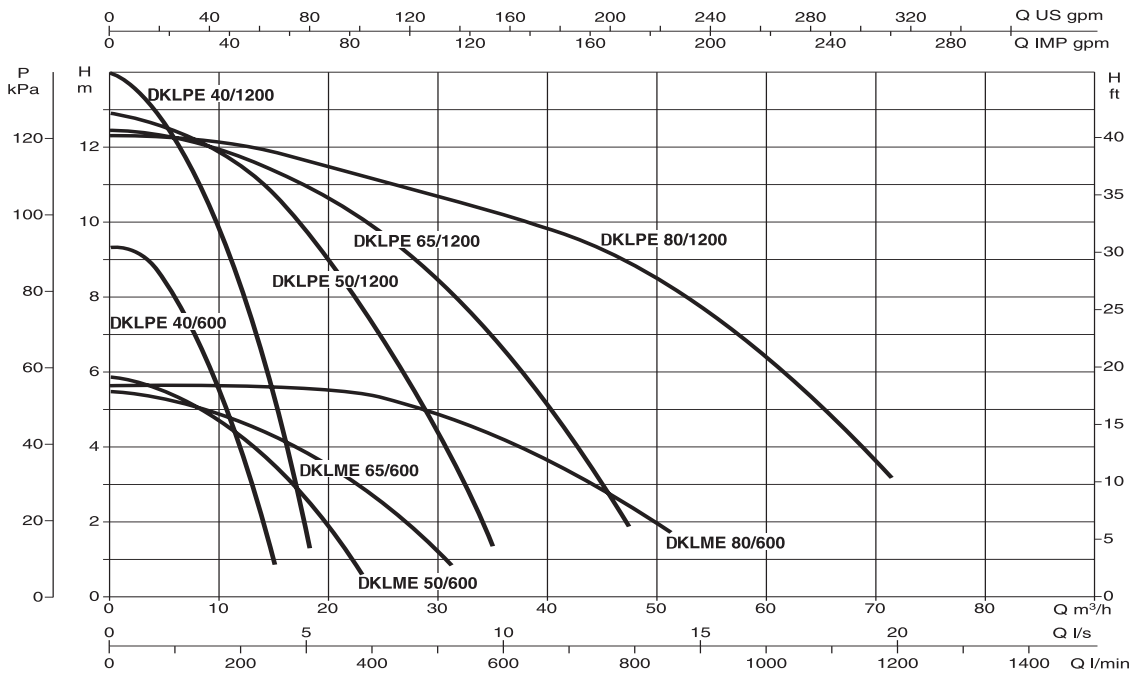
ELECTRONIC IN-LINE PUMPS

KLME - KLPE



The data refers to a single pump in operation.

DKLME - DKLPE



The data refers to a single pump in operation.

KLME - KLPE / DKLME - DKLPE

PERFORMANCE RANGE

KLME - KLPE - HEATING SYSTEMS, AIR CONDITIONING, SOLAR PANEL AND DOMESTIC HOT WATER

| MODEL | P2 NOMINAL | | Q (m³/h) (l/min) | 0 | 4,8 | 6 | 7,2 | 8,4 | 12 | 14,4 | 16,8 | 18 | 24 | 30 | 36 | 48 | 60 |
|-------------------------------------|------------|------|---------------------|------|-----|------|------|------|------|------|------|------|------|------|------|-----|------|
| | kW | HP | | 0 | 80 | 100 | 120 | 140 | 200 | 240 | 280 | 300 | 400 | 500 | 600 | 800 | 1000 |
| KLPE 40- 600 M MCE11/C | 0,37 | 0,5 | H* (m) | 9,1 | 8,2 | 7,7 | 7 | 6,3 | 3,6 | 1,3 | | | | | | | |
| KLPE 40-1200 M MCE11/C | 0,55 | 0,75 | | 1,36 | 12 | 11,4 | 10,8 | 10,2 | 7,6 | 5,4 | 1,4 | | | | | | |
| KLME 50-600 M MCE11/C | 0,25 | 0,33 | | 5,9 | | 5,4 | 5,2 | 5 | 4,3 | 3,7 | 2,9 | 2,5 | | | | | |
| KLPE 50-1200 M MCE11/C | 0,75 | 1 | | 12,5 | | 11,9 | 11,7 | 11,6 | 10,9 | 10,2 | 9,3 | 8,9 | 6 | 3,2 | | | |
| KLME 65-600 M MCE11/C | 0,37 | 0,5 | | 5,5 | | | | 5 | 4,7 | 4,4 | 4 | 3,8 | 2,7 | 1,2 | | | |
| KLPE 65-1200 M MCE11/C ¹ | 1,1 | 1,5 | | 12,3 | | | | 12 | 11,7 | 11,4 | 11,3 | 11 | 9,9 | 8,5 | 6,6 | | |
| KLME 80-600 M MCE11/C | 0,75 | 1 | | 5,6 | | | | | | | | 5,5 | 5,4 | 4,8 | 4,2 | 2,4 | |
| KLPE 80-1200 M MCE22/C ¹ | 1,84 | 2,5 | | 12,4 | | | | | | | | 11,8 | 11,1 | 10,7 | 10,2 | 8,9 | 6,5 |

* Head in max. frequency (60 Hz)

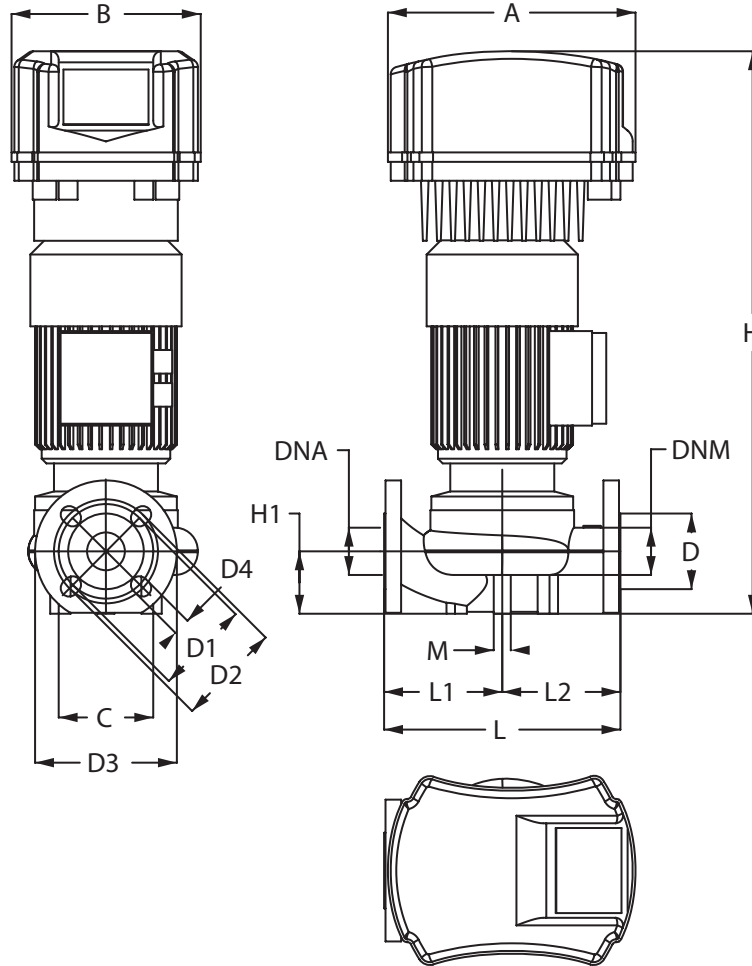
DKLME - DKLPE - HEATING SYSTEMS, AIR CONDITIONING, SOLAR PANEL AND DOMESTIC HOT WATER

| MODEL | P2 NOMINAL | | Q (m³/h) (l/min) | 0 | 4,8 | 6 | 7,2 | 8,4 | 12 | 14,4 | 16,8 | 18 | 24 | 30 | 36 | 48 | 60 |
|--------------------------------------|------------|------|---------------------|------|-----|------|------|------|------|------|------|------|------|------|------|-----|------|
| | kW | HP | | 0 | 80 | 100 | 120 | 140 | 200 | 240 | 280 | 300 | 400 | 500 | 600 | 800 | 1000 |
| DKLPE 40- 600 M MCE11/C | 0,37 | 0,5 | H* (m) | 9,1 | 8,2 | 7,7 | 7 | 6,3 | 3,6 | 1,3 | | | | | | | |
| DKLPE 40-1200 M MCE11/C | 0,55 | 0,75 | | 1,36 | 12 | 11,4 | 10,8 | 10,2 | 7,6 | 5,4 | 1,4 | | | | | | |
| DKLME 50-600 M MCE11/C | 0,25 | 0,33 | | 5,9 | | 5,4 | 5,2 | 5 | 4,3 | 3,7 | 2,9 | 2,5 | | | | | |
| DKLPE 50-1200 M MCE11/C | 0,75 | 1 | | 12,5 | | 11,9 | 11,7 | 11,6 | 10,9 | 10,2 | 9,3 | 8,9 | 6 | 3,2 | | | |
| DKLME 65-600 M MCE11/C | 0,37 | 0,5 | | 5,5 | | | | 5 | 4,7 | 4,4 | 4 | 3,8 | 2,7 | 1,2 | | | |
| DKLPE 65-1200 M MCE11/C ¹ | 1,1 | 1,5 | | 12,3 | | | | 12 | 11,7 | 11,4 | 11,3 | 11 | 9,9 | 8,5 | 6,6 | | |
| DKLME 80-600 M MCE11/C | 0,75 | 1 | | 5,6 | | | | | | | | 5,5 | 5,4 | 4,8 | 4,2 | 2,4 | |
| DKLPE 80-1200 M MCE22/C ¹ | 1,84 | 2,5 | | 12,4 | | | | | | | | 11,8 | 11,1 | 10,7 | 10,2 | 8,9 | 6,5 |

* Head in max. frequency (60 Hz)

DIMENSIONS AND WEIGHTS

KLME - KLPE



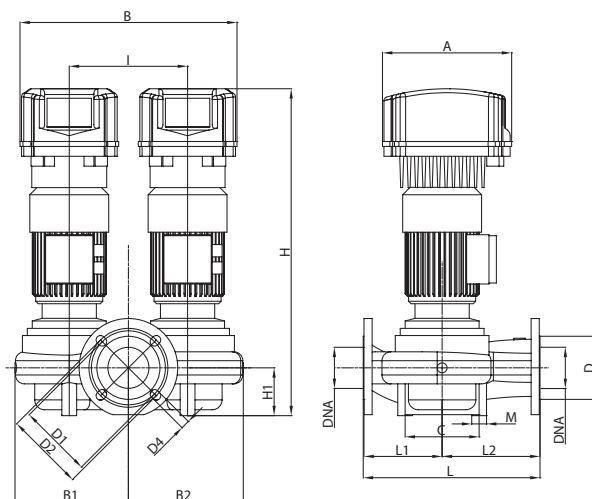
| MODEL | A | B | C | D | D1 | D2 | D3 | D4 | H | H1 | L | L1 | L2 | M | PACKING DIMENSIONS | | | WEIGHT KG |
|------------------------|-----|-----|-----|-----|-----|-----|-----|---------------------|-------------------|-----|-----|-----|-----|-------------------|--------------------|-----|-----|--------------|
| | | | | | | | | | | | | | | | L/A | L/B | H | |
| KLPE 40- 600 M MCE11/C | 262 | 200 | 100 | 80 | 100 | 110 | 150 | 4 slots 18x23 | 603 | 66 | 250 | 125 | 125 | 2 holes M10 | 500 | 270 | 660 | 26 |
| KLPE 40-1200 M MCE11/C | 262 | 200 | 100 | 80 | 100 | 110 | 150 | | 603 | 66 | 250 | 125 | 125 | | 500 | 270 | 660 | 26 |
| KLME 50-600 M MCE11/C | 262 | 200 | 100 | 90 | 110 | 125 | 165 | | 622 | 73 | 280 | 140 | 140 | | 500 | 270 | 660 | 31 |
| KLPE 50-1200 M MCE11/C | 262 | 200 | 100 | 90 | 110 | 125 | 165 | | 622 | 73 | 280 | 140 | 140 | | 500 | 270 | 660 | 33 |
| KLME 65-600 M MCE11/C | 262 | 200 | 100 | 110 | 130 | 145 | 185 | | 2 holes M12 | 641 | 82 | 340 | 170 | 170 | 500 | 270 | 660 | 37 |
| KLPE 65-1200 M MCE11/C | 262 | 200 | 100 | 110 | 130 | 145 | 185 | | | 641 | 82 | 340 | 170 | 170 | 500 | 270 | 660 | 43 |
| KLME 80-600 M MCE11/C | 262 | 200 | 115 | 128 | 150 | 160 | 200 | | | 671 | 97 | 360 | 190 | 170 | 520 | 400 | 710 | 47 |
| KLPE 80-1200 M MCE22/C | 262 | 200 | 115 | 128 | 150 | 160 | 200 | | | 746 | 97 | 360 | 190 | 170 | 520 | 400 | 710 | 47 |

KLME - KLPE / DKLME - DKLPE

ELECTRONIC IN-LINE PUMPS

DIMENSIONS AND WEIGHTS

DKLME - DKLPE



| MODEL | A | B | B1 | B2 | C | D | D1 | D2 | D3 | D4 | H | H1 | I | L | L1 | L2 | M | PACKING DIMENSIONS | | | WEIGHT KG |
|-------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------------------|-----|----|-----|-----|-----|-----|-------------------|--------------------|-----|-----|--------------|
| | | | | | | | | | | | | | | | | | | L/A | L/B | H | |
| DKLPE 40- 600 M MCE11/C | 262 | 400 | 185 | 187 | 100 | 80 | 100 | 110 | 150 | 4 slots 18x23 | 608 | 66 | 200 | 250 | 105 | 145 | 4 holes M14 | 500 | 270 | 660 | 56 |
| DKLPE 40-1200 M MCE11/C | 262 | 400 | 185 | 187 | 100 | 80 | 100 | 110 | 150 | | 608 | 66 | 200 | 250 | 105 | 145 | | 500 | 270 | 660 | 61 |
| DKLME 50-600 M MCE11/C | 262 | 400 | 217 | 217 | 120 | 90 | 110 | 125 | 165 | | 622 | 73 | 200 | 280 | 130 | 150 | | 520 | 400 | 710 | 76 |
| DKLPE 50-1200 M MCE11/C | 262 | 400 | 217 | 217 | 120 | 90 | 110 | 125 | 165 | | 622 | 73 | 200 | 280 | 130 | 150 | | 520 | 400 | 710 | 88 |
| DKLME 65-600 M MCE11/C | 262 | 440 | 226 | 229 | 140 | 110 | 130 | 145 | 185 | | 641 | 82 | 240 | 340 | 140 | 200 | | 520 | 400 | 710 | 80 |
| DKLPE 65-1200 M MCE11/C | 262 | 440 | 226 | 229 | 140 | 110 | 130 | 145 | 185 | | 641 | 82 | 240 | 340 | 140 | 200 | | 520 | 400 | 710 | 99 |
| DKLME 80-600 M MCE11/C | 262 | 440 | 230 | 233 | 150 | 128 | 150 | 160 | 200 | | 671 | 97 | 240 | 360 | 160 | 200 | | 520 | 400 | 710 | 96 |
| DKLPE 80-1200 M MCE22/C | 262 | 440 | 230 | 233 | 150 | 128 | 150 | 160 | 200 | | 746 | 97 | 240 | 360 | 160 | 200 | | 520 | 400 | 710 | 98 |

CME / CM-GE / DCME / DCM-GE

ELECTRONIC IN-LINE PUMPS



Circulation pumps with in-line ports, suitable for installation in heating and air conditioning, refrigeration, and domestic hot water systems. Extremely versatile thanks to the use of the **MCE/C** inverter, they offer performance capable of adapting automatically to the system's various demands while keeping pressure differentials unchanged. Available in single and twin version. PN 16 flanged inlet and delivery mouths, fitted with threaded holes for pressure gauges. Pump body and support in cast iron, impeller in cast iron or technopolymer depending on model (in bronze, on request, only from DN 65 to DN 150). Stainless steel drive shaft. Sealing device: standardised mechanical seal made to DIN 24960 in carbon / carborundum with O' rings in EPDM. 4-pole three-phase induction motor with external cooling. Rotor running on ball bearings, oversized to ensure low noise and durability. Constructed following the CEI 2-3 standards.



Operating range from 1.2 to 360 m³/h with head up to 34 meters.

Liquid temperature range
from -10°C to +130°C for DN 40 -50
from -10°C to +140°C for rest of the range

Liquid quality requirements clean, free from solids or abrasive substances, non viscous, non aggressive, non crystallised and chemically neutral and close to the characteristics of water.

Installation Fixed, horizontal or vertical provided the motor is always above the pump.

Maximum ambient temperature +40°C

Maximum working pressure 16 bar

Protection rating IP 55

Insulation Class F

Flanging PN 16

Counter-flanges on request

DN 40 - DN 50 - DN 65 - DN 80 - DN 100 -
DN 125 - DN 150; PN 16.

TECHNICAL DATA - CME/CM-GE SINGLE WITH FLANGES

4 poles

| MODEL | ELECTRICAL DATA | | | | | DNA | DNM |
|--|------------------|-------------|------------|------|---------|-----|-----|
| | VOLTAGE 60 Hz | P1 MAX W | P2 NOMINAL | | In A | | |
| | | | kW | HP | | | |
| CME 40- 870 M MCE11/C | 1x220-240V ~ | 0,54 | 0,75 | 1 | 5,4 | 40 | 40 |
| CME 40-1450 M MCE11/C ¹ | 1x220-240V ~ | 1,26 | 0,9 | 1,2 | 10,0 | 40 | 40 |
| CME 50-1000 M MCE11/C | 1x220-240V ~ | 0,67 | 0,75 | 1 | 6,2 | 50 | 50 |
| CME 50-1420 M MCE11/C ¹ | 1x220-240V ~ | 1,47 | 1,1 | 1,5 | 11,3 | 50 | 50 |
| CM-GE 65-660/A/BAQE/0.55 M MCE11/C | 1x220-240V ~ | 0,84 | 0,55 | 0,75 | 7,3 | 65 | 65 |
| CM-GE 65 1200/A/BAQE/1.5 M MCE15/C ¹ | 1x220-240V ~ | 2,00 | 1,5 | 2 | 14,7 | 65 | 65 |
| CM-GE 65-2380/A/BAQE/4 T MCE55/C | 3x460V ~ | 4,94 | 4 | 5,5 | 9,3 | 65 | 65 |
| CM-GE 80- 650/A/BAQE/0.75 M MCE11/C ¹ | 1x220-240V ~ | 1,16 | 0,75 | 1 | 9,3 | 80 | 80 |
| CM-GE 80- 890/A/BAQE/1.5 M MCE15/C ¹ | 1x220-240V ~ | 2,00 | 1,5 | 2 | 14,7 | 80 | 80 |
| CM-GE 80 1530/A/BAQE/3 T MCE30/C | 3x460V ~ | 4,20 | 3 | 4 | 7,8 | 80 | 80 |
| CM-GE 80-1700/A/BAQE/4 T MCE55/C | 3x460V ~ | 6,09 | 4 | 5,5 | 11,6 | 80 | 80 |
| CM-GE 80-2700/A/BAQE/7.5 T MCE110/C | 3x460V ~ | 9,35 | 7,5 | 10 | 18,2 | 80 | 80 |
| CM-GE 80-3420/A/BAQE/11 T MCE110/C | 3x460V ~ | 15,24 | 11 | 15 | 30,2 | 80 | 80 |

¹Three-phase versions available on request

CME / CM-GE / DCME / DCM-GE

ELECTRONIC IN-LINE PUMPS

TECHNICAL DATA - CME/CM-GE *SINGLES WITH FLANGES*

4 poles

| MODEL | ELECTRICAL DATA | | | | In A | DNA | DNM |
|---|------------------|-------------|------------|-----|---------|-----|-----|
| | VOLTAGE 60 Hz | P1 MAX W | P2 NOMINAL | | | | |
| | | | kW | HP | | | |
| CM-GE 100-865/A/BAQE/2,2 M MCE22/C ¹ | 1x220-240V ~ | 2,00 | 1,5 | 2 | 14,7 | 100 | 100 |
| CM-GE 100-1020/A/BAQE/3 T MCE30/C | 3x460V ~ | 4,20 | 3 | 4 | 7,8 | 100 | 100 |
| CM-GE 100-1320/A/BAQE/4 T MCE55/C | 3x460V ~ | 6,09 | 4 | 5,5 | 11,6 | 100 | 100 |
| CM-GE 100-1650/A/BAQE/5,5 T MCE55/C | 3x460V ~ | 7,04 | 5,5 | 7,5 | 13,5 | 100 | 100 |
| CM-GE 100-2050/A/BAQE/7,5 T MCE110/C | 3x460V ~ | 9,35 | 7,5 | 10 | 18,2 | 100 | 100 |
| CM-GE 125-1270/A/BAQE/5,5 T MCE55/C | 3x460V ~ | 7,04 | 5,5 | 7,5 | 13,5 | 125 | 125 |
| CM-GE 125-1560/A/BAQE/7,5 T MCE110/C | 3x460V ~ | 9,35 | 7,5 | 10 | 18,2 | 125 | 125 |
| CM-GE 125-2100/A/BAQE/11 T MCE110/C | 3x460V ~ | 15,19 | 11 | 15 | 30,1 | 125 | 125 |
| CM-GE 125-2550/A/BAQE/15 T MCE150/C | 3x460V ~ | 19,57 | 15 | 20 | 39,0 | 125 | 125 |
| CM-GE 150-1600/A/BAQE/11 T MCE110/C | 3x460V ~ | 13,02 | 11 | 15 | 25,7 | 150 | 150 |

¹Three-phase versions available on request

TECHNICAL DATA - DCME *TWIN WITH FLANGES*

4 poles

| MODEL | ELECTRICAL DATA | | | | In A | DNA | DNM |
|-----------------------|------------------|-------------|------------|------|---------|-----|-----|
| | VOLTAGE 60 Hz | P1 MAX W | P2 NOMINAL | | | | |
| | | | kW | HP | | | |
| DCME 40-620 M MCE11/C | 1x220-240V ~ | 0,43 | 0,25 | 0,35 | 4,7 | 40 | 40 |
| DCME 50-460 M MCE11/C | 1x220-240V ~ | 0,43 | 0,25 | 0,35 | 4,7 | 50 | 50 |
| DCME 50-880 M MCE11/C | 1x220-240V ~ | 0,83 | 0,5 | 0,67 | 7,2 | 50 | 50 |

CME / CM-GE / DCME / DCM-GE

ELECTRONIC IN-LINE PUMPS

TECHNICAL DATA - DCM-GE *TWIN WITH FLANGES*

4 poles

| MODEL | ELECTRICAL DATA | | | | In A | DNA | DNM |
|---|------------------|-------------|------------|------|---------|-----|-----|
| | VOLTAGE 60 Hz | P1 MAX W | P2 NOMINAL | | | | |
| | | | kW | HP | | | |
| DCM-GE 65- 660/A/BAQE/0.55 M MCE11/C IE2 | 1x220-240 V ~ | 0,54 | 0,75 | 1 | 5,4 | 40 | 40 |
| DCM-GE 65-1200/A/BAQE/1.5M MCE15/C IE2 | 1x220-240 V ~ | 1,26 | 0,9 | 1,2 | 10,0 | 40 | 40 |
| DCM-GE 65-1200/A/BAQE/1.5 T MCE30/C IE2 | 1x220-240 V ~ | 0,67 | 0,75 | 1 | 6,2 | 50 | 50 |
| DCM-GE 65-2380/A/BAQE/4 T MCE30/C IE2 | 1x220-240 V ~ | 1,47 | 1,1 | 1,5 | 11,3 | 50 | 50 |
| DCM-GE 80- 650/A/BAQE/0.75 M IE2 MCE11/C | 1x220-240 V ~ | 0,84 | 0,55 | 0,75 | 7,3 | 65 | 65 |
| DCM-GE 80- 650/A/BAQE/0.75 T MCE30/C IE2 | 1x220-240 V ~ | 2,00 | 1,5 | 2 | 14,7 | 65 | 65 |
| DCM-GE 80- 890/A/BAQE/1.5 M MCE15/C IE2 | 3x460 V ~ | 4,94 | 4 | 5,5 | 9,3 | 65 | 65 |
| DCM-GE 80- 890/A/BAQE/1.5 T MCE30/C IE2 | 1x220-240 V ~ | 1,16 | 0,75 | 1 | 9,3 | 80 | 80 |
| DCM-GE 80-1530/A/BAQE/3T MCE30/C IE2 | 1x220-240 V ~ | 2,00 | 1,5 | 2 | 14,7 | 80 | 80 |
| DCM-GE 80-1700/A/BAQE/4 T MCE30/C IE2 | 3x460 V ~ | 4,20 | 3 | 4 | 7,8 | 80 | 80 |
| DCM-GE 80-2700/A/BAQE/7.5 T MCE110/C IE2 | 3x460 V ~ | 6,09 | 4 | 5,5 | 11,6 | 80 | 80 |
| DCM-GE 80-3420/A/BAQE/11 T MCE110/C IE2 | 3x460 V ~ | 9,35 | 7,5 | 10 | 18,2 | 80 | 80 |
| DCM-GE 100- 865/A/BAQE/ 2,2 M MCE22/C IE2 | 3x460 V ~ | 15,24 | 11 | 15 | 30,2 | 80 | 80 |
| DCM-GE 100- 865/A/BAQE/ 2,2 T MCE22/C IE2 | 1x220-240 V ~ | 2,00 | 1,5 | 2 | 14,7 | 100 | 100 |
| DCM-GE 100-1020/A/BAQE/3 T MCE30/C IE2 | 3x460 V ~ | 4,20 | 3 | 4 | 7,8 | 100 | 100 |
| DCM-GE 100-1320/A/BAQE/4 T MCE55/C IE2 | 3x460 V ~ | 6,09 | 4 | 5,5 | 11,6 | 100 | 100 |
| DCM-GE 100-1650/A/BAQE/5,5T MCE55/C IE2 | 3x460 V ~ | 7,04 | 5,5 | 7,5 | 13,5 | 100 | 100 |
| DCM-GE 100-2050/A/BAQE/7,5 T MCE110/C IE2 | 3x460 V ~ | 9,35 | 7,5 | 10 | 18,2 | 100 | 100 |
| DCM-GE 125-1270/A/BAQE/5.5 T MCE55/C IE2 | 3x460 V ~ | 7,04 | 5,5 | 7,5 | 13,5 | 125 | 125 |
| DCM-GE 125-1560/A/BAQE/7.5 T MCE110/C IE2 | 3x460 V ~ | 9,35 | 7,5 | 10 | 18,2 | 125 | 125 |
| DCM-GE 125-2100/A/BAQE/11 T MCE110/C IE2 | 3x460 V ~ | 15,19 | 11 | 15 | 30,1 | 125 | 125 |
| DCM-GE 125-2550/A/BAQE/15 T MCE150/C IE2 | 3x460 V ~ | 19,57 | 15 | 20 | 39,0 | 125 | 125 |
| DCM-GE 150-1600/A/BAQE/11 T IE2 MCE110/C | 3x460 V ~ | 13,02 | 11 | 15 | 25,7 | 150 | 150 |

¹Three-phase versions available on request

CME / CM-GE / DCME / DCM-GE ELECTRONIC IN-LINE PUMPS

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

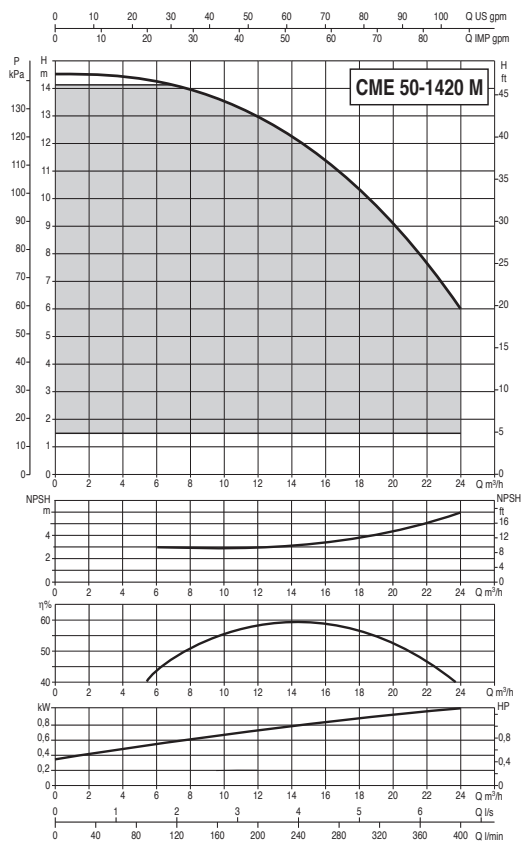
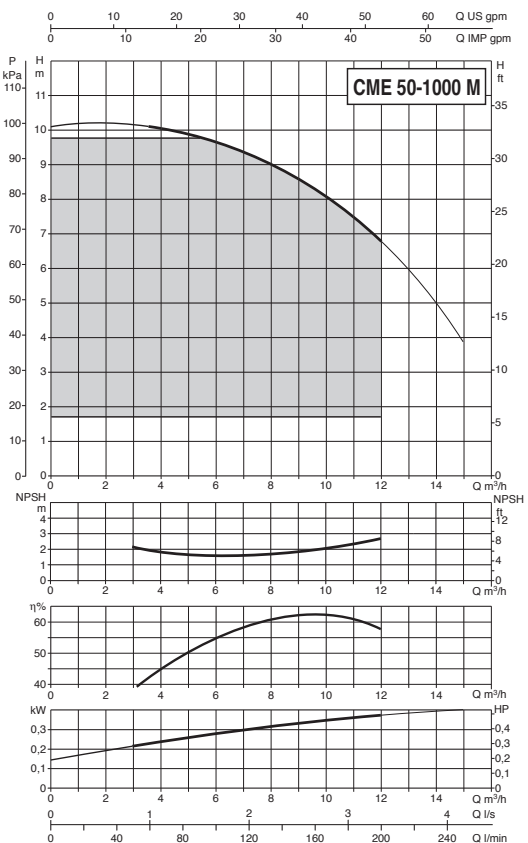
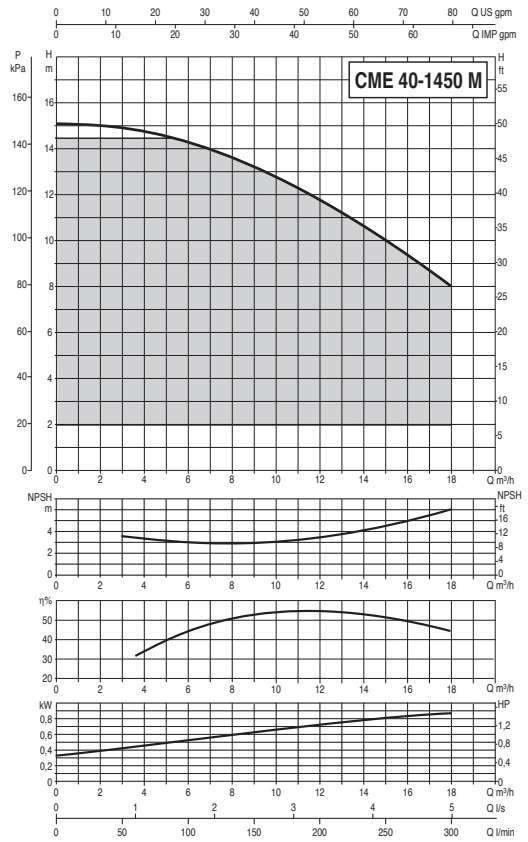
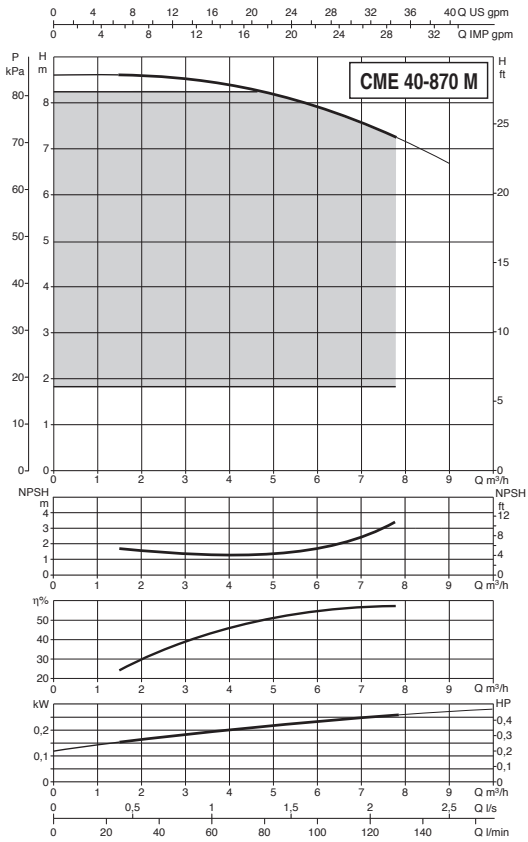
SWIMMING POOL, POND AND SALT WATER PUMPS

CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS



The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

CME / CM-GE / DCME / DCM-GE ELECTRONIC IN-LINE PUMPS

DCONNECT

COMMAND AND
CONTROL SYSTEMS

CIRCULATORS AND
IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL
AND SELF-PRIMING PUMPS

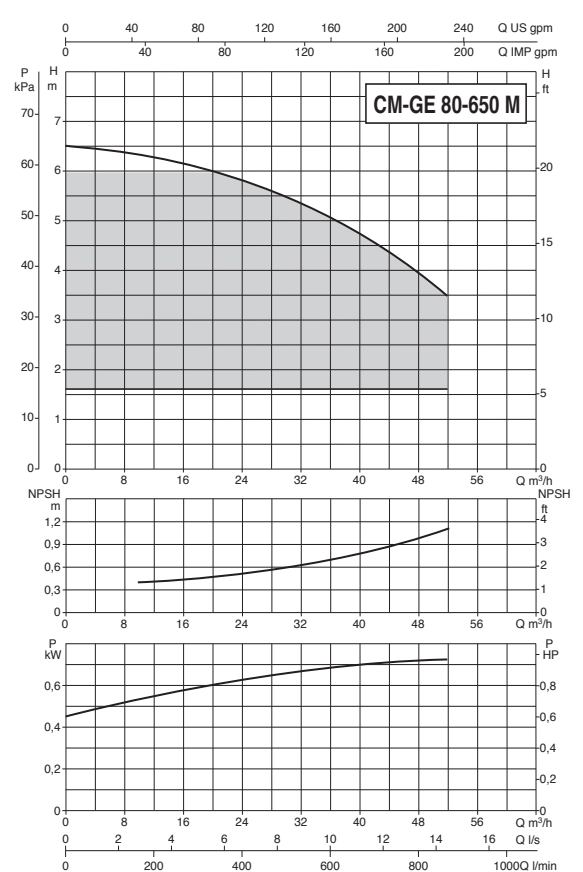
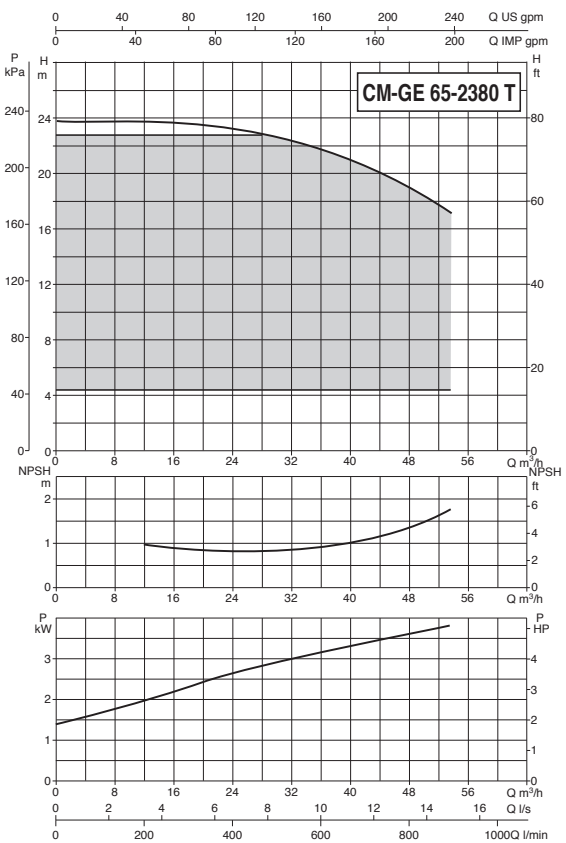
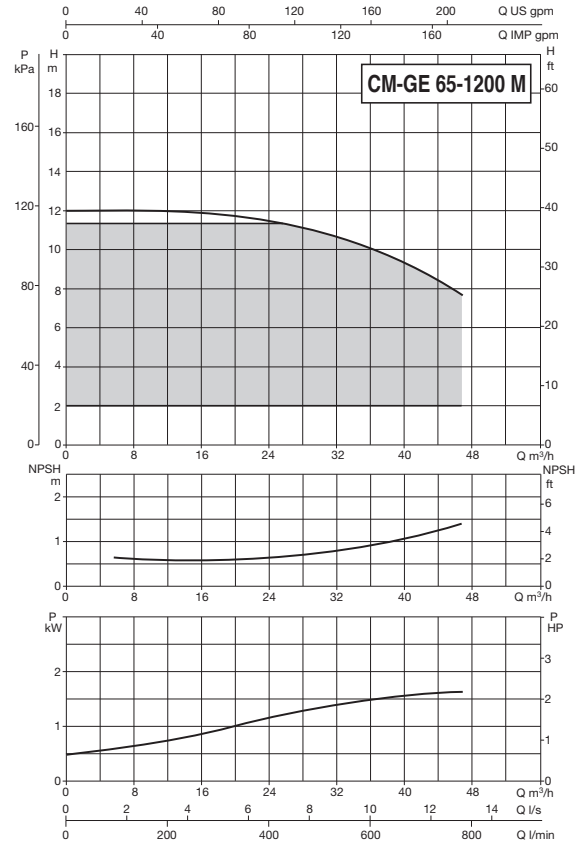
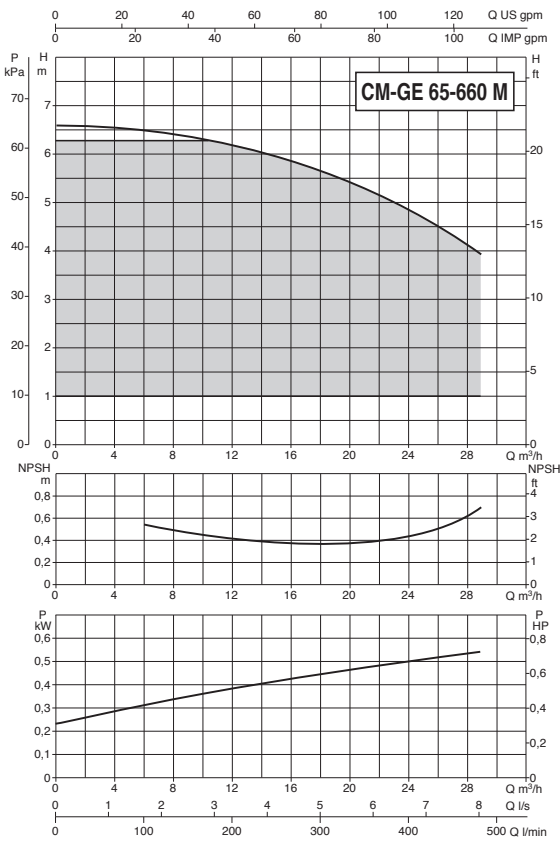
SWIMMING POOL, POND AND
SALT WATER PUMPS

CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS
AND SUBMERSIBLE MOTORS

PRESSURE UNITS



The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

CME / CM-GE / DCME / DCM-GE

ELECTRONIC IN-LINE PUMPS

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

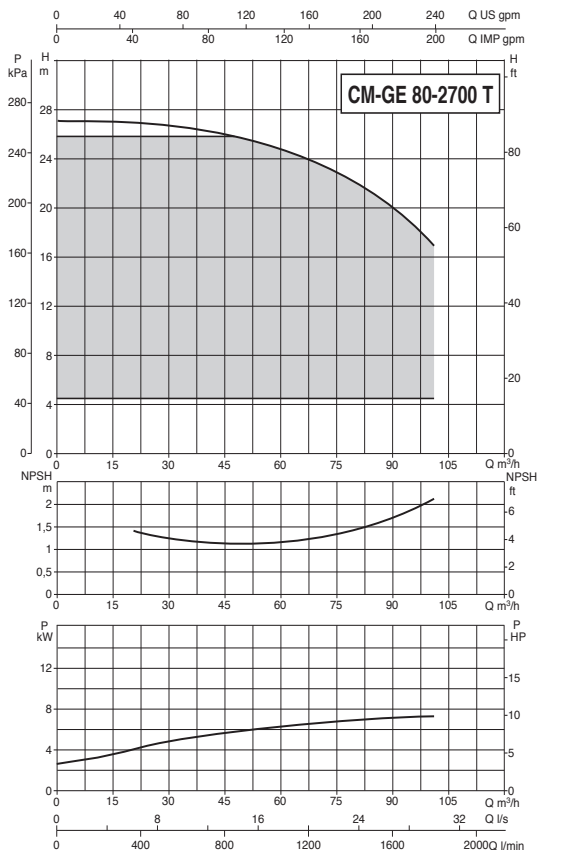
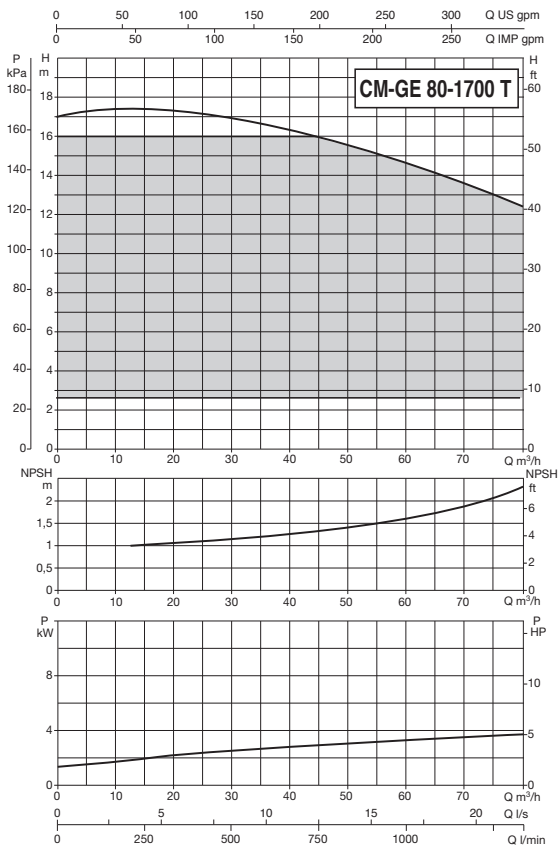
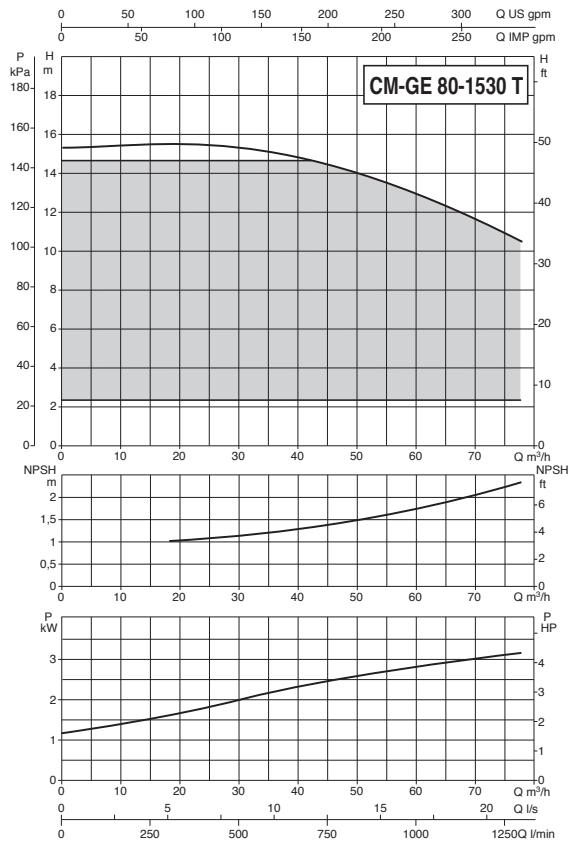
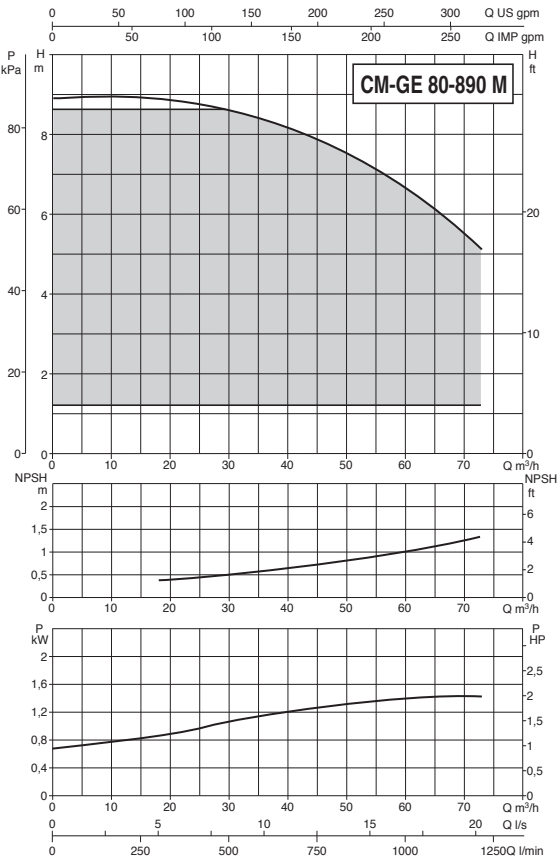
SWIMMING POOL, POND AND SALT WATER PUMPS

CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS



The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

CME / CM-GE / DCME / DCM-GE ELECTRONIC IN-LINE PUMPS

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

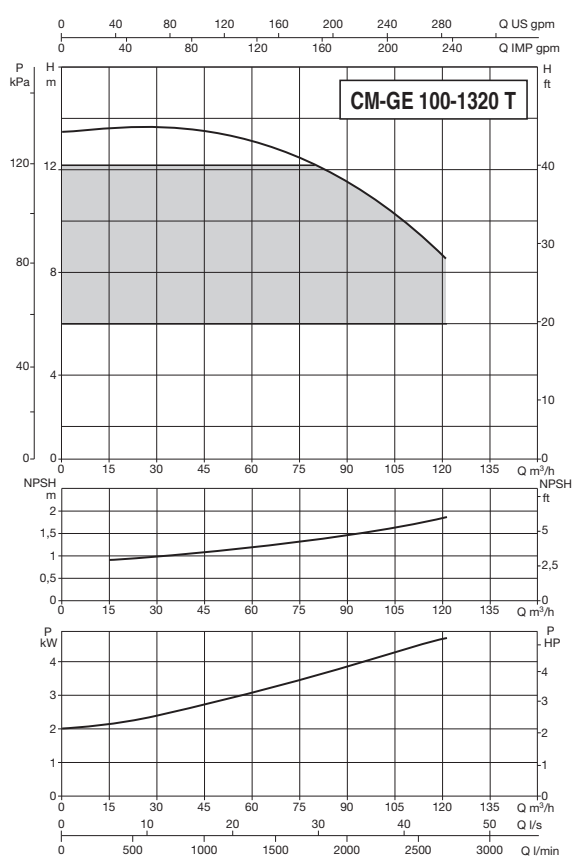
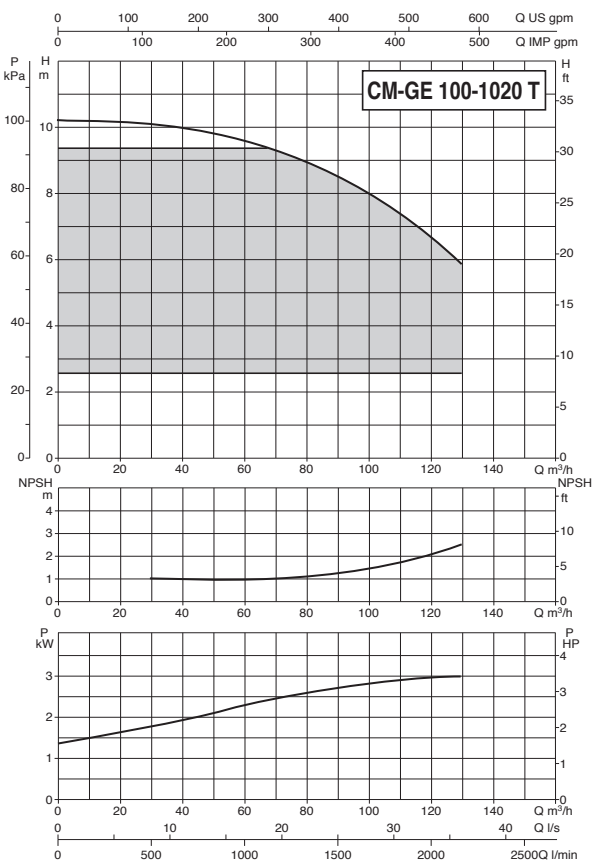
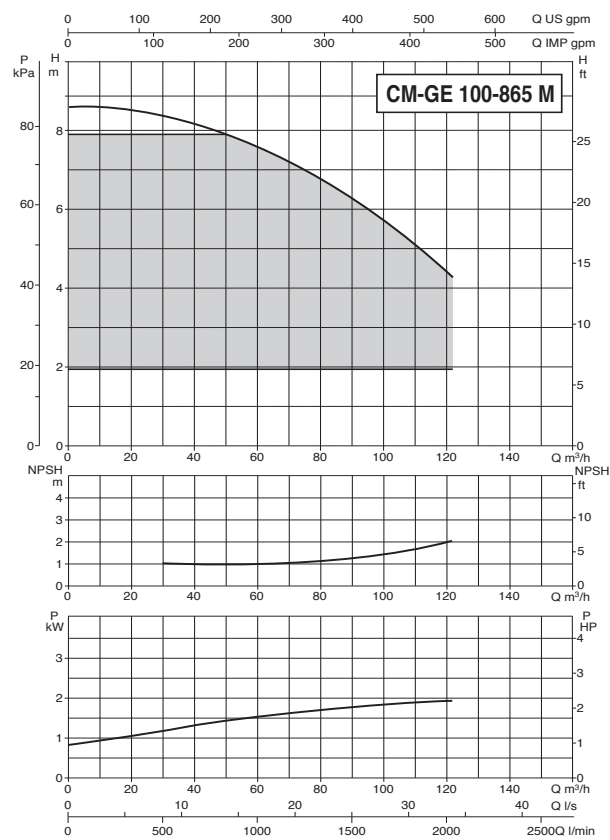
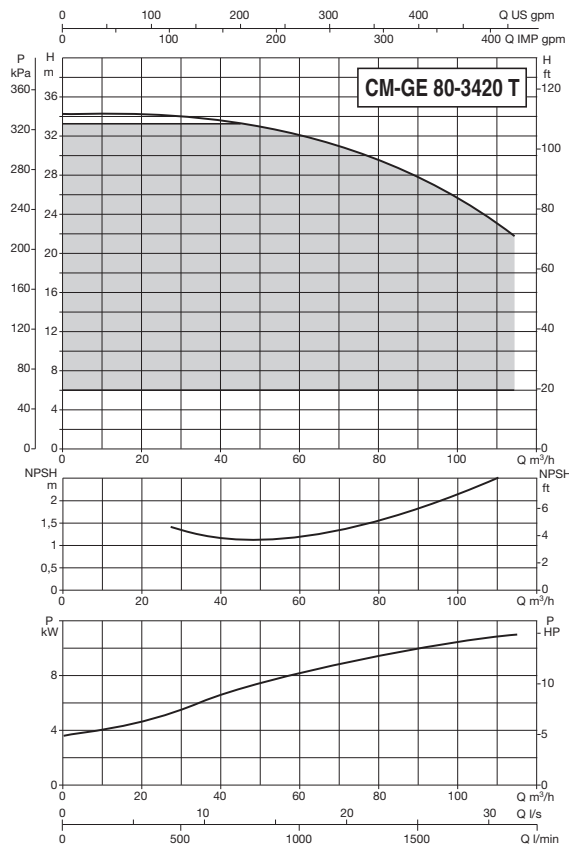
SWIMMING POOL, POND AND SALT WATER PUMPS

CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS



The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

CME / CM-GE / DCME / DCM-GE

ELECTRONIC IN-LINE PUMPS

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

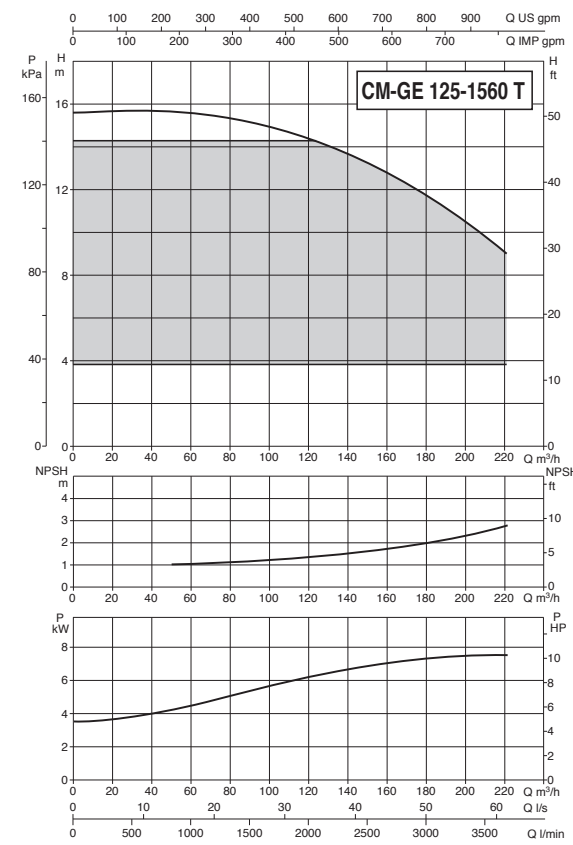
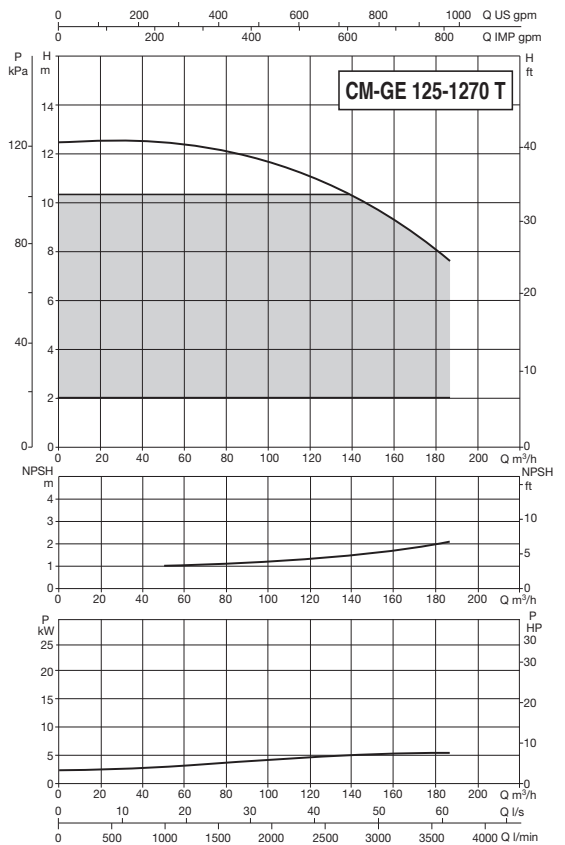
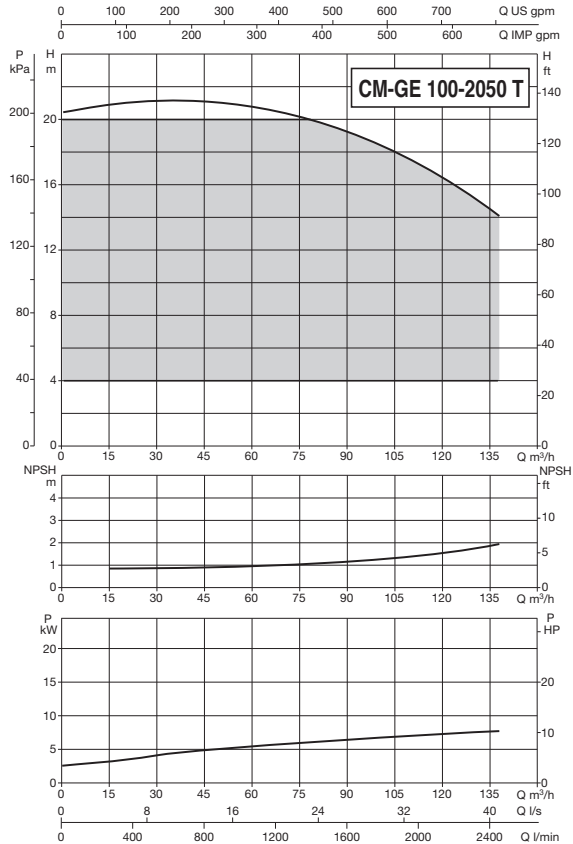
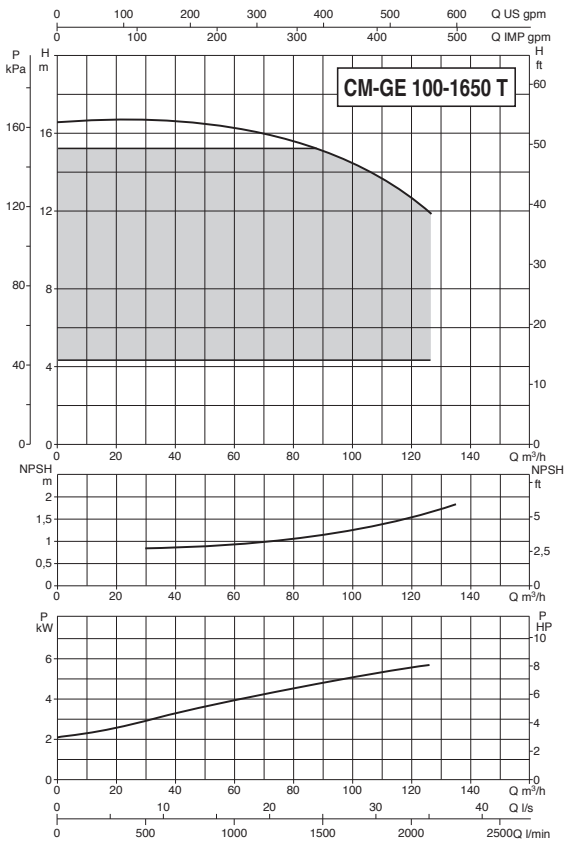
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MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

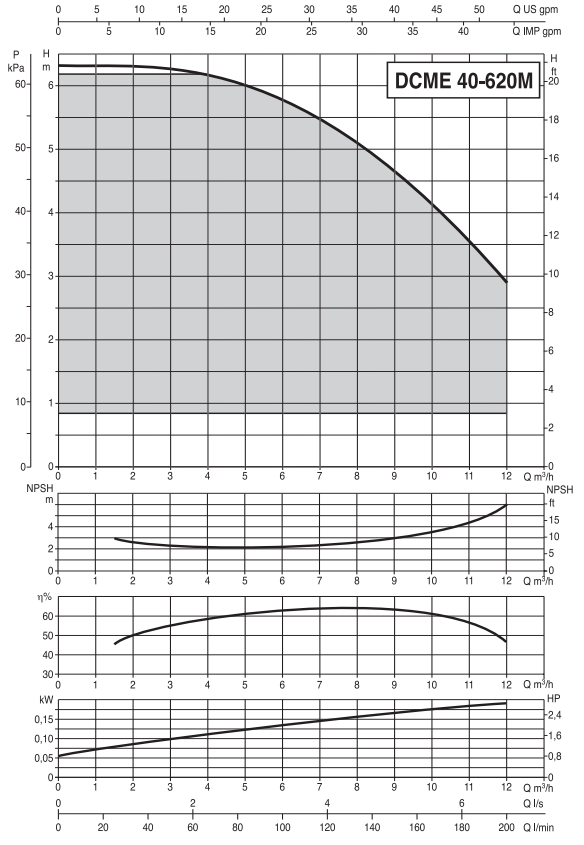
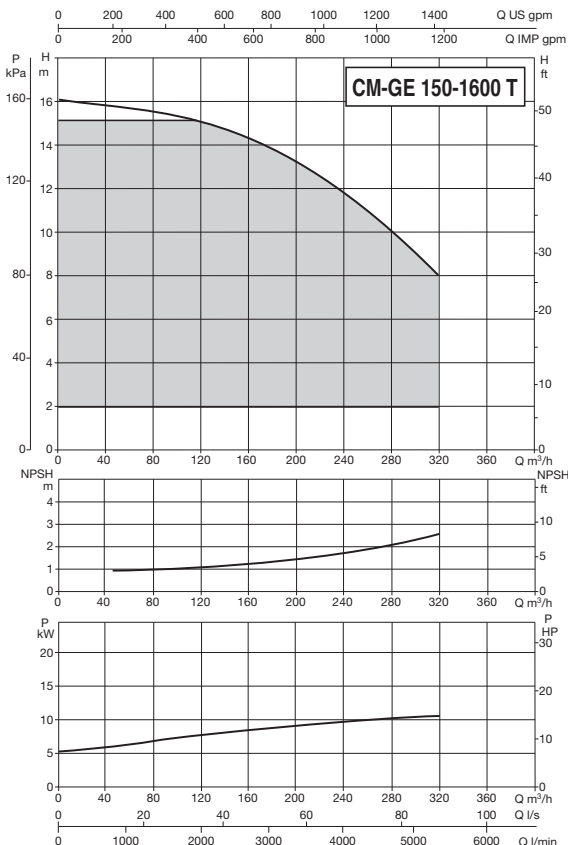
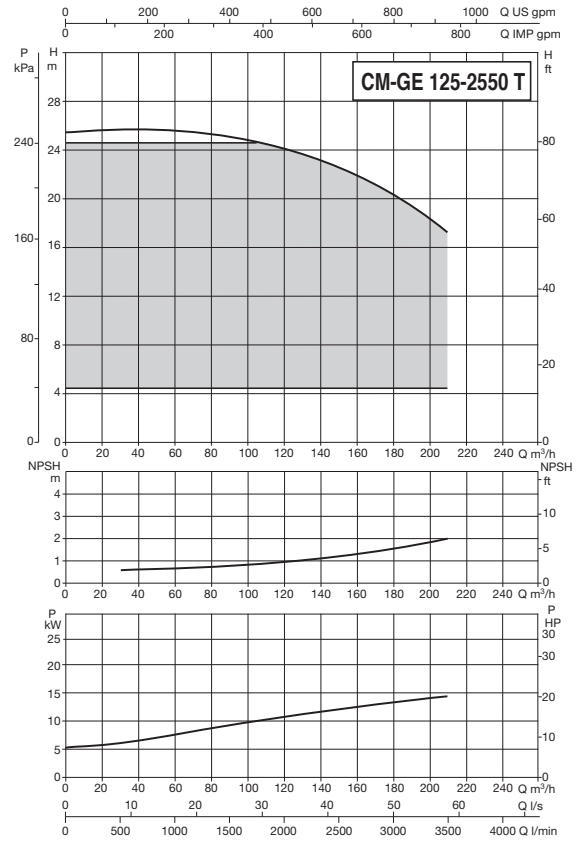
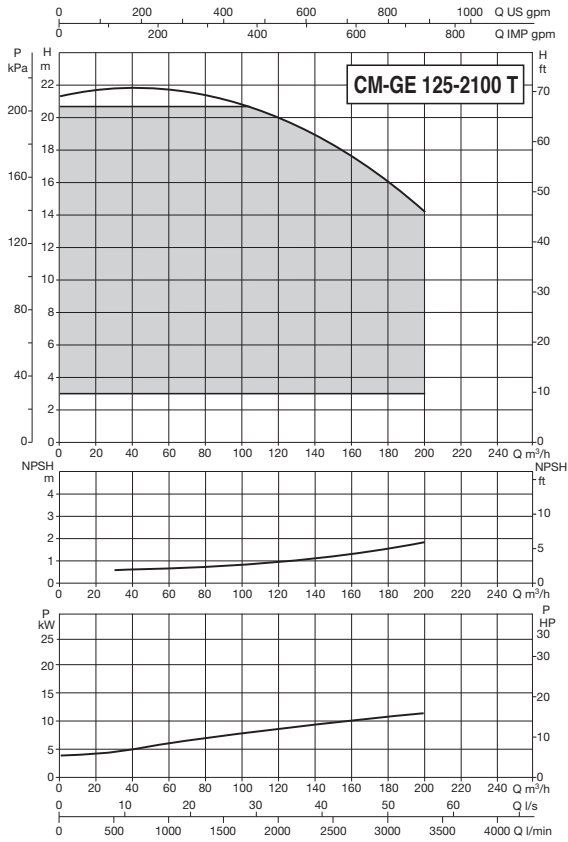
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ELECTRONIC IN-LINE PUMPS

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COMMAND AND CONTROL SYSTEMS

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MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

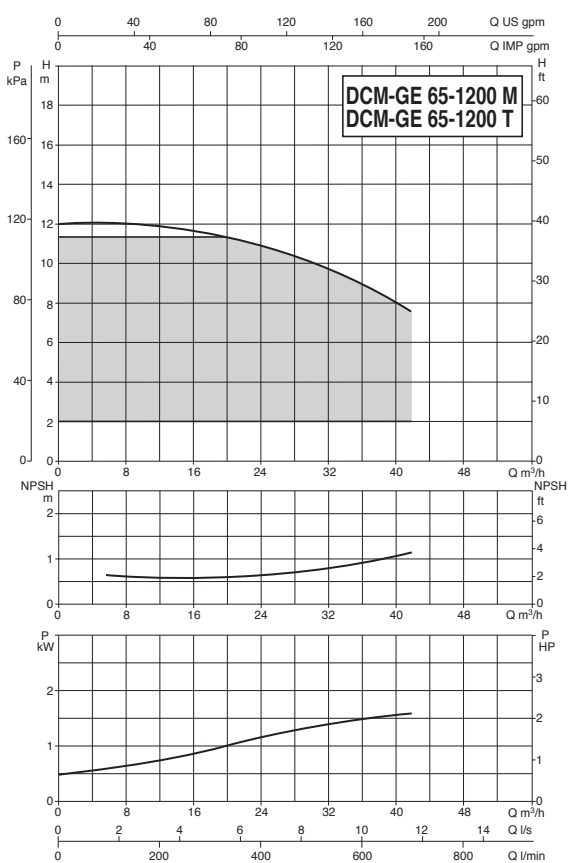
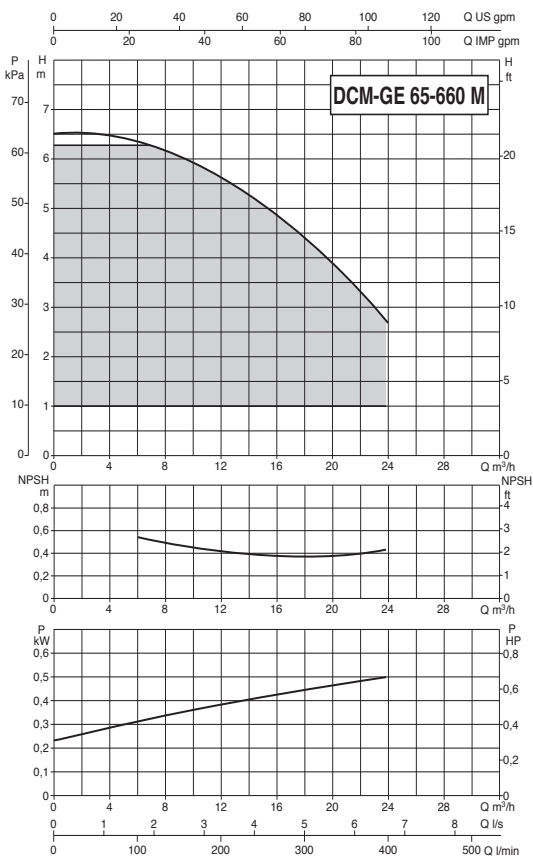
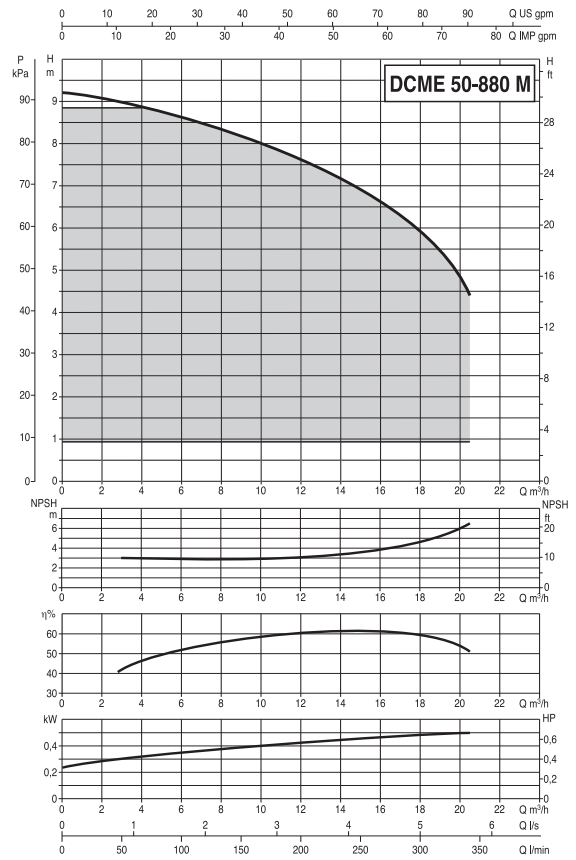
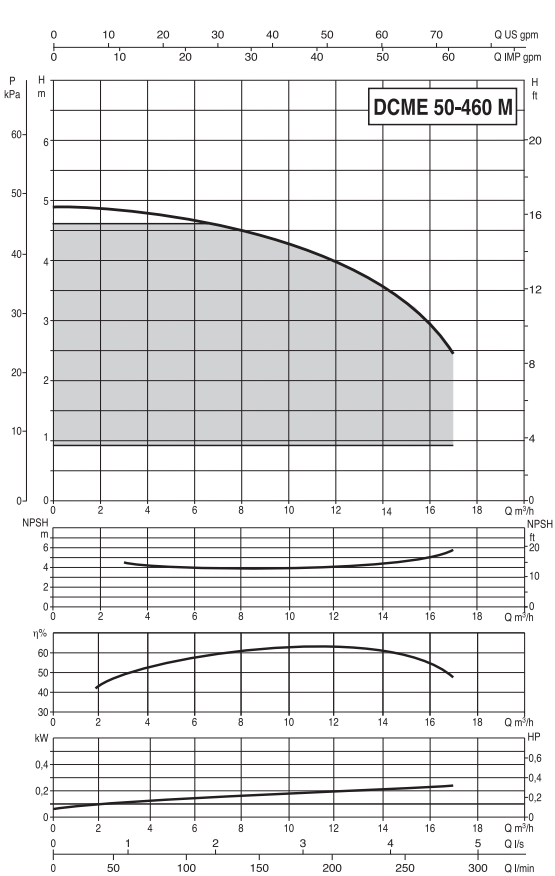
SWIMMING POOL, POND AND SALT WATER PUMPS

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CME / CM-GE / DCME / DCM-GE ELECTRONIC IN-LINE PUMPS

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

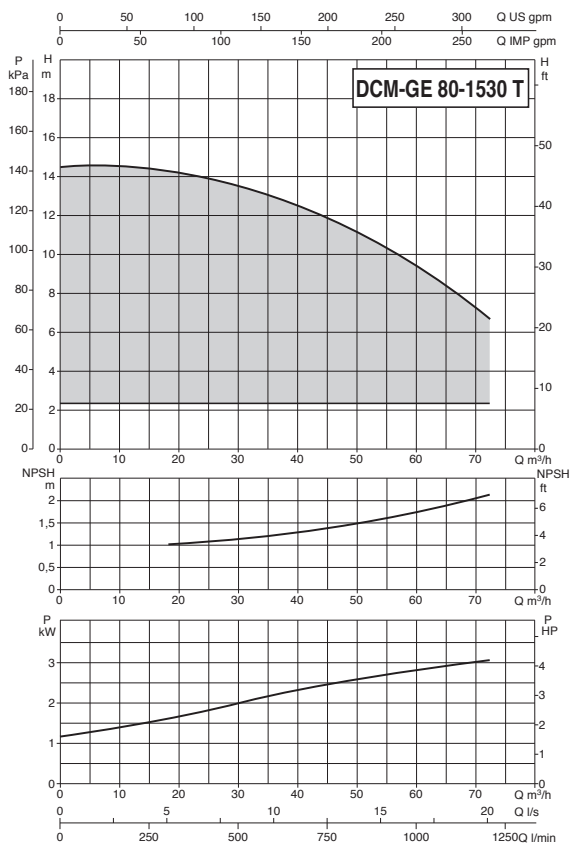
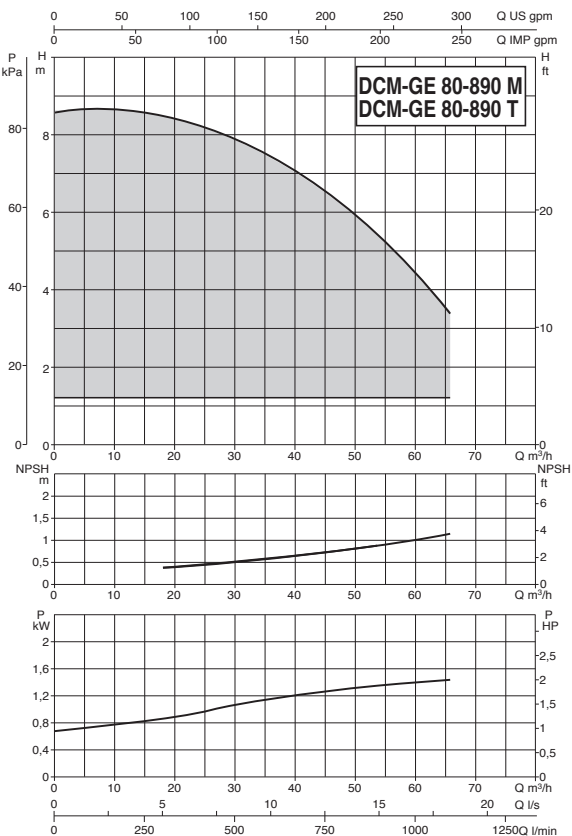
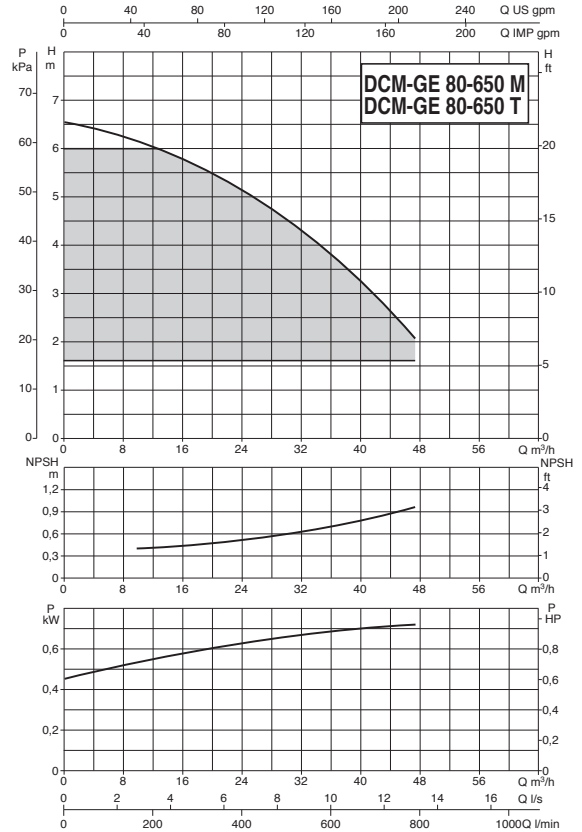
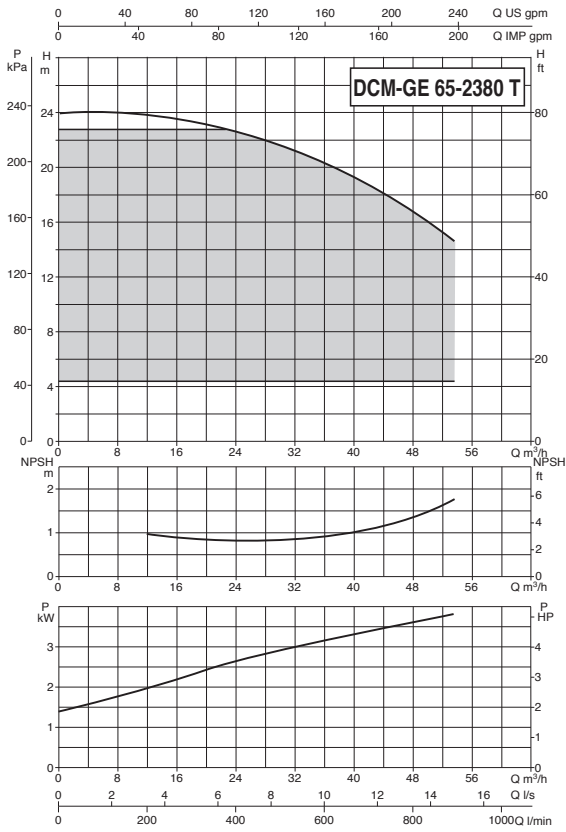
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CME / CM-GE / DCME / DCM-GE ELECTRONIC IN-LINE PUMPS

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

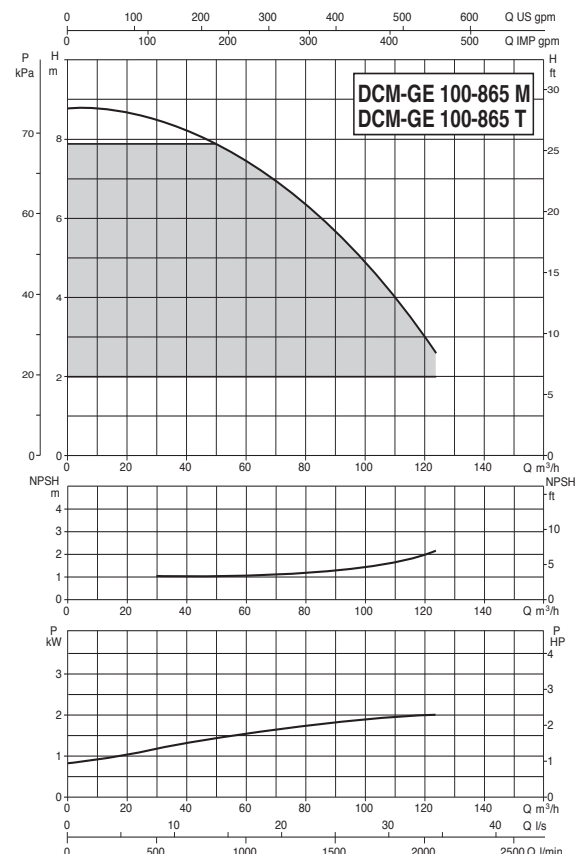
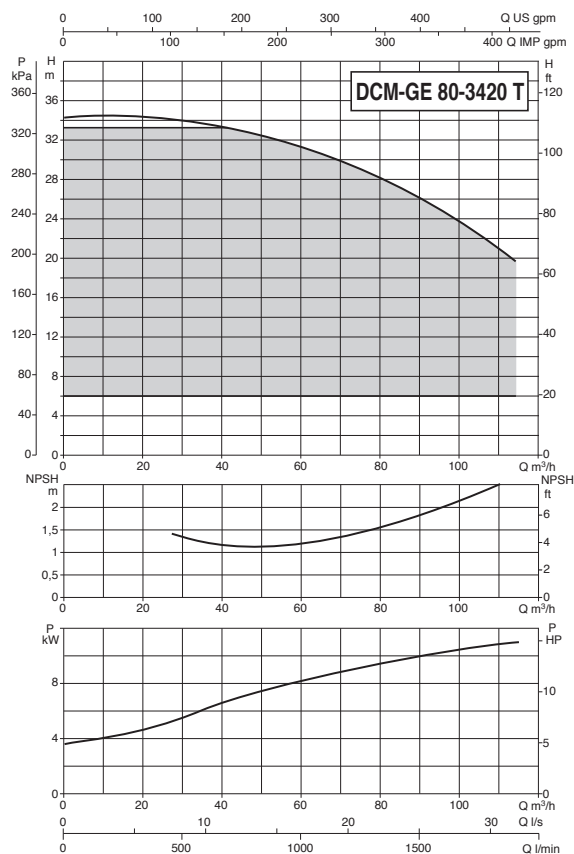
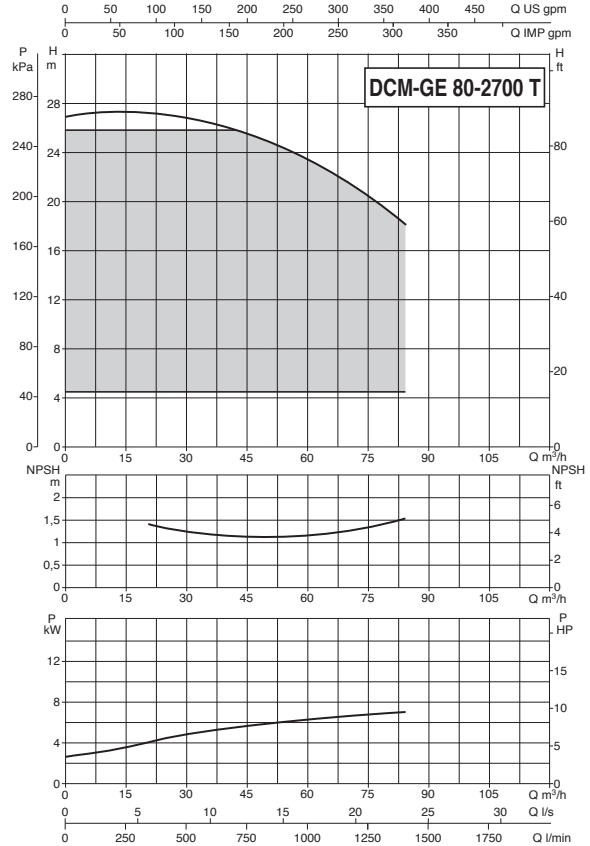
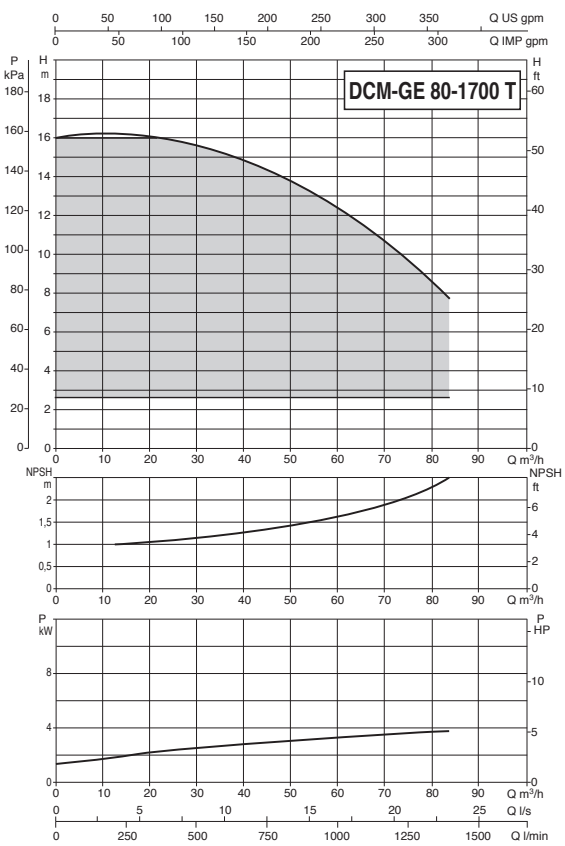
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CME / CM-GE / DCME / DCM-GE

ELECTRONIC IN-LINE PUMPS

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COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

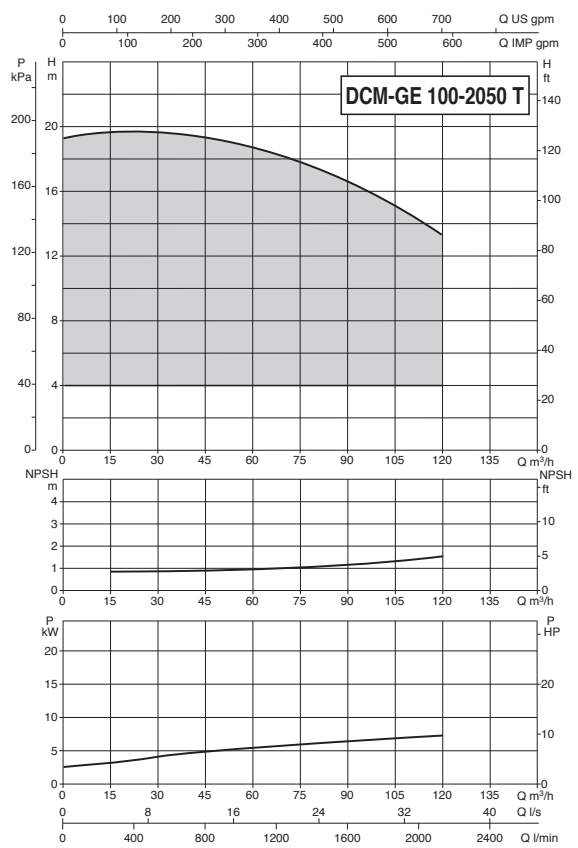
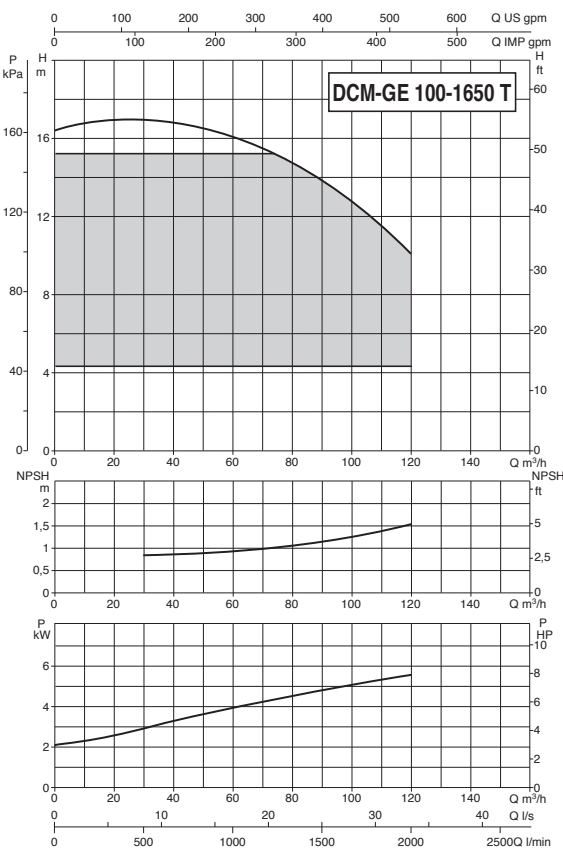
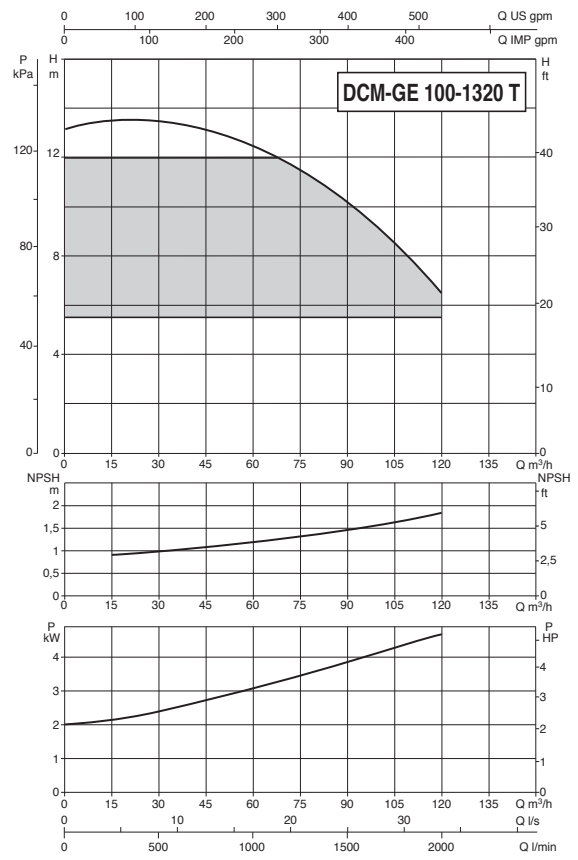
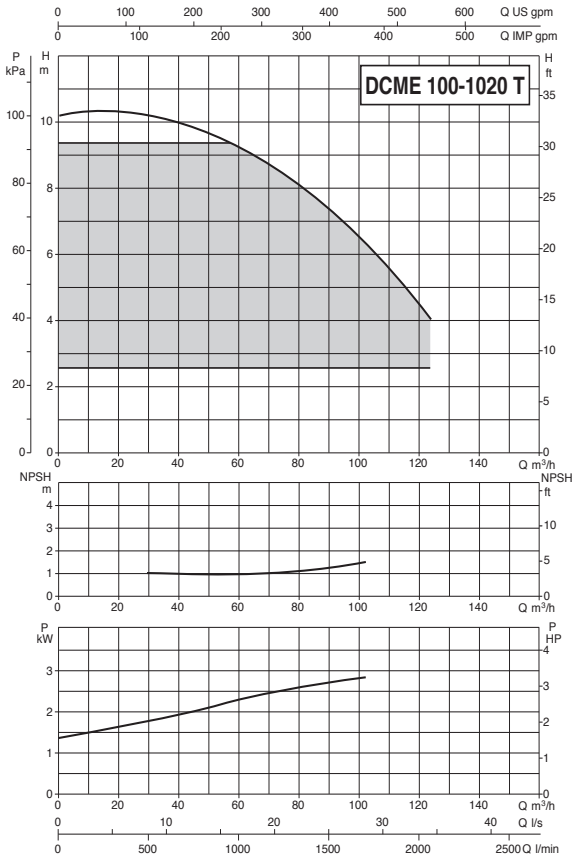
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PRESSURE UNITS



CME / CM-GE / DCME / DCM-GE

ELECTRONIC IN-LINE PUMPS

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

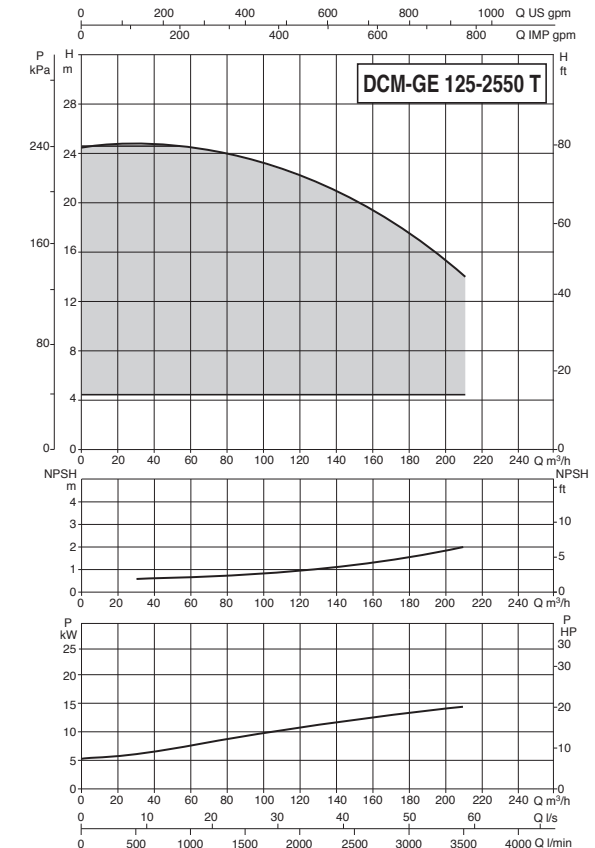
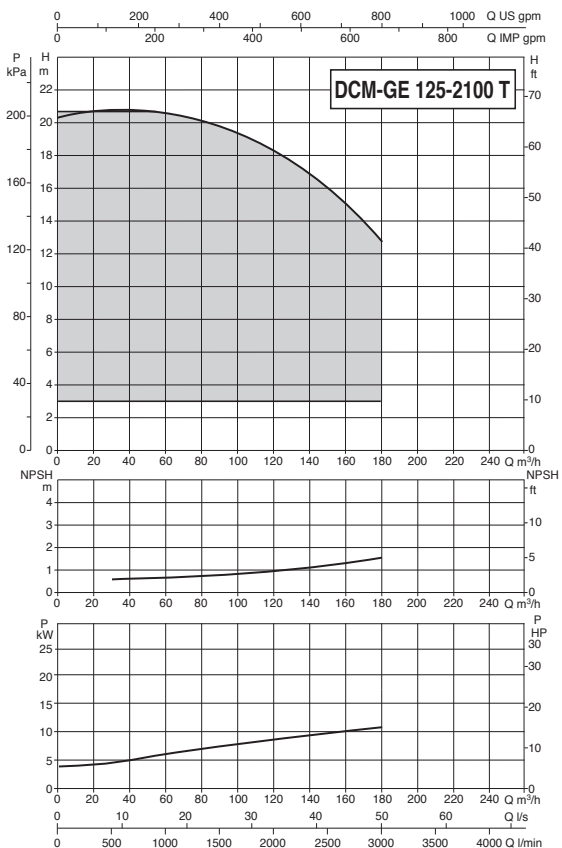
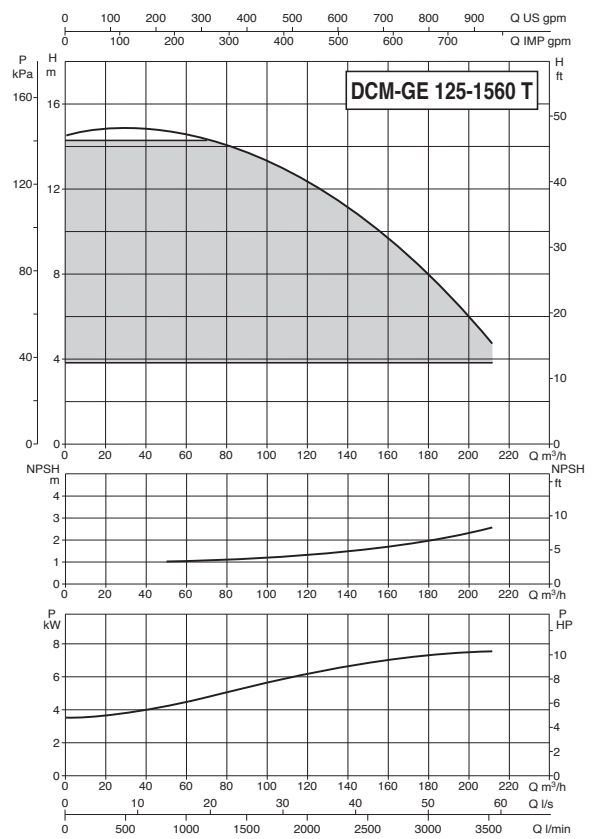
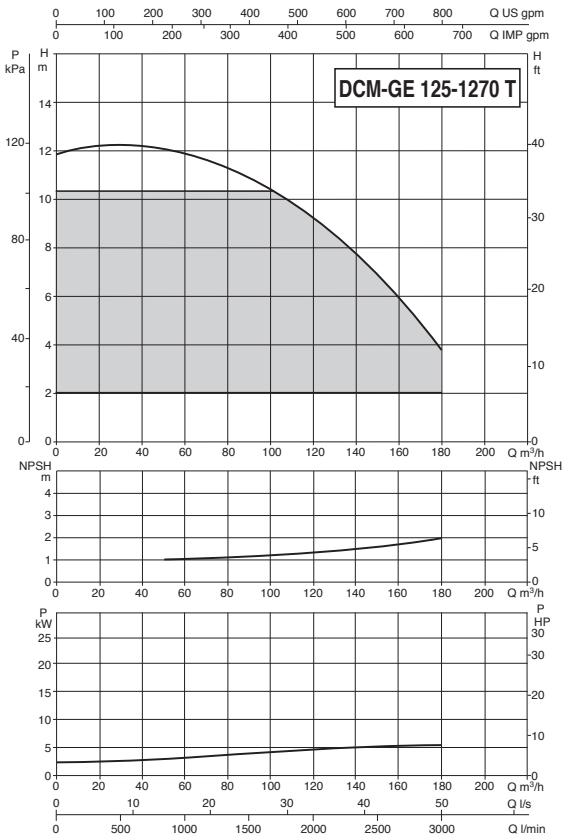
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CME / CM-GE / DCME / DCM-GE

ELECTRONIC IN-LINE PUMPS

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

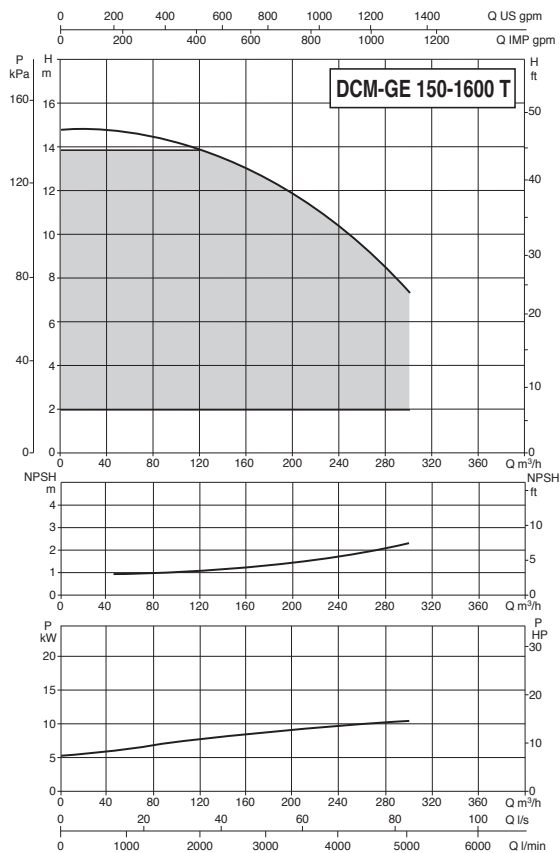
SWIMMING POOL, POND AND SALT WATER PUMPS

CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS



CME / CM-GE / DCME / DCM-GE

PERFORMANCE RANGE

CME - CM-GE - HEATING SYSTEMS, AIR CONDITIONING, SOLAR PANEL AND DOMESTIC HOT WATER

| MODEL | P2 NOMINAL | | Q (m³/h) (l/min) | 0 | 1,2 | 2,4 | 3 | 3,6 | 4,5 | 4,8 | 6 | 12 | 18 | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | 72 | 78 | 84 | 90 | 102 | 114 | 120 | 150 | 180 | 210 | 240 | 250 | 270 | 330 | 360 | 390 | 420 | | | |
|--------------------------------------|------------|------|---------------------|------|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|
| | kW | HP | | 0 | 20 | 40 | 50 | 60 | 75 | 80 | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1700 | 1900 | 2000 | 2500 | 3000 | 3500 | 4000 | 4167 | 4500 | 5500 | 6000 | 6500 | 7000 | | | |
| CME 40- 870 M MCE11/C | 0,7 | 1 | | 8,7 | 8,7 | 8,6 | 8,6 | 8,5 | 8,3 | 8,2 | 7,9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CME 40-1450 M MCE11/C | 0,9 | 1,3 | | | | | | 14,5 | 14,4 | 14,3 | 11,8 | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CME 50-1000 M MCE11/C | 0,7 | 1 | | | | | 10,1 | 10 | 9,8 | 9,6 | 6,8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CME 50-1420 M MCE11/C | 1,1 | 1,5 | | | | | | | | 14,2 | 13 | 10 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CM-GE 65- 660/A/BAQE/0,55 M MCE11/C | 0,55 | 0,75 | | 6,6 | | | | | | 6,5 | 6,2 | 5,7 | 4,8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CM-GE 65-1200/A/BAQE/1,5 M MCE15/C | 1,5 | 2 | | 12 | | | | | | 12 | 11,9 | 11,5 | 10,8 | 10,1 | 8,9 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CM-GE 65-2380/A/BAQE/4 T MCE55/C | 4 | 5,5 | | 23,8 | | | | | | 24 | 23,8 | 23,4 | 22,7 | 21,6 | 20,4 | 19 | 17,1 | | | | | | | | | | | | | | | | | | | | | | | | |
| CM-GE 80- 650/A/BAQE/0,75 M MCE11/C | 0,75 | 1 | | 6,5 | | | | | | 6,3 | 6,1 | 5,8 | 5,5 | 5 | 4,5 | 3,9 | | | | | | | | | | | | | | | | | | | | | | | | | |
| CM-GE 80- 890/A/BAQE/1,5 M MCE15/C | 1,5 | 2 | | 8,9 | | | | | | 8,8 | 8,7 | 8,6 | 8,3 | 8 | 7,6 | 7,2 | 6,6 | 6 | | | | | | | | | | | | | | | | | | | | | | | |
| CM-GE 80-1530/A/BAQE/3 T MCE30/C | 3 | 4 | | 15,3 | | | | | | | | 15,4 | 15,3 | 15 | 14,6 | 14,1 | 13,5 | 12,9 | 12,2 | 11,3 | | | | | | | | | | | | | | | | | | | | | |
| CM-GE 80-1700/A/BAQE/4 T MCE55/C | 4 | 5,5 | | 17 | | | | | | | | 17,2 | 17,2 | 17,1 | 16,8 | 16,5 | 16,2 | 15,7 | 15,1 | 14,3 | 13,6 | 12,6 | | | | | | | | | | | | | | | | | | | |
| CM-GE 80-2700/A/BAQE/7,5 T MCE110/C | 7,5 | 10 | H (m) | 27 | | | | | | | | | | 26 | 25,5 | 25 | 24,5 | 23,6 | 22,7 | 21,5 | 20,2 | 19 | | | | | | | | | | | | | | | | | | | |
| CM-GE 80-3420/A/BAQE/11 T MCE110/C | 11 | 15 | | 34,2 | | | | | | | | | | | 33,2 | 33 | 32,5 | 32 | 31,5 | 30,7 | 29,8 | 29 | 28 | 25 | 21,7 | | | | | | | | | | | | | | | | |
| CM-GE 100- 660/A/BAQE/2,2 M MCE22/C | 1,5 | 2 | | 6,6 | | | | | | | | | 6,4 | 6,3 | 6,2 | 6 | 5,8 | 5,6 | 5,3 | 5 | 4,7 | 4,5 | 4,3 | 3,7 | 3 | | | | | | | | | | | | | | | | |
| CM-GE 100-1020/A/BAQE/3 T MCE30/C | 3 | 4 | | 10,2 | | | | | | | | | 10,2 | 10,1 | 10 | 9,9 | 9,8 | 9,7 | 9,5 | 9,3 | 9 | 8,8 | 8,6 | 7,9 | 7,2 | 6,7 | | | | | | | | | | | | | | | |
| CM-GE 100-1320/A/BAQE/4 T MCE55/C | 4 | 5,5 | | 13,2 | | | | | | | | | | | 13,2 | 13,2 | 13,1 | 12,9 | 12,7 | 12,4 | 12 | 11,7 | 11,3 | 10,4 | 9,3 | 8,7 | | | | | | | | | | | | | | | |
| CM-GE 100-1650/A/BAQE/5,5 T MCE55/C | 5,5 | 7,5 | | 16,5 | | | | | | | | | | 16,6 | 16,5 | 16,4 | 16,2 | 16,1 | 16 | 15,7 | 15,4 | 15 | 14,3 | 13,3 | 12,7 | | | | | | | | | | | | | | | | |
| CM-GE 100-2050/A/BAQE/7,5 T MCE110/C | 7,5 | 10 | | 20,5 | | | | | | | | | | 21 | 21 | 21 | 20,7 | 20,5 | 20 | 19,8 | 19,5 | 19 | 18 | 16,7 | 16 | | | | | | | | | | | | | | | | |
| CM-GE 125-1270/A/BAQE/5,5 T MCE55/C | 5,5 | 7,5 | | 12,7 | | | | | | | | | | | | | 12,6 | 12,6 | 12,5 | 12,5 | 12,4 | 12,3 | 12 | 11,5 | 11,4 | 10,1 | 8,5 | | | | | | | | | | | | | | |
| CM-GE 125-1560/A/BAQE/7,5 T MCE110/C | 7,5 | 10 | | 15,6 | | | | | | | | | | | | | | 15,4 | 15,4 | 15,3 | 15,2 | 15,1 | 15 | 14,7 | 14,5 | 14,3 | 13,3 | 11,6 | 9,8 | | | | | | | | | | | | |
| CM-GE 125-2100/A/BAQE/11 T MCE110/C | 11 | 15 | | 21 | | | | | | | | | | | | | | | 21,5 | 21,5 | 21,4 | 21,2 | 21 | 20,9 | 20 | 19,8 | 18 | 16 | | | | | | | | | | | | | |
| CM-GE 125-2550/A/BAQE/15 T MCE150/C | 15 | 20 | | 25,5 | | | | | | | | | | | | | | | | 25,5 | 25,5 | 25,3 | 25,1 | 25,1 | 25 | 24,5 | 24 | 22,5 | 20,5 | 17,5 | | | | | | | | | | | |
| CM-GE 150-1600/A/BAQE/11 T MCE150/C | 11 | 15 | | 16 | | | | | | | | | | | | | | | | | | | | | | 15,5 | 15,5 | 15,4 | 14,8 | 14 | 13 | 11,8 | 11 | 10,5 | 9,2 | | | | | | |

DCME - HEATING SYSTEMS, AIR CONDITIONING, SOLAR PANEL AND DOMESTIC HOT WATER

| MODEL | P2 NOMINAL | | Q (m³/h) (l/min) | 0 | 0,6 | 1,2 | 1,8 | 2,4 | 3,0 | 4,5 | 6 | 9 | 10,5 | 12 | 13,5 | 15 | 18 | 24 | 27 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | 72 | 78 | 90 | 105 | 120 | | | | | | | | | | |
|-----------------------|------------|-----|---------------------|---|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|--|--|--|--|--|--|--|--|--|--|
| | kW | HP | | 0 | 10 | 20 | 30 | 40 | 50 | 75 | 100 | 150 | 175 | 200 | 225 | 250 | 300 | 400 | 450 | 500 | 600 | 700 | 800 | 900 | 1000 | 1100 | 1200 | 1300 | 1500 | 1750 | 2000 | | | | | | | | | | |
| DCME 40-620 M MCE11/C | 0,3 | 0,3 | | | | | | | 6,2 | 6 | 5,8 | 4,5 | 3,9 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DCME 50-460 M MCE11/C | 0,3 | 0,3 | H (m) | | | | | | | | 4,6 | 4,3 | 4,1 | 3,9 | 3,6 | 3,3 | 2,4 | | | | | | | | | | | | | | | | | | | | | | | | |
| DCME 50-880 M MCE11/C | 0,5 | 0,7 | | | | | | | | | 8,8 | 8,3 | 8 | 7,7 | 7,3 | 6,9 | 5,9 | | | | | | | | | | | | | | | | | | | | | | | | |

CME / CM-GE / DCME / DCM-GE

PERFORMANCE RANGE

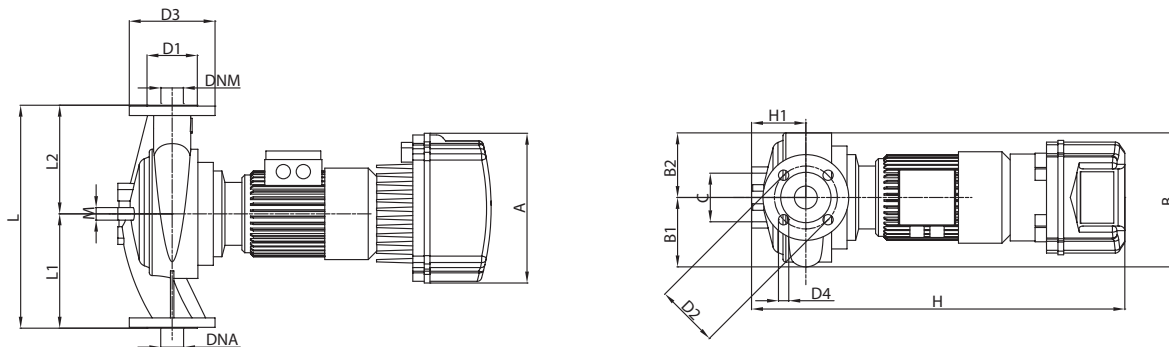
DCM-GE - HEATING SYSTEMS, AIR CONDITIONING, SOLAR PANEL AND DOMESTIC HOT WATER

| MODEL | Q (m³/h) (l/min) | 0 | 3 | 4,5 | 6 | 12 | 18 | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | 72 | 78 | 84 | 90 | 102 | 114 | 120 | 150 | |
|---|------------------------|------|----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|
| | | 0 | 50 | 75 | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1700 | 1900 | 2000 | 2500 | |
| DCM-GE 65-660/A/ BAQE/0.55 M MCE11/C IE2 | H (m) | 6,5 | | | 6,4 | 5,9 | 4,4 | 3,1 | | | | | | | | | | | | | | | | |
| DCM-GE 65-1200/A/ BAQE/1.5M MCE15/C IE2 | | 12,0 | | | | 11,9 | 11,6 | 11,0 | 10,0 | 9,0 | 7,6 | | | | | | | | | | | | | |
| DCM-GE 65-1200/A/ BAQE/1.5 T MCE30/C IE2 | | 12,0 | | | | 11,9 | 11,6 | 11,0 | 10,0 | 9,0 | 7,6 | | | | | | | | | | | | | |
| DCM-GE 65-2380/A/BAQE/4 T MCE30/C IE2 | | 23,8 | | | | 23,9 | 23,5 | 22,8 | 21,8 | 20,3 | 18,6 | 16,8 | 14,5 | | | | | | | | | | | |
| DCM-GE 80-650/A/ BAQE/0.75 M IE2 MCE11/C | | 6,5 | | | | 6,2 | 5,8 | 5,2 | 4,5 | 3,7 | 2,9 | 2,1 | | | | | | | | | | | | |
| DCM-GE 80-650/A/ BAQE/0.75 T MCE30/C IE2 | | 6,5 | | | | 6,2 | 5,8 | 5,2 | 4,5 | 3,7 | 2,9 | 2,1 | | | | | | | | | | | | |
| DCM-GE 80-890/A/ BAQE/1.5 M MCE15/C IE2 | | 8,5 | | | | | | 8,3 | 8,0 | 7,5 | 6,8 | 6,1 | 5,3 | 4,4 | 3,5 | | | | | | | | | |
| DCM-GE 80-890/A/ BAQE/1.5 T MCE30/C IE2 | | 8,5 | | | | | | 6,7 | 6,2 | 5,5 | 4,8 | 4,2 | 3,5 | 2,9 | 2,3 | | | | | | | | | |
| DCM-GE 80-1530/A/ BAQE/3T MCE30/C IE2 | | 14,4 | | | | | | 14,1 | 13,7 | 13,0 | 12,2 | 11,3 | 10,2 | 9,2 | 8,0 | 6,8 | | | | | | | | |
| DCM-GE 80-1700/A/BAQE/4 T MCE30/C IE2 | | 16,0 | | | | | | 15,7 | 15,5 | 15,3 | 14,6 | 14,0 | 13,2 | 12,3 | 11,2 | 10,0 | 8,9 | 7,7 | | | | | | |
| DCM-GE 80-2700/A/ BAQE/7.5 T MCE110/C IE2 | | 27,0 | | | | | | | | 26,1 | 26,1 | 25,5 | 24,9 | 24,2 | 23,2 | 22,1 | 20,7 | 19,3 | 17,9 | | | | | |
| DCM-GE 80-3420/A/ BAQE/11 T MCE110/C IE2 | | 34,2 | | | | | | | | 33,3 | 33,3 | 32,9 | 32,3 | 31,8 | 30,9 | 29,9 | 29,0 | 27,8 | 24,4 | 22,0 | 20,8 | | | |
| DCM-GE 100-865/A/BAQE/ 2,2 M MCE22/C IE2 | | 8,6 | | | | | | | 8,4 | 8,3 | 8,1 | 7,9 | 7,6 | 7,4 | 7,1 | 6,8 | 6,4 | 6 | 5,6 | 4,7 | 3,5 | | | |
| DCM-GE 100-865/A/BAQE/ 2,2 T MCE22/C IE2 | | 8,6 | | | | | | | 8,4 | 8,3 | 8,1 | 7,9 | 7,6 | 7,4 | 7,1 | 6,8 | 6,4 | 6 | 5,6 | 4,7 | 3,5 | | | |
| DCM-GE 100-1020/A/ BAQE/3 T MCE30/C IE2 | | 10,2 | | | | | | | 10,2 | 10,0 | 9,8 | 9,6 | 9,5 | 9,3 | 8,9 | 8,5 | 8,0 | 7,5 | 7,1 | 5,9 | 4,7 | 4,0 | | |
| DCM-GE 100-1320/A/ BAQE/4 T MCE55/C IE2 | | 13,2 | | | | | | | | | 13,2 | 13,1 | 13,0 | 12,8 | 12,4 | 11,9 | 11,3 | 10,8 | 10,2 | 8,8 | 7,4 | 6,6 | | |
| DCM-GE 100-1650/A/ BAQE/5,5T MCE55/C IE2 | | 16,5 | | | | | | | | | 16,5 | 16,4 | 16,3 | 16,0 | 15,8 | 15,5 | 14,9 | 14,4 | 13,7 | 12,4 | 10,8 | 10,0 | | |
| DCM-GE 100-2050/A/ BAQE/7,5 T MCE110/C IE2 | 19,3 | | | | | | | | | | | | 19,2 | 18,8 | 18,5 | 17,9 | 17,6 | 17,2 | 16,6 | 15,5 | 14,1 | 13,3 | | |

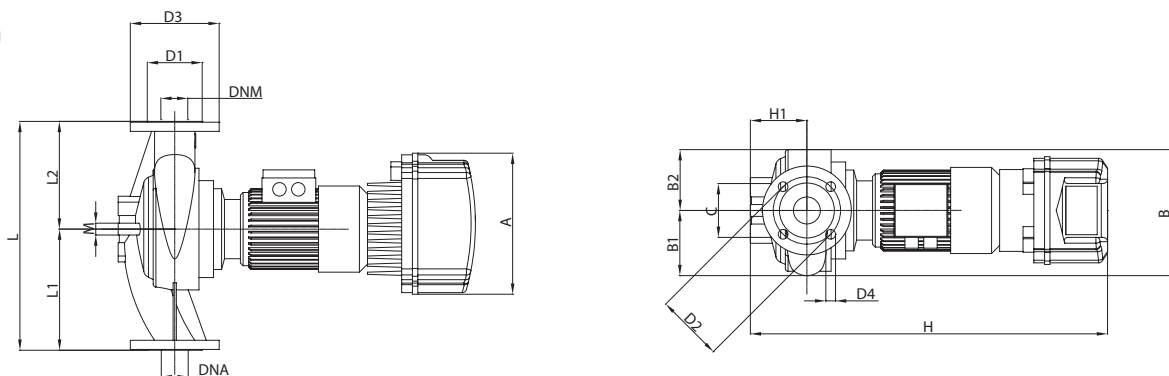
| MODEL | Q (m³/h) (l/min) | 0 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | 72 | 78 | 84 | 90 | 102 | 114 | 120 | 150 | 180 | 210 | 240 | 250 | 270 | 330 |
|---|------------------------|------|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | 0 | 500 | 600 | 700 | 800 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1700 | 1900 | 2000 | 2500 | 3000 | 3500 | 4000 | 4167 | 4500 | 5500 |
| DCM-GE 125-1270/A/ BAQE/5.5 T MCE55/C IE2 | H (m) | 11,7 | | | | | | 11,8 | 11,7 | 11,5 | 11,4 | 11,1 | 10,8 | 10,2 | 9,2 | 8,9 | 6,4 | 3,8 | | | | | |
| DCM-GE 125-1560/A/ BAQE/7.5 T MCE110/C IE2 | | 14,4 | | | | | | 14,6 | 14,6 | 14,4 | 14,2 | 14,0 | 13,8 | 13,2 | 12,7 | 12,3 | 10,2 | 7,5 | 4,9 | | | | |
| DCM-GE 125-2100/A/ BAQE/11 T MCE110/C IE2 | | 20,1 | | | | | | | | | | 19,9 | 19,6 | 19,3 | 18,2 | 17,8 | 15,4 | 12,7 | | | | | |
| DCM-GE 125-2550/A/ BAQE/15 T MCE150/C IE2 | | 24,5 | | | | | | | | | | 23,8 | 23,7 | 23,4 | 22,7 | 22,1 | 20,0 | 17,4 | 13,9 | | | | |
| DCM-GE 150-1600/A/ BAQE/11 T IE2 MCE110/C | | 14,8 | | | | | | | | | | | | | 14,2 | 14,2 | 14,0 | 13,4 | 12,5 | 11,4 | 10,1 | 9,4 | 8,8 |

DIMENSIONS AND WEIGHTS

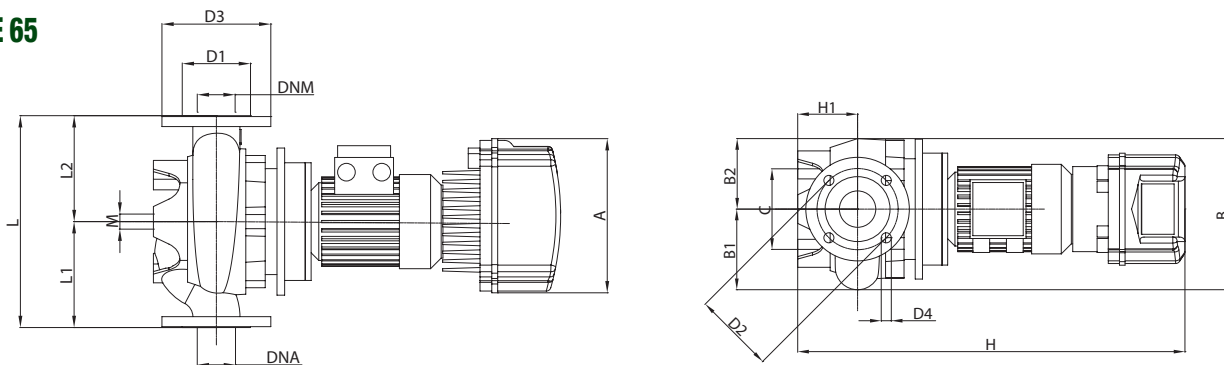
CME 40



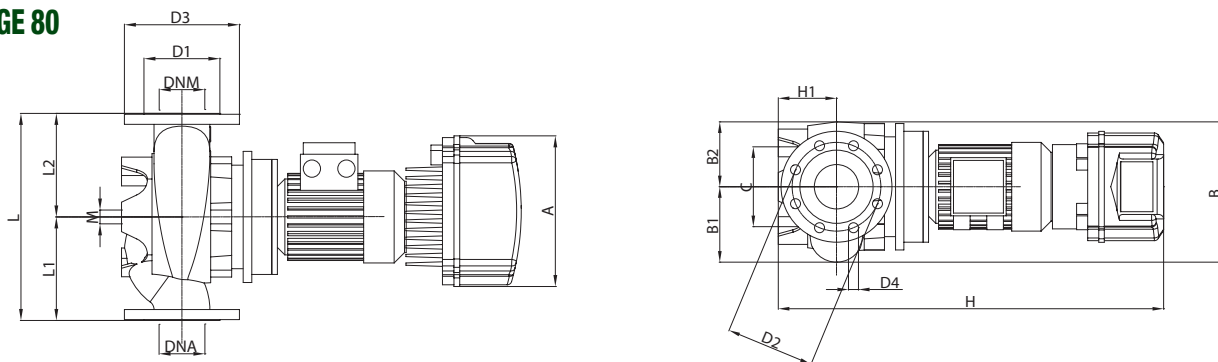
CME 50



CM - GE 65

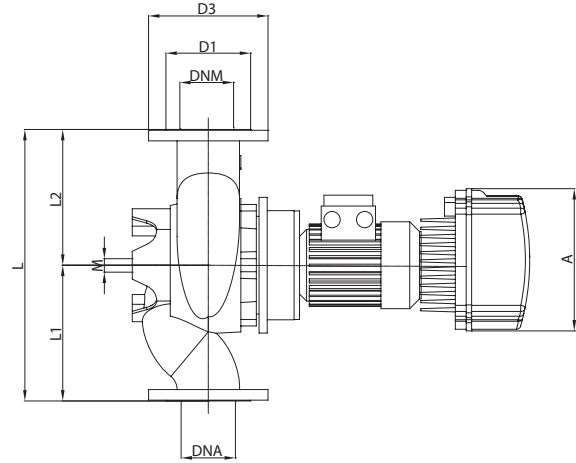
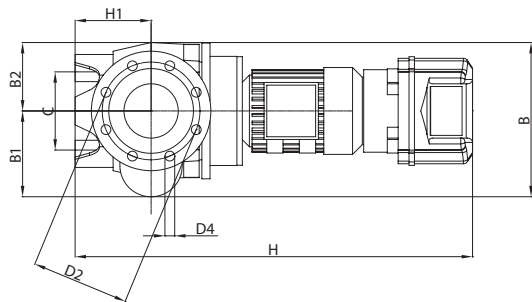


CM - GE 80

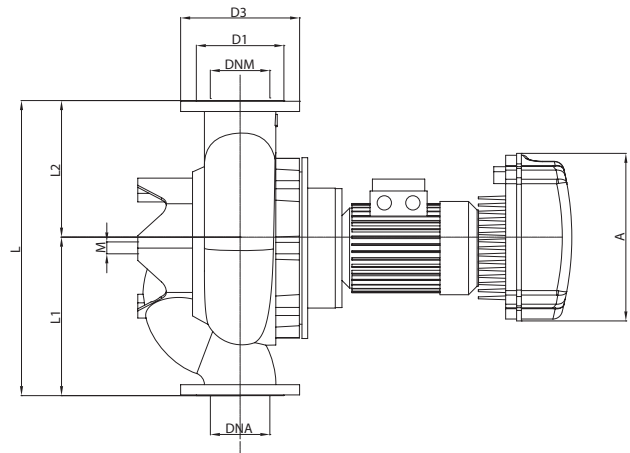
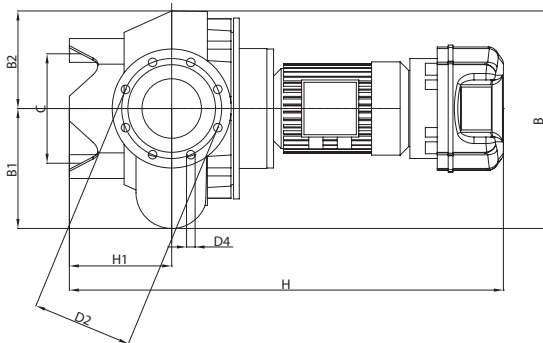


DIMENSIONS AND WEIGHTS

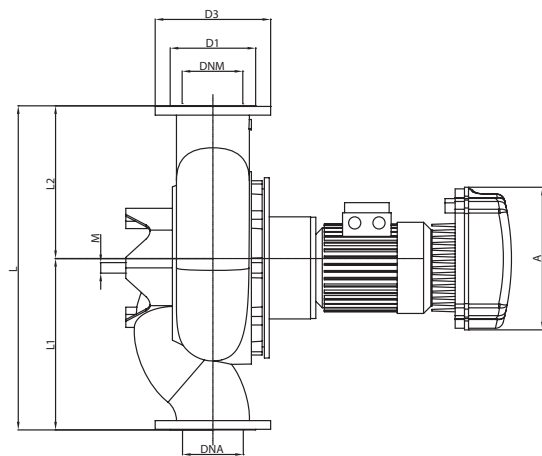
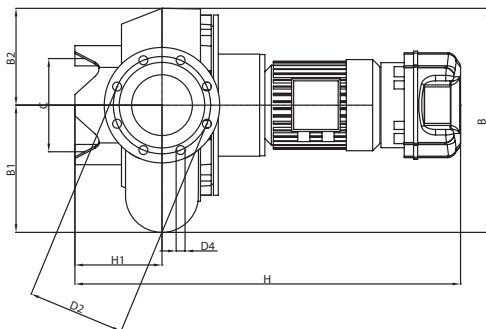
CM-GE 100



CM-GE 125



CM-GE 150



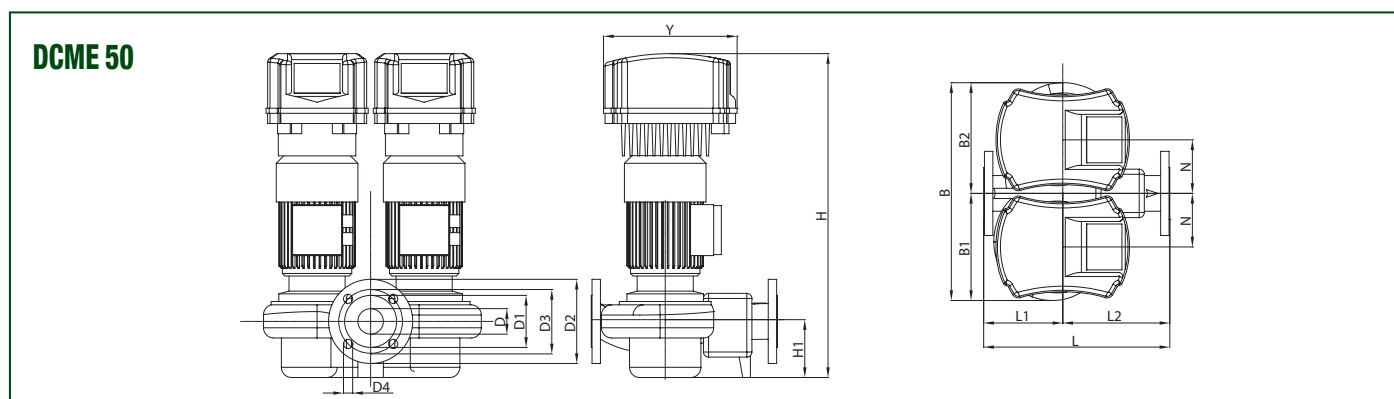
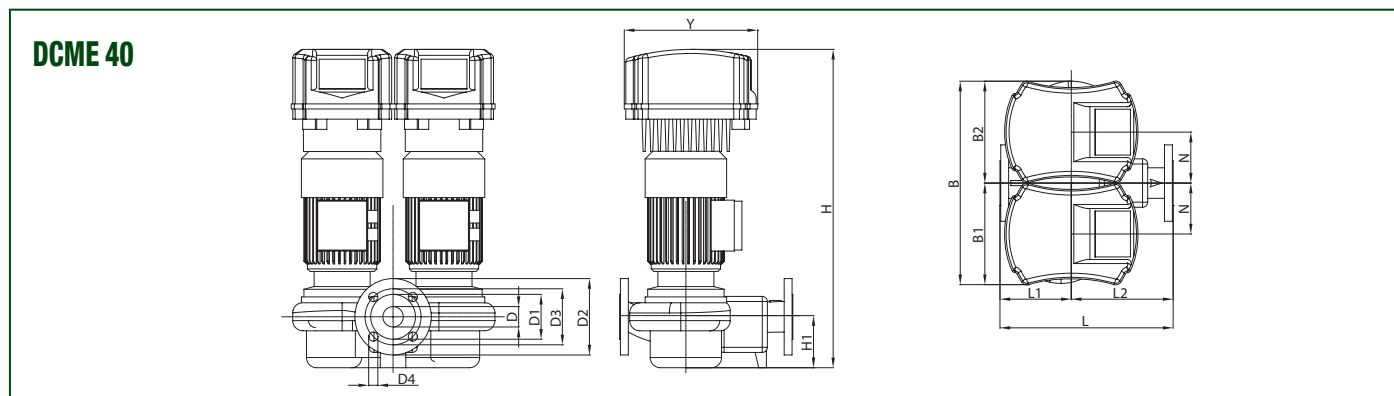
CME / CM-GE / DCME / DCM-GE

ELECTRONIC IN-LINE PUMPS

DIMENSIONS AND WEIGHTS

| MODEL | A | B | B1 | B2 | C | D1 | D2 | D3 | D4 | H | H1 | L | L1 | L2 | M | PACKING DIMENSIONS | | | WEIGHT KG |
|--------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|-----|-----|-------|-------|----|--------------------|-----|------|--------------|
| | | | | | | | | | | | | | | | | L/A | L/B | H | |
| CME 40- 870 M MCE11/C | 262 | 231 | 118 | 113 | 85 | 88 | 110 | 150 | 4X18 | 653 | 95 | 390 | 200 | 190 | 12 | 500 | 270 | 810 | 45 |
| CME 40-1450 M MCE11/C | 262 | 231 | 118 | 113 | 85 | 88 | 110 | 150 | 4X18 | 645 | 100 | 380 | 200 | 180 | 12 | 500 | 270 | 810 | 35 |
| CME 50-1000 M MCE11/C | 262 | 233 | 120 | 113 | 100 | 102 | 125 | 165 | 4X18 | 663 | 105 | 425 | 225 | 200 | 12 | 500 | 270 | 810 | 51 |
| CME 50-1420 M MCE11/C | 262 | 280 | 149 | 131 | - | 102 | 125 | 165 | 4X18 | 695 | 110 | 400 | 220 | 180 | - | 500 | 270 | 810 | 40 |
| CME 65-660/A/BAQE/0.55 M MCE11/C | 262 | 270 | 144 | 126 | 144 | 122 | 145 | 185 | 4X18 | 713 | 105 | 360 | 180 | 180 | 16 | 650 | 400 | 945 | 62 |
| CM-GE 65 1200/A/BAQE/1.5 M MCE15/C | 262 | 344 | 180 | 164 | 144 | 122 | 145 | 185 | 4X18 | 764 | 125 | 475 | 237,5 | 237,5 | 16 | 650 | 400 | 945 | 91 |
| CM-GE 65-2380/A/BAQE/4 T MCE55/C | 353 | 344 | 180 | 164 | 144 | 122 | 145 | 185 | 4X18 | 821 | 125 | 475 | 237,5 | 237,5 | 16 | 650 | 400 | 945 | 115 |
| CM-GE 80- 650/A/BAQE/0.75 M MCE11/C | 262 | 252 | 135 | 117 | 144 | 138 | 160 | 200 | 8X18 | 716 | 105 | 360 | 180 | 180 | 16 | 650 | 400 | 945 | 67 |
| CM-GE 80- 890/A/BAQE/1.5 M MCE15/C | 262 | 324 | 178 | 146 | 144 | 138 | 160 | 200 | 8X18 | 765 | 115 | 440 | 220 | 220 | 16 | 650 | 400 | 945 | 98 |
| CM-GE 80 1530/A/BAQE/3 T MCE30/C | 353 | 354 | 190 | 164 | 144 | 138 | 160 | 200 | 8X18 | 822 | 115 | 500 | 250 | 250 | 16 | 650 | 400 | 945 | 134 |
| CM-GE 80-1700/A/BAQE/4 T MCE55/C | 353 | 354 | 190 | 164 | 144 | 138 | 160 | 200 | 8X18 | 822 | 115 | 500 | 250 | 250 | 16 | 650 | 400 | 945 | 147 |
| CM-GE 80-2700/A/BAQE/7.5 T MCE110/C | 426 | 469 | 245 | 224 | 230 | 138 | 160 | 200 | 8X18 | 1115 | 140 | 620 | 310 | 310 | 16 | 700 | 600 | 1220 | 205 |
| CM-GE 80-3420/A/BAQE/11 T MCE110/C | 426 | 469 | 245 | 224 | 230 | 138 | 160 | 200 | 8X18 | 1115 | 140 | 620 | 310 | 310 | 16 | 700 | 600 | 1220 | 222 |
| CM-GE 100- 660/A/BAQE/2,2 M MCE22/C | 262 | 346 | 193 | 153 | 230 | 158 | 180 | 220 | 8x18 | 844 | 140 | 550 | 275 | 275 | 16 | 650 | 400 | 945 | 113 |
| CM-GE 100-1020/A/BAQE/3 T MCE30/C | 353 | 346 | 193 | 153 | 230 | 158 | 180 | 220 | 8x18 | 844 | 140 | 550 | 275 | 275 | 16 | 650 | 400 | 945 | 118 |
| CM-GE 100-1320/A/BAQE/4 T MCE55/C | 353 | 378 | 204 | 174 | 230 | 158 | 180 | 220 | 8x18 | 881 | 140 | 550 | 275 | 275 | 16 | 650 | 400 | 945 | 150 |
| CM-GE 100-1650/A/BAQE/5,5 T MCE55/C | 353 | 378 | 204 | 174 | 230 | 158 | 180 | 220 | 8x18 | 1021 | 140 | 550 | 275 | 275 | 16 | 650 | 400 | 945 | 172 |
| CM-GE 100-2050/A/BAQE/7,5 T MCE110/C | 426 | 545 | 293 | 252 | 230 | 158 | 180 | 220 | 8x18 | 1155 | 175 | 670 | 335 | 335 | 16 | 700 | 600 | 1220 | 252 |
| CM-GE 125-1270/A/BAQE/5.5 T MCE55/C | 353 | 457 | 252 | 205 | 230 | 188 | 210 | 250 | 8X18 | 1101 | 215 | 620 | 310 | 310 | 16 | 700 | 600 | 1220 | 209 |
| CM-GE 125-1560/A/BAQE/7.5 T MCE110/C | 426 | 457 | 252 | 205 | 230 | 188 | 210 | 250 | 8X18 | 1199 | 215 | 620 | 310 | 310 | 16 | 700 | 600 | 1220 | 228 |
| CM-GE 125-2100/A/BAQE/11 T MCE110/C | 426 | 519 | 274 | 245 | 230 | 188 | 210 | 250 | 8X18 | 1267 | 215 | 800 | 400 | 400 | 16 | 900 | 550 | 1200 | 307 |
| CM-GE 125-2550/A/BAQE/15 T MCE150/C | 426 | 519 | 274 | 245 | 230 | 188 | 210 | 250 | 8X18 | 1407 | 215 | 800 | 400 | 400 | 16 | 900 | 550 | 1200 | 363 |
| CM-GE 150-1600/A/BAQE/11 T MCE110/C | 426 | 538 | 299 | 239 | 230 | 212 | 240 | 285 | 8X22 | 1270 | 215 | 800 | 400 | 400 | 16 | 900 | 550 | 1200 | 306 |

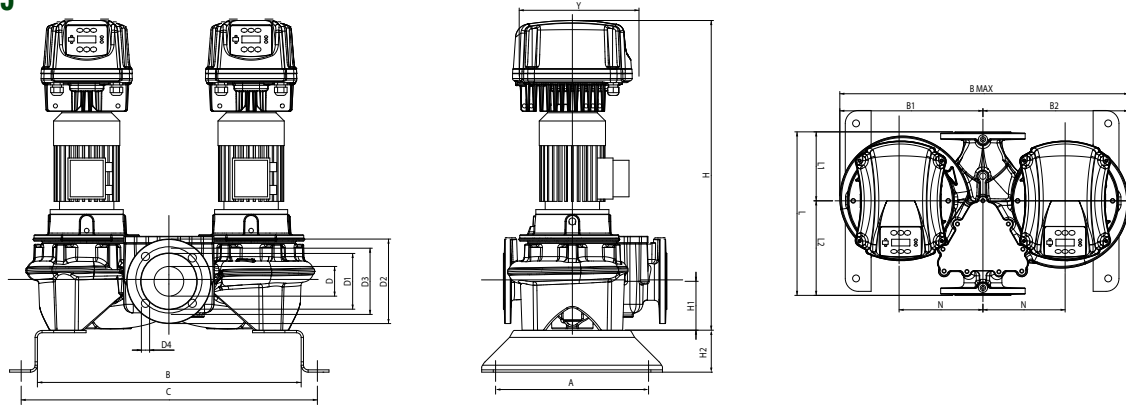
DIMENSIONS AND WEIGHTS



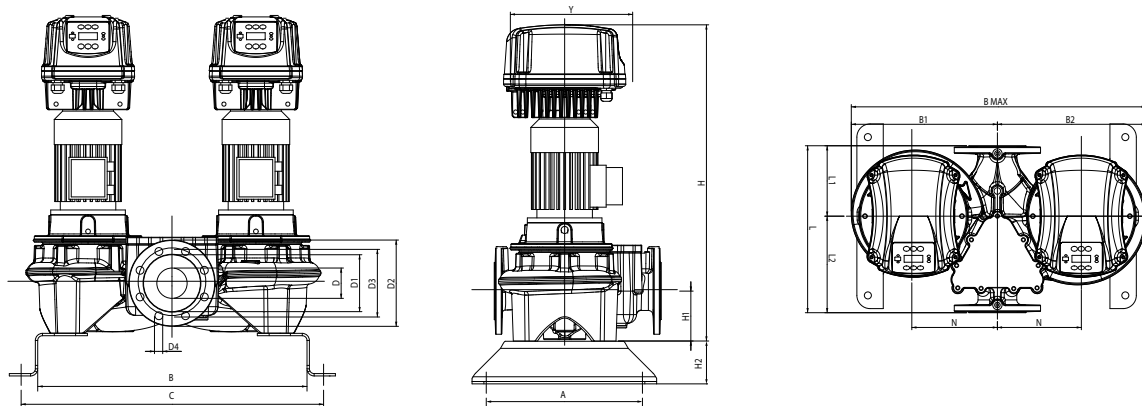
| MODEL | L | L1 | L2 | B | B1 | B2 | H | H1 | N | D | D1 | D2 | D3 | D4 | Y | PACKING DIMENSIONS | | | WEIGHT KG |
|------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------------|-----|-----|-----|----------------|-----|--------------------|-----|-----|--------------|
| | | | | | | | | | | | | | | | | L/A | L/B | H | |
| DCME 40-620 M MCE11/C | 340 | 130 | 210 | 400 | 200 | 200 | 625 | 100 | 100 | 40 PN16 | 88 | 150 | 110 | 4 holes Ø18 | 262 | 520 | 400 | 710 | 45 |
| DCME 50-460 M MCE11/C | 365 | 145 | 220 | 427 | 217 | 210 | 635 | 110 | 105 | 50 PN16 | 102 | 165 | 125 | | 262 | 520 | 400 | 710 | 50 |
| DCME 50-880 M MCE11/C | 410 | 170 | 240 | 480 | 235 | 245 | 635 | 110 | 105 | 50 PN16 | 102 | 165 | 125 | | 262 | 520 | 400 | 710 | 56 |

DIMENSIONS AND WEIGHTS

DCM-GE 65



DCM-GE 80 / 100 / 125



| MODEL | A | B | C | B1 | B2 | B max | D1 | D2 | D3 | D4 | n° holes | Y | H | H1 | H2 | L | L1 | L2 | M | N | PACKING DIMENSIONS | | | VOL. (mc) | WEIGHT Kg |
|---|-----|-----|-----|-----|-----|-------|-----|-----|-----|----|----------|------|-----|-----|-----|-----|-----|-----|-----|-----|--------------------|------|------|-----------|-----------|
| | | | | | | | | | | | | | | | | | | | | | L/A | L/B | H | | |
| DCM-GE 65- 660/A/BAQE/ 0.55 M MCE11/C IE2 | 330 | 569 | 639 | 315 | 320 | 635 | 122 | 185 | 145 | 18 | 4 | 262 | 733 | 107 | 100 | 358 | 151 | 207 | M16 | 180 | 358 | 635 | 733 | 0,17 | 141 |
| DCM-GE 65-1200/A/BAQE/ 1.5 M MCE15/C IE2 | 330 | 649 | 719 | 387 | 395 | 782 | 122 | 185 | 145 | 18 | | 262 | 821 | 125 | 100 | 475 | 177 | 298 | M16 | 220 | 475 | 782 | 821 | 0,30 | 195 |
| DCM-GE 65-1200/A/BAQE/ 1.5 T MCE30/C IE2 | 330 | 649 | 719 | 387 | 395 | 782 | 122 | 185 | 145 | 18 | | 262 | 824 | 125 | 100 | 475 | 177 | 298 | M16 | 220 | 475 | 782 | 824 | 0,31 | 193 |
| DCM-GE 65-2380/A/BAQE/ 4 T MCE30/C IE2 | 330 | 649 | 719 | 387 | 395 | 782 | 122 | 185 | 145 | 18 | | 352 | 925 | 125 | 100 | 475 | 177 | 298 | M16 | 220 | 475 | 782 | 925 | 0,34 | 233 |
| DCM-GE 80- 650/A/BAQE/ 0.75 M MCE11/C IE2 | 330 | 580 | 650 | 305 | 310 | 615 | 137 | 200 | 160 | 18 | 8 | 262 | 745 | 115 | 100 | 360 | 165 | 195 | M16 | 180 | 360 | 615 | 745 | 0,16 | 134 |
| DCM-GE 80- 650/A/BAQE/ 0.75 T MCE30/C IE2 | 330 | 580 | 650 | 305 | 310 | 615 | 137 | 200 | 160 | 18 | | 262 | 742 | 115 | 100 | 360 | 165 | 195 | M16 | 180 | 360 | 615 | 742 | 0,16 | 136 |
| DCM-GE 80- 890/A/BAQE/ 1.5 M MCE15/C IE2 | 620 | 620 | 690 | 355 | 365 | 720 | 137 | 200 | 160 | 18 | | 262 | 825 | 115 | 100 | 440 | 180 | 260 | M16 | 200 | 440 | 720 | 825 | 0,26 | 211 |
| DCM-GE 80- 890/A/BAQE/ 1.5 T MCE30/C IE2 | 620 | 620 | 690 | 355 | 365 | 720 | 137 | 200 | 160 | 18 | | 262 | 822 | 115 | 100 | 440 | 180 | 260 | M16 | 200 | 440 | 720 | 822 | 0,26 | 213 |
| DCM-GE 80-1530/A/BAQE/ 3 T MCE30/C IE2 | 362 | 662 | 690 | 405 | 415 | 820 | 137 | 200 | 160 | 18 | 352 | 846 | 115 | 100 | 500 | 220 | 280 | M16 | 235 | 500 | 820 | 846 | 0,35 | 251 | |
| DCM-GE 80-1700/A/BAQE/ 4 T MCE30/C IE2 | 362 | 662 | 732 | 405 | 415 | 820 | 137 | 200 | 160 | 18 | 352 | 931 | 115 | 100 | 500 | 220 | 280 | M16 | 235 | 500 | 820 | 931 | 0,38 | 277 | |
| DCM-GE 80-2700/A/BAQE/ 7.5 T MCE110/C IE2 | 500 | 804 | 924 | 530 | 540 | 1070 | 137 | 200 | 160 | 18 | 425 | 1087 | 140 | 100 | 620 | 280 | 340 | M16 | 300 | 620 | 1070 | 1087 | 0,72 | 499 | |
| DCM-GE 80-3420/A/BAQE/ 11 T MCE110/C IE2 | 500 | 804 | 924 | 530 | 540 | 1070 | 137 | 200 | 160 | 18 | 425 | 1192 | 140 | 100 | 620 | 280 | 340 | M16 | 300 | 620 | 1070 | 1192 | 0,79 | 533 | |
| DCM-GE 100- 865/A/BAQE/ 1,5 M MCE22/C IE2 | 362 | 733 | 813 | 395 | 410 | 805 | 156 | 220 | 180 | 18 | 8 | 352 | 847 | 140 | 100 | 550 | 221 | 329 | M16 | 235 | 550 | 805 | 847 | 0,38 | 253 |
| DCM-GE 100- 865/A/BAQE/ 1,5 T MCE22/C IE2 | 362 | 733 | 813 | 395 | 410 | 805 | 156 | 220 | 180 | 18 | | 262 | 847 | 140 | 100 | 550 | 221 | 329 | M16 | 235 | 550 | 805 | 847 | 0,38 | 251 |

DIMENSIONS AND WEIGHTS

| MODEL | A | B | C | B1 | B2 | B max | D1 | D2 | D3 | D4 | n° holes | Y | H | H1 | H2 | L | L1 | L2 | M | N | PACKING DIMENSIONS | | | VOL. (mc) | WEIGHT Kg |
|--|-----|-----|-----|-----|-----|-------|-----|-----|-----|----|----------|-----|------|-----|-----|-----|-----|-----|-----|-----|--------------------|------|------|-----------|-----------|
| | | | | | | | | | | | | | | | | | | | | | L/A | L/B | H | | |
| DCM-GE 100-1020/A/BAQE/ 3 T MCE30/C IE2 | 362 | 733 | 813 | 395 | 410 | 805 | 156 | 220 | 180 | 18 | 8 | 352 | 862 | 140 | 100 | 550 | 221 | 329 | M16 | 235 | 550 | 805 | 862 | 0,38 | 264 |
| DCM-GE 100-1320/A/BAQE/4 T MCE55/C IE2 | 362 | 753 | 833 | 430 | 440 | 870 | 156 | 220 | 180 | 18 | | 352 | 1007 | 140 | 100 | 550 | 221 | 329 | M16 | 250 | 550 | 870 | 1007 | 0,48 | 308 |
| DCM-GE 100-1650/A/BAQE/ 5,5 T MCE55/C IE2 | 362 | 753 | 833 | 430 | 440 | 870 | 156 | 220 | 180 | 18 | | 352 | 1008 | 140 | 100 | 550 | 221 | 329 | M16 | 250 | 550 | 870 | 1008 | 0,48 | 351 |
| DCM-GE 100-2050/A/BAQE/ 7,5 T MCE110/C IE2 | 500 | 836 | 956 | 560 | 575 | 1135 | 156 | 220 | 180 | 18 | | 425 | 1132 | 175 | 100 | 670 | 266 | 404 | M16 | 300 | 670 | 1135 | 1132 | 0,86 | 558 |
| DCM-GE 125-1270/A/BAQE/ 5.5 T MCE55/C IE2 | 500 | 810 | 930 | 515 | 535 | 1050 | 185 | 250 | 210 | 14 | | 352 | 1089 | 215 | 100 | 620 | 226 | 394 | M16 | 300 | 620 | 1050 | 1089 | 0,71 | 503 |
| DCM-GE 125-1560/A/BAQE/ 7.5 T MCE110/C IE2 | 500 | 810 | 930 | 515 | 535 | 1050 | 185 | 250 | 210 | 14 | | 425 | 1177 | 215 | 100 | 620 | 226 | 394 | M16 | 300 | 620 | 1050 | 1177 | 0,77 | 538 |
| DCM-GE 125-2100/A/BAQE/ 11 T MCE110/C IE2 | 500 | 810 | 930 | 555 | 571 | 1126 | 185 | 250 | 210 | 14 | | 425 | 1297 | 215 | 100 | 800 | 316 | 484 | M16 | 300 | 800 | 1126 | 1297 | 1,17 | 768 |
| DCM-GE 125-2550/A/BAQE/ 15 T MCE150/C IE2 | 500 | 810 | 930 | 555 | 571 | 1126 | 185 | 250 | 210 | 14 | | 425 | 1352 | 215 | 100 | 800 | 316 | 484 | M16 | 300 | 800 | 1126 | 1352 | 1,22 | 880 |
| DCM-GE 150-1600/A/BAQE/ 11 T MCE110/C IE2 | 500 | 805 | 925 | 550 | 580 | 1130 | 210 | 285 | 240 | 22 | | 425 | 1305 | 215 | 100 | 800 | 296 | 504 | M16 | 300 | 800 | 1130 | 1305 | 1,18 | 719 |

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

CPE / CP-GE / DCPE / DCP-GE

ELECTRONIC IN-LINE PUMPS



Circulation pumps with in-line ports, suitable for installation in heating and air conditioning, refrigeration, and domestic hot water systems. Extremely versatile thanks to the use of the **MCE/C** inverter, they offer performance capable of adapting automatically to the system's various demands while keeping pressure differentials unchanged. Available in single and twin version. PN 16 flanged inlet and delivery mouths, fitted with threaded holes for pressure gauges. Pump body and support in cast iron, impeller in cast iron or technopolymer depending on model (in bronze, on request, only from DN 65 to DN 150). Stainless steel drive shaft. Sealing device: standardised mechanical seal made to DIN 24960 in carbon / carborundum with O' rings in EPDM. 2 pole three-phase induction motor with external cooling. Rotor running on ball bearings, oversized to ensure low noise and durability. Constructed following the CEI 2-3 standards.

Operating range from 1.2 to 230 m³/h with head up to 56 meters

Liquid temperature range
from -10°C to +130°C for DN 40-50
from -10°C to +140°C for rest of the range

Liquid quality requirements clean, free from solids or abrasive substances, non viscous, non aggressive, non crystallised and chemically neutral and close to the characteristics of water

Installation Fixed, horizontal or vertical provided the motor is always above the pump

Maximum ambient temperature +40°C

Maximum working pressure 16 bar

Protection rating IP 55

Insulation Class F

Flanging PN 16

Counter-flanges on request DN 40 - DN 50 - DN 65 - DN 80 - DN 100 - DN 125 - DN 150; PN 16



TECHNICAL DATA - CPE / CP-GE SINGLE WITH FLANGES

2 poles

| MODEL | ELECTRICAL DATA | | | | In A | DNA | DNM |
|--------------------------------------|------------------|-------------|------------|-------|------|-----|-----|
| | VOLTAGE 60 Hz | P1 MAX W | P2 NOMINAL | | | | |
| | | | KW | HP | | | |
| CPE 40/2300 M MCE11/C ¹ | 1x220-240 V ~ | 1,63 | 1,10 | 1,50 | 12,3 | 40 | 40 |
| CPE 40/3500 M MCE22/C ¹ | 1x220-240 V ~ | 2,32 | 2,20 | 3,00 | 16,8 | 40 | 40 |
| CPE 40/4700 T MCE55/C | 3x460 V ~ | 5,11 | 4,00 | 5,50 | 9,6 | 40 | 40 |
| CPE 40/5500 T MCE55/C | 3x460 V ~ | 6,90 | 5,50 | 7,50 | 13,2 | 40 | 40 |
| CPE 40/6200 T MCE110/C | 3x460 V ~ | 9,64 | 7,50 | 10,00 | 18,8 | 40 | 40 |
| CPE 50/2600 M MCE15/C ¹ | 1x220-240 V ~ | 1,98 | 1,50 | 2,00 | 14,6 | 50 | 50 |
| CPE 50/4100 T MCE55/C | 3x460 V ~ | 3,99 | 4,00 | 5,50 | 7,3 | 50 | 50 |
| CPE 50/4600 T MCE55/C | 3x460 V ~ | 6,90 | 5,50 | 7,50 | 13,2 | 50 | 50 |
| CPE 50/5650 T MCE110/C | 3x460 V ~ | 9,64 | 7,50 | 10,00 | 18,8 | 50 | 50 |
| CP-GE 65-2280/A/BAQE/3 T MCE30/C | 3x460 V ~ | 3,89 | 3 | 4 | 7,1 | 65 | 65 |
| CP-GE 65-2640/A/BAQE/4 T MCE55/C | 3x460 V ~ | 5,15 | 4 | 5,5 | 9,7 | 65 | 65 |
| CP-GE 65-3400/A/BAQE/5.5 T MCE55/C | 3x460 V ~ | 6,72 | 5,5 | 7,7 | 12,9 | 65 | 65 |
| CP-GE 65-4100/A/BAQE/7.5 T MCE110/C | 3x460 V ~ | 9,14 | 7,5 | 10 | 17,8 | 65 | 65 |
| CP-GE 65-4700/A/BAQE/11 T MCE110/C | 3x460 V ~ | 14,84 | 11 | 15 | 29,4 | 65 | 65 |
| CP-GE 65-5500/A/BAQE/15 T MCE150/C | 3x460 V ~ | 19,27 | 15 | 20 | 38,3 | 65 | 65 |
| CP-GE 80-2050/A/BAQE/4 T MCE55/C | 3x460 V ~ | 5,57 | 4 | 5,5 | 10,5 | 80 | 80 |
| CP-GE 80-2400/A/BAQE/5.5 T MCE55/C | 3x460 V ~ | 6,72 | 5,5 | 7,5 | 12,9 | 80 | 80 |
| CP-GE 80-2770/A/BAQE/7.5 T MCE110/C | 3x460 V ~ | 9,14 | 7,5 | 10 | 17,8 | 80 | 80 |
| CP-GE 80-3250/A/BAQE/11 T MCE110/C | 3x460 V ~ | 13,18 | 11 | 15 | 26,0 | 80 | 80 |
| CP-GE 80-4000/A/BAQE/15 T MCE150/C | 3x460 V ~ | 17,33 | 15 | 20 | 34,4 | 80 | 80 |
| CP-GE 100-2350/A/BAQE/7.5 T MCE110/C | 3x460 V ~ | 9,14 | 7,5 | 10 | 17,8 | 100 | 100 |
| CP-GE 100-2400/A/BAQE/11 T MCE110/C | 3x460 V ~ | 14,15 | 11 | 15 | 28,0 | 100 | 100 |
| CP-GE 100-3050/A/BAQE/15 T MCE110/C | 3x460 V ~ | 17,97 | 15 | 20 | 35,7 | 100 | 100 |

¹Three-phase versions available on request

CPE / CP-GE / DCPE / DCP-GE

ELECTRONIC IN-LINE PUMPS

TECHNICAL DATA - DCPE *TWIN WITH FLANGES*

2 poles

| MODEL | ELECTRICAL DATA | | | | | DNA | DNM |
|-------------------------------------|------------------|-------------|------------|------|---------|-----|-----|
| | VOLTAGE 60 Hz | P1 MAX W | P2 NOMINAL | | In A | | |
| | | | kW | HP | | | |
| DCPE 40/1650 M MCE11/C | 1x220-240 V ~ | 1,10 | 0,75 | 1 | 9,0 | 40 | 40 |
| DCPE 40/2450 M MCE15/C ¹ | 1x220-240 V ~ | 2,17 | 1,50 | 2,00 | 15,8 | 40 | 40 |
| DCPE 50/1550 M MCE15/C ¹ | 1x220-240 V ~ | 2,17 | 1,50 | 2,00 | 15,8 | 50 | 50 |
| DCPE 50/2450 T MCE30/C | 3x460 V ~ | 3,72 | 3,00 | 4,00 | 6,8 | 50 | 50 |
| DCPE 50/3650 T MCE55/C | 3x460 V ~ | 5,11 | 4,00 | 5,50 | 9,6 | 50 | 50 |

¹Three-phase versions available on request

TECHNICAL DATA - DCP-GE *TWIN WITH FLANGES*

2 poles

| MODEL | ELECTRICAL DATA | | | | | DNA | DNM |
|--|------------------|-------------|------------|-----|---------|-----|-----|
| | VOLTAGE 60 Hz | P1 MAX W | P2 NOMINAL | | In A | | |
| | | | kW | HP | | | |
| DCP-GE 65-2280/A/BAQE/3 T MCE30/C IE2 | 3x460 V ~ | 3,89 | 3 | 4 | 7,1 | 65 | 65 |
| DCP-GE 65-2640/A/BAQE/4 T MCE55/C IE2 | 3x460 V ~ | 5,15 | 4 | 5,5 | 9,7 | 65 | 65 |
| DCP-GE 65-3400/A/BAQE/5.5 T MCE55/C IE2 | 3x460 V ~ | 6,72 | 5,5 | 7,7 | 12,9 | 65 | 65 |
| DCP-GE 65-4100/A/BAQE/7.5 T MCE110/C IE2 | 3x460 V ~ | 9,14 | 7,5 | 10 | 17,8 | 65 | 65 |
| DCP-GE 65-4700/A/BAQE/11 T MCE110/C IE2 | 3x460 V ~ | 14,84 | 11 | 15 | 29,4 | 65 | 65 |
| DCP-GE 65-5500/A/BAQE/15 T MCE150/C IE2 | 3x460 V ~ | 19,27 | 15 | 20 | 38,3 | 65 | 65 |
| DCP-GE 80-2050/A/BAQE/4 T MCE55/C IE2 | 3x460 V ~ | 5,57 | 4 | 5,5 | 10,5 | 80 | 80 |
| DCP-GE 80-2400/A/BAQE/5.5 T MCE55/C IE2 | 3x460 V ~ | 6,72 | 5,5 | 7,5 | 12,9 | 80 | 80 |
| DCP-GE 80-2770/A/BAQE/7.5 T MCE110/C IE2 | 3x460 V ~ | 9,14 | 7,5 | 10 | 17,8 | 80 | 80 |
| DCP-GE 80-3250/A/BAQE/11 T MCE110/C IE2 | 3x460 V ~ | 13,18 | 11 | 15 | 26,0 | 80 | 80 |
| DCP-GE 80-4000/A/BAQE/15 T MCE150/C IE2 | 3x460 V ~ | 17,33 | 15 | 20 | 34,4 | 80 | 80 |
| DCP-GE100-2350/A/BAQE/7.5 T MCE110/C IE2 | 3x460 V ~ | 9,14 | 7,5 | 10 | 17,8 | 100 | 100 |
| DCP-GE 100-2400/A/BAQE/11 T MCE110/C IE2 | 3x460 V ~ | 14,15 | 11 | 15 | 28,0 | 100 | 100 |
| DCP-GE 100-3050/A/BAQE/15 T MCE150/C IE2 | 3x460 V ~ | 17,97 | 15 | 20 | 35,7 | 100 | 100 |

CPE / CP-GE / DCPE / DCP-GE

ELECTRONIC IN-LINE PUMPS

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

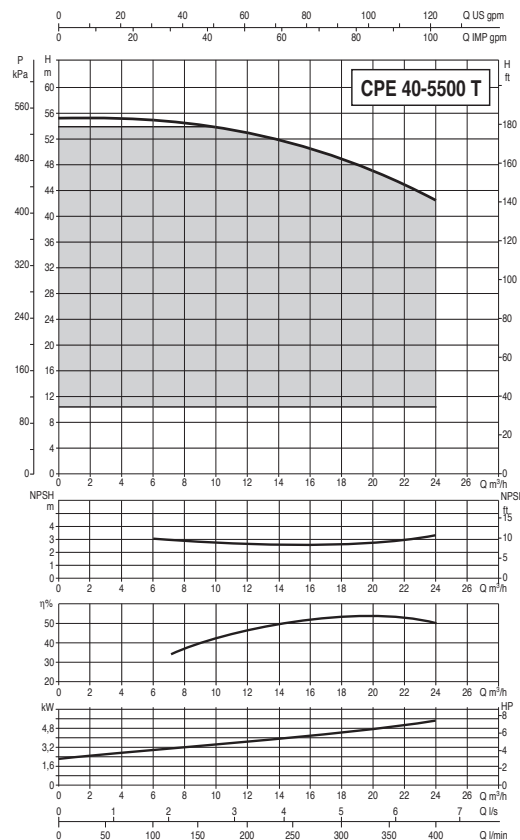
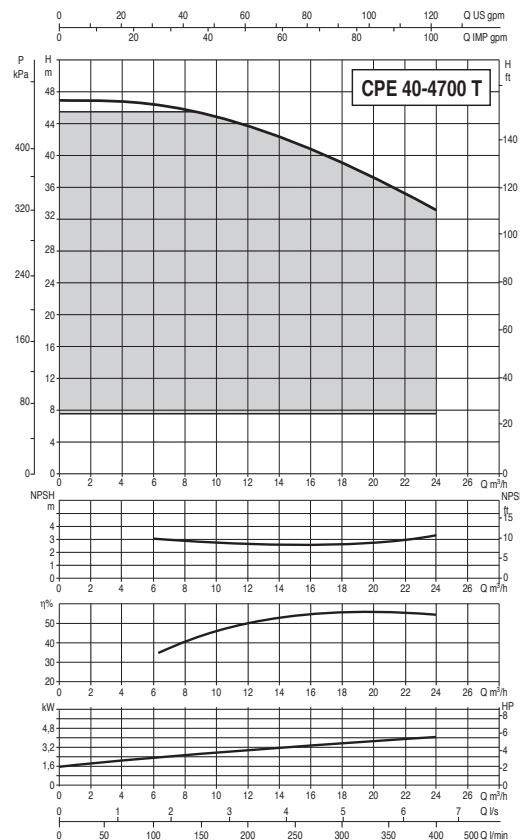
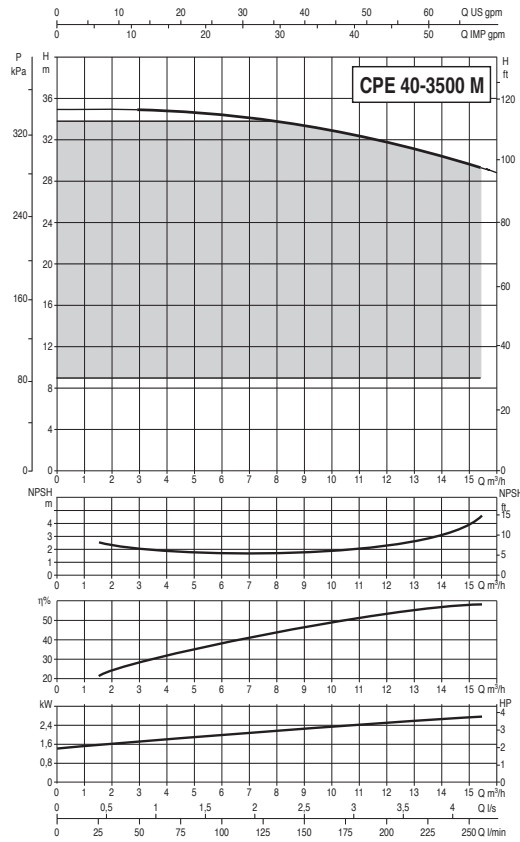
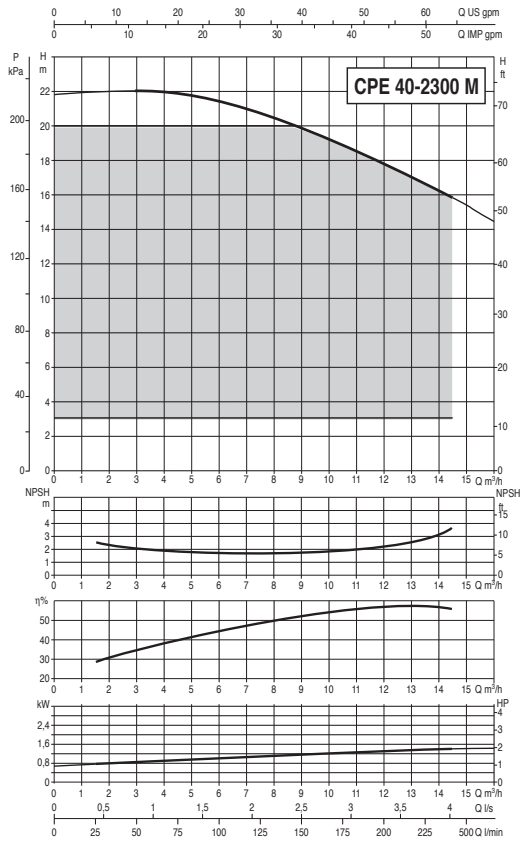
SWIMMING POOL, POND AND SALT WATER PUMPS

CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS



The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

CPE / CP-GE / DCPE / DCP-GE

ELECTRONIC IN-LINE PUMPS

DCONNECT

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MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

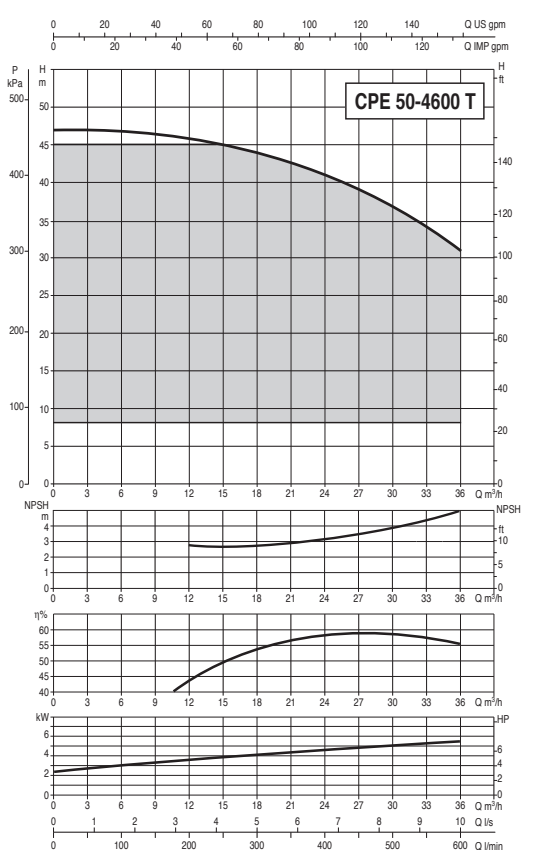
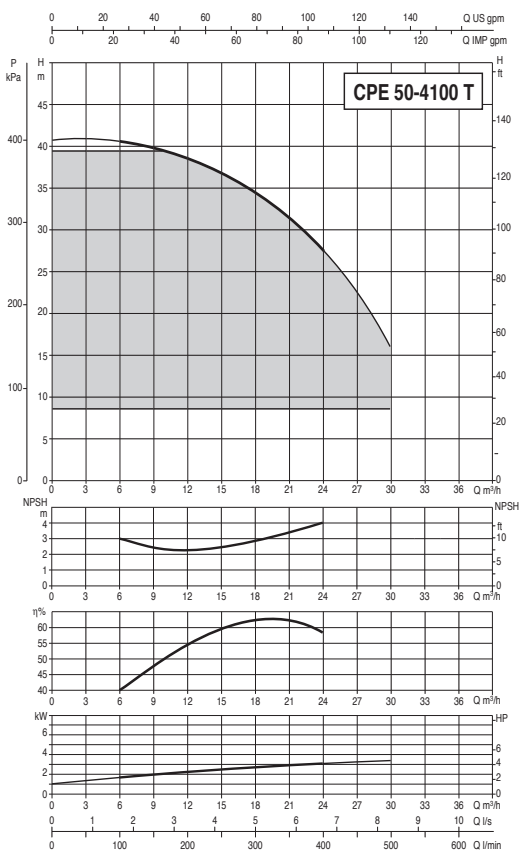
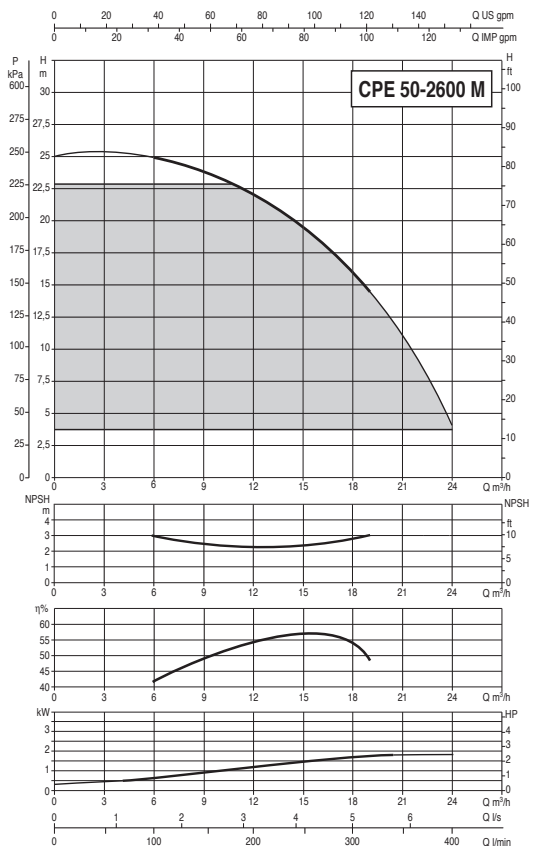
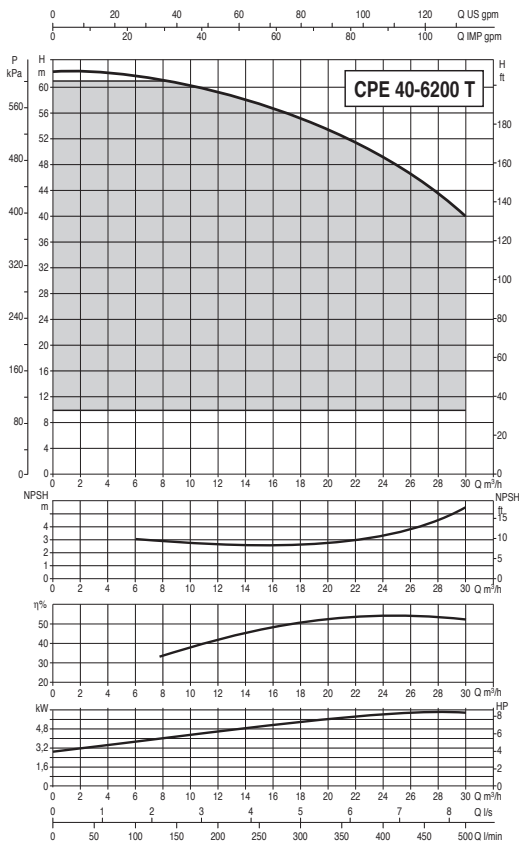
SWIMMING POOL, POND AND SALT WATER PUMPS

CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

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CPE / CP-GE / DCPE / DCP-GE ELECTRONIC IN-LINE PUMPS

DCONNECT

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CONTROL SYSTEMS

CIRCULATORS AND
IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL
AND SELF-PRIMING PUMPS

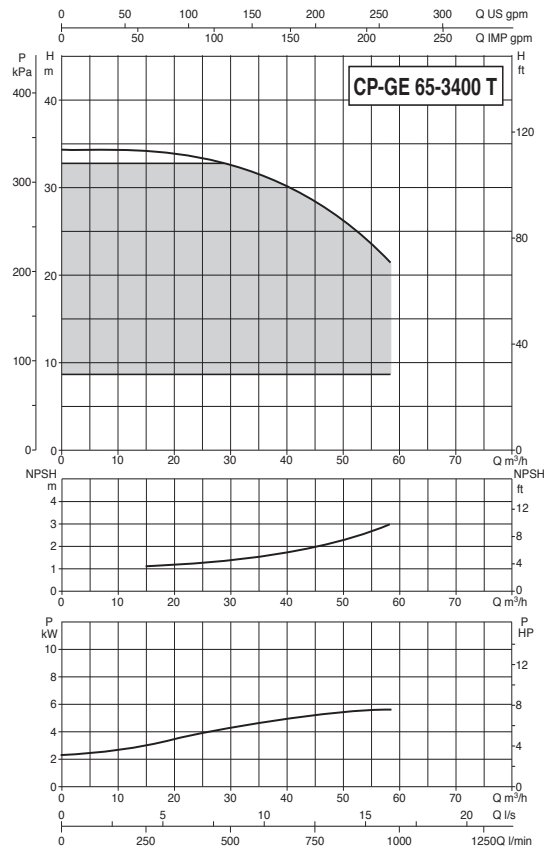
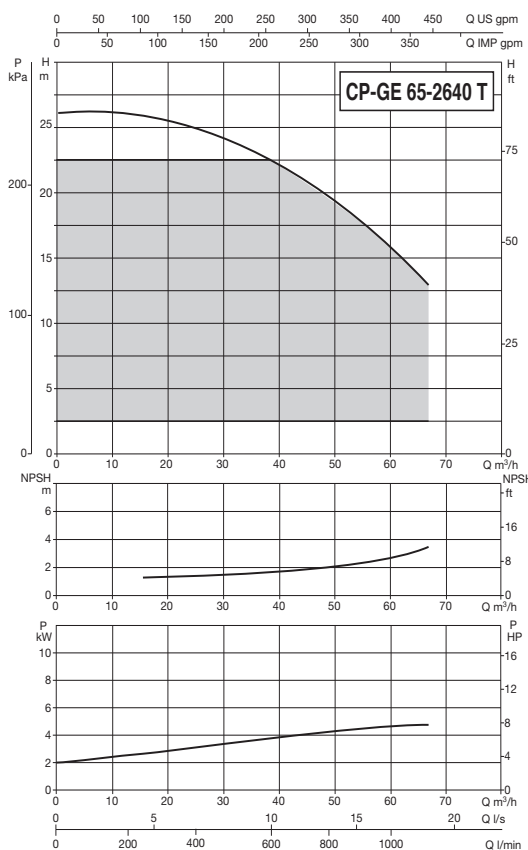
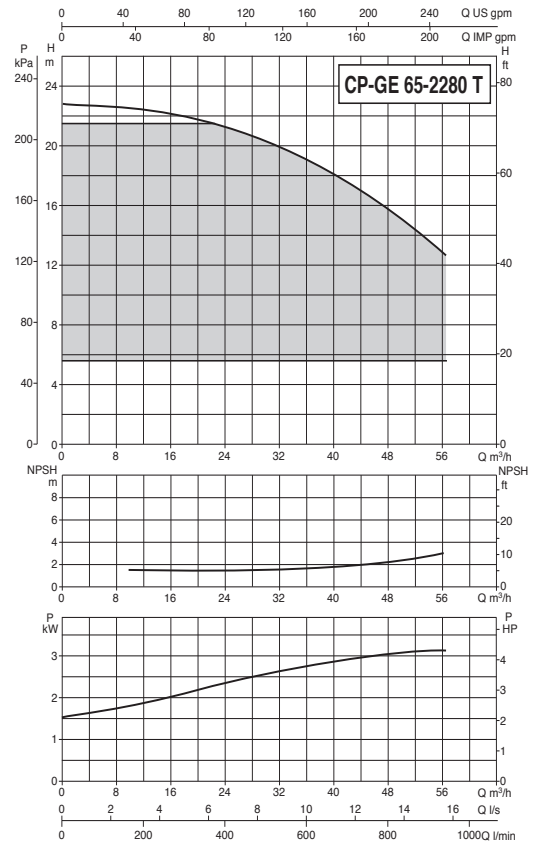
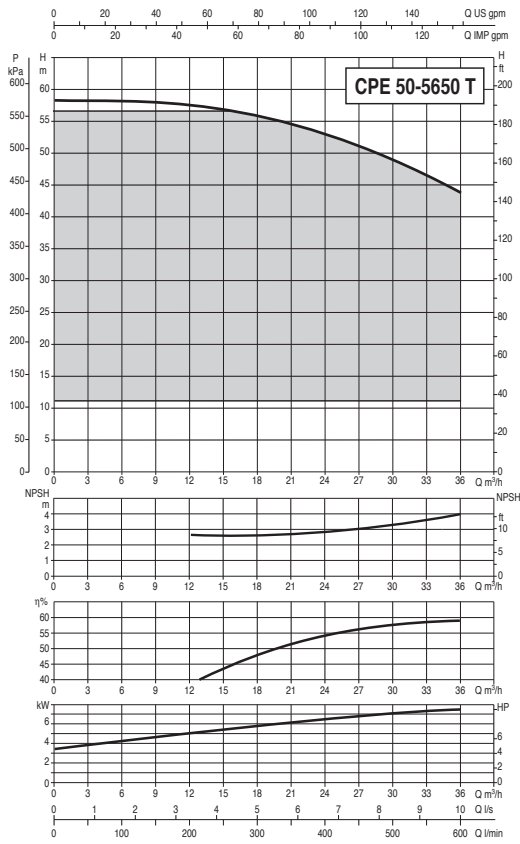
SWIMMING POOL, POND AND
SALT WATER PUMPS

CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS
AND SUBMERSIBLE MOTORS

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ELECTRONIC IN-LINE PUMPS

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CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

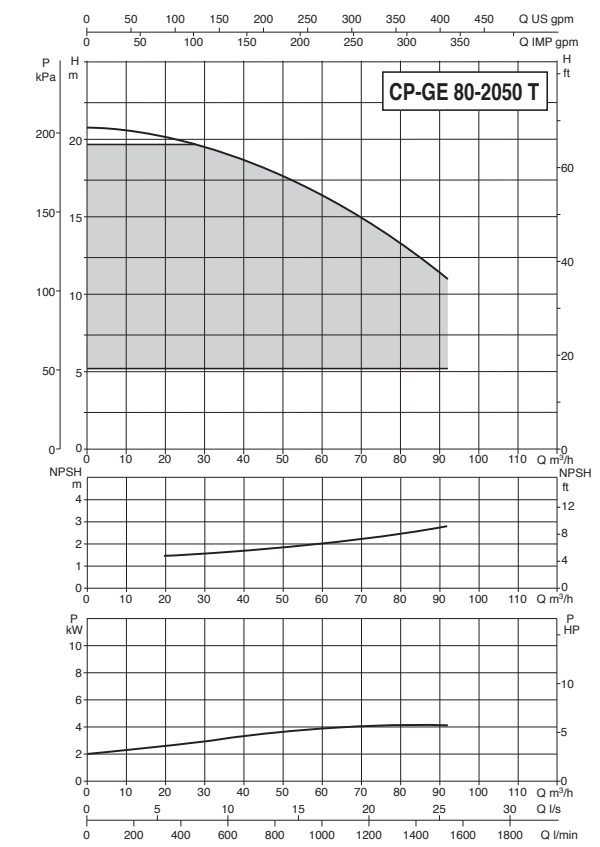
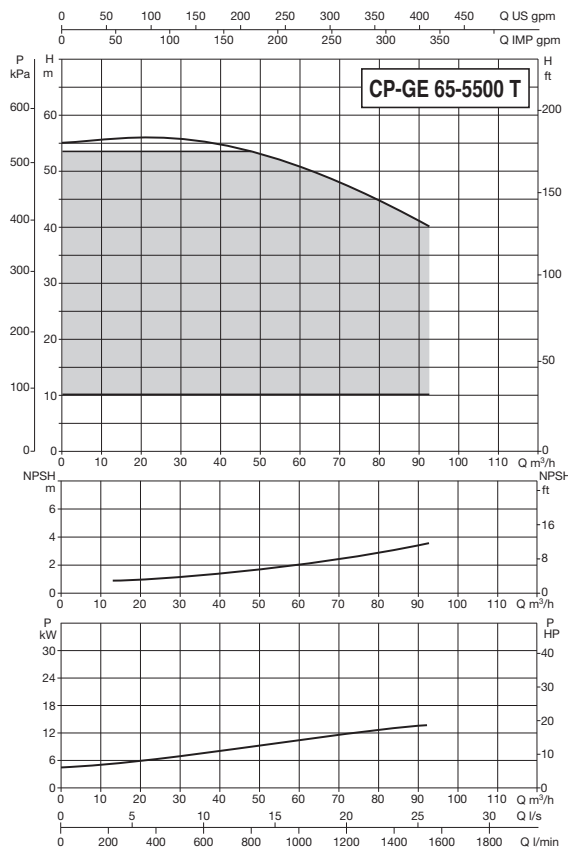
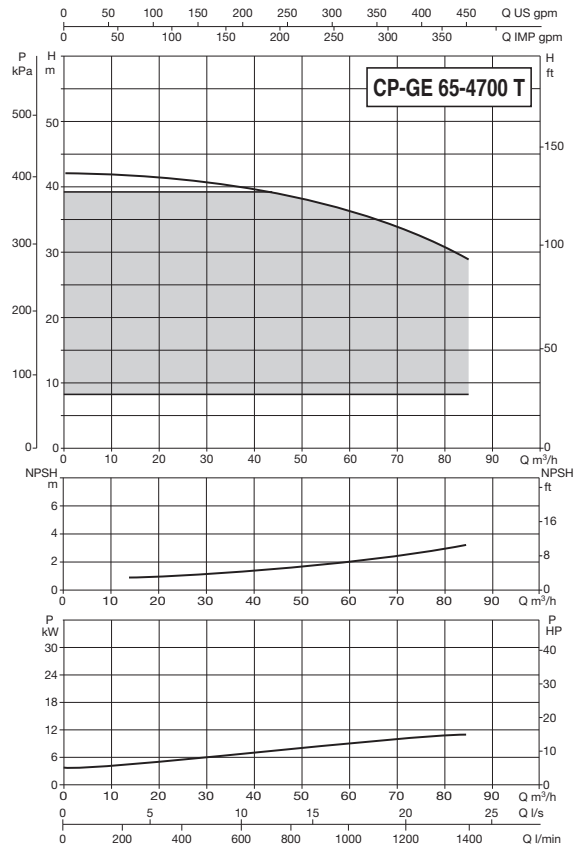
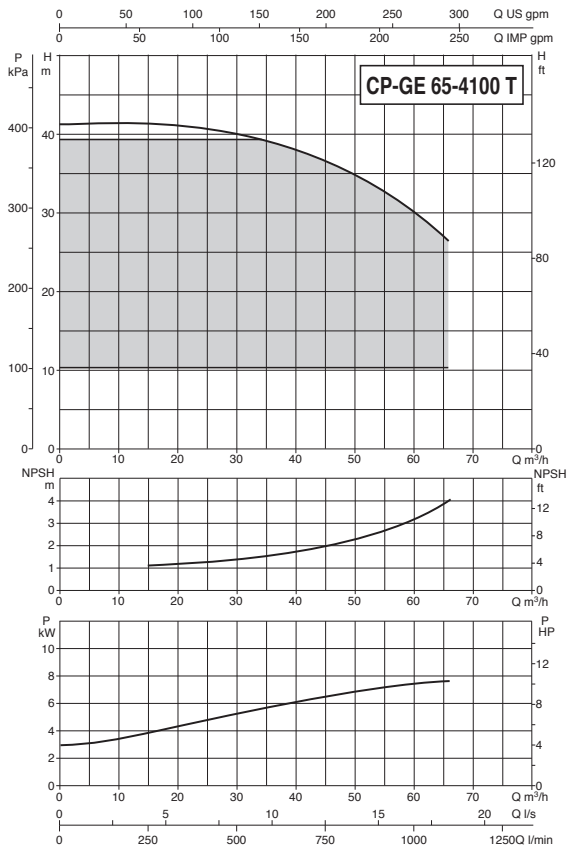
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CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

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CPE / CP-GE / DCPE / DCP-GE ELECTRONIC IN-LINE PUMPS

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COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

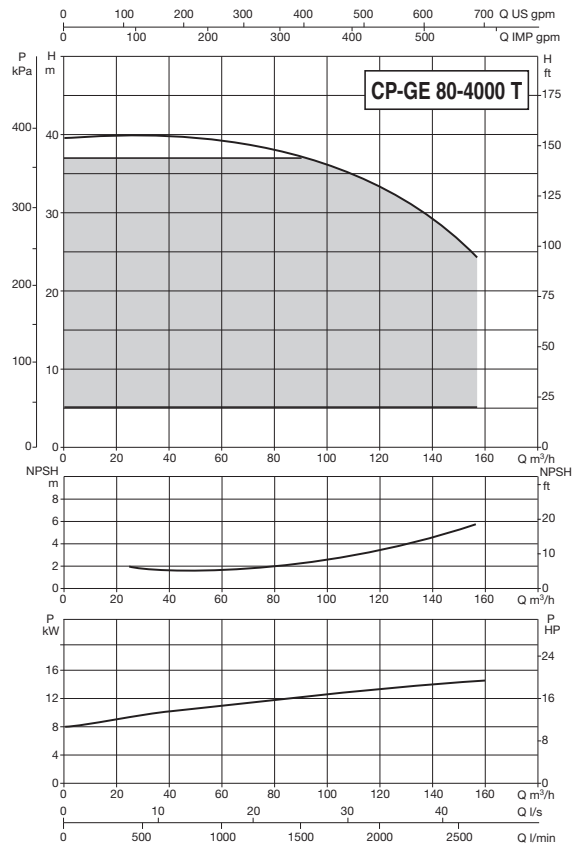
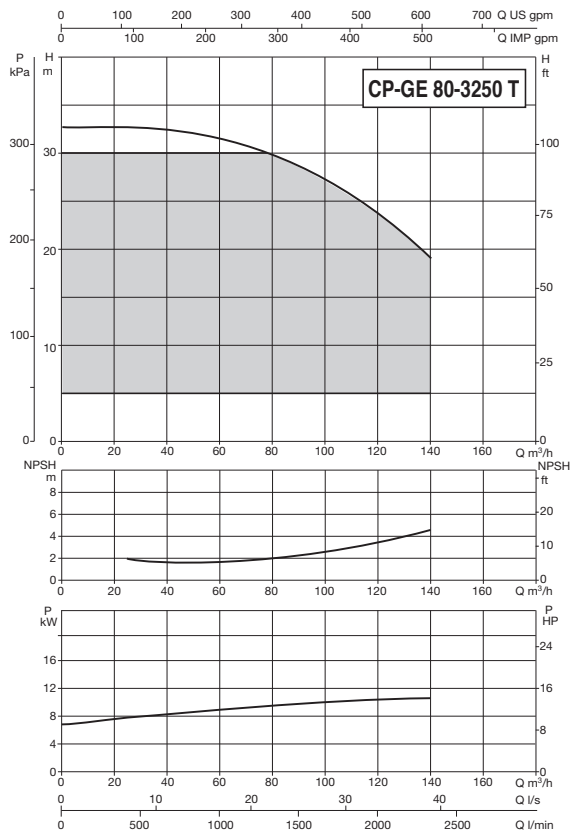
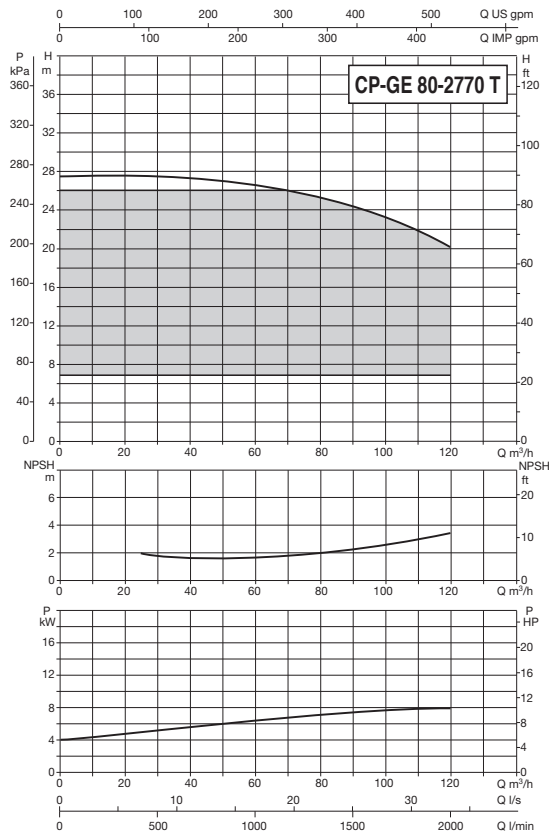
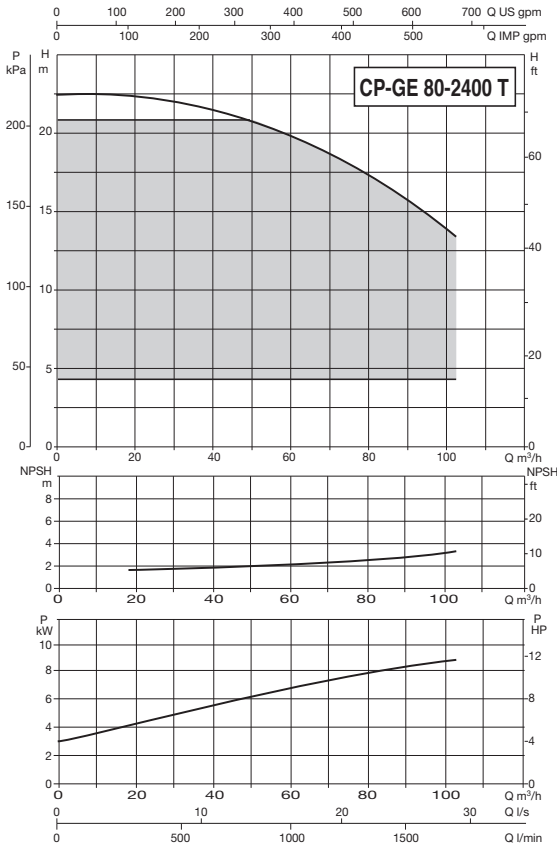
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CPE / CP-GE / DCPE / DCP-GE

ELECTRONIC IN-LINE PUMPS

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MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

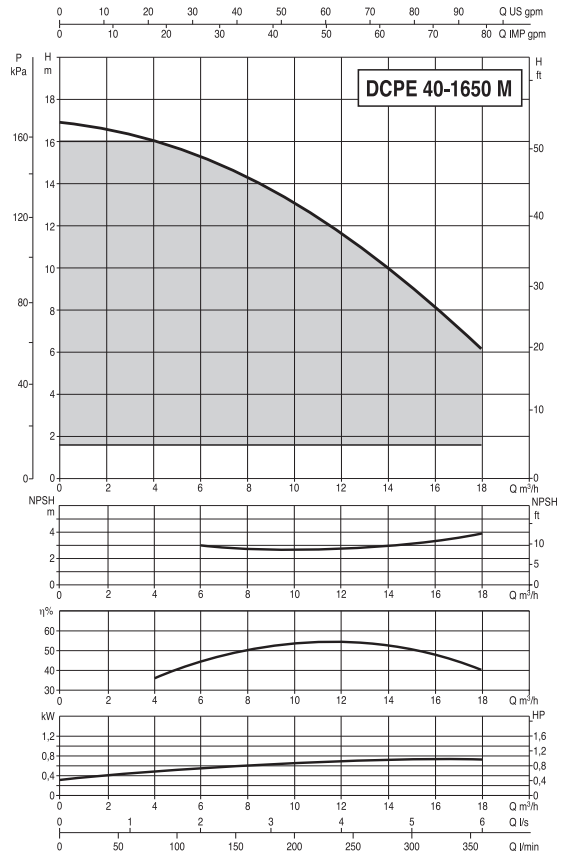
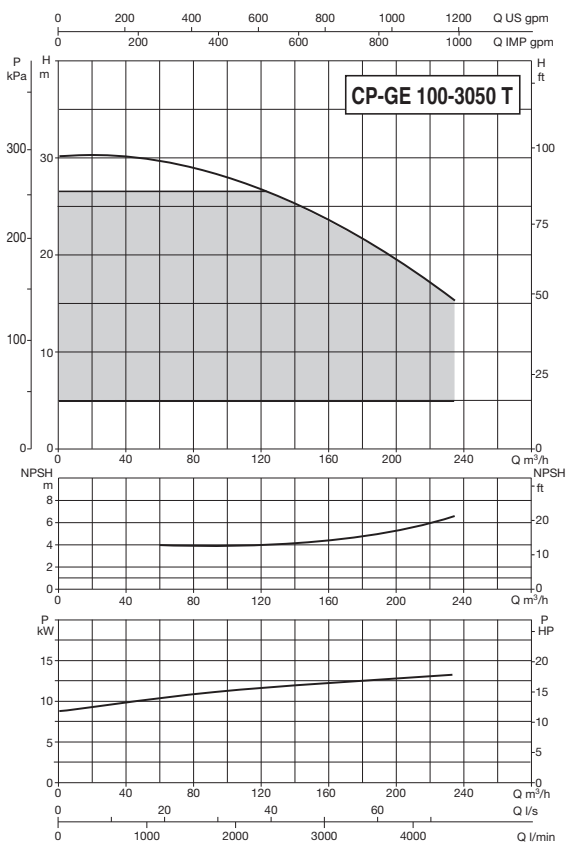
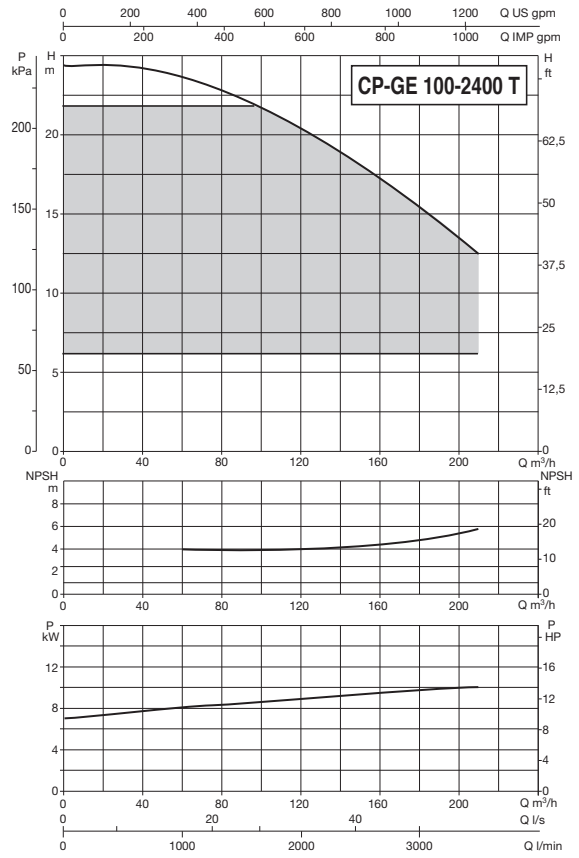
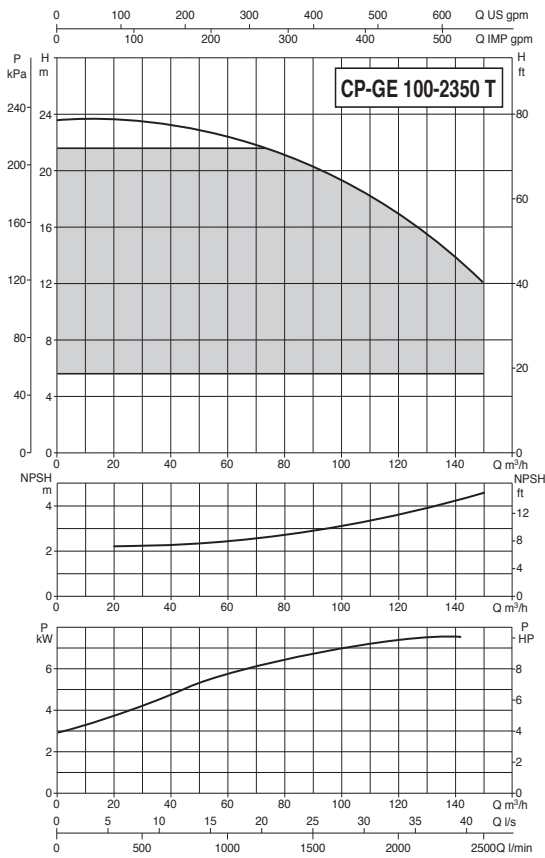
SWIMMING POOL, POND AND SALT WATER PUMPS

CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

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CPE / CP-GE / DCPE / DCP-GE

ELECTRONIC IN-LINE PUMPS

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MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

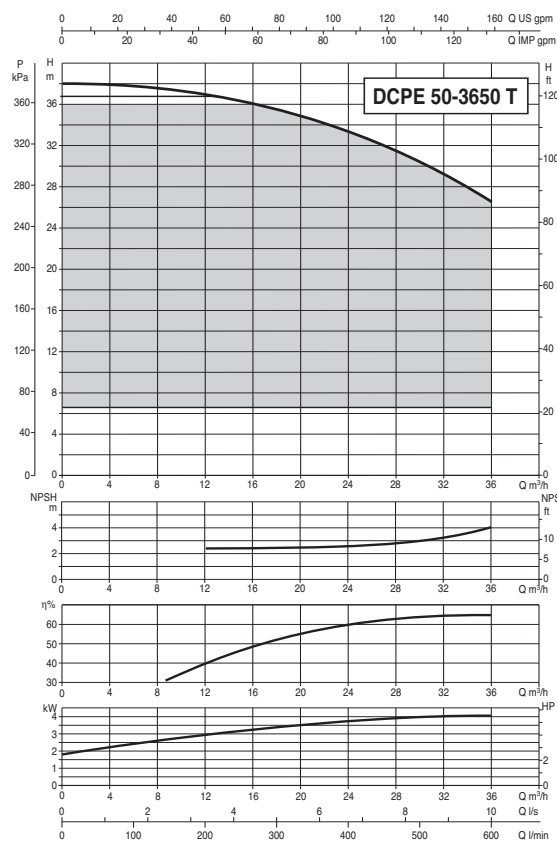
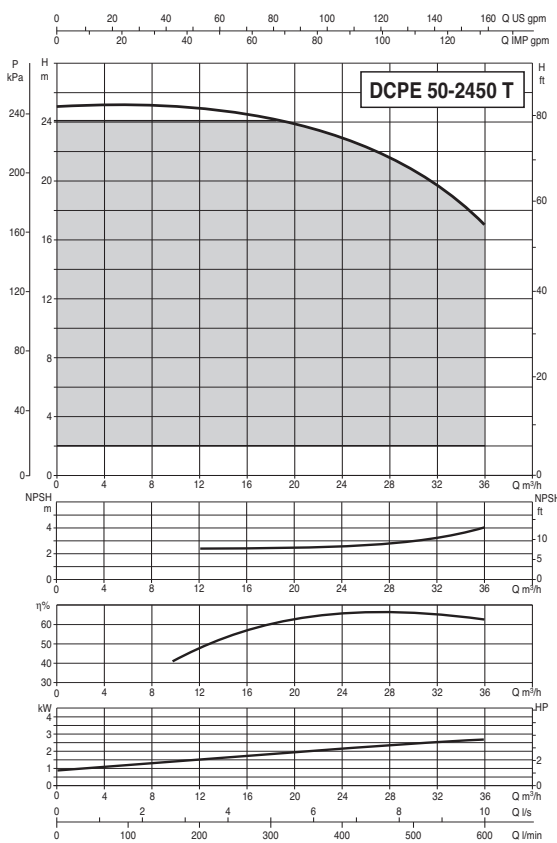
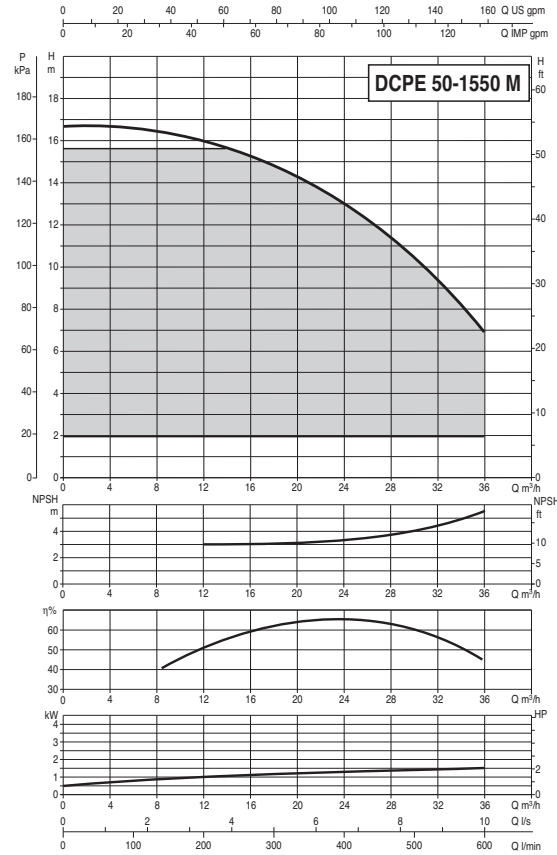
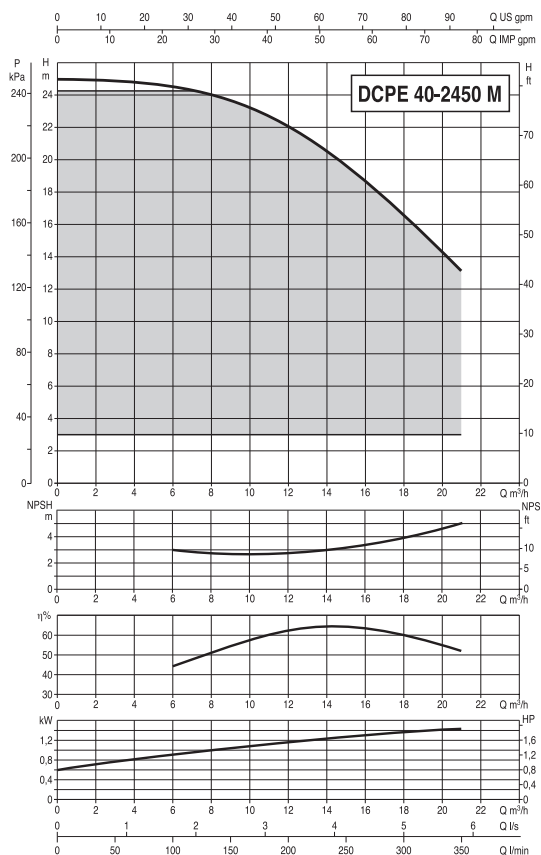
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CPE / CP-GE / DCPE / DCP-GE

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MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

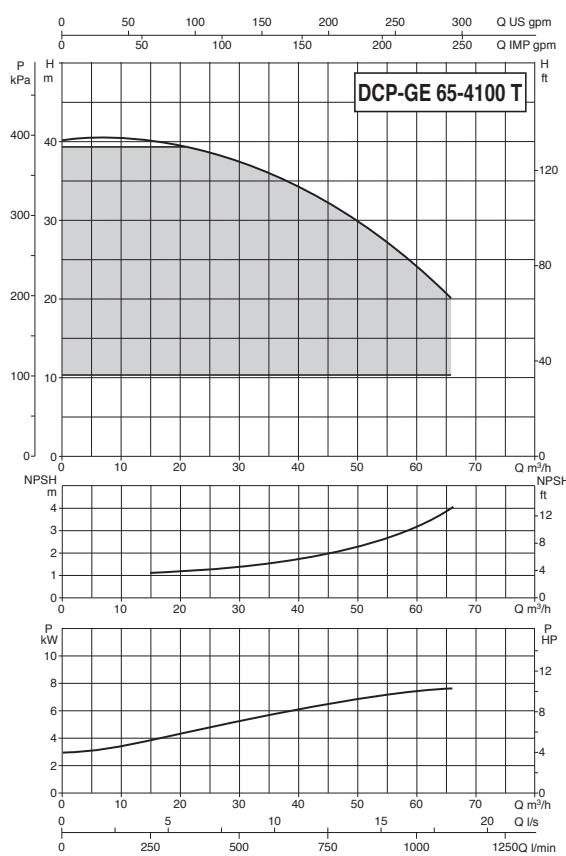
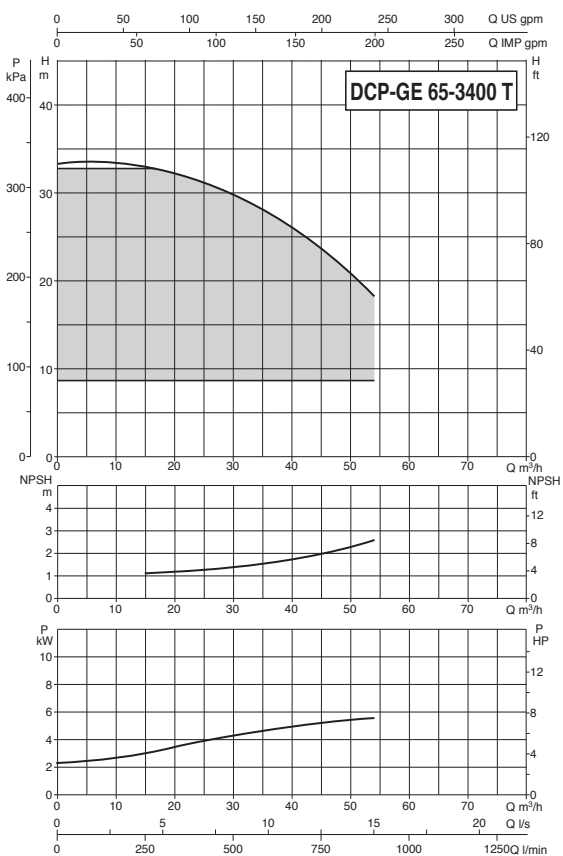
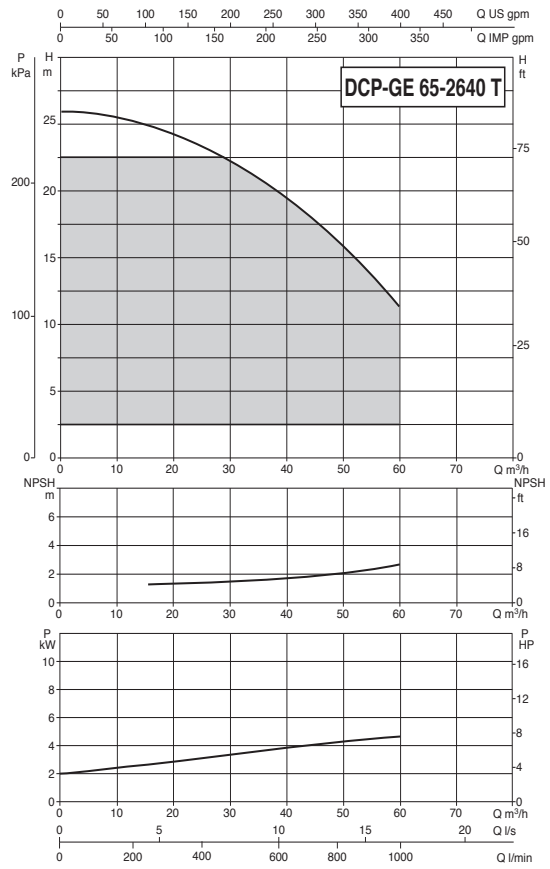
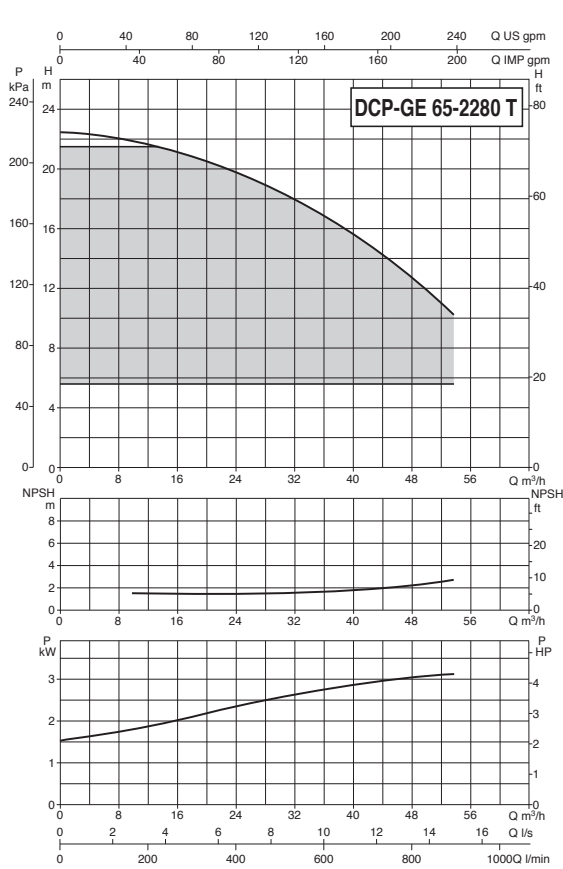
SWIMMING POOL, POND AND SALT WATER PUMPS

CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS



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CPE / CP-GE / DCPE / DCP-GE ELECTRONIC IN-LINE PUMPS

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

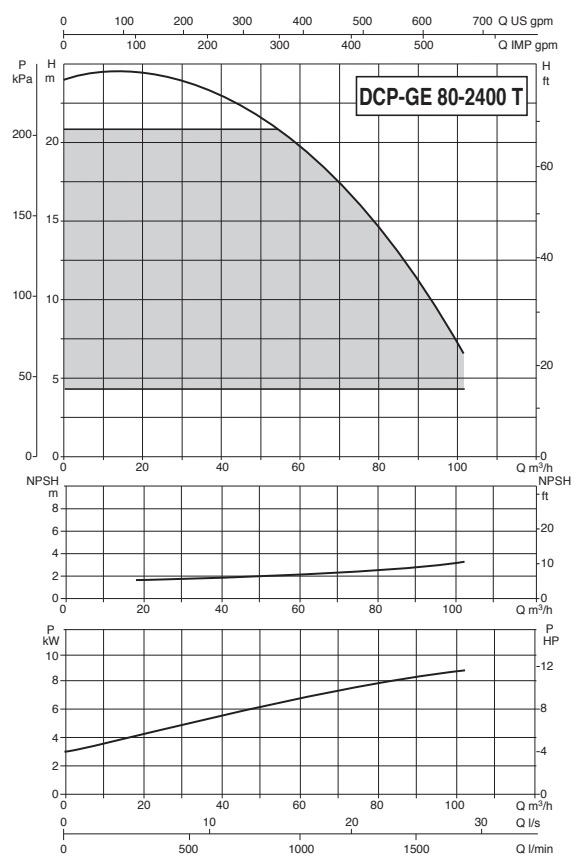
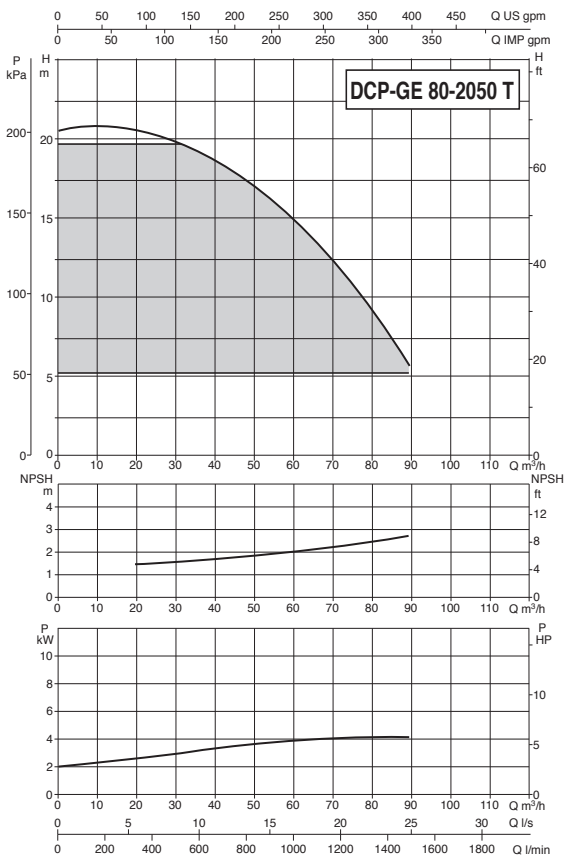
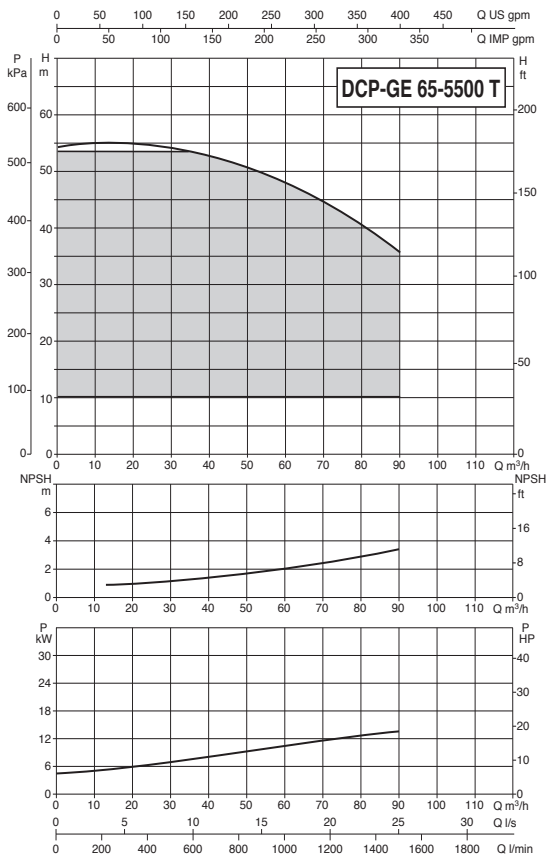
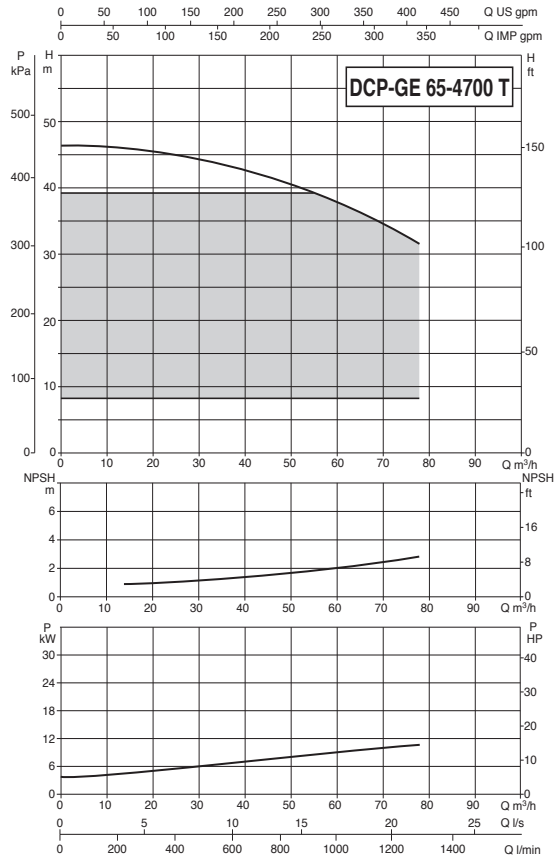
SWIMMING POOL, POND AND SALT WATER PUMPS

CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS



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CPE / CP-GE / DCPE / DCP-GE

ELECTRONIC IN-LINE PUMPS

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

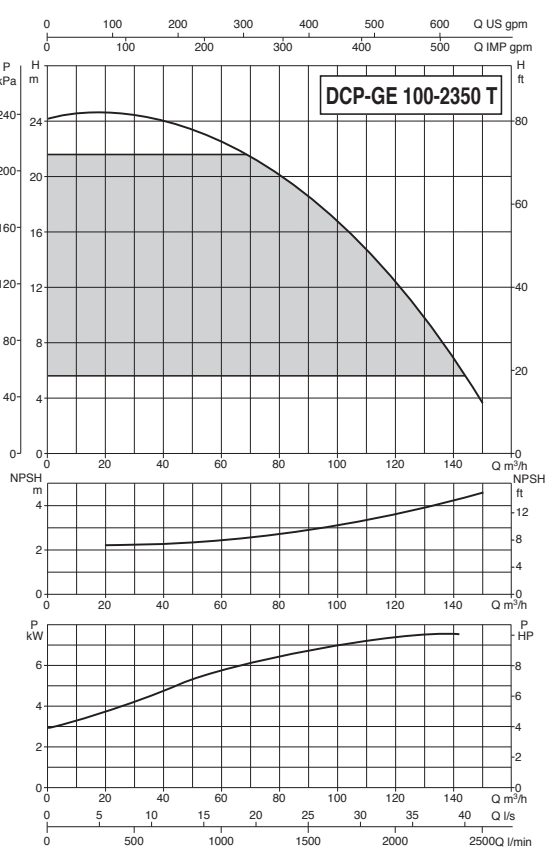
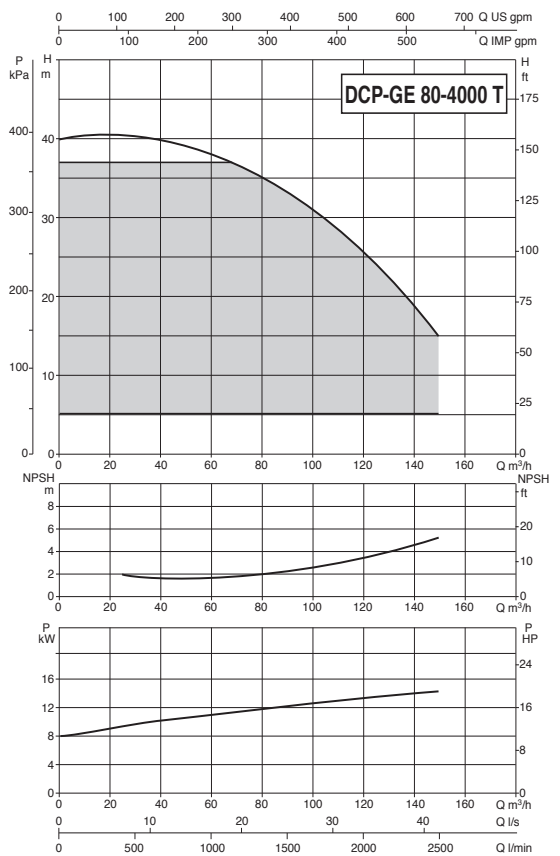
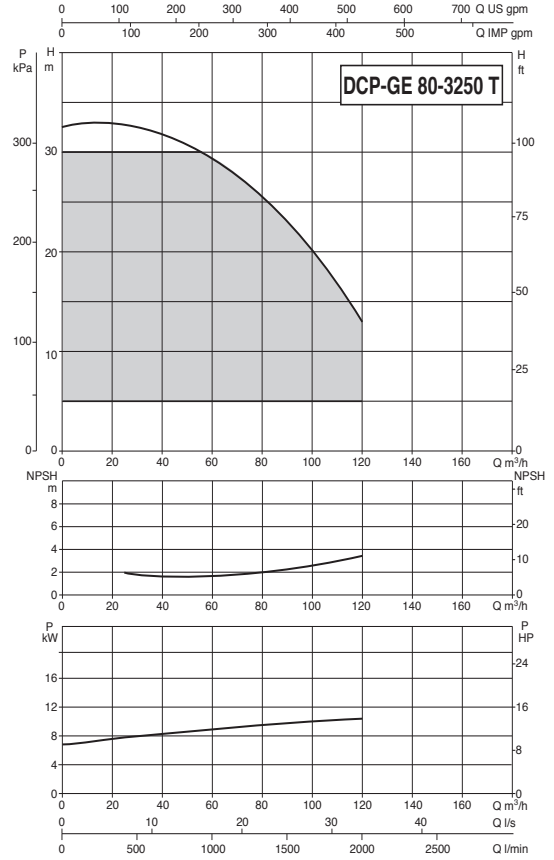
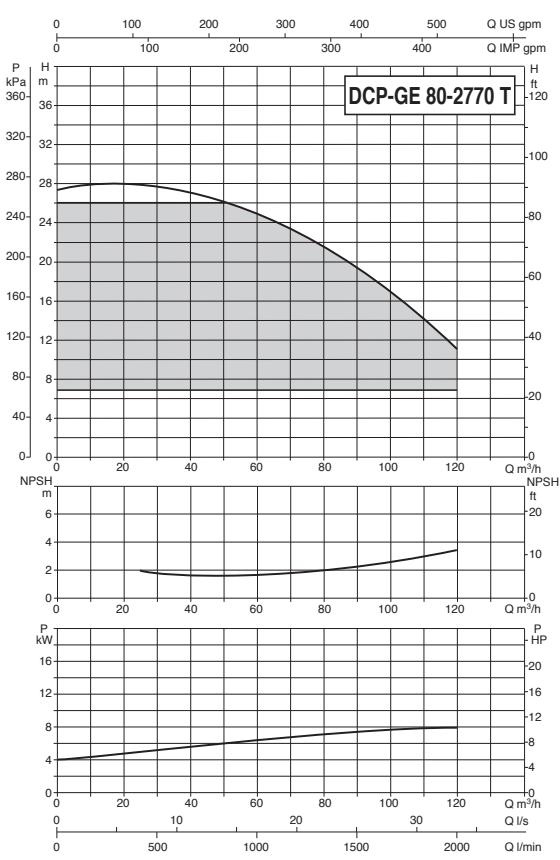
SWIMMING POOL, POND AND SALT WATER PUMPS

CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

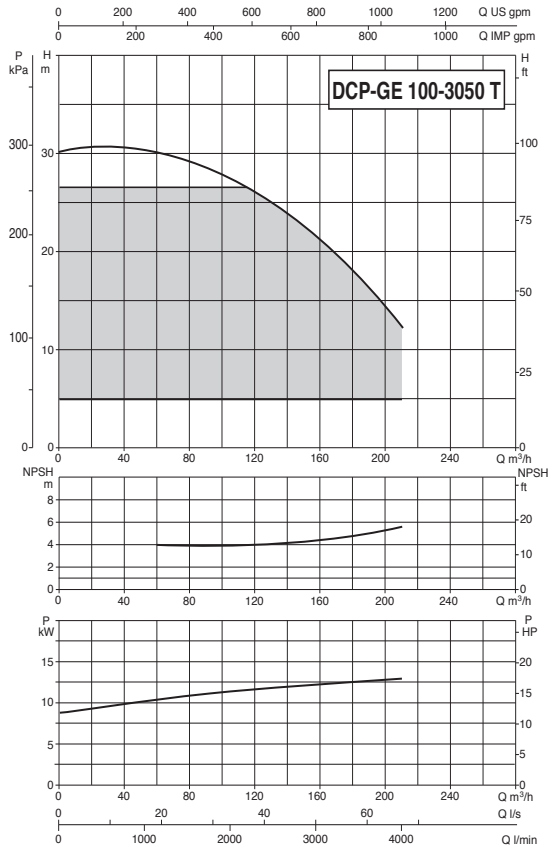
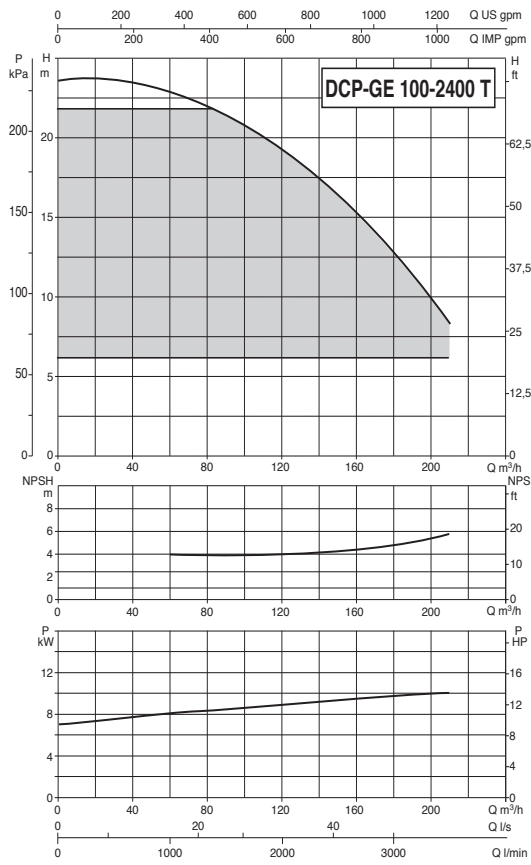
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CPE / CP-GE / DCPE / DCP-GE

ELECTRONIC IN-LINE PUMPS



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CPE / CP-GE / DCPE / DCP-GE

PERFORMANCE RANGE

CPE - CP-GE - HEATING SYSTEMS, AIR CONDITIONING, SOLAR PANEL AND DOMESTIC HOT WATER

| MODEL | P2 NOMINAL | | Q (m³/h) (l/min) | 0 | 3,6 | 4,8 | 6 | 12 | 18 | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | 72 | 78 | 84 | 90 | 102 | 114 | 120 | 150 | 180 | 210 | | |
|--------------------------------------|------------|-----|---------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|
| | KW | HP | | 0 | 60 | 80 | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1700 | 1900 | 2000 | 2500 | 3000 | 3500 | | |
| CPE 40/2300 M MCE11/C | 1,1 | 1,5 | H (m) | 21,8 | 21,8 | 21,3 | 21 | 18 | | | | | | | | | | | | | | | | | | | | | |
| CPE 40/3500 M MCE22/C | 2,2 | 3 | | 34,8 | 34,9 | 34,7 | 34,2 | 31,7 | | | | | | | | | | | | | | | | | | | | | |
| CPE 40/4700 T MCE55/C | 4 | 5,5 | | | | | 47 | 44 | 39,5 | 35 | | | | | | | | | | | | | | | | | | | |
| CPE 40/5500 T MCE55/C | 5,5 | 7,5 | | | | | 55 | 53 | 48 | 42 | | | | | | | | | | | | | | | | | | | |
| CPE 40/6200 T MCE110/C | 7,5 | 10 | | | | | 62 | 59 | 54 | 49 | | | | | | | | | | | | | | | | | | | |
| CPE 50/2600 M MCE15/C | 1,5 | 2 | | | | | 25 | 22 | 16 | | | | | | | | | | | | | | | | | | | | |
| CPE 50/4100 T MCE55/C | 4 | 5,5 | | | | | 40,7 | 38,5 | 34,5 | 27,7 | | | | | | | | | | | | | | | | | | | |
| CPE 50/4600 T MCE55/C | 5,5 | 7,5 | | | | | | | 44 | 41,5 | 37 | 31 | | | | | | | | | | | | | | | | | |
| CPE 50/5650 T MCE110/C | 7,5 | 10 | | | | | | | 55,5 | 53 | 49 | 44 | | | | | | | | | | | | | | | | | |
| CP-GE 65-2280/A/BAQE/3 T MCE30/C | 3 | 4 | | 22,8 | | | 22,5 | 22,3 | 22 | 21,2 | 20,2 | 19 | 17,4 | 15,5 | 13,5 | | | | | | | | | | | | | | |
| CP-GE 65-2640/A/BAQE/4 T MCE55/C | 4 | 5,5 | | 26,4 | | | 26,2 | 26 | 25,6 | 25 | 24 | 23 | 21,5 | 19,5 | 17,5 | 15 | | | | | | | | | | | | | |
| CP-GE 65-3400/A/BAQE/5.5 T MCE55/C | 5,5 | 7,5 | | 34 | | | | | 34 | 33,5 | 32,5 | 31 | 29,5 | 27 | 24 | | | | | | | | | | | | | | |
| CP-GE 65-4100/A/BAQE/7.5 T MCE110/C | 7,5 | 10 | | 41 | | | | | 41 | 41 | 40 | 39 | 37,5 | 35,5 | 33 | 30 | 26,5 | | | | | | | | | | | | |
| CP-GE 65-4700/A/BAQE/11 T MCE110/C | 11 | 15 | | 47 | | | | | | | 45,5 | 45 | 44,3 | 43,3 | 42 | 40,8 | 39 | 37 | 35 | 32,3 | | | | | | | | | |
| CP-GE 65-5500/A/BAQE/15 T MCE150/C | 15 | 20 | | 55 | | | | | | | 56 | 55,5 | 54 | 53,5 | 52 | 51 | 49 | 47,5 | 45,5 | 43 | 41 | | | | | | | | |
| CP-GE 80-2050/A/BAQE/4 T MCE55/C | 4 | 5,5 | | 20,5 | | | | | | 20 | 19,5 | 19,1 | 18,5 | 18 | 17,5 | 16,5 | 15,8 | 14,8 | 14 | 12,5 | 11,5 | | | | | | | | |
| CP-GE 80-2400/A/BAQE/5.5 T MCE55/C | 5,5 | 7,5 | | 24 | | | | | | 23,6 | 23,5 | 23,2 | 22,8 | 22,2 | 21,5 | 21 | 20 | 19,1 | 18,5 | 17,5 | 16,5 | 13,4 | | | | | | | |
| CP-GE 80-2770/A/BAQE/7.5 T MCE110/C | 7,5 | 10 | | 27,7 | | | | | | | | | | 27,5 | 27,3 | 27,1 | 26,7 | 25,8 | 25,6 | 24,9 | 24,5 | 23 | 21,2 | 20,1 | | | | | |
| CP-GE 80-3250/A/BAQE/11 T MCE110/C | 11 | 15 | | 32,5 | | | | | | | | | | 32,2 | 32 | 31,8 | 31,3 | 30,2 | 30 | 29,2 | 28,7 | 27 | 24,8 | 23,6 | | | | | |
| CP-GE 80-4000/A/BAQE/15 T MCE150/C | 15 | 20 | | 40 | | | | | | | | | | 40,2 | 40 | 39,8 | 39,5 | 39 | 38,5 | 38,2 | 37,5 | 36 | 34,5 | 33,5 | 26,9 | | | | |
| CP-GE 100-2350/A/BAQE/7.5 T MCE110/C | 7,5 | 10 | 23,5 | | | | | | | | 23,1 | 23 | 22,8 | 22,6 | 22,5 | 22 | 21,6 | 21,1 | 20,7 | 20,2 | 19 | 17,5 | 14,8 | 12 | | | | | |
| CP-GE 100-2400/A/BAQE/11 T MCE110/C | 11 | 15 | 24 | | | | | | | | | | | | | | | | | 22 | 21,4 | 20,4 | 20 | 17,4 | 16,8 | 12 | | | |
| CP-GE 100-3050/A/BAQE/15 T MCE110/C | 15 | 20 | 30,5 | | | | | | | | | | | | | | | | | | 29 | 28,4 | 27,5 | 27 | 24,5 | 21,3 | 18,3 | | |

DCONNECT
 COMMAND AND CONTROL SYSTEMS
 CIRCULATORS AND IN-LINE PUMPS
 MULTISIZE CENTRIFUGAL AND SELF-PRIMING PUMPS
 SWIMMING POOL, POND AND SALT WATER PUMPS
 CENTRIFUGAL PUMPS
 SUBMERSIBLE PUMPS
 SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS
 PRESSURE UNITS

CPE / CP-GE / DCPE / DCP-GE

PERFORMANCE RANGE

DCPE - HEATING SYSTEMS, AIR CONDITIONING, SOLAR PANEL AND DOMESTIC HOT WATER

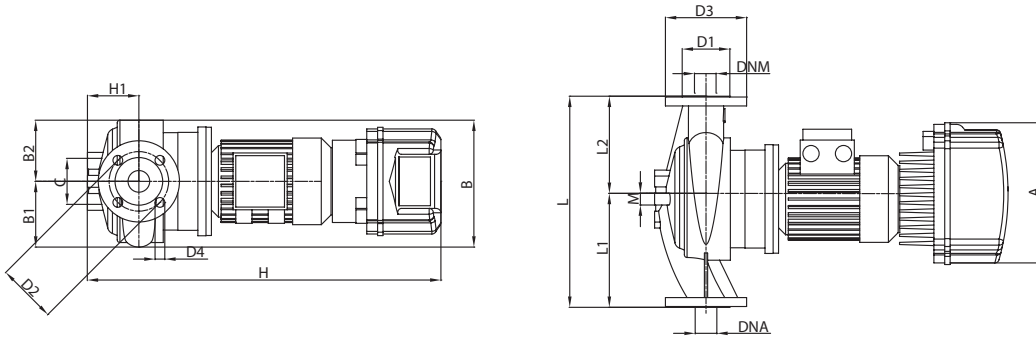
| MODEL | P2 NOMINAL | | Q (m³/h) (l/min) | 6 | 7,5 | 9 | 10,5 | 12 | 13,5 | 15 | 18 | 21 | 24 | 27 | 30 | 36 | 42 | 48 | 54 | 60 | 75 | 90 | 105 | 120 | 135 | 150 | 165 | 180 | 195 | 210 | 225 | 225 | |
|------------------------|------------|-----|---------------------|------|------|------|------|------|------|-----|------|------|------|------|------|------|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|--|
| | kW | HP | | 100 | 125 | 150 | 175 | 200 | 225 | 250 | 300 | 350 | 400 | 450 | 500 | 600 | 700 | 800 | 900 | 1000 | 1250 | 1500 | 1750 | 2000 | 2250 | 2500 | 2750 | 3000 | 3250 | 3500 | 3750 | 4000 | |
| DCPE 40/1650 M MCE11/C | 0,8 | 1 | H (m) | 16,5 | 15,5 | 14,5 | 13,5 | 12,3 | 11 | 9,5 | 6 | | | | | | | | | | | | | | | | | | | | | | |
| DCPE 40/2450 M MCE15/C | 1,5 | 2 | | 24,5 | 24 | 23,5 | 23 | 22 | 21 | 20 | 16,5 | 13 | | | | | | | | | | | | | | | | | | | | | |
| DCPE 50/1550 M MCE15/C | 1,5 | 2 | | | | | | | | | 15,5 | 15 | 14,1 | 13 | 11,8 | 10,5 | 7 | | | | | | | | | | | | | | | | |
| DCPE 50/2450 T MCE30/C | 3 | 4 | | | | | | | | | 24,5 | 24 | 23,5 | 23 | 22 | 20,5 | 17 | | | | | | | | | | | | | | | | |
| DCPE 50/3650 T MCE55/C | 4 | 5,5 | | | | | | | | | 36,5 | 35,5 | 34,5 | 33,5 | 32,5 | 31 | 27 | | | | | | | | | | | | | | | | |

DCP-GE - HEATING SYSTEMS, AIR CONDITIONING, SOLAR PANEL AND DOMESTIC HOT WATER

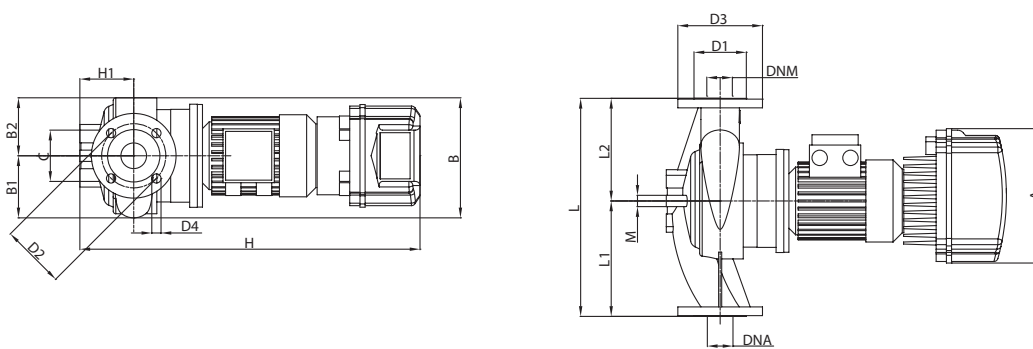
| MODEL | Q (m³/h) (l/min) | 0 | 6 | 12 | 18 | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | 72 | 78 | 84 | 90 | 102 | 114 | 120 | 150 | 180 | 210 | |
|--|---------------------|------|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | 0 | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1700 | 1900 | 2000 | 2500 | 3000 | 3500 | |
| DCP-GE 65-2280/A/ BAQE/3 T MCE30/C IE2 | H (m) | 22,3 | | | 21,1 | 19,9 | 18,4 | 16,8 | 14,7 | 12,5 | 10,2 | | | | | | | | | | | | | |
| DCP-GE 65-2640/A/ BAQE/4 T MCE55/C IE2 | | 25,9 | | | 24,6 | 23,7 | 22,2 | 20,7 | 18,8 | 16,4 | 14,0 | 11,4 | | | | | | | | | | | | |
| DCP-GE 65-3400/A/ BAQE/5,5 T MCE55/C IE2 | | 33,3 | | | 32,5 | 31,4 | 29,7 | 27,4 | 25,0 | 21,7 | 18,2 | | | | | | | | | | | | | |
| DCP-GE 65-4100/A/ BAQE/7,5 T MCE110/C IE2 | | 40,2 | | | 39,6 | 39,0 | 37,4 | 35,7 | 33,4 | 30,7 | 27,5 | 23,9 | 20,1 | | | | | | | | | | | |
| DCP-GE 65-4700/A/ BAQE/11 T MCE110/C IE2 | | 46,4 | | | | | 44,3 | 43,6 | 42,6 | 41,3 | 39,6 | 38,1 | 35,9 | 33,6 | 31,3 | | | | | | | | | |
| DCP-GE 65-5500/A/ BAQE/15 T MCE150/C IE2 | | 54,3 | | | | | 54,7 | 53,9 | 52,1 | 51,2 | 49,4 | 48,0 | 45,6 | 43,7 | 41,3 | 38,4 | 36,1 | | | | | | | |
| DCP-GE 80-2050/A/ BAQE/4 T MCE55/C IE2 | | 20,1 | | | | 20,8 | 20,1 | 19,5 | 18,4 | 17,4 | 16,2 | 14,6 | 13,1 | 11,3 | 9,7 | 7,7 | 6,1 | | | | | | | |
| DCP-GE 80-2400/A/ BAQE/5,5 T MCE55/C IE2 | | 23,5 | | | | 24,5 | 24,4 | 23,9 | 23,1 | 22,1 | 20,8 | 19,6 | 17,9 | 16,3 | 14,8 | 13,0 | 11,2 | 7,1 | | | | | | |
| DCP-GE 80-2770/A/ BAQE/7,5 T MCE110/C IE2 | | 27,1 | | | | | | | | 26,6 | 26,0 | 25,3 | 24,3 | 22,8 | 21,9 | 20,5 | 19,3 | 16,2 | 13,0 | 11,3 | | | | |
| DCP-GE 80-3250/A/ BAQE/11 T MCE110/C IE2 | | 31,9 | | | | | | | | 31,2 | 30,5 | 29,7 | 28,5 | 26,7 | 25,6 | 24,0 | 22,6 | 19,1 | 15,2 | 13,2 | | | | |
| DCP-GE 80-4000/A/ BAQE/15 T MCE150/C IE2 | | 39,2 | | | | | | | | 39,7 | 39,1 | 38,5 | 37,7 | 36,7 | 35,6 | 34,6 | 33,2 | 30,1 | 26,9 | 25,1 | 15,1 | | | |
| DCP-GE100-2350/A/ BAQE/7,5 T MCE110/C IE2 | | 23,5 | | | | | | 24,5 | 24,4 | 24,0 | 23,6 | 23,1 | 22,2 | 21,4 | 20,4 | 19,4 | 18,3 | 15,7 | 12,9 | 11,7 | 4,5 | | | |
| DCP-GE 100-2400/A/ BAQE/11 T MCE110/C IE2 | | 23,6 | | | | | | | | | | | | | | | | 21,9 | 21,0 | 19,7 | 19,1 | 15,5 | 13,4 | 8,2 |
| DCP-GE 100-3050/A/ BAQE/15 T MCE150/C IE2 | | 30,0 | | | | | | | | | | | | | | | | 28,9 | 27,9 | 26,5 | 25,8 | 21,8 | 17,0 | 12,5 |

DIMENSIONS AND WEIGHTS

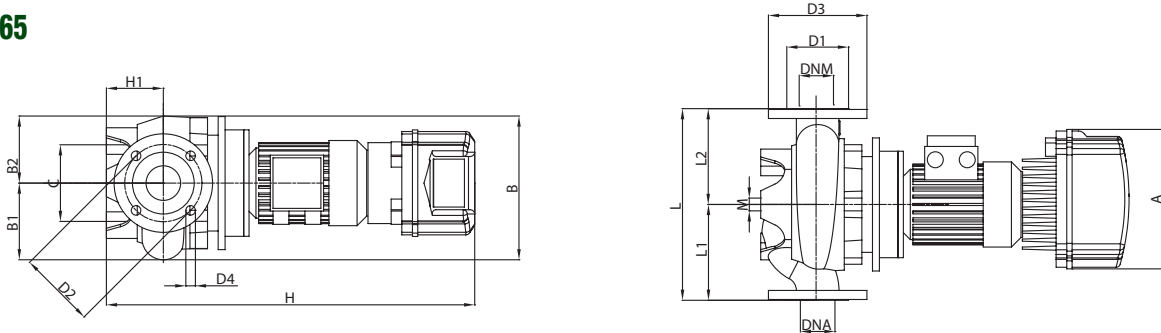
CPE 40



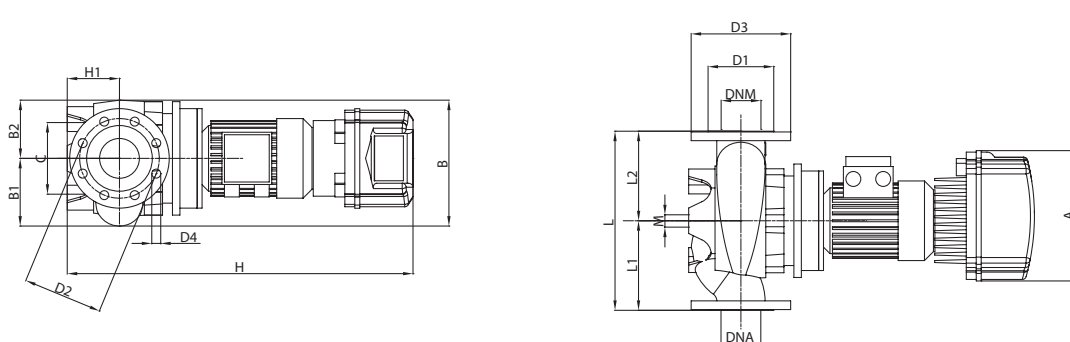
CPE 50



CP-GE 65



CP-GE 80



CPE / CP-GE / DCPE / DCP-GE

ELECTRONIC IN-LINE PUMPS

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

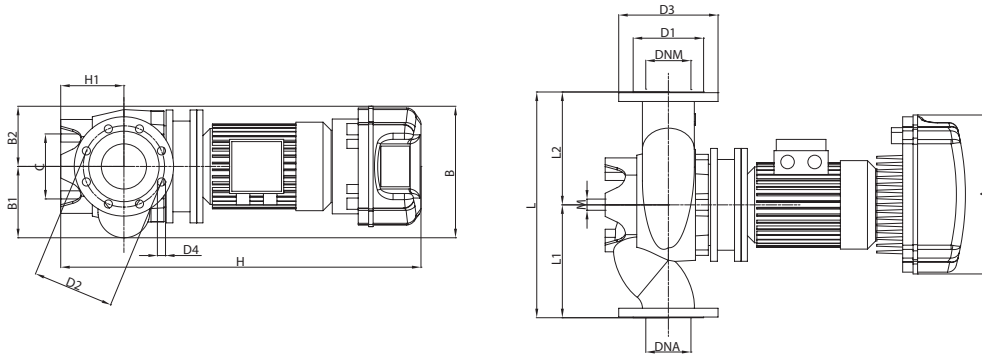
CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

CP-GE 100



| MODEL | A | B | B1 | B2 | C | D1 | D2 | D3 | D4 | H | H1 | L | L1 | L2 | M | PACKING DIMENSIONS | | | WEIGHT KG |
|--------------------------------------|-----|-----|-------|-------|-----|-----|-----|-----|------|------|-----|-----|-------|-------|----|--------------------|-----|-----|-----------|
| | | | | | | | | | | | | | | | | L/A | L/B | H | |
| CPE 40/2300 M MCE11/C | 262 | 231 | 118 | 113 | 85 | 88 | 110 | 150 | 4X18 | 663 | 95 | 390 | 200 | 190 | 12 | 500 | 270 | 810 | 49 |
| CPE 40/3500 M MCE22/C | 262 | 231 | 118 | 113 | 85 | 88 | 110 | 150 | 4X18 | 663 | 95 | 390 | 200 | 190 | 12 | 500 | 270 | 810 | 52 |
| CPE 40/4700 T MCE55/C | 353 | 286 | 159 | 127 | - | 88 | 110 | 150 | 4X18 | 735 | 100 | 380 | 200 | 180 | - | 650 | 400 | 945 | 58 |
| CPE 40/5500 T MCE55/C | 353 | 286 | 159 | 127 | - | 88 | 110 | 150 | 4X18 | 735 | 100 | 380 | 200 | 180 | - | 650 | 400 | 945 | 63 |
| CPE 40/6200 T MCE110/C | 426 | 286 | 159 | 127 | - | 88 | 110 | 150 | 4X18 | 785 | 100 | 380 | 200 | 180 | - | 650 | 400 | 945 | 64 |
| CPE 50/2600 M MCE15/C | 262 | 233 | 120 | 113 | 100 | 102 | 125 | 165 | 4X18 | 663 | 105 | 425 | 225 | 200 | 12 | 500 | 270 | 810 | 49 |
| CPE 50/4100 T MCE55/C | 353 | 233 | 120 | 113 | 100 | 102 | 125 | 165 | 4X18 | 737 | 105 | 425 | 225 | 200 | 12 | 500 | 270 | 810 | 62 |
| CPE 50/4600 T MCE55/C | 353 | 290 | 159 | 131 | - | 102 | 125 | 165 | 4X18 | 745 | 105 | 400 | 220 | 180 | - | 650 | 400 | 945 | 64 |
| CPE 50/5650 T MCE110/C | 426 | 341 | 170,5 | 170,5 | - | 102 | 125 | 165 | 4X18 | 745 | 105 | 400 | 220 | 180 | - | 650 | 400 | 945 | 72 |
| CP-GE 65-1470/A/BAQE/1.5 M MCE15/C | 262 | 270 | 144 | 126 | 144 | 122 | 145 | 185 | 4X18 | 725 | 105 | 360 | 180 | 180 | 16 | 650 | 400 | 945 | 67 |
| CP-GE 65-2280/A/BAQE/3 T MCE30/C | 353 | 270 | 144 | 126 | 144 | 122 | 145 | 185 | 4X18 | 808 | 105 | 360 | 180 | 180 | 16 | 650 | 400 | 945 | 88 |
| CP-GE 65-2640/A/BAQE/4 T MCE55/C | 353 | 270 | 144 | 126 | 144 | 122 | 145 | 185 | 4X18 | 808 | 105 | 360 | 180 | 180 | 16 | 650 | 400 | 945 | 95 |
| CP-GE 65-3400/A/BAQE/5.5 T MCE55/C | 353 | 270 | 144 | 126 | 144 | 122 | 145 | 185 | 4X18 | 936 | 105 | 360 | 180 | 180 | 16 | 650 | 400 | 945 | 128 |
| CP-GE 65-4100/A/BAQE/7.5 T MCE110/C | 426 | 341 | 144 | 126 | 144 | 122 | 145 | 185 | 4X18 | 1024 | 105 | 360 | 180 | 180 | 16 | 650 | 400 | 945 | 131 |
| CP-GE 65-4700/A/BAQE/11 T MCE110/C | 426 | 341 | 180 | 164 | 144 | 122 | 145 | 185 | 4X18 | 1099 | 125 | 475 | 237,5 | 237,5 | 16 | 650 | 400 | 945 | 209 |
| CP-GE 65-5500/A/BAQE/15 T MCE150/C | 426 | 341 | 180 | 164 | 144 | 122 | 145 | 185 | 4X18 | 1099 | 125 | 475 | 237,5 | 237,5 | 16 | 700 | 600 | 970 | 227 |
| CP-GE 80-1400/A/BAQE/2.2 M MCE22/C | 262 | 252 | 135 | 117 | 144 | 138 | 160 | 200 | 8X18 | 753 | 105 | 360 | 180 | 180 | 16 | 650 | 400 | 945 | 86 |
| CP-GE 80-2050/A/BAQE/4 T MCE55/C | 353 | 267 | 135 | 117 | 144 | 138 | 160 | 200 | 8X18 | 765 | 105 | 360 | 180 | 180 | 16 | 650 | 400 | 945 | 99 |
| CP-GE 80-2400/A/BAQE/5.5 T MCE55/C | 353 | 267 | 135 | 117 | 144 | 138 | 160 | 200 | 8X18 | 873 | 105 | 360 | 180 | 180 | 16 | 650 | 400 | 945 | 133 |
| CP-GE 80-2770/A/BAQE/7.5 T MCE110/C | 426 | 341 | 178 | 146 | 144 | 138 | 160 | 200 | 8X18 | 1038 | 115 | 440 | 220 | 220 | 16 | 650 | 400 | 945 | 88 |
| CP-GE 80-3250/A/BAQE/11 T MCE110/C | 426 | 341 | 178 | 146 | 144 | 138 | 160 | 200 | 8X18 | 1100 | 115 | 440 | 220 | 220 | 16 | 650 | 400 | 945 | 98 |
| CP-GE 80-4000/A/BAQE/15 T MCE150/C | 426 | 341 | 178 | 146 | 144 | 138 | 160 | 200 | 8X18 | 1100 | 115 | 440 | 220 | 220 | 16 | 650 | 400 | 945 | 103 |
| CP-GE 100-1600/A/BAQE/4 T MCE55/C | 353 | 341 | 158 | 126 | 144 | 158 | 180 | 220 | 8x18 | 898 | 140 | 500 | 250 | 250 | 16 | 650 | 400 | 945 | 86 |
| CP-GE 100-1950/A/BAQE/5.5 T MCE55/C | 353 | 341 | 158 | 126 | 144 | 158 | 180 | 220 | 8x18 | 1026 | 140 | 500 | 250 | 250 | 16 | 650 | 400 | 945 | 92 |
| CP-GE 100-2350/A/BAQE/7.5 T MCE110/C | 426 | 341 | 158 | 126 | 144 | 158 | 180 | 220 | 8x18 | 1064 | 140 | 500 | 250 | 250 | 16 | 700 | 600 | 970 | 110 |
| CP-GE 100-2400/A/BAQE/11 T MCE110/C | 426 | 346 | 193 | 153 | 230 | 158 | 180 | 220 | 8x18 | 1092 | 140 | 550 | 275 | 275 | 16 | 700 | 600 | 970 | 120 |
| CP-GE 100-3050/A/BAQE/15 T MCE110/C | 426 | 346 | 193 | 153 | 230 | 158 | 180 | 220 | 8x18 | 1092 | 140 | 550 | 275 | 275 | 16 | 700 | 600 | 970 | 159 |

CPE / CP-GE / DCPE / DCP-GE

ELECTRONIC IN-LINE PUMPS

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

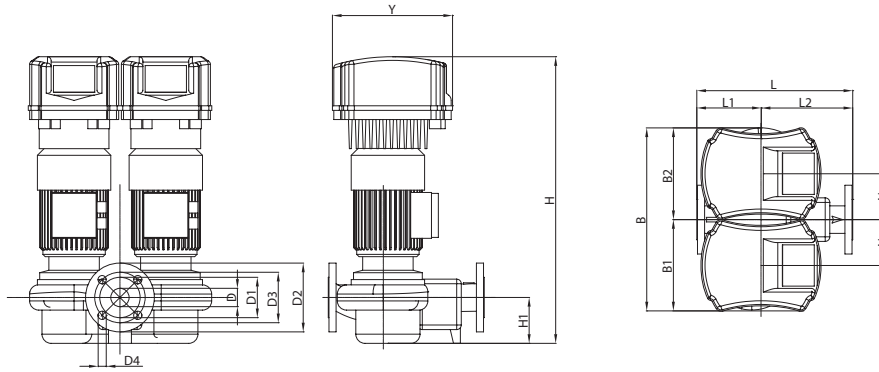
CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

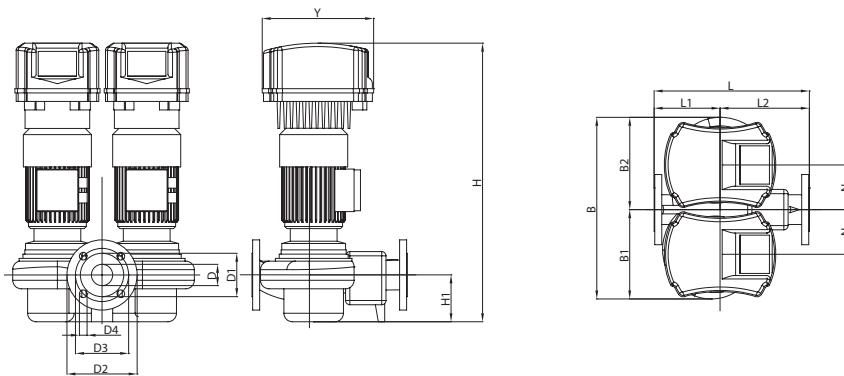
SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

DCPE 40

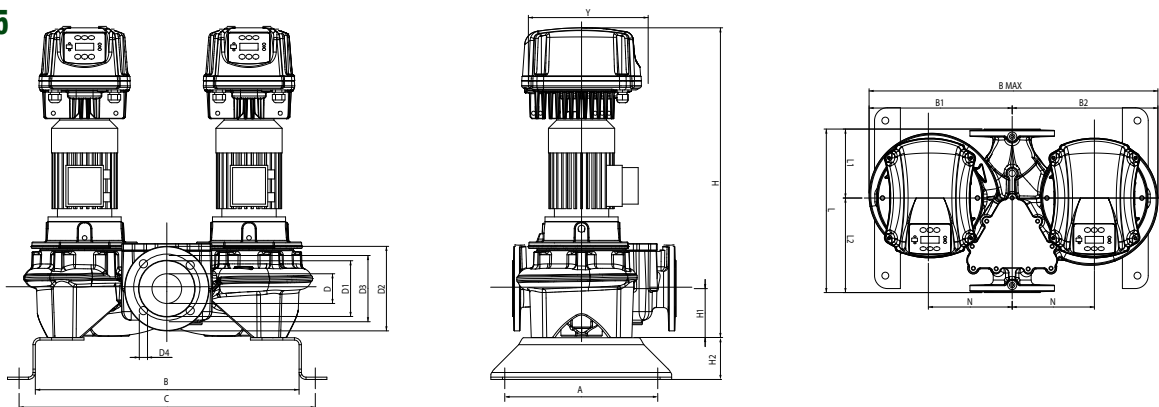


DCPE 50



| MODEL | L | L1 | L2 | B | B1 | B2 | H | H1 | N | D | D1 | D2 | D3 | D4 | Y | PACKING DIMENSIONS | | | WEIGHT KG |
|------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-----|-----|-----|----------------|-----|--------------------|-----|-----|-----------|
| | | | | | | | | | | | | | | | | L/A | L/B | H | |
| DCPE 40/1650 M MCE11/C | 340 | 130 | 210 | 400 | 200 | 200 | 625 | 100 | 100 | 40 PN16 | 88 | 150 | 110 | 4 holes Ø18 | 262 | 520 | 400 | 710 | 54 |
| DCPE 40/2450 M MCE15/C | 340 | 130 | 210 | 400 | 200 | 200 | 625 | 100 | 100 | 40 PN16 | 88 | 150 | 110 | | 262 | 520 | 400 | 710 | 58 |
| DCPE 50/1550 M MCE15/C | 365 | 145 | 220 | 427 | 217 | 210 | 655 | 110 | 105 | 50 PN16 | 102 | 165 | 125 | | 262 | 520 | 400 | 710 | 60 |
| DCPE 50/2450 T MCE30/C | 365 | 145 | 220 | 427 | 217 | 210 | 655 | 110 | 105 | 50 PN16 | 102 | 165 | 125 | | 353 | 520 | 400 | 710 | 75 |
| DCPE 50/3650 T MCE55/C | 410 | 170 | 240 | 480 | 235 | 245 | 735 | 110 | 120 | 50 PN16 | 102 | 165 | 125 | | 353 | 700 | 600 | 970 | 95 |

DCP-GE 65



CPE / CP-GE / DCPE / DCP-GE

ELECTRONIC IN-LINE PUMPS

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

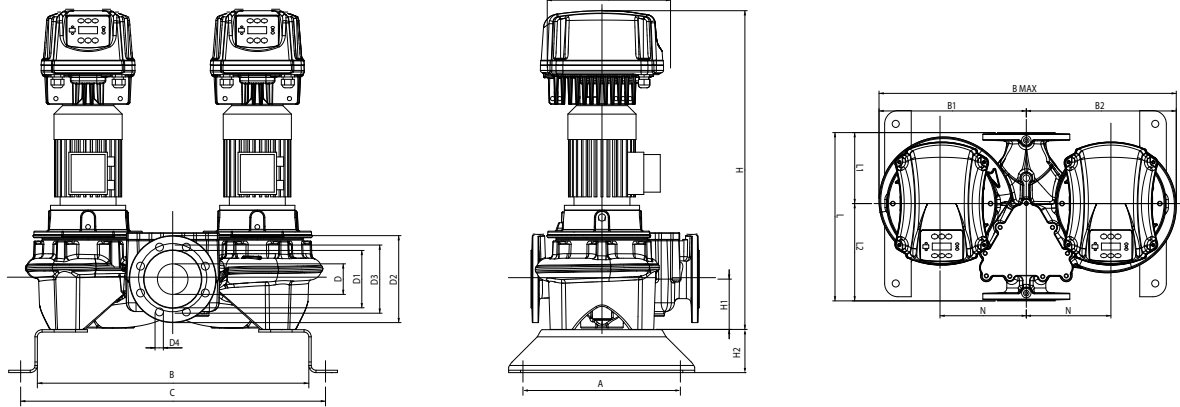
CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

DCP-GE 80 / 100



| MODEL | A | B | C | B1 | B2 | B max | D1 | D2 | D3 | D4 | n° holes | Y | H | H1 | H2 | L | L1 | L2 | M | N | PACKING DIMENSIONS | | | VOL. (mc) | WEIGHT KG |
|--|-----|-----|-----|-----|-----|-------|-----|-----|-----|----|----------|------|--------|-----|-----|-----|-----|-----|-----|-----|--------------------|------|------|-----------|-----------|
| | | | | | | | | | | | | | | | | | | | | | L/A | L/B | H | | |
| DCP-GE 65-2280/A/BAQE/ 3 T MCE30/C IE2 | 330 | 569 | 639 | 315 | 320 | 635 | 122 | 185 | 145 | 18 | 4 | 352 | 828 | 107 | 100 | 358 | 151 | 207 | M16 | 180 | 405 | 750 | 925 | 0,28 | 193 |
| DCP-GE 65-2640/A/BAQE/ 4 T MCE55/C IE2 | 330 | 569 | 639 | 315 | 320 | 635 | 122 | 185 | 145 | 18 | | 352 | 843 | 107 | 100 | 358 | 151 | 207 | M16 | 180 | 405 | 700 | 943 | 0,27 | 206 |
| DCP-GE 65-3400/A/BAQE/ 5.5 T MCE55/C IE2 | 330 | 569 | 639 | 324 | 329 | 653 | 122 | 185 | 145 | 18 | | 352 | 932 | 107 | 100 | 358 | 151 | 207 | M16 | 180 | 405 | 700 | 1032 | 0,29 | 272 |
| DCP-GE 65-4100/A/BAQE/ 7.5 T MCE110/C IE2 | 330 | 569 | 639 | 324 | 329 | 653 | 122 | 185 | 145 | 18 | | 425 | 980 | 107 | 100 | 358 | 151 | 207 | M17 | 180 | 405 | 700 | 1080 | 0,31 | 284 |
| DCP-GE 65-4700/A/BAQE/ 11 T MCE110/C IE2 | 330 | 649 | 719 | 389 | 397 | 786 | 122 | 185 | 145 | 18 | | 425 | 1139 | 125 | 100 | 475 | 177 | 298 | M16 | 220 | 475 | 782 | 1239 | 0,46 | 423 |
| DCP-GE 65-5500/A/BAQE/ 15 T MCE150/C IE2 | 330 | 649 | 719 | 389 | 397 | 786 | 122 | 185 | 145 | 18 | | 425 | 1139 | 125 | 100 | 475 | 177 | 298 | M16 | 220 | 475 | 782 | 1239 | 0,46 | 459 |
| DCP-GE 80-2050/A/BAQE/ 4 T MCE55/C IE2 | 330 | 580 | 650 | 305 | 310 | 615 | 137 | 200 | 160 | 18 | 8 | 352 | 854,5 | 115 | 100 | 360 | 165 | 195 | M16 | 180 | 360 | 710 | 955 | 0,24 | 195 |
| DCP-GE 80-2400/A/BAQE/ 5.5 T MCE55/C IE2 | 330 | 580 | 650 | 327 | 332 | 659 | 137 | 200 | 160 | 18 | | 352 | 943,5 | 115 | 100 | 360 | 165 | 195 | M16 | 180 | 360 | 710 | 1044 | 0,27 | 264 |
| DCP-GE 80-2770/A/BAQE/ 7.5 T MCE110/C IE2 | 330 | 620 | 690 | 355 | 365 | 750 | 137 | 200 | 160 | 18 | | 425 | 992 | 115 | 100 | 440 | 165 | 195 | M16 | 180 | 440 | 750 | 1092 | 0,36 | 186 |
| DCP-GE 80-3250/A/BAQE/ 11 T MCE110/C IE2 | 330 | 620 | 690 | 364 | 374 | 768 | 137 | 200 | 160 | 18 | | 425 | 1137 | 115 | 100 | 440 | 165 | 195 | M16 | 180 | 440 | 768 | 1237 | 0,42 | 204 |
| DCP-GE 80-4000/A/BAQE/ 15 T MCE150/C IE2 | 330 | 620 | 690 | 364 | 374 | 768 | 137 | 200 | 160 | 18 | | 425 | 1137 | 115 | 100 | 440 | 165 | 195 | M16 | 180 | 440 | 768 | 1237 | 0,42 | 214 |
| DCP-GE 100-2350/A/BAQE/ 7.5 T MCE110/C IE2 | 362 | 637 | 717 | 335 | 350 | 685 | 137 | 200 | 160 | 18 | | 425 | 1018,5 | 140 | 100 | 500 | 280 | 340 | M16 | 300 | 500 | 777 | 1119 | 0,43 | 230 |
| DCP-GE 100-2400/A/BAQE/ 11 T MCE110/C IE2 | 362 | 733 | 813 | 395 | 410 | 805 | 156 | 220 | 180 | 18 | 425 | 1159 | 140 | 100 | 550 | 191 | 309 | M16 | 200 | 550 | 873 | 1259 | 0,60 | 273 | |
| DCP-GE 100-3050/A/BAQE/ 15 T MCE150/C IE2 | 362 | 733 | 813 | 395 | 410 | 805 | 156 | 220 | 180 | 18 | 425 | 1159 | 140 | 100 | 550 | 191 | 309 | M16 | 200 | 550 | 873 | 1259 | 0,60 | 352 | |

ALM - ALP IN-LINE PUMPS



CE Circulating pumps with in-line **connections**, suitable for civil and industrial installations for heating, air-conditioning and hot water for **domestic use**. Technopolymer impeller and carbon/ceramic mechanical seal. Two-pole, asynchronous motor for the ALP version and four-pole for the ALM version. Built-in thermal and current overload protection and a capacitor permanently on in the single-phase version. Three-phase motors should be protected with a suitable overload protection complying with the regulations in force.

Pump body and motor support in bronze.

Operating range

from 0,6 to 6,5 m³/h with head up to 7,7 metres.

Liquid temperature range

from +15°C to +120°C.

Pumped liquid characteristics clean, free from solids or abrasive substances, not viscous, not aggressive, not crystallised, chemically neutral, close to the characteristics of water.

Maximum ambient temperature + 40°C

Maximum working pressure 10 bar (1000 kPa).

Protection level IP 55

Insulation class F

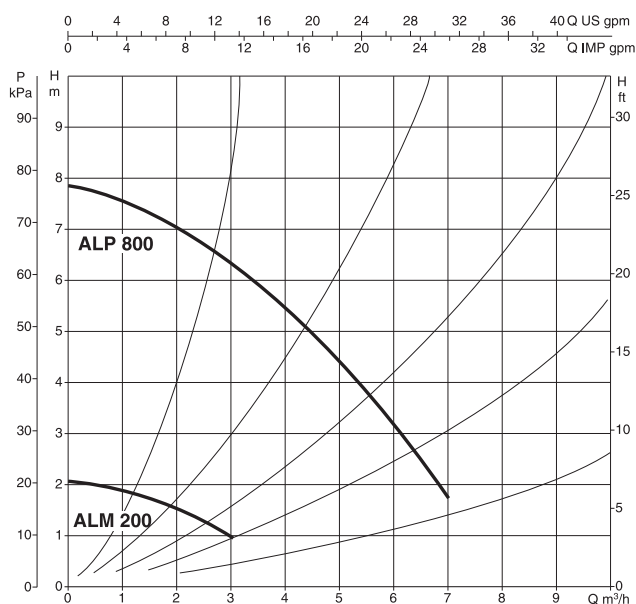
TECHNICAL DATA

ALM - 1750 r.p.m - 4 poles

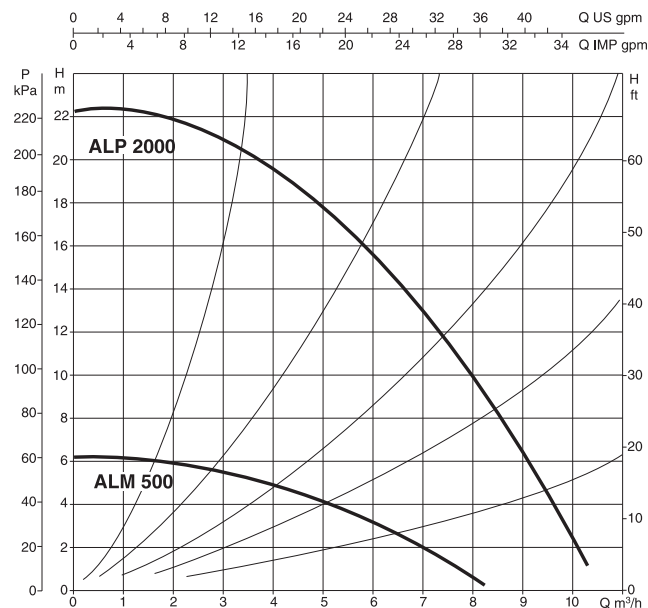
ALP - 3500 r.p.m - 2 poles

| MODEL | ELECTRICAL DATA | | | | | | |
|------------|----------------------|---------------|-------------|--------------|------------|------|---------------------|
| | VOLTAGE 60 Hz | MOTOR TYPE | n r.p.m. | P1 MAX kW | P2 NOMINAL | | I _n A |
| | | | | | kW | HP | |
| ALM 200 T | 3x220-277/380-480 V~ | 4 POLES | 1760 | 0,08 | 0,059 | 0,08 | 0,53-0,3 |
| ALP 800 T | 3x220-277/380-480 V~ | 2 POLES | 3400 | 0,21 | 0,37 | 0,5 | 0,78-0,45 |
| ALM 500 T | 3x220-277/380-480 V~ | 4 POLES | 1760 | 0,18 | 0,25 | 0,33 | 0,8-0,5 |
| ALP 2000 T | 3x220-277/380-480 V~ | 2 POLES | 3400 | 0,73 | 0,55 | 0,75 | 2,3-1,2 |

ALM 200 - ALP 800



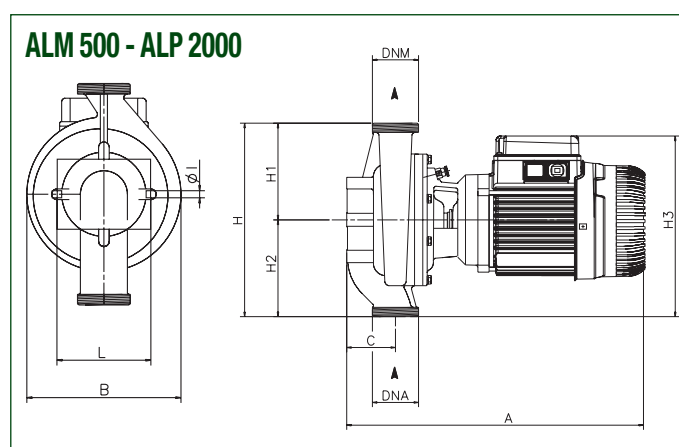
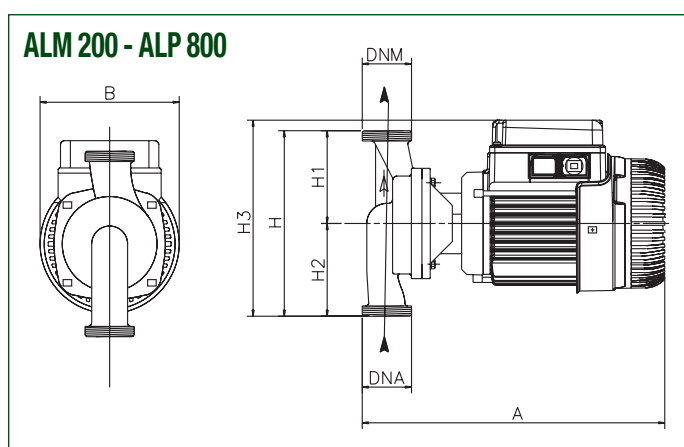
ALM 500 - ALP 2000



PERFORMANCE RANGE

| MODEL | | P2 NOMINAL | | Q (m ³ /h) (l/min) | 0 | 1,2 | 2,4 | 3,6 | 4,8 | 6 | 7,2 | 8,4 |
|--------------|-------------|------------|------|-------------------------------------|------|------|------|-----|-----|------|------|-----|
| SINGLE-PHASE | THREE-PHASE | kW | HP | | 0 | 20 | 40 | 60 | 80 | 100 | 120 | 140 |
| ALM 200 M | ALM 200 T | 0,059 | 0,08 | H (m) | 1,9 | 1,65 | 1 | | | | | |
| ALP 800 M | ALP 800 T | 0,37 | 0,5 | | 7,7 | 7,2 | 6,3 | 5,8 | 3,9 | 2 | | |
| ALM 500 M | ALM 500 T | 0,25 | 0,33 | | 5,5 | 5,4 | 5,3 | 4,8 | 4,1 | 3 | 1,5 | |
| ALP 2000 M | ALP 2000 T | 0,55 | 0,75 | | 21,1 | 20,6 | 19,6 | 18 | 16 | 13,8 | 10,5 | 5,3 |

DIMENSIONS AND WEIGHTS



| MODEL | A | B | C | L | Ø | H | H1 | H2 | H3 | DNA NPT | DNM NPT | PACKING DIMENSIONS | | | VOLUME | WEIGHT Kg |
|----------|-----|-----|----|----|---|-----|-----|-----|-----|------------|------------|--------------------|-----|-----|--------|--------------|
| | | | | | | | | | | | | L/A | L/B | H | | |
| ALM 200 | 300 | 136 | - | - | - | 180 | 90 | 90 | 190 | 1 1/2" G-M | 1 1/2" G-M | 332 | 202 | 257 | 0,017 | 7,5 |
| ALP 800 | 300 | 136 | - | - | - | 180 | 90 | 90 | 190 | 1 1/2" G-M | 1 1/2" G-M | 332 | 202 | 257 | 0,017 | 7,5 |
| ALM 500 | 386 | 174 | 63 | 95 | 8 | 250 | 125 | 125 | 235 | 2" G-M | 2" G-M | 492 | 232 | 292 | 0,033 | 14,5 |
| ALP 2000 | 386 | 174 | 63 | 95 | 8 | 250 | 125 | 125 | 235 | 2" G-M | 2" G-M | 492 | 492 | 292 | 0,033 | 14,5 |

KLM - KLP / DKLM- DKLP

IN-LINE PUMPS



Pump body and motor support in cast iron. PN10 flanged connections with threaded holes for control pressure gauges. Technopolymer impeller and carbon/ceramic mechanical seal. Four-pole, asynchronous motor for the KLM and DKLM versions and two-pole for the KLP and DKLP versions. Built-in thermal and current overload protection and a capacitor permanently on in the single-phase version. Three-phase motors should be protected with a suitable overload protection complying with the regulations in force. In the twin version there is a built-in automatic clapet valve on the delivery vent; the standard supply also includes a blank flange.

Operating range

from 2 to 67 m³/h with head up to 13.7 metres.

Liquid temperature range

from -15°C to +120°C.

Pumped liquid characteristics clean, free from solids or abrasive substances, not viscous, not aggressive, not crystallised, chemically neutral.

Maximum ambient temperature +40°C

Maximum working pressure 10 bar (1000 kPa).

Protection level IP 55

Insulation class F

Standard flanging PN 10/PN 6

Counter flanges either threaded or with welded collar as requested.

TECHNICAL DATA - KLM/KLP SINGLE WITH FLANGES

KLM - 1750 r.p.m. - 4 poles
KLP - 3500 r.p.m. - 2 poles

| MODEL | ELECTRICAL DATA | | | | | |
|---------------------------|---------------------|------------|-------------|------------|------|-------------|
| | VOLTAGE 60 Hz | MOTOR TYPE | P1 MAX (kW) | P2 NOMINAL | | In A |
| | | | | kW | HP | |
| KLM 40/300 T 230/400/60T | 3x220-277/380-480V~ | 4 POLES | 0,12 | 0,25 | 0,33 | 0,9 - 0,55 |
| KLP 40/600 T 230/400/60T | 3x220-277/380-480V~ | 2 POLES | 0,36 | 0,37 | 0,5 | 1,5 - 0,9 |
| KLP 40/900 T 230/400/60T | 3x220-277/380-480V~ | 2 POLES | 0,5 | 0,37 | 0,5 | 1,9 - 1,1 |
| KLP 40/1200 T 230/400/60T | 3x220-277/380-480V~ | 2 POLES | 0,6 | 0,55 | 0,75 | 2 - 1,2 |
| KLM 50/300 T 230/400/60T | 3x220-277/380-480V~ | 4 POLES | 0,16 | 0,25 | 0,33 | 0,9 - 0,52 |
| KLM 50/600 T 230/400/60T | 3x220-277/380-480V~ | 4 POLES | 0,32 | 0,25 | 0,33 | 1,07 - 0,62 |
| KLP 50/900 T 230/400/60T | 3x220-277/380-480V~ | 2 POLES | 0,73 | 0,75 | 1 | 2,4 - 1,4 |
| KLP 50/1200 T 230/400/60T | 3x220-277/380-480V~ | 2 POLES | 0,98 | 0,75 | 1 | 2,9 - 1,7 |
| KLM 65/300 T 230/400/60T | 3x220-277/380-480V~ | 4 POLES | 0,22 | 0,25 | 0,33 | 1,1 - 0,6 |
| KLM 65/600 T 230/400/60T | 3x220-277/380-480V~ | 4 POLES | 0,4 | 0,37 | 0,5 | 1,2 - 0,7 |
| KLP 65/900 T 230/400/60T | 3x220-277/380-480V~ | 2 POLES | 1 | 1,1 | 1,5 | 4,1 - 2,4 |
| KLP 65/1200 T 230/400/60T | 3x220-277/380-480V~ | 2 POLES | 1,4 | 1,1 | 1,5 | 4,7 - 2,7 |
| KLM 80/300 T 230/400/60T | 3x220-277/380-480V~ | 4 POLES | 0,39 | 0,25 | 0,33 | 1,23 - 0,71 |
| KLM 80/600 T 230/400/60T | 3x220-277/380-480V~ | 4 POLES | 0,75 | 0,75 | 1 | 2,4 - 1,4 |
| KLP 80/900 T 230/400/60T | 3x220-277/380-480V~ | 2 POLES | 1,54 | 1,84 | 2,5 | 5,5 - 3,2 |
| KLP 80/1200 T 230/400/60T | 3x220-277/380-480V~ | 2 POLES | 2,25 | 1,84 | 2,5 | 6,4 - 3,7 |

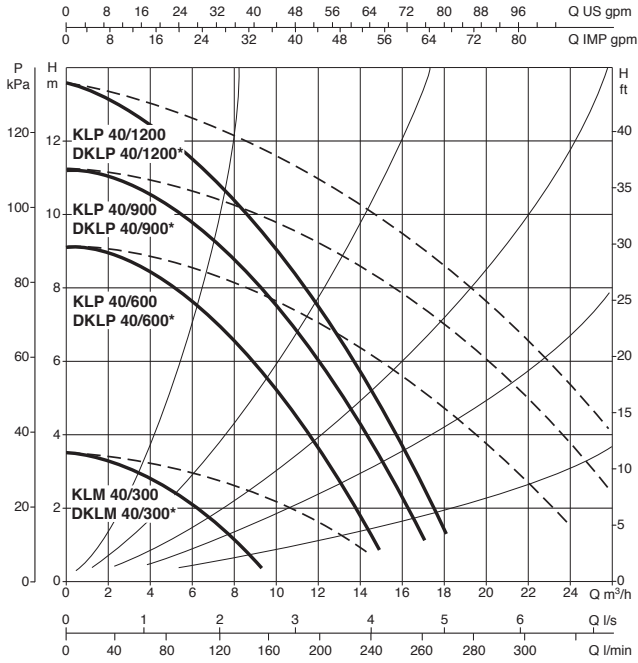
TECHNICAL DATA - DKLM/DKLP TWIN WITH FLANGES

| MODEL | ELECTRICAL DATA | | | | | |
|----------------------------|---------------------|------------|-------------|------------|------|-------------|
| | VOLTAGE 60 Hz | MOTOR TYPE | P1 MAX (kW) | P2 NOMINAL | | In A |
| | | | | kW | HP | |
| DKLM 40/300 T 230/400/60T | 3x220-277/380-480V~ | 4 POLES | 0,12 | 0,25 | 0,33 | 0,9 - 0,55 |
| DKLP 40/600 T 230/400/60T | 3x220-277/380-480V~ | 2 POLES | 0,36 | 0,37 | 0,5 | 1,5 - 0,9 |
| DKLP 40/900 T 230/400/60T | 3x220-277/380-480V~ | 2 POLES | 0,5 | 0,37 | 0,5 | 1,9 - 1,1 |
| DKLP 40/1200 T 230/400/60T | 3x220-277/380-480V~ | 2 POLES | 0,6 | 0,55 | 0,75 | 2 - 1,2 |
| DKLM 50/300 T 230/400/60T | 3x220-277/380-480V~ | 4 POLES | 0,16 | 0,25 | 0,33 | 0,9 - 0,52 |
| DKLM 50/600 T 230/400/60T | 3x220-277/380-480V~ | 4 POLES | 0,32 | 0,25 | 0,33 | 1,07 - 0,62 |
| DKLP 50/900 T 230/400/60T | 3x220-277/380-480V~ | 2 POLES | 0,73 | 0,75 | 1 | 2,4 - 1,4 |
| DKLP 50/1200 T 230/400/60T | 3x220-277/380-480V~ | 2 POLES | 0,98 | 0,75 | 1 | 2,9 - 1,7 |
| DKLM 65/300 T 230/400/60T | 3x220-277/380-480V~ | 4 POLES | 0,22 | 0,25 | 0,33 | 1,1 - 0,6 |
| DKLM 65/600 T 230/400/60T | 3x220-277/380-480V~ | 4 POLES | 0,4 | 0,37 | 0,5 | 1,2 - 0,7 |
| DKLP 65/900 T 230/400/60T | 3x220-277/380-480V~ | 2 POLES | 1 | 1,1 | 1,5 | 4,1 - 2,4 |
| DKLP 65/1200 T 230/400/60T | 3x220-277/380-480V~ | 2 POLES | 1,4 | 1,1 | 1,5 | 4,7 - 2,7 |
| DKLM 80/300 T 230/400/60T | 3x220-277/380-480V~ | 4 POLES | 0,39 | 0,25 | 0,33 | 1,23 - 0,71 |
| DKLM 80/600 T 230/400/60T | 3x220-277/380-480V~ | 4 POLES | 0,75 | 0,75 | 1 | 2,4 - 1,4 |
| DKLP 80/900 T 230/400/60T | 3x220-277/380-480V~ | 2 POLES | 1,54 | 1,84 | 2,5 | 5,5 - 3,2 |
| DKLP 80/1200 T 230/400/60T | 3x220-277/380-480V~ | 2 POLES | 2,25 | 1,84 | 2,5 | 6,4 - 3,7 |

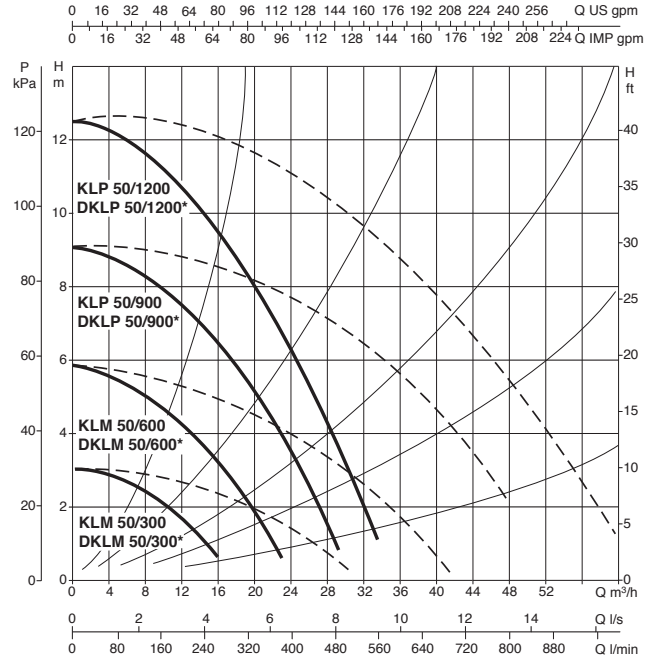
KLM - KLP / DKLM- DKLP IN-LINE PUMPS

The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

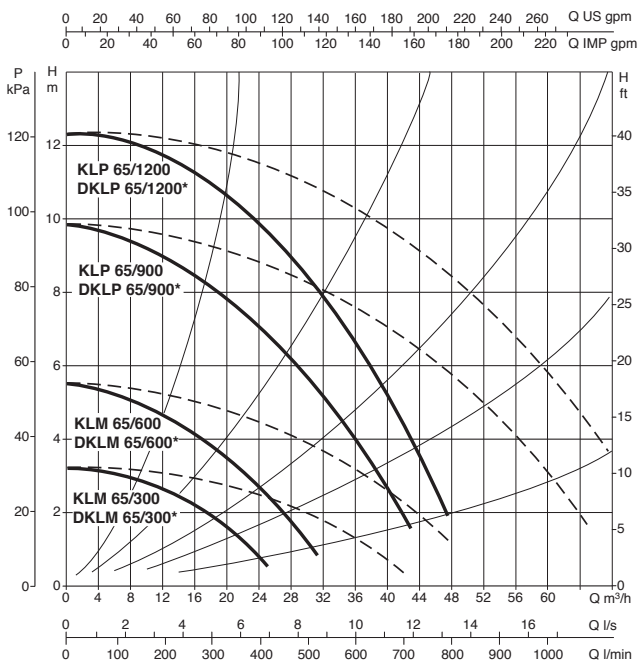
KLM 40 - KLP 40 DKLM 40 - DKLP 40



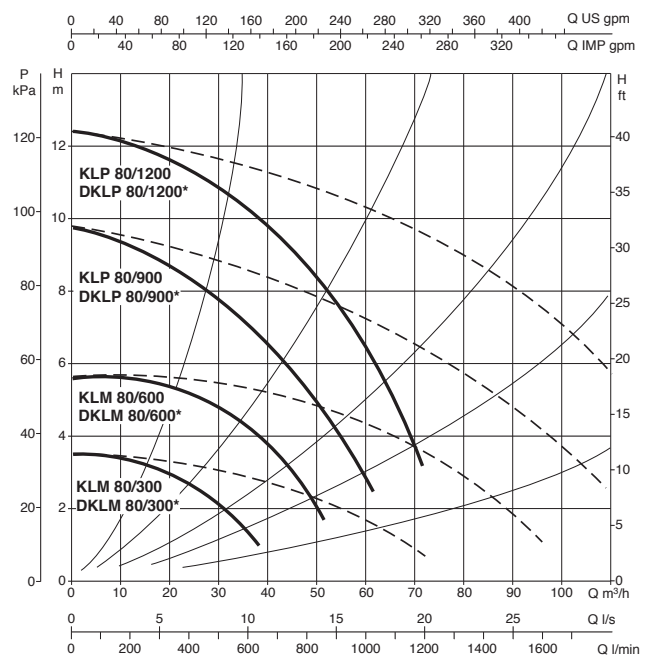
KLM 50 - KLP 50 DKLM 50 - DKLP 50



KLM 65 - KLP 65 DKLM 65 - DKLP 65



KLM 80 - KLP 80 DKLM 80 - DKLP 80



The continuous curve refers to a SINGLE pump
The Dotted Curve refers to the DOUBLE pump with motors running simultaneously

KLM - KLP / DKLM- DKLP

PERFORMANCE RANGE

KLM - KLP - HEATING SYSTEMS, AIR CONDITIONING, SOLAR PANEL AND DOMESTIC HOT WATER

| MODEL | | P2 NOMINAL | | Q (m³/h) (l/min) | 0 | 1,2 | 2,4 | 3,6 | 4,8 | 6 | 7,2 | 8,4 | 9,6 | 12 | 14,4 | 16,8 | 18 | 24 | 30 | 36 | 48 | 60 | |
|---------------|---------------|------------|------|------------------------|------|-----|-----|-----|------|------|------|------|------|------|------|------|-----|-----|------|------|-----|------|-----|
| SINGLE-PHASE | THREE-PHASE | kW | HP | | 0 | 20 | 40 | 60 | 80 | 100 | 120 | 140 | 160 | 200 | 240 | 280 | 300 | 400 | 500 | 600 | 800 | 1000 | |
| KLM 40/300 M | KLM 40/300 T | 0,25 | 0,33 | H (m) | 3,4 | | 3,2 | 3 | 2,6 | 2,3 | 1,7 | | | | | | | | | | | | |
| KLP 40/600 M | KLP 40/600 T | 0,37 | 0,5 | | 8,2 | | | | 7,8 | 7,4 | 6,9 | 6,3 | 5,7 | 4 | | | | | | | | | |
| KLP 40/900 M | KLP 40/900 T | 0,37 | 0,5 | | 10,2 | | | | 9,8 | 9,4 | 8,8 | 8,2 | 7,4 | 5,6 | | | | | | | | | |
| KLP 40/1200 M | KLP 40/1200 T | 0,55 | 0,75 | | 13,7 | | | | 13,2 | 12,6 | 11,9 | 11,2 | 10,4 | 8,4 | 5,9 | | | | | | | | |
| KLM 50/300 M | KLM 50/300 T | 0,25 | 0,33 | | 2,9 | | | | 2,8 | 2,7 | 2,6 | 2,5 | 2,3 | 1,8 | 1,3 | | | | | | | | |
| KLM 50/600 M | KLM 50/600 T | 0,25 | 0,33 | | 5,4 | | | | 5,2 | 4,9 | 4,7 | 4,5 | 4,3 | 3,8 | 3,2 | 2,5 | 2 | | | | | | |
| KLP 50/900 M | KLP 50/900 T | 0,75 | 1 | | 8,9 | | | | | 8,8 | 8,7 | 8,6 | 8,5 | 8 | 7,4 | 6,6 | 6,3 | 3,9 | | | | | |
| KLP 50/1200 M | KLP 50/1200 T | 0,75 | 1 | | 12 | | | | | 12 | 11,8 | 11,6 | 11 | 10,5 | 9,8 | 9 | 8,6 | 6,2 | | | | | |
| - | KLM 65/300 T | 0,25 | 0,33 | | 3,1 | | | | | 3 | 2,9 | 2,8 | 2,7 | 2,6 | 2,4 | 2 | 1,8 | | | | | | |
| - | KLM 65/600 T | 0,37 | 0,5 | | 5,5 | | | | | | | 5,3 | 5 | 4,7 | 4,6 | 4 | 3,8 | 2,5 | | | | | |
| - | KLP 65/900 T | 1,1 | 1,5 | | 9 | | | | | | | | 8,8 | 8,6 | 8,5 | 8,1 | 8 | 7 | 5,5 | 3,5 | | | |
| - | KLP 65/1200 T | 1,1 | 1,5 | | 12 | | | | | | | | | 11,6 | 11,4 | 11,2 | 11 | 10 | 8,8 | 6,7 | | | |
| - | KLM 80/300 T | 0,25 | 0,33 | | 3,3 | | | | | | | | | 3,2 | 3,1 | 3 | 2,9 | 2,7 | 2 | 1,2 | | | |
| - | KLM 80/600 T | 0,75 | 1 | | 5,7 | | | | | | | | | | 5,8 | 5,8 | 5,7 | 5,5 | 5 | 4,3 | 2,5 | | |
| - | KLP 80/900 T | 1,84 | 2,5 | | 8,8 | | | | | | | | | | | 8,7 | 8,6 | 8,5 | 8,4 | 8 | 7,7 | 6 | |
| - | KLP 80/1200 T | 1,84 | 2,5 | | 11,8 | | | | | | | | | | | | | | 11,6 | 11,5 | 11 | 9,7 | 7,2 |

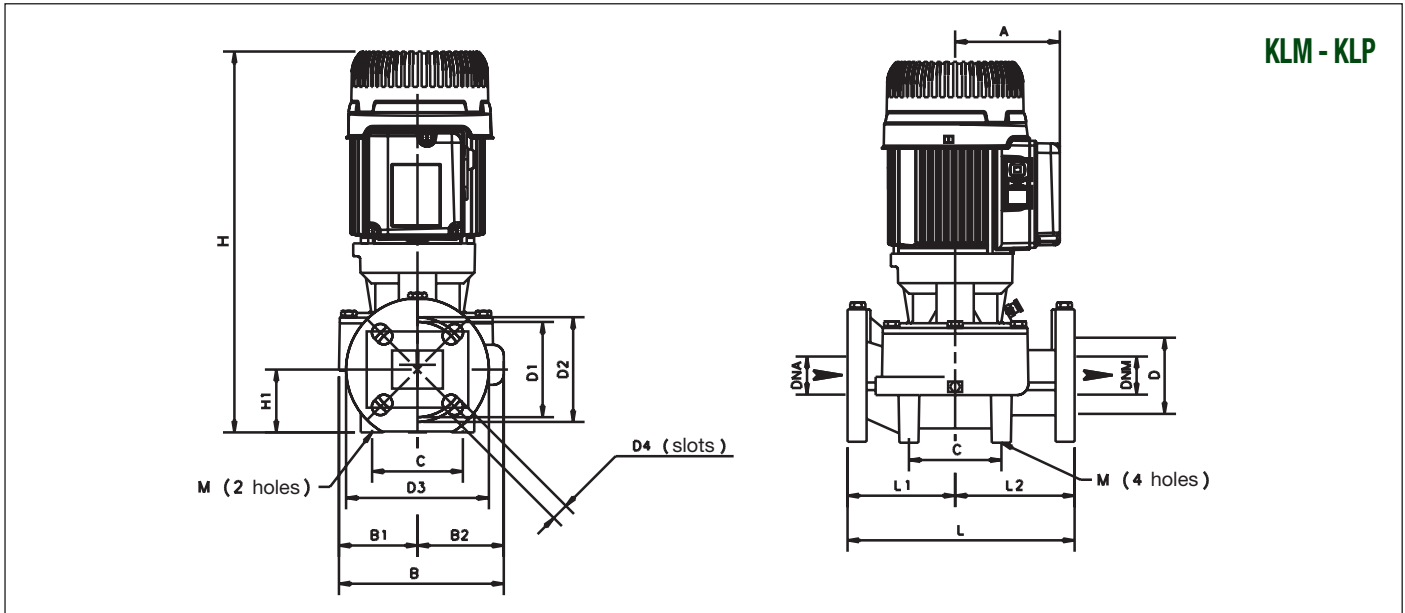
DKLM - DKLP - HEATING SYSTEMS, AIR CONDITIONING, SOLAR PANEL AND DOMESTIC HOT WATER

| MODEL | | P2 NOMINAL | | Q (m³/h) (l/min) | 0 | 1,2 | 2,4 | 3,6 | 4,8 | 6 | 7,2 | 8,4 | 9,6 | 12 | 14,4 | 16,8 | 18 | 24 | 30 | 36 | 48 | 60 | |
|----------------|----------------|------------|------|------------------------|------|-----|-----|-----|------|------|------|------|------|------|------|------|-----|-----|------|------|-----|------|-----|
| SINGLE-PHASE | THREE-PHASE | kW | HP | | 0 | 20 | 40 | 60 | 80 | 100 | 120 | 140 | 160 | 200 | 240 | 280 | 300 | 400 | 500 | 600 | 800 | 1000 | |
| DKLM 40/300 M | DKLM 40/300 T | 0,25 | 0,33 | H (m) | 3,4 | | 3,2 | 3 | 2,6 | 2,3 | 1,7 | | | | | | | | | | | | |
| DKLP 40/600 M | DKLP 40/600 T | 0,37 | 0,5 | | 8,2 | | | | 7,8 | 7,4 | 6,9 | 6,3 | 5,7 | 4 | | | | | | | | | |
| DKLP 40/900 M | DKLP 40/900 T | 0,37 | 0,5 | | 10,2 | | | | 9,8 | 9,4 | 8,8 | 8,2 | 7,4 | 5,6 | | | | | | | | | |
| DKLP 40/1200 M | DKLP 40/1200 T | 0,55 | 0,75 | | 13,7 | | | | 13,2 | 12,6 | 11,9 | 11,2 | 10,4 | 8,4 | 5,9 | | | | | | | | |
| DKLM 50/300 M | DKLM 50/300 T | 0,25 | 0,33 | | 2,9 | | | | 2,8 | 2,7 | 2,6 | 2,5 | 2,3 | 1,8 | 1,3 | | | | | | | | |
| DKLM 50/600 M | DKLM 50/600 T | 0,25 | 0,33 | | 5,4 | | | | 5,2 | 4,9 | 4,7 | 4,5 | 4,3 | 3,8 | 3,2 | 2,5 | 2 | | | | | | |
| DKLP 50/900 M | DKLP 50/900 T | 0,75 | 1 | | 8,9 | | | | | 8,8 | 8,7 | 8,6 | 8,5 | 8 | 7,4 | 6,6 | 6,3 | 3,9 | | | | | |
| DKLP 50/1200 M | DKLP 50/1200 T | 0,75 | 1 | | 12 | | | | | 12 | 11,8 | 11,6 | 11 | 10,5 | 9,8 | 9 | 8,6 | 6,2 | | | | | |
| - | DKLM 65/300 T | 0,25 | 0,33 | | 3,1 | | | | | 3 | 2,9 | 2,8 | 2,7 | 2,6 | 2,4 | 2 | 1,8 | | | | | | |
| - | DKLM 65/600 T | 0,37 | 0,5 | | 5,5 | | | | | | | 5,3 | 5 | 4,7 | 4,6 | 4 | 3,8 | 2,5 | | | | | |
| - | DKLP 65/900 T | 1,1 | 1,5 | | 9 | | | | | | | | 8,8 | 8,6 | 8,5 | 8,1 | 8 | 7 | 5,5 | 3,5 | | | |
| - | DKLP 65/1200 T | 1,1 | 1,5 | | 12 | | | | | | | | | 11,6 | 11,4 | 11,2 | 11 | 10 | 8,8 | 6,7 | | | |
| - | DKLM 80/300 T | 0,25 | 0,33 | | 3,3 | | | | | | | | | 3,2 | 3,1 | 3 | 2,9 | 2,7 | 2 | 1,2 | | | |
| - | DKLM 80/600 T | 0,75 | 1 | | 5,7 | | | | | | | | | | 5,8 | 5,8 | 5,7 | 5,5 | 5 | 4,3 | 2,5 | | |
| - | DKLM 80/900 T | 1,84 | 2,5 | | 8,8 | | | | | | | | | | | 8,7 | 8,6 | 8,5 | 8,4 | 8 | 7,7 | 6 | |
| - | DKLP 80/1200 T | 1,84 | 2,5 | | 11,8 | | | | | | | | | | | | | | 11,6 | 11,5 | 11 | 9,7 | 7,2 |

KLM - KLP / DKLM- DKLP

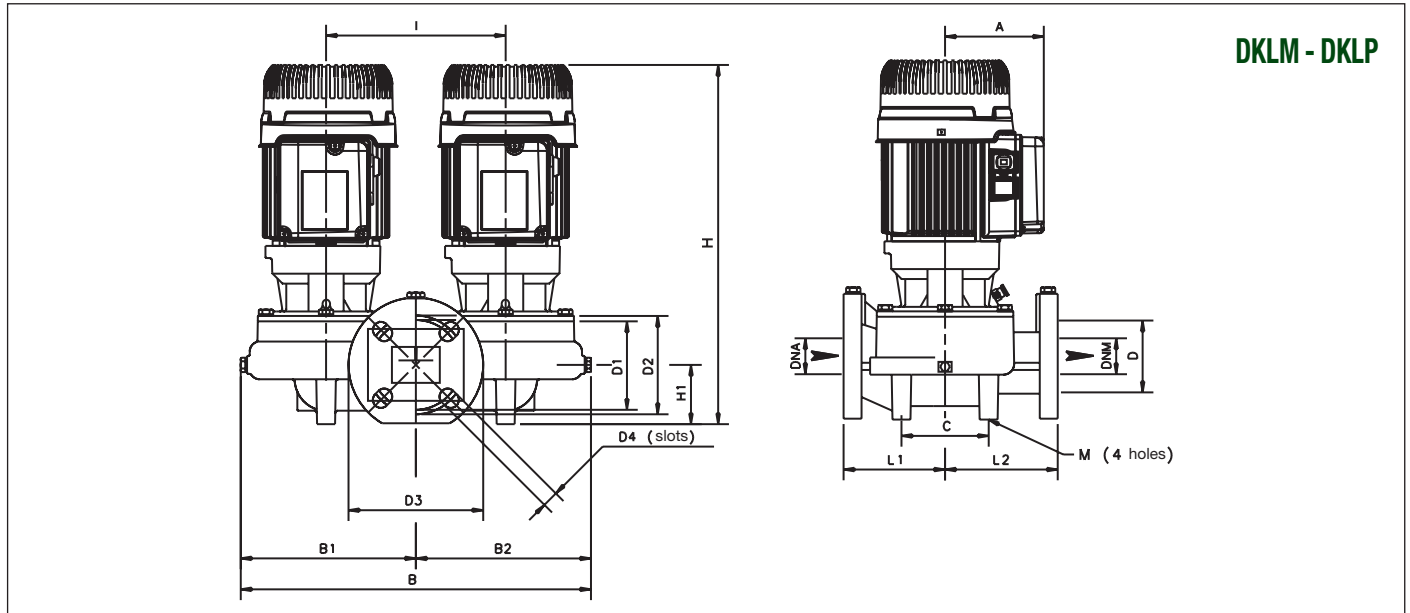
IN-LINE PUMPS

DIMENSIONS AND WEIGHTS



| MODEL | A | B | B1 | B2 | C | DNA | DNM | D | D1 | D2 | D3 | D4 | H | H1 | L | L1 | L2 | M | PACKING DIMENSIONS | | | VOLUME | WEIGHT (Kg) | | | |
|-------------|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|---------|--------|-----|-----|-----|-----|---------|--------------------|-----|-----|--------|--------------|-------------|------|------|
| | | | | | | | | | | | | | | | | | | | L/A | L/B | H | | Single-phase | Three-phase | | |
| KLM 40/300 | 110 | 179 | 82 | 97 | 100 | 40 | 40 | 80 | 100 | 110 | 150 | 4 slots | 395 | 66 | 250 | 125 | 125 | 2 holes | 470 | 280 | 330 | 0,043 | 22,6 | 20,2 | | |
| KLP 40/600 | 110 | 179 | 82 | 97 | 100 | 40 | 40 | 80 | 100 | 110 | 150 | | 395 | 66 | 250 | 125 | 125 | | 470 | 280 | 330 | 0,043 | 22,6 | 21,3 | | |
| KLP 40/900 | 110 | 179 | 82 | 97 | 100 | 40 | 40 | 80 | 100 | 110 | 150 | | 18x23 | 395 | 66 | 250 | 125 | | 125 | 10 | 470 | 280 | 330 | 0,043 | 22,6 | 21,3 |
| KLP 40/1000 | 110 | 179 | 82 | 97 | 100 | 40 | 40 | 80 | 100 | 110 | 150 | | 395 | 66 | 250 | 125 | 125 | | 470 | 280 | 330 | 0,043 | 22,6 | 21,3 | | |
| KLM 50/300 | 110 | 204 | 94 | 110 | 100 | 50 | 50 | 90 | 110 | 125 | 165 | 4 slots | 414 | 73 | 280 | 140 | 170 | 2 holes | 470 | 280 | 330 | 0,043 | 27,6 | 27 | | |
| KLM 50/600 | 110 | 204 | 94 | 110 | 100 | 50 | 50 | 90 | 110 | 125 | 165 | | 414 | 73 | 280 | 140 | 170 | | 470 | 280 | 330 | 0,043 | 27,6 | 27 | | |
| KLP 50/900 | 110 | 204 | 94 | 110 | 100 | 50 | 50 | 90 | 110 | 125 | 165 | | 8x25,5 | 414 | 73 | 280 | 140 | | 170 | 10 | 470 | 280 | 330 | 0,043 | 27,6 | 28,3 |
| KLP 50/1200 | 110 | 204 | 94 | 110 | 100 | 50 | 50 | 90 | 110 | 125 | 165 | | 414 | 73 | 280 | 140 | 170 | | 470 | 280 | 330 | 0,043 | 27,6 | 28,3 | | |
| KLM 65/300 | 110 | 228 | 99 | 129 | 100 | 65 | 65 | 110 | 130 | 145 | 185 | 4 slots | 433 | 82 | 340 | 170 | 170 | 2 holes | 510 | 310 | 470 | 0,074 | - | 32,7 | | |
| KLM 65/600 | 110 | 228 | 99 | 129 | 100 | 65 | 65 | 110 | 130 | 145 | 185 | | 433 | 82 | 340 | 170 | 170 | | 510 | 310 | 470 | 0,074 | - | 32,7 | | |
| KLP 65/900 | 110 | 228 | 99 | 129 | 100 | 65 | 65 | 110 | 130 | 145 | 185 | | 8x25,5 | 433 | 82 | 340 | 170 | | 170 | 12 | 510 | 310 | 470 | 0,074 | - | 38,2 |
| KLP 65/1200 | 110 | 228 | 99 | 129 | 100 | 65 | 65 | 110 | 130 | 145 | 185 | | 433 | 82 | 340 | 170 | 170 | | 510 | 310 | 470 | 0,074 | - | 38,5 | | |
| KLM 80/300 | 110 | 229 | 99 | 129 | 115 | 80 | 80 | 128 | 150 | 160 | 200 | 4 slots | 453 | 97 | 360 | 190 | 170 | 2 holes | 510 | 310 | 470 | 0,074 | - | 35,1 | | |
| KLM 80/600 | 110 | 229 | 99 | 129 | 115 | 80 | 80 | 128 | 150 | 160 | 200 | | 453 | 97 | 360 | 190 | 170 | | 510 | 310 | 470 | 0,074 | - | 42,4 | | |
| KLP 80/900 | 110 | 229 | 99 | 129 | 115 | 80 | 80 | 128 | 150 | 160 | 200 | | 18x23 | 538 | 97 | 360 | 190 | | 170 | 12 | 510 | 310 | 470 | 0,074 | - | 43,4 |
| KLP 80/1200 | 110 | 229 | 99 | 129 | 115 | 80 | 80 | 128 | 150 | 160 | 200 | | 538 | 97 | 360 | 190 | 170 | | 510 | 310 | 470 | 0,074 | - | 43,4 | | |

DIMENSIONS AND WEIGHTS



| MODEL | A | B | B1 | B2 | C | DNA | DNM | D | D1 | D2 | D3 | D4 | H | H1 | I | L | L1 | L2 | M | PACKING DIMENSIONS | | | VOLUME | WEIGHT (Kg) |
|--------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------------------|-----|----|-----|-----|-----|-----|---------------|--------------------|-----|-----|--------|-------------|
| | | | | | | | | | | | | | | | | | | | | L/A | L/B | H | | |
| DKLM 40/300 | 110 | 372 | 185 | 187 | 100 | 40 | 40 | 80 | 100 | 110 | 150 | 4 slots 18x23 | 400 | 55 | 200 | 250 | 125 | 125 | 4 holes 10 | 530 | 280 | 470 | 0,07 | 38,2 |
| DKLP 40/600 | 110 | 372 | 185 | 187 | 100 | 40 | 40 | 80 | 100 | 110 | 150 | | 400 | 55 | 200 | 250 | 125 | 125 | | 530 | 280 | 470 | 0,07 | 41,8 |
| DKLP 40/900 | 110 | 372 | 185 | 187 | 100 | 40 | 40 | 80 | 100 | 110 | 150 | | 400 | 55 | 200 | 250 | 125 | 125 | | 530 | 280 | 470 | 0,07 | 41,8 |
| DKLP 40/1200 | 110 | 372 | 185 | 187 | 100 | 40 | 40 | 80 | 100 | 110 | 150 | | 400 | 55 | 200 | 250 | 125 | 125 | | 530 | 280 | 470 | 0,07 | 41,8 |
| DKLM 50/300 | 110 | 434 | 217 | 217 | 120 | 50 | 50 | 90 | 110 | 125 | 165 | 4 slots 18x25,5 | 410 | 73 | 240 | 280 | 140 | 140 | 4 holes 14 | 540 | 420 | 610 | 0,138 | 51 |
| DKLM 50/600 | 110 | 434 | 217 | 217 | 120 | 50 | 50 | 90 | 110 | 125 | 165 | | 410 | 73 | 240 | 280 | 140 | 140 | | 540 | 420 | 610 | 0,138 | 52 |
| DKLP 50/900 | 110 | 434 | 217 | 217 | 120 | 50 | 50 | 90 | 110 | 125 | 165 | | 410 | 73 | 240 | 280 | 140 | 140 | | 540 | 420 | 610 | 0,138 | 54 |
| DKLP 50/1200 | 110 | 434 | 217 | 217 | 120 | 50 | 50 | 90 | 110 | 125 | 165 | | 410 | 73 | 240 | 280 | 140 | 140 | | 540 | 420 | 610 | 0,138 | 54 |
| DKLM 65/300 | 110 | 455 | 226 | 229 | 140 | 65 | 65 | 110 | 130 | 145 | 185 | 4 slots 18x25,5 | 430 | 82 | 240 | 340 | 170 | 170 | 4 holes 14 | 540 | 420 | 610 | 0,138 | 55 |
| DKLM 65/600 | 110 | 455 | 226 | 229 | 140 | 65 | 65 | 110 | 130 | 145 | 185 | | 430 | 82 | 240 | 340 | 170 | 170 | | 540 | 420 | 610 | 0,138 | 62 |
| DKLP 65/900 | 110 | 455 | 226 | 229 | 140 | 65 | 65 | 110 | 130 | 145 | 185 | | 430 | 82 | 240 | 340 | 170 | 170 | | 540 | 420 | 610 | 0,138 | 66 |
| DKLP 65/1200 | 110 | 455 | 226 | 229 | 140 | 65 | 65 | 110 | 130 | 145 | 185 | | 430 | 82 | 240 | 340 | 170 | 170 | | 540 | 420 | 610 | 0,138 | 66 |
| DKLM 80/300 | 110 | 463 | 230 | 233 | 150 | 80 | 80 | 128 | 150 | 150 | 200 | 4 slots 18x23 | 445 | 97 | 240 | 360 | 190 | 170 | 4 holes 14 | 540 | 420 | 610 | 0,138 | 62 |
| DKLM 80/600 | 110 | 463 | 230 | 233 | 150 | 80 | 80 | 128 | 150 | 150 | 200 | | 445 | 97 | 240 | 360 | 190 | 170 | | 540 | 420 | 610 | 0,138 | 70 |
| DKLP 80/900 | 110 | 463 | 230 | 233 | 150 | 80 | 80 | 128 | 150 | 150 | 200 | | 445 | 97 | 240 | 360 | 190 | 170 | | 540 | 420 | 610 | 0,138 | 76 |
| DKLP 80/1200 | 110 | 463 | 230 | 233 | 150 | 80 | 80 | 128 | 150 | 150 | 200 | | 445 | 97 | 240 | 360 | 190 | 170 | | 540 | 420 | 610 | 0,138 | 76 |

CM/CM-G/DCM/DCM-G IN-LINE PUMPS



CE Circulating pumps with in-line connections, suitable for civil and industrial installations for heating, air-conditioning and hot water for domestic use. Pump body, motor support, impeller and fan cover in cast iron. PN 16 flanged suction and delivery connections with threaded holes for control pressure gauges. Carbon/ceramic mechanical seal. Three-phase, four-pole, asynchronous motor with external ventilation. To protect the motor it is advisable to use a thermal overload protection complying with the regulations in force.

Operating range

from 1,2 to 420 m³/h with head up to 41 metres.

Liquid temperature range

from -10°C to +140°C.

Pumped liquid characteristics clean, free from solids or abrasive substances, not viscous, not aggressive, not crystallised and chemically neutral.

Maximum ambient temperature +40°C

Maximum working pressure 16 bar (1600 kPa).

Protection level IP 55

Insulation class F

PN 16 counter flanges on request.

TECHNICAL DATA - CM/CM-G SINGLE WITH FLANGES

CM/CM-G - 1750 r.p.m. - 4 poles

| MODEL | ELECTRICAL DATA | | | | | |
|--------------------------|-----------------------|----------|-----------|------------|------|-------------------------|
| | VOLTAGE 60 Hz | r.p.m. ≅ | P1 MAX kW | P2 NOMINAL | | In A |
| | | | | kW | HP | |
| CM 40-440 T | 3x220-277/380-480 V ~ | 1750 | 0,28 | 0,75 | 1 | 2,1-1,2 |
| CM 40-540 T | 3x220-277/380-480 V ~ | 1750 | 0,33 | 0,75 | 1 | 2,1-1,2 |
| CM 40-670 T | 3x220-277/380-480 V ~ | 1750 | 0,39 | 0,75 | 1 | 2,2-1,3 |
| CM 40-870 T | 3x220-277/380-480 V ~ | 1750 | 0,51 | 0,75 | 1 | 2,2-1,3 |
| CM 40/1300 T | 3x220-277/380-480 V ~ | 1750 | 1,1 | 0,75 | 1 | 3,5-2 |
| CM 40/1450 T | 3x220-277/380-480 V ~ | 1750 | 1,2 | 0,9 | 1,25 | 4,2-2,4 |
| CM 50-510 T | 3x220-277/380-480 V ~ | 1750 | 0,35 | 0,75 | 1 | 2,1-1,2 |
| CM 50-630 T | 3x220-277/380-480 V ~ | 1750 | 0,5 | 0,75 | 1 | 2,2-1,3 |
| CM 50-780 T | 3x220-277/380-480 V ~ | 1750 | 0,5 | 0,75 | 1 | 2,2-1,3 |
| CM 50-1000 T | 3x220-277/380-480 V ~ | 1750 | 0,64 | 0,75 | 1 | 2,4-1,4 |
| CM 50-1270 T | 3x220-277/380-480 V ~ | 1750 | 1,4 | 1,1 | 1,5 | 4,5-2,6 |
| CM 50-1420 T | 3x220-277/380-480 V ~ | 1750 | 1,4 | 1,1 | 1,5 | 4,5-2,6 |
| CM-G 65-540/A/BAQE/0,37 | 3x220-277/380-480 V ~ | 1750 | 0,6 | 0,37 | 0,5 | 1,78-2,24/1,02-1,28 |
| CM-G 65-660/A/BAQE/0,55 | 3x220-277/380-480 V ~ | 1750 | 0,8 | 0,55 | 0,75 | 2,43-3,06/1,4-1,76 |
| CM-G 65-760/A/BAQE/0,55 | 3x220-277/380-480 V ~ | 1750 | 0,9 | 0,55 | 0,75 | 2,53-3,18/1,45-1,84 |
| CM-G 65-800/A/BAQE/0,75 | 3x220-277/380-480 V ~ | 1750 | 1,1 | 0,75 | 1 | 3,4-4,28/1,95-2,46 |
| CM-G 65-1080/A/BAQE/1,1 | 3x220-277/380-480 V ~ | 1750 | 1,5 | 1,1 | 1,5 | 4,88-6,14/2,85-3,60 |
| CM-G 65-1200/A/BAQE/1,5 | 3x220-277/380-480 V ~ | 1750 | 1,9 | 1,5 | 2 | 6,12-7,71/3,52-4,44 |
| CM-G 65-1530/A/BAQE/2,2 | 3x220-277/380-480 V ~ | 1750 | 2,6 | 2,2 | 3 | 8,35-10,51/4,79-6,05 |
| CM-G 65-1940/A/BAQE/3 | 3x220-277/380-480 V ~ | 1750 | 3,2 | 3 | 4 | 3,3-4,16/3,27-4,13 |
| CM-G 65-2380/A/BAQE/4 | 3x220-277/380-480 V ~ | 1750 | 4,8 | 4 | 5,5 | 5,5-6,93/5,45-6,88 |
| CM-G 65-3100/A/BAQE/5,5 | 3x220-277/380-480 V ~ | 1750 | 6,7 | 5,5 | 7,5 | 6,99-8,79/6,92-8,74 |
| CM-G 65-3500/A/BAQE/7,5 | 3x220-277/380-480 V ~ | 1750 | 8,9 | 7,5 | 10 | 8,8-11,08/8,71-11,01 |
| CM-G 80-550/A/BAQE/0,55 | 3x220-277/380-480 V ~ | 1750 | 0,8 | 0,55 | 0,75 | 2,51-3,16/1,43-1,81 |
| CM-G 80-650/A/BAQE/0,75 | 3x220-277/380-480 V ~ | 1750 | 1,1 | 0,75 | 1 | 3,33-4,19/1,9-2,4 |
| CM-G 80-740/A/BAQE/1,1 | 3x220-277/380-480 V ~ | 1750 | 1,5 | 1,1 | 1,5 | 4,88-6,14/2,85-3,6 |
| CM-G 80-890/A/BAQE/1,5 | 3x220-277/380-480 V ~ | 1750 | 1,9 | 1,5 | 2 | 6,12-7,71/3,52-4,44 |
| CM-G 80-1050/A/BAQE/2,2 | 3x220-277/380-480 V ~ | 1750 | 3,1 | 2,2 | 3 | 8,35-10,51/4,79-6,05 |
| CM-G 80-1530/A/BAQE/3 | 3x220-277/380-480 V ~ | 1750 | 4,2 | 3 | 4 | 3,3-4,16/3,27-4,13 |
| CM-G 80-1700/A/BAQE/4 | 3x220-277/380-480 V ~ | 1750 | 5,9 | 4 | 5,5 | 5,5-6,93/5,45-6,88 |
| CM-G 80-2300/A/BAQE/5,5 | 3x220-277/380-480 V ~ | 1750 | 6,7 | 5,5 | 7,5 | 6,99-8,79/6,92-8,74 |
| CM-G 80-2700/A/BAQE/7,5 | 3x220-277/380-480 V ~ | 1750 | 8,9 | 7,5 | 10 | 8,8-11,08/8,71-11,01 |
| CM-G 80-3420/A/BAQE/11 | 3x220-277/380-480 V ~ | 1750 | 12,9 | 11 | 15 | 13,2-16,62/13,07-16,51 |
| CM-G 80-4100/A/BAQE/15 | 3x220-277/380-480 V ~ | 1750 | 16,9 | 15 | 20 | 17,05-21,47/16,88-21,32 |
| CM-G 80-4600/A/BAQE/18,5 | 3x220-277/380-480 V ~ | 1750 | 20,8 | 18,5 | 25 | 20,9-26,32/20,69-26,14 |
| CM-G 80-5100/A/BAQE/22 | 3x220-277/380-480 V ~ | 1750 | 25,0 | 22 | 30 | 24,2-30,47/23,96-30,26 |

CM/CM-G/DCM/DCM-G IN-LINE PUMPS

TECHNICAL DATA - CM-G SINGLE WITH FLANGE

CM/CM-G - 1750 r.p.m. - 4 poles

| MODEL | ELECTRICAL DATA | | | | | |
|---------------------------|-----------------------|----------------|-----------|------------|-----|-------------------------|
| | VOLTAGE 60 Hz | r.p.m. \cong | P1 MAX kW | P2 NOMINAL | | In A |
| | | | | kW | HP | |
| CM-G 100-650/A/BAQE/1,1 | 3x220-277/380-480 V ~ | 1750 | 1,5 | 1,1 | 1,5 | 4,88-6,14/2,85-3,6 |
| CM-G 100-660/A/BAQE/1,5 | 3x220-277/380-480 V ~ | 1750 | 1,9 | 1,5 | 2 | 6,12-7,71/3,52-4,44 |
| CM-G 100-865/A/BAQE/2,2 | 3x220-277/380-480 V ~ | 1750 | 3,1 | 2,2 | 3 | 8,35-10,51/4,79-6,05 |
| CM-G 100-1020/A/BAQE/3 | 3x220-277/380-480 V ~ | 1750 | 4,2 | 3 | 4 | 3,3-4,16/3,27-4,13 |
| CM-G 100-1320/A/BAQE/4 | 3x220-277/380-480 V ~ | 1750 | 5,9 | 4 | 5,5 | 5,5-6,93/5,45-6,88 |
| CM-G 100-1650/A/BAQE/5,5 | 3x220-277/380-480 V ~ | 1750 | 6,7 | 5,5 | 7,5 | 6,99-8,79/6,92-8,74 |
| CM-G 100-2050/A/BAQE/7,5 | 3x220-277/380-480 V ~ | 1750 | 8,9 | 7,5 | 10 | 8,8-11,08/8,71-11,01 |
| CM-G 100-2400/A/BAQE/11 | 3x220-277/380-480 V ~ | 1750 | 12,9 | 11 | 15 | 13,2-16,62/13,07-16,51 |
| CM-G 100-2900/A/BAQE/15 | 3x220-277/380-480 V ~ | 1750 | 16,9 | 15 | 20 | 17,05-21,47/16,88-21,32 |
| CM-G 100-3400/A/BAQE/18,5 | 3x220-277/380-480 V ~ | 1750 | 20,8 | 18,5 | 25 | 20,9-26,32/20,69-26,14 |
| CM-G 100-3900/A/BAQE/22 | 3x220-277/380-480 V ~ | 1750 | 25,0 | 22 | 30 | 24,2-30,47/23,96-30,26 |
| CM-G 100-4700/A/BAQE/30 | 3x220-277/380-480 V ~ | 1750 | 33,7 | 30 | 40 | 31,9-40,17/31,58-39,89 |
| CM-G 125-1270/A/BAQE/5,5 | 3x220-277/380-480 V ~ | 1750 | 6,7 | 5,5 | 7,5 | 6,99-8,79/6,92-8,74 |
| CM-G 125-1560/A/BAQE/7,5 | 3x220-277/380-480 V ~ | 1750 | 8,9 | 7,5 | 10 | 8,8-11,08/8,71-11,01 |
| CM-G 125-2100/A/BAQE/11 | 3x220-277/380-480 V ~ | 1750 | 12,9 | 11 | 15 | 13,2-16,62/13,07-16,51 |
| CM-G 125-2550/A/BAQE/15 | 3x220-277/380-480 V ~ | 1750 | 16,9 | 15 | 20 | 17,05-21,47/16,88-21,32 |
| CM-G 125-3200/A/BAQE/18,5 | 3x220-277/380-480 V ~ | 1750 | 20,8 | 18,5 | 25 | 20,9-26,32/20,69-26,14 |
| CM-G 125-3600/A/BAQE/22 | 3x220-277/380-480 V ~ | 1750 | 25,0 | 22 | 30 | 24,2-30,47/23,96-30,26 |
| CM -G125-4300/A/BAQE/30 | 3x220-277/380-480 V ~ | 1750 | 33,7 | 30 | 40 | 31,9-40,17/31,58-39,89 |
| CM-G 125-4900/A/BAQE/37 * | 3 x 380-480 V~D | 1750 | 45 | 37 | 50 | 40,5-34,7 |
| CM-G 150-1600/A/BAQE/11 | 3x220-277/380-480 V ~ | 1750 | 12,9 | 11 | 15 | 13,2-16,62/13,07-16,51 |
| CM-G 150-1900/A/BAQE/15 | 3x220-277/380-480 V ~ | 1750 | 16,9 | 15 | 20 | 17,05-21,47/16,88-21,32 |
| CM-G 150-2200/A/BAQE/18,5 | 3x220-277/380-480 V ~ | 1750 | 20,8 | 18,5 | 25 | 20,9-26,32/20,69-26,14 |
| CM-G 150-2405/A/BAQE/22 | 3x220-277/380-480 V ~ | 1750 | 25,0 | 22 | 30 | 24,2-30,47/23,96-30,26 |

* Star (Δ) starting is possible

TECHNICAL DATA - DCM TWIN WITH FLANGE

DCM - 1750 r.p.m. - 4 poles

| MODEL | ELECTRICAL DATA | | | | | |
|--------------------------|------------------------|----------------|-----------|------------|------|-----------|
| | VOLTAGE 60 Hz | r.p.m. \cong | P1 MAX kW | P2 NOMINAL | | In A |
| | | | | kW | HP | |
| DCM 40/380 T 230/400/60T | 3 x 220-277/380-480 V~ | 1750 | 0,41 | 0,25 | 0,33 | 1,46-0,85 |
| DCM 40/460 T 230/400/60T | 3 x 220-277/380-480 V~ | 1750 | 0,41 | 0,25 | 0,33 | 1,46-0,85 |
| DCM 40/620 T 230/400/60T | 3 x 220-277/380-480 V~ | 1750 | 0,41 | 0,25 | 0,33 | 1,46-0,85 |
| DCM 50/460 T 230/400/60T | 3 x 220-277/380-480 V~ | 1750 | 0,41 | 0,25 | 0,33 | 1,46-0,85 |
| DCM 50/630 T 230/400/60T | 3 x 220-277/380-480 V~ | 1750 | 0,57 | 0,37 | 0,5 | 2-1,15 |
| DCM 50/880 T 230/400/60T | 3 x 220-277/380-480 V~ | 1750 | 0,79 | 0,5 | 0,7 | 2,8-1,6 |

* Star (Δ) starting is possible

CM/CM-G/DCM/DCM-G IN-LINE PUMPS

TECHNICAL DATA - DCM-G TWIN WITH FLANGE

CM/CM-G - 1750 r.p.m. - 4 poles

| MODEL | ELECTRICAL DATA | | | | | |
|----------------------------|-----------------------|----------|-----------|------------|------|-------------------------|
| | VOLTAGE 60 Hz | r.p.m. ≡ | P1 MAX kW | P2 NOMINAL | | In A |
| | | | | kW | HP | |
| DCM-G 65-540/A/BAQE/0,37 | 3x220-277/380-480 V ~ | 1750 | 0,6 | 0,37 | 0,5 | 1,78-2,24/1,02-1,28 |
| DCM-G 65-660/A/BAQE/0,55 | 3x220-277/380-480 V ~ | 1750 | 0,8 | 0,55 | 0,75 | 2,43-3,06/1,4-1,76 |
| DCM-G 65-760/A/BAQE/0,55 | 3x220-277/380-480 V ~ | 1750 | 0,9 | 0,55 | 0,75 | 2,53-3,18/1,45-1,84 |
| DCM-G 65-800/A/BAQE/0,75 | 3x220-277/380-480 V ~ | 1750 | 1,1 | 0,75 | 1 | 3,4-4,28/1,95-2,46 |
| DCM-G 65-1080/A/BAQE/1,1 | 3x220-277/380-480 V ~ | 1750 | 1,5 | 1,1 | 1,5 | 4,88-6,14/2,85-3,60 |
| DCM-G 65-1200/A/BAQE/1,5 | 3x220-277/380-480 V ~ | 1750 | 1,9 | 1,5 | 2 | 6,12-7,71/3,52-4,44 |
| DCM-G 65-1530/A/BAQE/2,2 | 3x220-277/380-480 V ~ | 1750 | 2,6 | 2,2 | 3 | 8,35-10,51/4,79-6,05 |
| DCM-G 65-1940/A/BAQE/3 | 3x220-277/380-480 V ~ | 1750 | 3,2 | 3 | 4 | 3,3-4,16/3,27-4,13 |
| DCM-G 65-2380/A/BAQE/4 | 3x220-277/380-480 V ~ | 1750 | 4,8 | 4 | 5,5 | 5,5-6,93/5,45-6,88 |
| DCM-G 65-3100/A/BAQE/5,5 | 3x220-277/380-480 V ~ | 1750 | 6,7 | 5,5 | 7,5 | 6,99-8,79/6,92-8,74 |
| DCM-G 65-3500/A/BAQE/7,5 | 3x220-277/380-480 V ~ | 1750 | 8,9 | 7,5 | 10 | 8,8-11,08/8,71-11,01 |
| DCM-G 80-550/A/BAQE/0,55 | 3x220-277/380-480 V ~ | 1750 | 0,8 | 0,55 | 0,75 | 2,51-3,16/1,43-1,81 |
| DCM-G 80-650/A/BAQE/0,75 | 3x220-277/380-480 V ~ | 1750 | 1,1 | 0,75 | 1 | 3,33-4,19/1,9-2,4 |
| DCM-G 80-740/A/BAQE/1,1 | 3x220-277/380-480 V ~ | 1750 | 1,5 | 1,1 | 1,5 | 4,88-6,14/2,85-3,6 |
| DCM-G 80-890/A/BAQE/1,5 | 3x220-277/380-480 V ~ | 1750 | 1,9 | 1,5 | 2 | 6,12-7,71/3,52-4,44 |
| DCM-G 80-1050/A/BAQE/2,2 | 3x220-277/380-480 V ~ | 1750 | 3,1 | 2,2 | 3 | 8,35-10,51/4,79-6,05 |
| DCM-G 80-1530/A/BAQE/3 | 3x220-277/380-480 V ~ | 1750 | 4,2 | 3 | 4 | 3,3-4,16/3,27-4,13 |
| DCM-G 80-1700/A/BAQE/4 | 3x220-277/380-480 V ~ | 1750 | 5,9 | 4 | 5,5 | 5,5-6,93/5,45-6,88 |
| DCM-G 80-2300/A/BAQE/5,5 | 3x220-277/380-480 V ~ | 1750 | 6,7 | 5,5 | 7,5 | 6,99-8,79/6,92-8,74 |
| DCM-G 80-2700/A/BAQE/7,5 | 3x220-277/380-480 V ~ | 1750 | 8,9 | 7,5 | 10 | 8,8-11,08/8,71-11,01 |
| DCM-G 80-3420/A/BAQE/11 | 3x220-277/380-480 V ~ | 1750 | 12,9 | 11 | 15 | 13,2-16,62/13,07-16,51 |
| DCM-G 80-4100/A/BAQE/15 | 3x220-277/380-480 V ~ | 1750 | 16,9 | 15 | 20 | 17,05-21,47/16,88-21,32 |
| DCM-G 80-4600/A/BAQE/18,5 | 3x220-277/380-480 V ~ | 1750 | 20,8 | 18,5 | 25 | 20,9-26,32/20,69-26,14 |
| DCM-G 80-5100/A/BAQE/22 | 3x220-277/380-480 V ~ | 1750 | 25,0 | 22 | 30 | 24,2-30,47/23,96-30,26 |
| DCM-G 100-650/A/BAQE/1,1 | 3x220-277/380-480 V ~ | 1750 | 1,5 | 1,1 | 1,5 | 4,88-6,14/2,85-3,6 |
| DCM-G 100-660/A/BAQE/1,5 | 3x220-277/380-480 V ~ | 1750 | 1,9 | 1,5 | 2 | 6,12-7,71/3,52-4,44 |
| DCM-G 100-865/A/BAQE/2,2 | 3x220-277/380-480 V ~ | 1750 | 3,1 | 2,2 | 3 | 8,35-10,51/4,79-6,05 |
| DCM-G 100-1020/A/BAQE/3 | 3x220-277/380-480 V ~ | 1750 | 4,2 | 3 | 4 | 3,3-4,16/3,27-4,13 |
| DCM-G 100-1320/A/BAQE/4 | 3x220-277/380-480 V ~ | 1750 | 5,9 | 4 | 5,5 | 5,5-6,93/5,45-6,88 |
| DCM-G 100-1650/A/BAQE/5,5 | 3x220-277/380-480 V ~ | 1750 | 6,7 | 5,5 | 7,5 | 6,99-8,79/6,92-8,74 |
| DCM-G 100-2050/A/BAQE/7,5 | 3x220-277/380-480 V ~ | 1750 | 8,9 | 7,5 | 10 | 8,8-11,08/8,71-11,01 |
| DCM-G 100-2400/A/BAQE/11 | 3x220-277/380-480 V ~ | 1750 | 12,9 | 11 | 15 | 13,2-16,62/13,07-16,51 |
| DCM-G 100-2900/A/BAQE/15 | 3x220-277/380-480 V ~ | 1750 | 16,9 | 15 | 20 | 17,05-21,47/16,88-21,32 |
| DCM-G 100-3400/A/BAQE/18,5 | 3x220-277/380-480 V ~ | 1750 | 20,8 | 18,5 | 25 | 20,9-26,32/20,69-26,14 |
| DCM-G 100-3900/A/BAQE/22 | 3x220-277/380-480 V ~ | 1750 | 25,0 | 22 | 30 | 24,2-30,47/23,96-30,26 |
| DCM-G 100-4700/A/BAQE/30 | 3x220-277/380-480 V ~ | 1750 | 33,7 | 30 | 40 | 31,9-40,17/31,58-39,89 |
| DCM-G 125-1270/A/BAQE/5,5 | 3x220-277/380-480 V ~ | 1750 | 6,7 | 5,5 | 7,5 | 6,99-8,79/6,92-8,74 |
| DCM-G 125-1560/A/BAQE/7,5 | 3x220-277/380-480 V ~ | 1750 | 8,9 | 7,5 | 10 | 8,8-11,08/8,71-11,01 |
| DCM-G 125-2100/A/BAQE/11 | 3x220-277/380-480 V ~ | 1750 | 12,9 | 11 | 15 | 13,2-16,62/13,07-16,51 |
| DCM-G 125-2550/A/BAQE/15 | 3x220-277/380-480 V ~ | 1750 | 16,9 | 15 | 20 | 17,05-21,47/16,88-21,32 |
| DCM-G 125-3200/A/BAQE/18,5 | 3x220-277/380-480 V ~ | 1750 | 20,8 | 18,5 | 25 | 20,9-26,32/20,69-26,14 |
| DCM-G 125-3600/A/BAQE/22 | 3x220-277/380-480 V ~ | 1750 | 25,0 | 22 | 30 | 24,2-30,47/23,96-30,26 |
| DCM-G 125-4300/A/BAQE/30 | 3x220-277/380-480 V ~ | 1750 | 33,7 | 30 | 40 | 31,9-40,17/31,58-39,89 |
| DCM-G 125-4900/A/BAQE/37 | 3 x 380-480 V ~D | 1750 | 45 | 37 | 50 | 40,5-34,7 |
| DCM-G 150-1600/A/BAQE/11 | 3x220-277/380-480 V ~ | 1750 | 12,9 | 11 | 15 | 13,2-16,62/13,07-16,51 |
| DCM-G 150-1900/A/BAQE/15 | 3x220-277/380-480 V ~ | 1750 | 16,9 | 15 | 20 | 17,05-21,47/16,88-21,32 |
| DCM-G 150-2200/A/BAQE/18,5 | 3x220-277/380-480 V ~ | 1750 | 20,8 | 18,5 | 25 | 20,9-26,32/20,69-26,14 |
| DCM-G 150-2405/A/BAQE/22 | 3x220-277/380-480 V ~ | 1750 | 25,0 | 22 | 30 | 24,2-30,47/23,96-30,26 |

* Star (Δ) starting is possible

DCONECT
 COMMAND AND CONTROL SYSTEMS
 CIRCULATORS AND IN-LINE PUMPS
 MULTISTAGE CENTRIFUGAL AND SELF-PRIMING PUMPS
 SWIMMING POOL, POND AND SALT WATER PUMPS
 CENTRIFUGAL PUMPS
 SUBMERSIBLE PUMPS
 SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS
 PRESSURE UNITS

CM/CM-G/DCM/DCM-G IN-LINE PUMPS

DCONNECT

COMMAND AND
CONTROL SYSTEMS

CIRCULATORS AND
IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL
AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND
SALT WATER PUMPS

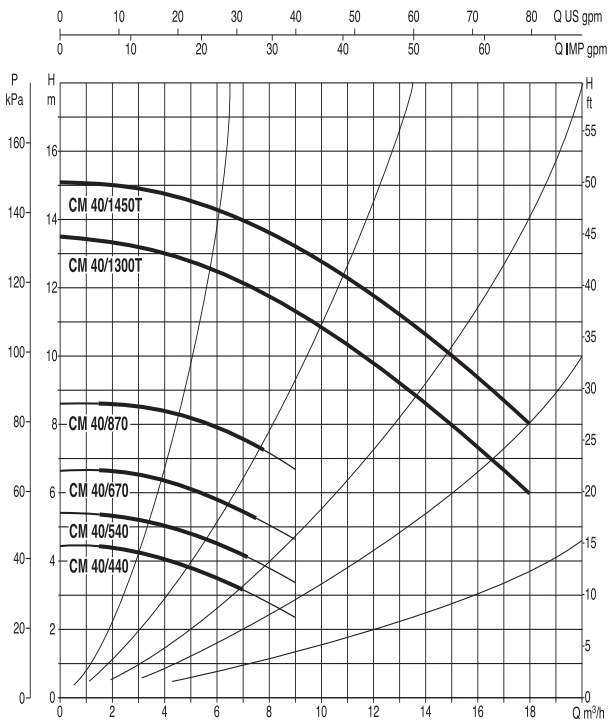
CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS
AND SUBMERSIBLE MOTORS

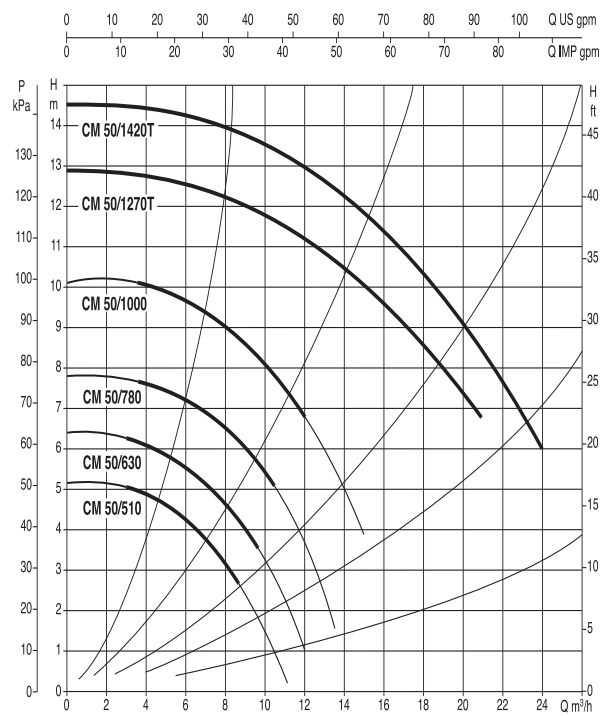
PRESSURE UNITS

CM 40

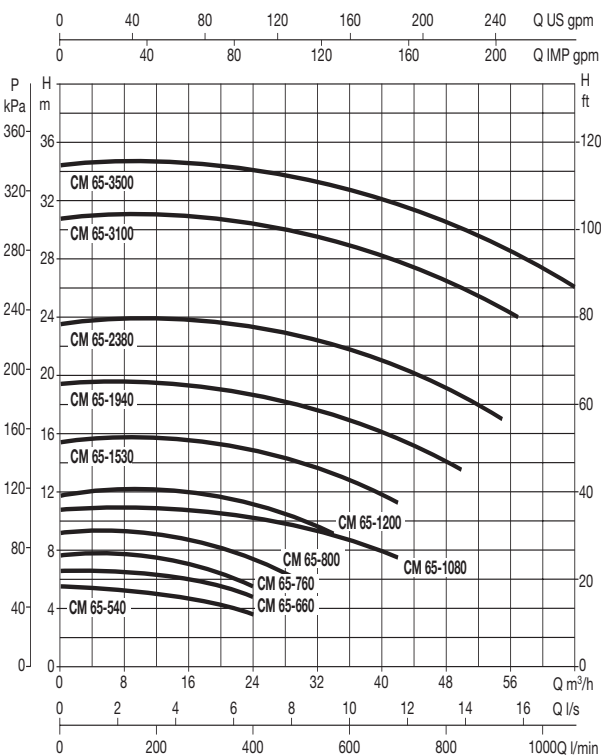


CM 50

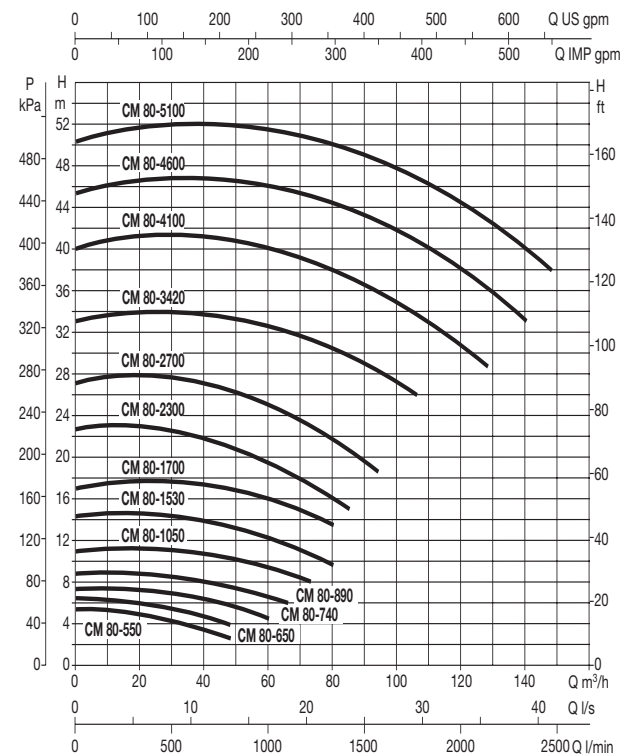
4 POLES



CM-G 65



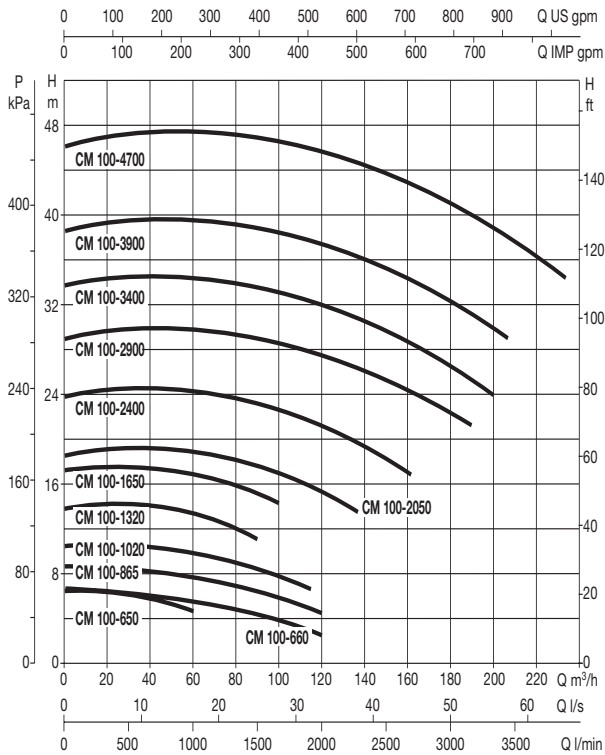
CM-G 80



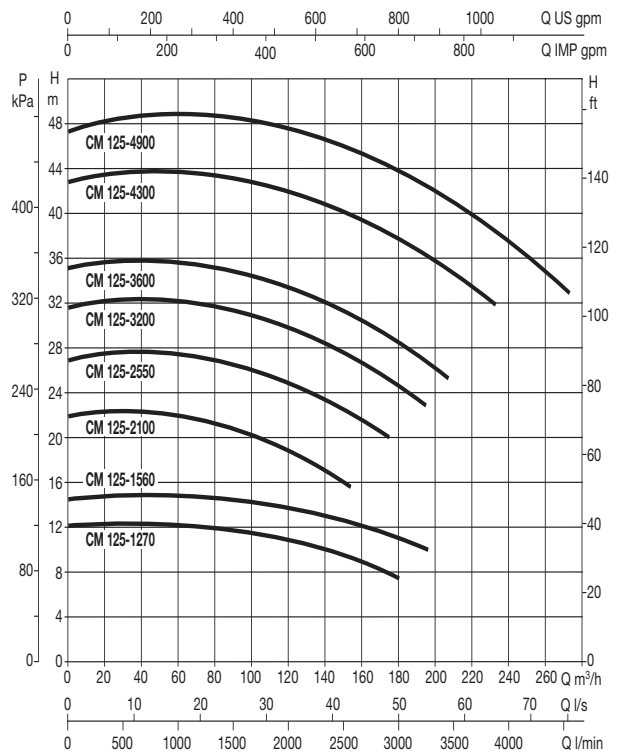
CM/CM-G/DCM/DCM-G IN-LINE PUMPS

4 POLES

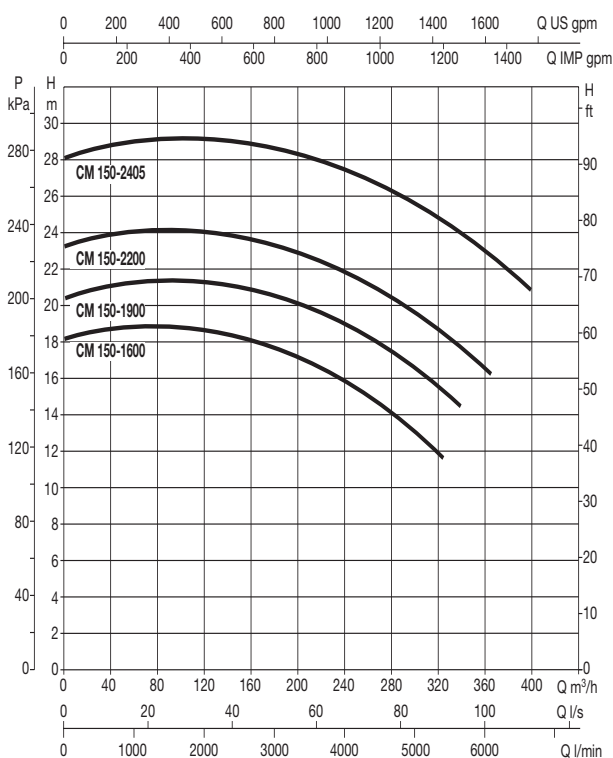
CM-G 100



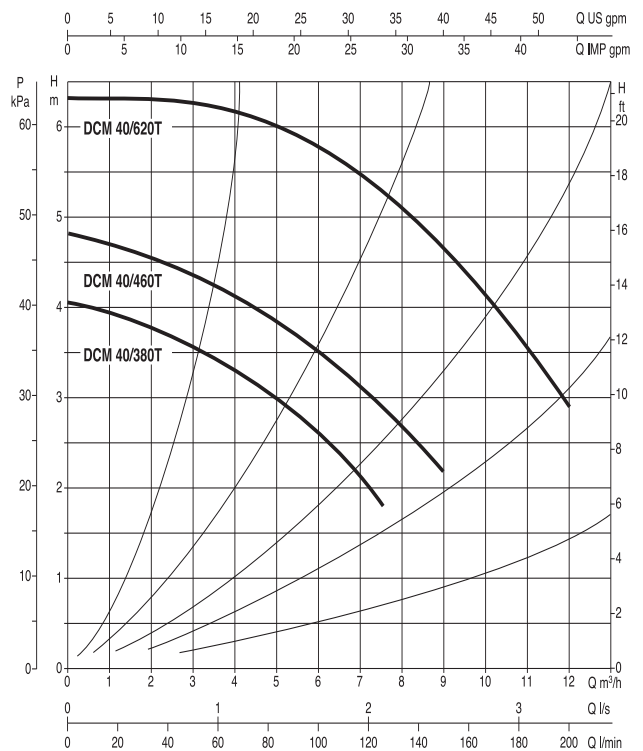
CM-G125



CM-G 150



DCM 40



CM/CM-G/DCM/DCM-G IN-LINE PUMPS

DCONNECT

COMMAND AND
CONTROL SYSTEMS

CIRCULATORS AND
IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL
AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND
SALT WATER PUMPS

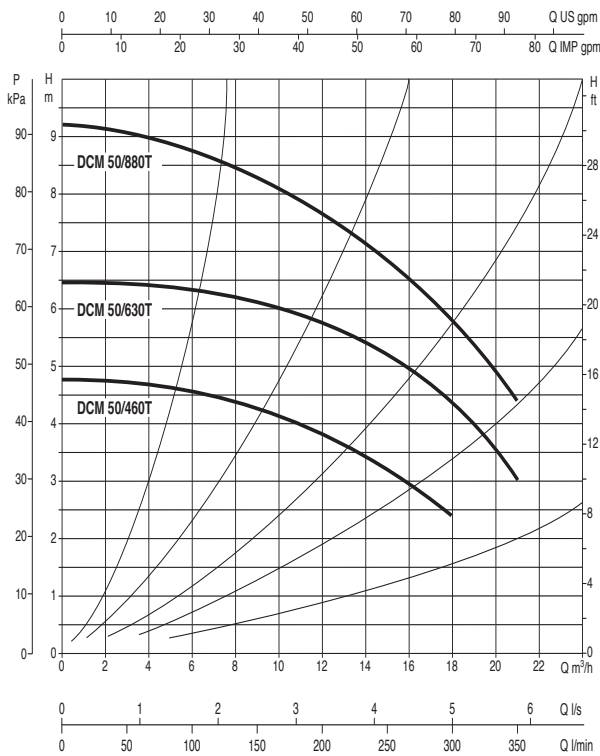
CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS
AND SUBMERSIBLE MOTORS

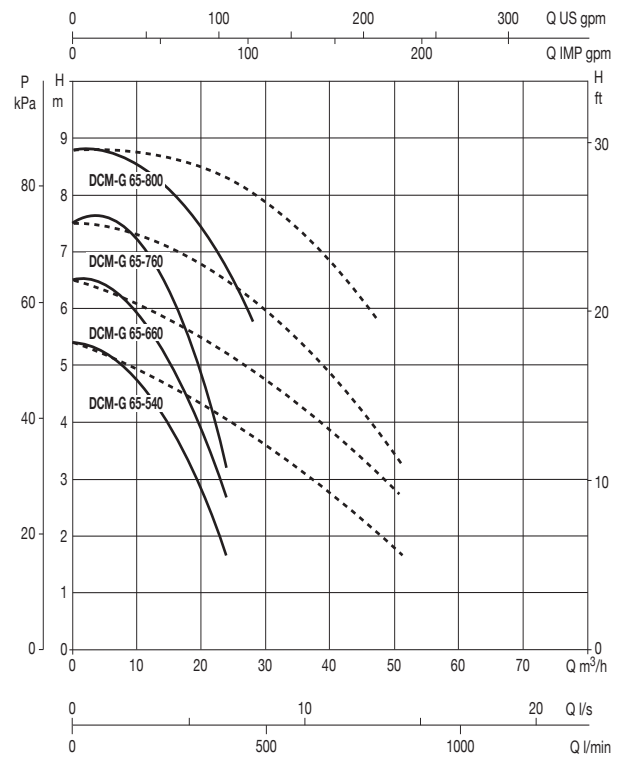
PRESSURE UNITS

DCM 50

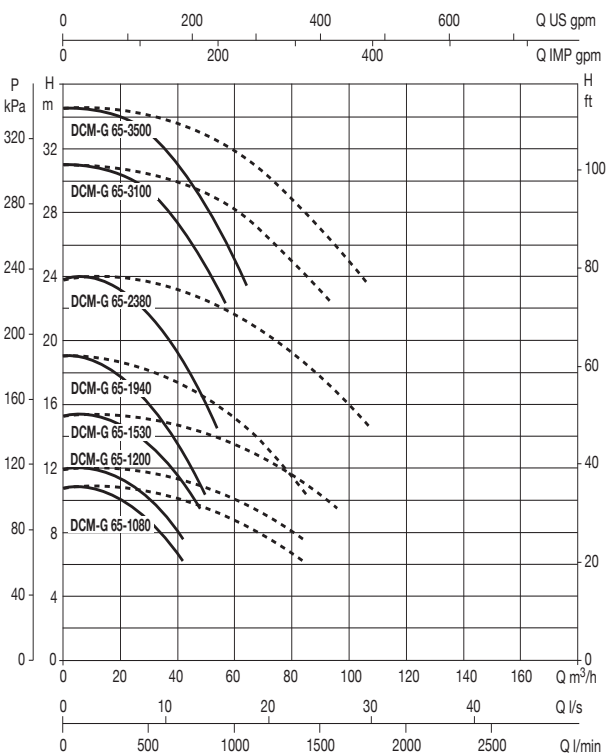


DCM-G 65

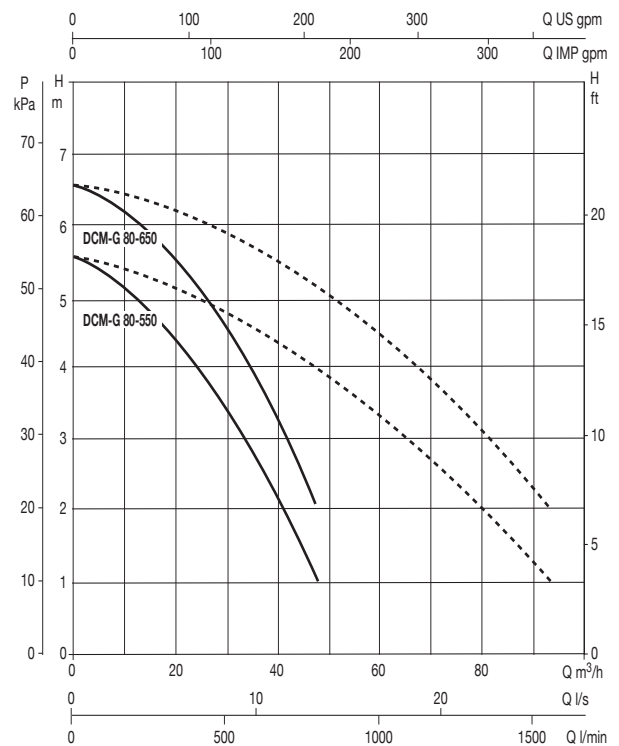
4 POLES



DCM-G 65



DCM-G 80



CM/CM-G/DCM/DCM-G IN-LINE PUMPS

DCONNECT

COMMAND AND
CONTROL SYSTEMS

CIRCULATORS AND
IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL
AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND
SALT WATER PUMPS

CENTRIFUGAL PUMPS

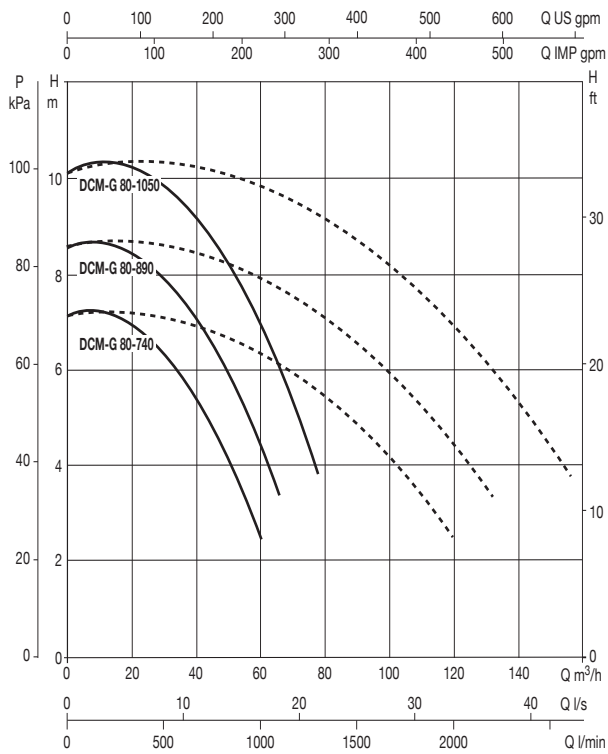
SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS
AND SUBMERSIBLE MOTORS

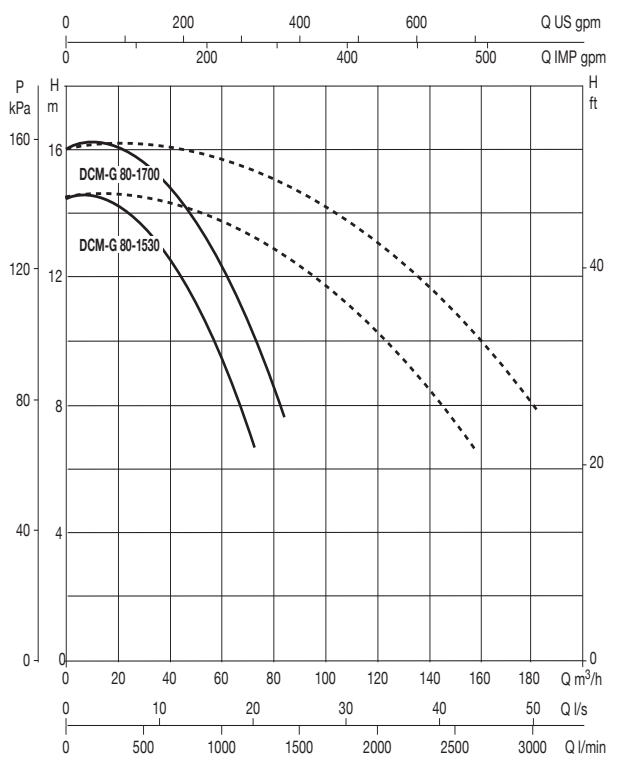
PRESSURE UNITS

4 POLES

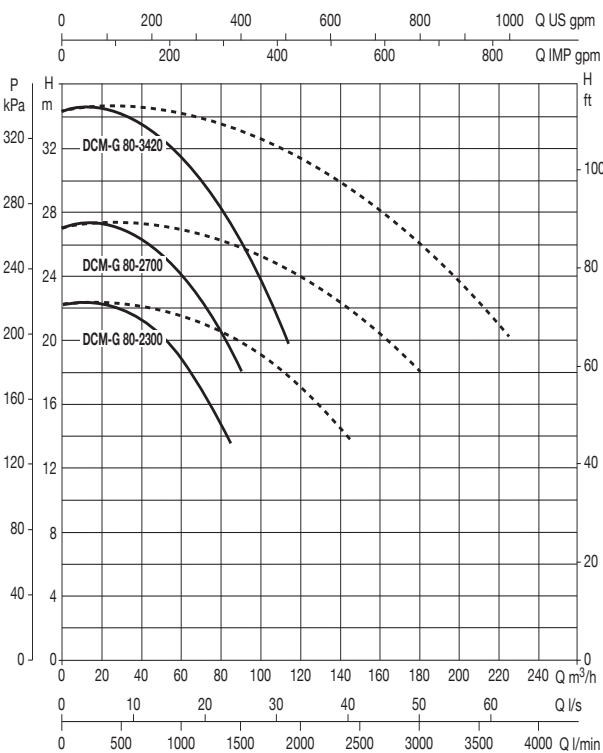
DCM-G 80



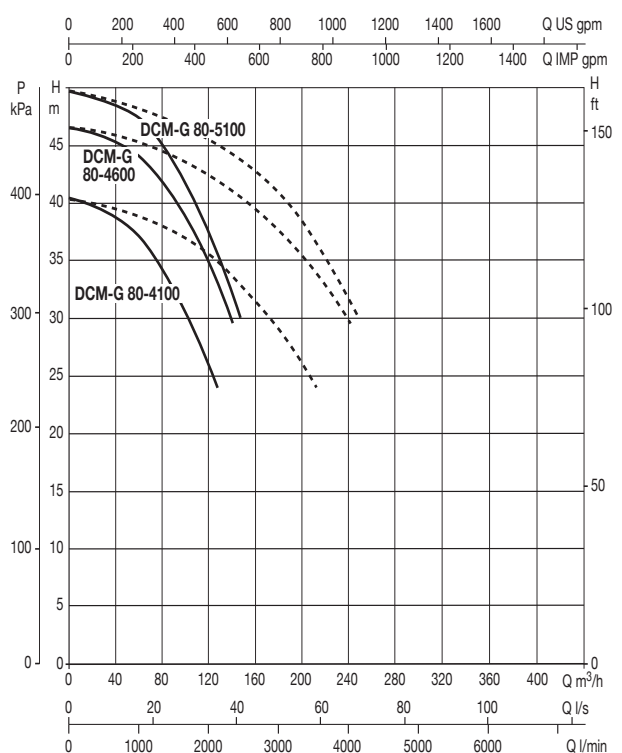
DCM-G 80



DCM-G 80



DCM-G 80



CM/CM-G/DCM/DCM-G IN-LINE PUMPS

DCONNECT

COMMAND AND
CONTROL SYSTEMS

CIRCULATORS AND
IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL
AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND
SALT WATER PUMPS

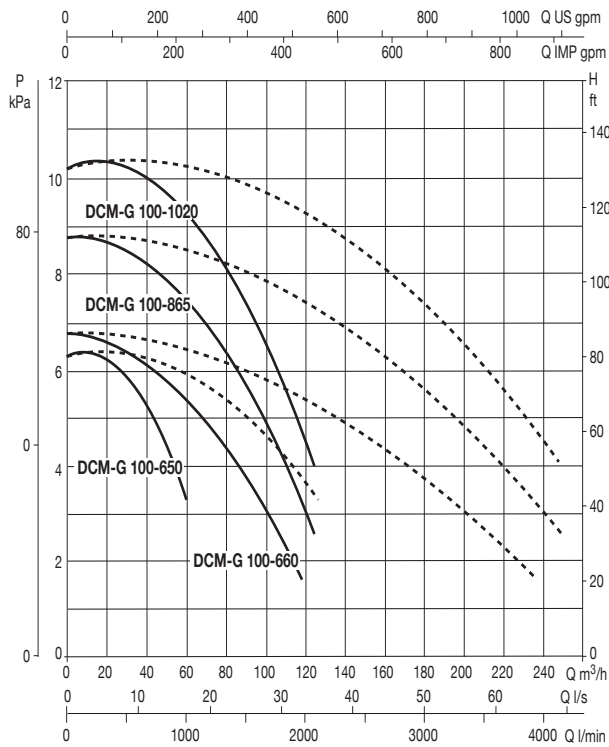
CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS
AND SUBMERSIBLE MOTORS

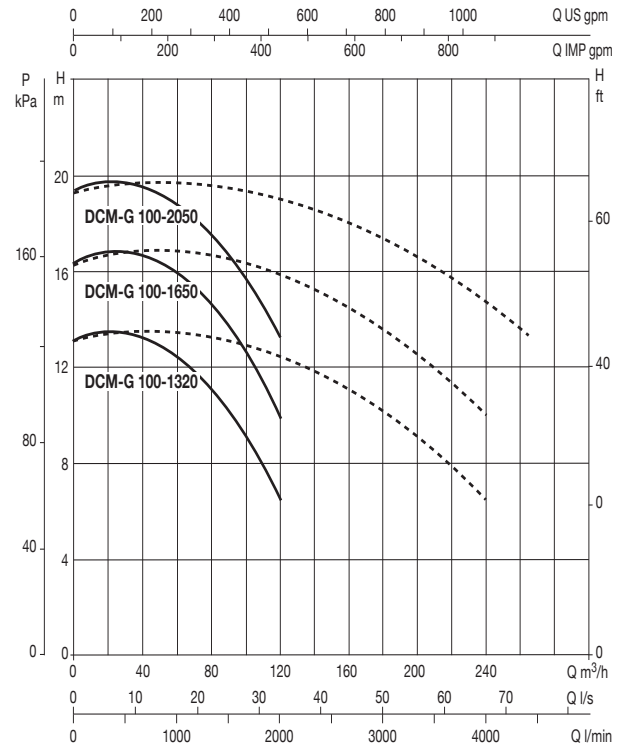
PRESSURE UNITS

DCM-G 100

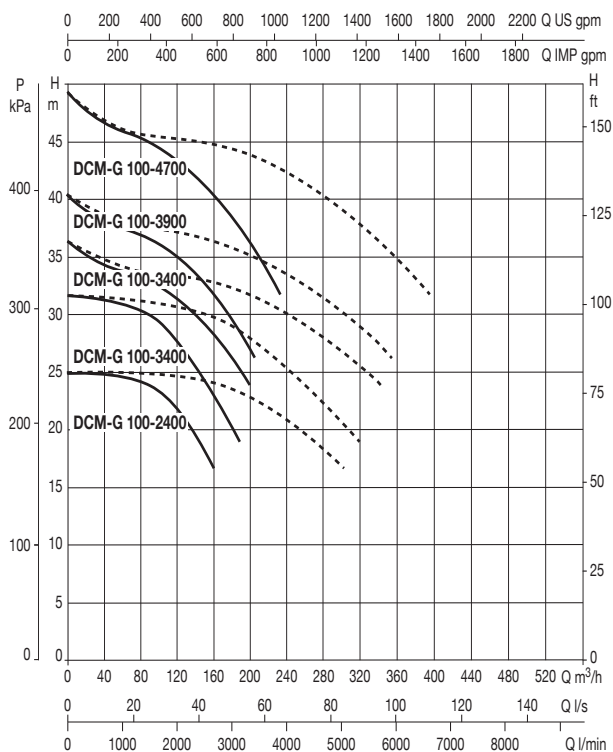


DCM-G 100

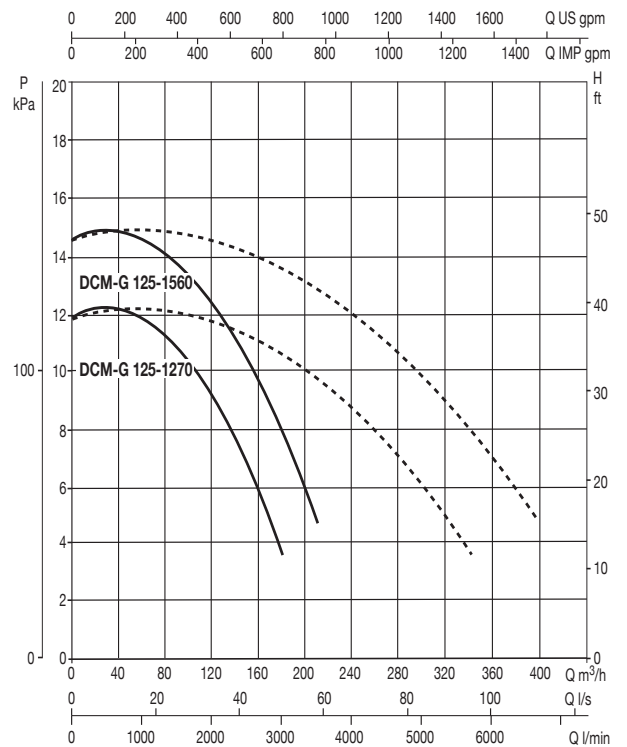
4 POLES



DCM-G 100

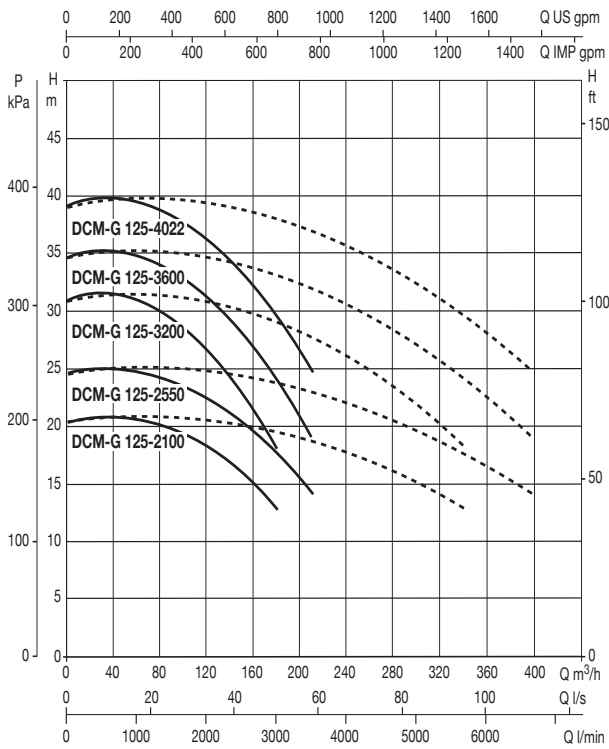


DCM-G 125

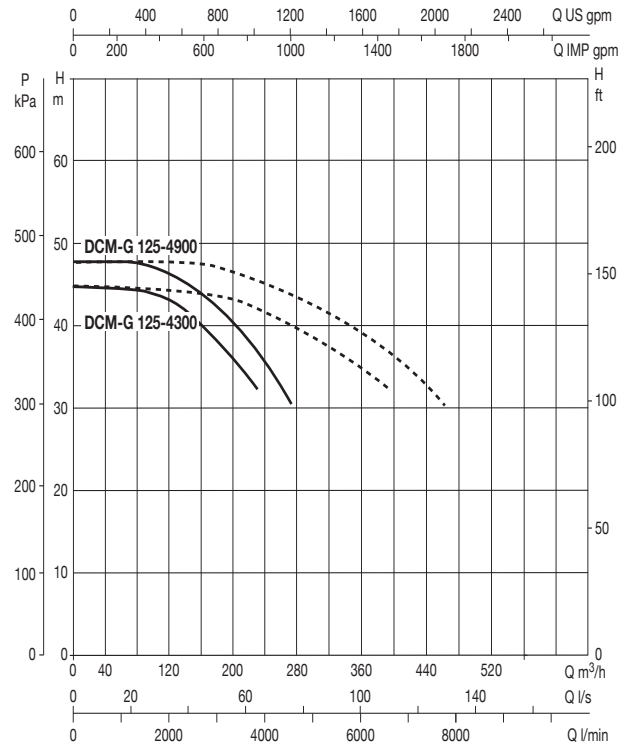


4 POLES

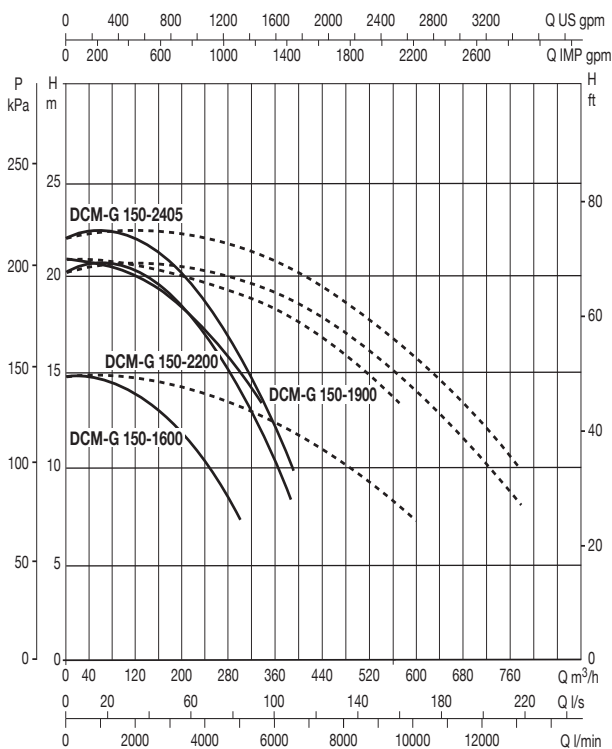
DCM-G 125



DCM-G 125



DCM-G 150



CM/CM-G/DCM/DCM-G

PERFORMANCE RANGE

CM/CM-G - HEATING SYSTEMS, AIR CONDITIONING, SOLAR PANEL AND DOMESTIC HOT WATER

| MODEL | P2 NOMINAL | | Q (m³/h) (l/min) | H (m) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|------------|------|---------------------|-------|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|
| | kW | HP | | 0 | 1,2 | 2,4 | 3 | 3,6 | 4,8 | 6 | 12 | 18 | 24 | 30 | 36 | 42 | 48 | 60 | 72 | 84 | 90 | 102 | 114 | 120 | 150 | 180 | | | | | | | |
| CM 40/440 T | 0,75 | 1 | 4,4 | 4,4 | 4,3 | 4,3 | 4,2 | 3,8 | 3,5 | | | | | | | | | | | | | | | | | | | | | | | | |
| CM 40/540 T | 0,75 | 1 | 5,4 | 5,4 | 5,3 | 5,2 | 5,1 | 4,8 | 4,5 | | | | | | | | | | | | | | | | | | | | | | | | |
| CM 40/670 T | 0,75 | 1 | 6,7 | 6,7 | 6,7 | 6,6 | 6,5 | 6,2 | 5,8 | | | | | | | | | | | | | | | | | | | | | | | | |
| CM 40/870 T | 0,75 | 1 | 8,7 | 8,7 | 8,6 | 8,6 | 8,5 | 8,2 | 7,9 | | | | | | | | | | | | | | | | | | | | | | | | |
| CM 40/1300 T | 0,75 | 1 | | | | 13 | 12,9 | 12,5 | 12,4 | 9,8 | 6 | | | | | | | | | | | | | | | | | | | | | | |
| CM 40/1450 T | 0,9 | 1,25 | | | | | | 14,4 | 14,3 | 11,8 | 8 | | | | | | | | | | | | | | | | | | | | | | |
| CM 50/510 T | 0,75 | 1 | | | | | 5 | 4,6 | 4,2 | | | | | | | | | | | | | | | | | | | | | | | | |
| CM 50/630 T | 0,75 | 1 | | | | | 6,2 | 5,8 | 5,5 | | | | | | | | | | | | | | | | | | | | | | | | |
| CM 50/780 T | 0,75 | 1 | | | | | 7,7 | 7,4 | 7,1 | | | | | | | | | | | | | | | | | | | | | | | | |
| CM 50/1000 T | 0,75 | 1 | | | | | 10,1 | 9,8 | 9,6 | 6,8 | | | | | | | | | | | | | | | | | | | | | | | |
| CM 50/1270 T | 1,1 | 1,5 | | | | | | | 12,7 | 11,2 | 8,5 | | | | | | | | | | | | | | | | | | | | | | |
| CM 50/1420 T | 1,1 | 1,5 | | | | | | | 14,2 | 13 | 10 | 6 | | | | | | | | | | | | | | | | | | | | | |
| CM 65-540/A/BAQE/0,37 | 0,37 | 0,5 | 5,4 | | | | | 5,3 | 5 | 4,4 | 3,5 | | | | | | | | | | | | | | | | | | | | | | |
| CM 65-660/A/BAQE/0,55 | 0,55 | 0,75 | 6,6 | | | | | 6,5 | 6,2 | 5,7 | 4,8 | | | | | | | | | | | | | | | | | | | | | | |
| CM 65-760/A/BAQE/0,55 | 0,55 | 0,75 | 7,6 | | | | | 7,7 | 7,6 | 6,7 | 5,5 | | | | | | | | | | | | | | | | | | | | | | |
| CM-G 65-800/A/BAQE/0,75 | 0,75 | 1 | 9,2 | | | | | 9,2 | 9 | 8,4 | 7,4 | 5,7 | | | | | | | | | | | | | | | | | | | | | |
| CM-G 65-1080/A/BAQE/1,1 | 1,1 | 1,5 | 10,8 | | | | | | 10,8 | 10,6 | 10,2 | 9,5 | 8,6 | 7,3 | | | | | | | | | | | | | | | | | | | |
| CM-G 65-1200/A/BAQE/1,5 | 1,5 | 2 | 12 | | | | | | 12 | 11,9 | 11,5 | 10,8 | 10,1 | 8,9 | | | | | | | | | | | | | | | | | | | |
| CM-G 65-1530/A/BAQE/2,2 | 2,2 | 3 | 15,3 | | | | | | 15,3 | 15,2 | 14,8 | 14 | 13,3 | 12,1 | 10,8 | | | | | | | | | | | | | | | | | | |
| CM-G 65-1940/A/BAQE/3 | 3 | 4 | 19,4 | | | | | | 19,5 | 19,2 | 18,7 | 17,9 | 16,9 | 15,6 | 14,1 | | | | | | | | | | | | | | | | | | |
| CM-G 65-2380/A/BAQE/4 | 4 | 5,5 | 23,8 | | | | | | 24 | 23,8 | 23,4 | 22,7 | 21,6 | 20,4 | 19 | | | | | | | | | | | | | | | | | | |
| CM-G 65-3100/A/BAQE/5,5 | 5,5 | 7,5 | 30,7 | | | | | | 31,1 | 30,7 | 30,4 | 29,8 | 28,8 | 27,8 | 26,3 | | | | | | | | | | | | | | | | | | |
| CM-G 65-3500/A/BAQE/7,5 | 7,5 | 10 | 34,4 | | | | | | 34,7 | 34,4 | 34,1 | 33,5 | 32,7 | 31,8 | 30,4 | 27,3 | | | | | | | | | | | | | | | | | |
| CM-G 80-550/A/BAQE/0,55 | 0,55 | 0,75 | 5,5 | | | | | | 5,2 | 5 | 4,7 | 4,3 | 3,9 | 3,3 | 2,6 | | | | | | | | | | | | | | | | | | |
| CM-G 80-650/A/BAQE/0,75 | 0,75 | 1 | 6,5 | | | | | | 6,3 | 6,1 | 5,8 | 5,5 | 5 | 4,5 | 3,9 | | | | | | | | | | | | | | | | | | |
| CM-G 80-740/A/BAQE/1,1 | 1,1 | 1,5 | 7,4 | | | | | | 7,4 | 7,3 | 7,2 | 6,9 | 6,7 | 6,3 | 5,8 | 4,4 | | | | | | | | | | | | | | | | | |
| CM-G 80-890/A/BAQE/1,5 | 1,5 | 2 | 8,9 | | | | | | | 8,8 | 8,7 | 8,6 | 8,3 | 8 | 7,6 | 6,6 | | | | | | | | | | | | | | | | | |
| CM-G 80-1050/A/BAQE/2,2 | 2,2 | 3 | 10,5 | | | | | | | | 10,4 | 10,3 | 10,2 | 9,9 | 9,6 | 8,8 | | | | | | | | | | | | | | | | | |
| CM-G 80-1530/A/BAQE/3 | 3 | 4 | 15,3 | | | | | | | | 15,4 | 15,3 | 15 | 14,6 | 14,1 | 12,9 | 11,3 | | | | | | | | | | | | | | | | |
| CM-G 80-1700/A/BAQE/4 | 4 | 5,5 | 17 | | | | | | | | 17,2 | 17,2 | 17,1 | 16,8 | 16,5 | 15,7 | 14,3 | 12,6 | | | | | | | | | | | | | | | |
| CM-G 80-2300/A/BAQE/5,5 | 5,5 | 7,5 | 22,7 | | | | | | | | 22,9 | 22,6 | 22,1 | 21,6 | 20,9 | 19,4 | 17,6 | 15,2 | | | | | | | | | | | | | | | |
| CM-G 80-2700/A/BAQE/7,5 | 7,5 | 10 | 27 | | | | | | | | | | | 26 | 25,5 | 24,5 | 22,7 | 20,2 | 19 | | | | | | | | | | | | | | |
| CM-G 80-3420/A/BAQE/11 | 11 | 15 | 34,2 | | | | | | | | | | | | 33,2 | 33 | 32 | 30,7 | 29 | 28 | 25 | 21,7 | | | | | | | | | | | |
| CM-G 80-4100/A/BAQE/15 | 15 | 20 | 39,8 | | | | | | | | | | | | | 41,2 | 41 | 40 | 39 | 37,4 | 36,6 | 34,7 | 32 | 30,6 | | | | | | | | | |
| CM-G 80-4600/A/BAQE/18,5 | 18,5 | 25 | 45,2 | | | | | | | | | | | | | | 47 | 46,7 | 46,1 | 45,1 | 43,9 | 43,1 | 41,6 | 39,2 | 38,4 | | | | | | | | |
| CM-G 80-5100/A/BAQE/22 | 22 | 30 | 50,2 | | | | | | | | | | | | | | | 52 | 52 | 51,5 | 50,8 | 49,7 | 49 | 47,3 | 45,5 | 44,5 | | | | | | | |
| CM-G 100-650/A/BAQE/1,1 | 1,1 | 1,5 | 6,5 | | | | | | | 6,4 | 6,4 | 6,3 | 6,2 | 6 | 5,8 | 5,5 | 4,6 | | | | | | | | | | | | | | | | |
| CM-G 100-660/A/BAQE/1,5 | 1,5 | 2 | 6,6 | | | | | | | | | | | 6,4 | 6,3 | 6,2 | 6 | 5,6 | 5 | 4,5 | 4,3 | 3,7 | 3 | | | | | | | | | | |
| CM-G 100-865/A/BAQE/2,2 | 2,2 | 3 | 8,6 | | | | | | | | | | | | 8,5 | 8,5 | 8,3 | 8,2 | 7,7 | 7,2 | 6,7 | 6,3 | 5,7 | 4,9 | 4,6 | | | | | | | | |
| CM-G 100-1020/A/BAQE/3 | 3 | 4 | 10,2 | | | | | | | | | | | | | 10,2 | 10,1 | 10 | 9,9 | 9,7 | 9,3 | 8,8 | 8,6 | 7,9 | 7,2 | 6,7 | | | | | | | |
| CM-G 100-1320/A/BAQE/4 | 4 | 5,5 | 13,2 | | | | | | | | | | | | | | | 13,2 | 13,2 | 12,9 | 12,4 | 11,7 | 11,3 | 10,4 | 9,3 | 8,7 | | | | | | | |
| CM-G 100-1650/A/BAQE/5,5 | 5,5 | 7,5 | 16,5 | | | | | | | | | | | | | | | | 16,6 | 16,5 | 16,2 | 16 | 15,4 | 15 | 14,3 | 13,3 | 12,7 | | | | | | |
| CM-G 100-2050/A/BAQE/7,5 | 7,5 | 10 | 20,5 | | | | | | | | | | | | | | | | | 21 | 21 | 20,7 | 20 | 19,5 | 19 | 18 | 16,7 | 16 | | | | | |
| CM-G 100-2400/A/BAQE/11 | 11 | 15 | 23,7 | | | | | | | | | | | | | | | | | | 24,5 | 24,2 | 23,9 | 23,3 | 23,1 | 22,4 | 21,6 | 21 | 18 | | | | |
| CM-G 100-2900/A/BAQE/15 | 15 | 20 | 28,8 | | | | | | | | | | | | | | | | | | | 29,7 | 29,5 | 29,2 | 29 | 28,4 | 27,8 | 27,3 | 25 | 22,2 | | | |
| CM-G 100-3400/A/BAQE/18,5 | 18,5 | 25 | 33,8 | | | | | | | | | | | | | | | | | | | | 34,3 | 34 | 33,7 | 33,4 | 32,9 | 32,2 | 31,8 | 29,6 | 26,5 | | |
| CM-G 100-3900/A/BAQE/22 | 22 | 30 | 38,4 | | | | | | | | | | | | | | | | | | | | | 39,5 | 39,4 | 39,1 | 38,8 | 38,4 | 37,8 | 37,2 | 35,1 | 32,1 | |

CM/CM-G/DCM/DCM-G

PERFORMANCE RANGE

CM/CM-G - HEATING SYSTEMS, AIR CONDITIONING, SOLAR PANEL AND DOMESTIC HOT WATER

| MODEL | P2 NOMINAL | | Q (m³/h) (l/min) | 0 | 60 | 72 | 84 | 90 | 102 | 114 | 120 | 150 | 180 | 210 | 250 | 300 | 360 | 390 | 420 | |
|---------------------------|------------|-----|---------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|
| | kW | HP | | 0 | 1000 | 1200 | 1400 | 1500 | 1700 | 1900 | 2000 | 2500 | 3000 | 3500 | 4167 | 5000 | 6000 | 6500 | 7000 | |
| CM-G 100-4700/A/BAQE/30 | 30 | 40 | H (m) | 46,1 | | 47,2 | 46,9 | 46,8 | 46,5 | 46,1 | 45,7 | 43,6 | 40,8 | 37,4 | | | | | | |
| CM-G 125-1270/A/BAQE/5,5 | 5,5 | 7,5 | | 12,7 | 12,6 | 12,5 | 12,4 | 12,3 | 12 | 11,5 | 11,4 | 10,1 | 8,5 | | | | | | | |
| CM-G 125-1560/A/BAQE/7,5 | 7,5 | 10 | | 15,6 | 15,4 | 15,3 | 15,1 | 15 | 14,7 | 14,5 | 14,3 | 13,3 | 11,6 | 9,8 | | | | | | |
| CM-G 125-2100/A/BAQE/11 | 11 | 15 | | 21 | 21,5 | 21,5 | 21,2 | 21 | 20,9 | 20 | 19,8 | 18 | 16 | | | | | | | |
| CM-G 125-2550/A/BAQE/15 | 15 | 20 | | 25,5 | 25,5 | 25,5 | 25,1 | 25,1 | 25 | 24,5 | 24 | 22,5 | 20,5 | 17,5 | | | | | | |
| CM-G 125-3200/A/BAQE/18,5 | 18,5 | 25 | | 32 | | | 31,5 | 31,4 | 31 | 30,5 | 28,8 | 26 | 23 | | | | | | | |
| CM-G 125-3600/A/BAQE/22 | 22 | 30 | | 36 | | | 35,5 | 35,2 | 35 | 34,6 | 33,2 | 31 | 28 | 24 | | | | | | |
| CM-G 125-4300/A/BAQE/30 | 30 | 40 | | 42,7 | | | 43,5 | 43,2 | 42,7 | 42,3 | 41,9 | 40,2 | 37,7 | 34,5 | | | | | | |
| CM-G 125-4900/A/BAQE/37 | 37 | 50 | | 47,2 | | | | | 48,2 | 47,9 | 47,6 | 45,9 | 43,7 | 40,7 | 35,8 | | | | | |
| CM-G 150-1600/A/BAQE/11 | 11 | 15 | | 16 | | | | | 15,5 | 15,5 | 15,4 | 14,8 | 14 | 13 | 11 | 9,2 | | | | |
| CM-G 150-1900/A/BAQE/15 | 15 | 20 | | 24,4 | | | | | 21,3 | 21,3 | 21,2 | 21 | 20,5 | 19,8 | 18,5 | 16,4 | | | | |
| CM-G 150-2200/A/BAQE/18,5 | 18,5 | 25 | | 22 | | | | | 22 | 21,9 | 21,8 | 21,7 | 21,4 | 20,5 | 19 | 17,2 | 14 | 12 | | |
| CM-G 150-2405/A/BAQE/22 | 22 | 30 | | 24,1 | | | | | 23,9 | 23,9 | 23,8 | 23,6 | 23,2 | 22,7 | 21,8 | 20,2 | 17,5 | 15,6 | 14 | |

DCM - HEATING SYSTEMS, AIR CONDITIONING, SOLAR PANEL AND DOMESTIC HOT WATER

| MODEL | P2 NOMINAL | | Q (m³/h) (l/min) | 0 | 0,6 | 1,2 | 1,8 | 2,4 | 3,0 | 4,5 | 6 | 9 | 10,5 | 12 | 13,5 | 15 | 18 | 24 | 27 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | 72 | 78 | 90 | 105 | 120 | | | |
|--------------------------|------------|------|---------------------|---|-----|-----|-----|-----|-----|------|-----|-----|------|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|--|--|--|
| | kW | HP | | 0 | 10 | 20 | 30 | 40 | 50 | 75 | 100 | 150 | 175 | 200 | 225 | 250 | 300 | 400 | 450 | 500 | 600 | 700 | 800 | 900 | 1000 | 1100 | 1200 | 1300 | 1500 | 1750 | 2000 | | | |
| DCM 40/380 T 230/400/60T | 0,25 | 0,33 | H (m) | | | | 3,8 | 3,7 | 3,6 | 3,15 | 2,6 | | | | | | | | | | | | | | | | | | | | | | | |
| DCM 40/460 T 230/400/60T | 0,25 | 0,33 | | | | | | 4,6 | 4,5 | 4,1 | 3,6 | 2,2 | | | | | | | | | | | | | | | | | | | | | | |
| DCM 40/620 T 230/400/60T | 0,25 | 0,33 | | | | | | | 6,2 | 6 | 5,8 | 4,5 | 3,9 | 3 | | | | | | | | | | | | | | | | | | | | |
| DCM 50/460 T 230/400/60T | 0,25 | 0,33 | | | | | | | | 4,6 | 4,3 | 4,1 | 3,9 | 3,6 | 3,3 | 2,4 | | | | | | | | | | | | | | | | | | |
| DCM 50/630 T 230/400/60T | 0,4 | 0,5 | | | | | | | | 6,3 | 6,1 | 6 | 5,8 | 5,5 | 5,2 | 4,6 | | | | | | | | | | | | | | | | | | |
| DCM 50/880 T 230/400/60T | 0,5 | 0,7 | | | | | | | | 8,8 | 8,3 | 8 | 7,7 | 7,3 | 6,9 | 5,9 | | | | | | | | | | | | | | | | | | |

DCM-G - HEATING SYSTEMS, AIR CONDITIONING, SOLAR PANEL AND DOMESTIC HOT WATER

| MODEL | Q (m³/h) (l/min) | 0 | 6 | 12 | 18 | 24 | 30 | 36 | 42 | 48 | 54 | |
|--------------------------|---------------------|------|-----|------|------|------|------|------|------|------|------|----|
| | | 0 | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 900 | |
| DCM-G 65-540/A/BAQE/0,37 | H (m) | 5,4 | 5,0 | 4,5 | 3,2 | 2,0 | | | | | | |
| DCM-G 65-660/A/BAQE/0,55 | | 6,5 | 6,4 | 5,9 | 4,4 | 3,1 | | | | | | |
| DCM-G 65-760/A/BAQE/0,55 | | 7,5 | 7,6 | 7,3 | 5,4 | 4,0 | | | | | | |
| DCM-G 65-800/A/BAQE/0,75 | | 8,9 | 8,7 | 8,3 | 7,5 | 6,2 | | | | | | |
| DCM-G 65-1080/A/BAQE/1,1 | | 10,8 | | 10,7 | 10,4 | 9,7 | 8,8 | 7,7 | 6,2 | | | |
| DCM-G 65-1200/A/BAQE/1,5 | | 12,0 | | 11,9 | 11,6 | 11,0 | 10,0 | 9,0 | 7,6 | | | |
| DCM-G 65-1530/A/BAQE/2,2 | | 15,3 | | 15,2 | 15,0 | 14,4 | 13,4 | 12,5 | 11,0 | 9,5 | | |
| DCM-G 65-1940/A/BAQE/3 | | 19 | | 18,7 | 18 | 17,1 | 16 | 14,9 | 13 | 11 | | |
| DCM-G 65-2380/A/BAQE/4 | | 23,8 | | 23,9 | 23,5 | 22,8 | 21,8 | 20,3 | 18,6 | 16,8 | 14,5 | |
| DCM-G 65-3100/A/BAQE/5,5 | | 31 | | | 30,2 | 30 | 29 | 28 | 26,8 | 24,9 | 23 | |
| DCM-G 65-3500/A/BAQE/7,5 | | 34,5 | | | | 34 | 33,5 | 33 | 32 | 30 | 29 | 27 |

DCONNECT
 COMMAND AND CONTROL SYSTEMS
 CIRCULATORS AND IN-LINE PUMPS
 MULTISTAGE CENTRIFUGAL AND SELF-PRIMING PUMPS
 SWIMMING POOL, POND AND SALT WATER PUMPS
 CENTRIFUGAL PUMPS
 SUBMERSIBLE PUMPS
 SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS
 PRESSURE UNITS

CM/CM-G/DCM/DCM-G

PERFORMANCE RANGE

| MODEL | Q (m³/h) (l/min) | 0 | 12 | 18 | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | 72 | 78 | 84 | 90 | 102 | 114 | |
|---------------------------|---------------------|------|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----|
| | | 0 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1700 | 1900 | |
| DCM-G 80-550/A/BAQE/0,55 | H (m) | 5,5 | 5,1 | 4,7 | 4,1 | 3,4 | 2,6 | 1,9 | 1,1 | | | | | | | | | | |
| DCM-G 80-650/A/BAQE/0,75 | | 6,5 | 6,2 | 5,8 | 5,2 | 4,5 | 3,7 | 2,9 | 2,1 | | | | | | | | | | |
| DCM-G 80-740/A/BAQE/1,1 | | 7,1 | | | 6,8 | 6,3 | 5,9 | 5,1 | 4,3 | 3,5 | 2,5 | | | | | | | | |
| DCM-G 80-890/A/BAQE/1,5 | | 8,5 | | | 8,3 | 8,0 | 7,5 | 6,8 | 6,1 | 5,3 | 4,4 | 3,5 | | | | | | | |
| DCM-G 80-1050/A/BAQE/2,2 | | 10,1 | | | 10,1 | 9,9 | 9,5 | 9,0 | 8,4 | 7,7 | 6,9 | | | 3,8 | | | | | |
| DCM-G 80-1530/A/BAQE/3 | | 14,4 | | | 14,1 | 13,7 | 13,0 | 12,2 | 11,3 | 10,2 | 9,2 | 8,0 | 6,8 | | | | | | |
| DCM-G 80-1700/A/BAQE/4 | | 16,0 | | | 15,7 | 15,5 | 15,3 | 14,6 | 14,0 | 13,2 | 12,3 | 11,2 | 10,0 | 8,9 | 7,7 | | | | |
| DCM-G 80-2300/A/BAQE/5,5 | | 22,2 | | | | 21,8 | 21,5 | 21 | 20 | 19,2 | 18,7 | 17,5 | 16,2 | 15 | 13,7 | | | | |
| DCM-G 80-2700/A/BAQE/7,5 | | 27,0 | | | | | 26,1 | 26,1 | 25,5 | 24,9 | 24,2 | 23,2 | 22,1 | 20,7 | 19,3 | 17,9 | | | |
| DCM-G 80-3420/A/BAQE/11 | | 34,2 | | | | | 33,3 | 33,3 | 32,9 | 32,3 | 31,8 | 30,9 | 29,9 | 29,0 | 27,8 | 24,4 | 22,0 | 20,8 | |
| DCM-G 80-4100/A/BAQE/15 | | 40,5 | | | | | 38,7 | 38 | 37,8 | 37,5 | 37 | 36 | 35 | 34 | 33 | 32 | 30 | 27 | |
| DCM-G 80-4600/A/BAQE/18,5 | | 47 | | | | | | | 44,9 | 44,5 | 44 | 43,5 | 43 | 42,5 | 42 | 41 | 40 | 38 | 36 |
| DCM-G 80-5100/A/BAQE/22 | | 50 | | | | | | | 47,8 | 47,5 | 47 | 46,5 | 46 | 45,8 | 45 | 44 | 43,8 | 41 | 39 |

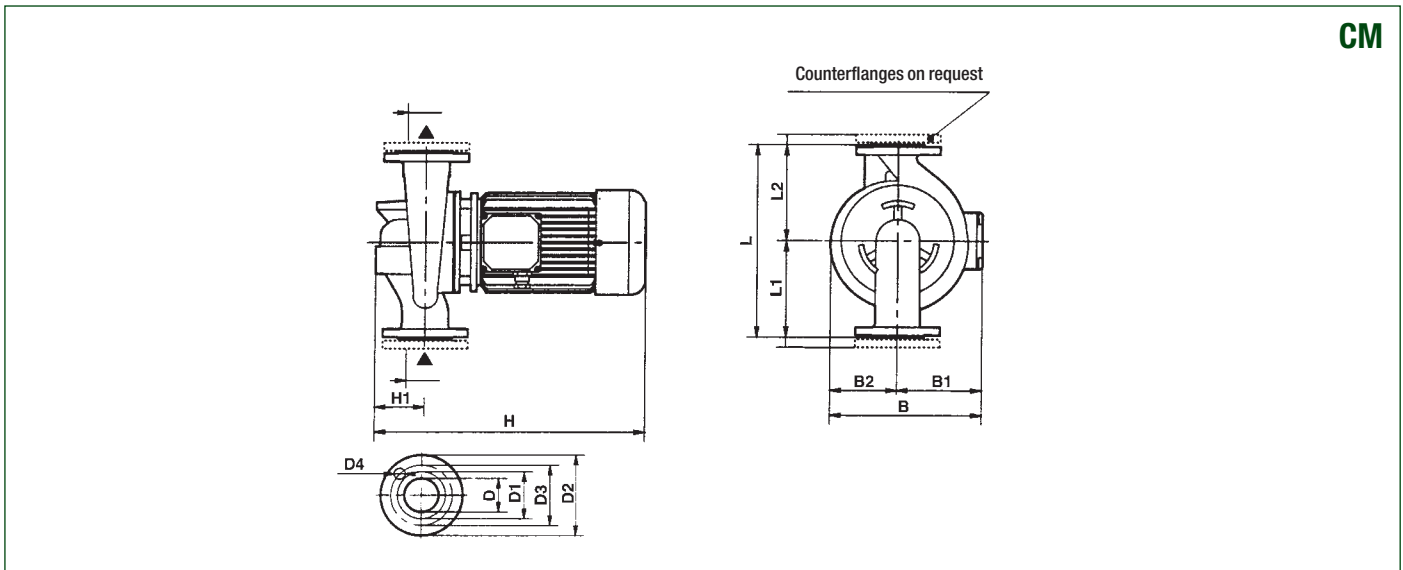
| MODEL | Q (m³/h) (l/min) | 0 | 12 | 18 | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | 72 | 78 | 84 | 90 | 102 | 114 | 120 | 150 | 180 | |
|----------------------------|---------------------|------|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----|
| | | 0 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1700 | 1900 | 2000 | 2500 | 3000 | |
| DCM-G 100-650/A/BAQE/1,1 | H (m) | 6,3 | 6,3 | 6,3 | 6,1 | 5,9 | 5,5 | 5,1 | 4,6 | 4,0 | 3,3 | | | | | | | | | | | |
| DCM-G 100-660/A/BAQE/1,5 | | 6,6 | | | | 6,4 | 6,2 | 6,0 | 5,8 | 5,6 | 5,3 | 4,9 | 4,5 | 4,1 | 3,7 | 3,4 | 2,6 | 1,8 | | | | |
| DCM-G 100-865/A/BAQE/2,2 | | 8,6 | | | | 8,5 | 8,4 | 8,1 | 8,0 | 7,7 | 7,4 | 7,0 | 6,6 | 6,1 | 5,7 | 5,2 | 4,2 | 3,2 | 2,8 | | | |
| DCM-G 100-1020/A/BAQE/3 | | 10,2 | | | | 10,2 | 10,0 | 9,8 | 9,6 | 9,5 | 9,3 | 8,9 | 8,5 | 8,0 | 7,5 | 7,1 | 5,9 | 4,7 | 4,0 | | | |
| DCM-G 100-1320/A/BAQE/4 | | 13,2 | | | | | | 13,2 | 13,1 | 13,0 | 12,8 | 12,4 | 11,9 | 11,3 | 10,8 | 10,2 | 8,8 | 7,4 | 6,6 | | | |
| DCM-G 100-1650/A/BAQE/5,5 | | 16,5 | | | | | | 16,5 | 16,4 | 16,3 | 16,0 | 15,8 | 15,5 | 14,9 | 14,4 | 13,7 | 12,4 | 10,8 | 10,0 | | | |
| DCM-G 100-2050/A/BAQE/7,5 | | 19,3 | | | | | | | 19,2 | 18,8 | 18,5 | 17,9 | 17,6 | 17,2 | 16,6 | 15,5 | 14,1 | 13,3 | | | | |
| DCM-G 100-2400/A/BAQE/11 | | 25 | | | | | | | | 24,3 | 24,1 | 24 | 23,8 | 23,5 | 23 | 22,8 | 22 | 21,5 | 18 | | | |
| DCM-G 100-2900/A/BAQE/15 | | 31 | | | | | | | | | | | | 30,8 | 30,4 | 30 | 29 | 28 | 27,5 | 24 | 20 | |
| DCM-G 100-3400/A/BAQE/18,5 | | 36 | | | | | | | | | | | | | 33,5 | 33 | 32,8 | 32 | 31,5 | 31 | 29 | 26 |
| DCM-G 100-3900/A/BAQE/22 | | 40 | | | | | | | | | | | | | 37 | 36,6 | 36,2 | 36 | 35 | 34,5 | 32 | 29 |
| DCM-G 100-4700/A/BAQE/30 | | 48 | | | | | | | | | | | | | 45 | 44,8 | 44,2 | 44 | 43,8 | 43 | 41 | 38 |

| MODEL | Q (m³/h) (l/min) | 0 | 60 | 66 | 72 | 78 | 84 | 90 | 102 | 114 | 120 | 150 | 180 | 210 | |
|----------------------------|---------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | 0 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1700 | 1900 | 2000 | 2500 | 3000 | 3500 | |
| DCM-G 125-1270/A/BAQE/5,5 | H (m) | 11,7 | 11,8 | 11,7 | 11,5 | 11,4 | 11,1 | 10,8 | 10,2 | 9,2 | 8,9 | 6,4 | 3,8 | | |
| DCM-G 125-1560/A/BAQE/7,5 | | 14,4 | 14,6 | 14,6 | 14,4 | 14,2 | 14,0 | 13,8 | 13,2 | 12,7 | 12,3 | 10,2 | 7,5 | 4,9 | |
| DCM-G 125-2100/A/BAQE/11 | | 20,1 | | | | | | 19,9 | 19,6 | 19,3 | 18,2 | 17,8 | 15,4 | 12,7 | |
| DCM-G 125-2550/A/BAQE/15 | | 24,5 | | | | | | 23,8 | 23,7 | 23,4 | 22,7 | 22,1 | 20,0 | 17,4 | 13,9 |
| DCM-G 125-3200/A/BAQE/18,5 | | 30,7 | | | | | | 29,6 | 29,3 | 28,6 | 27,7 | 25,9 | 22,2 | 18,3 | |
| DCM-G 125-3600/A/BAQE/22 | | 34,5 | | | | | | 33,7 | 33,3 | 32,8 | 32,1 | 30,6 | 27,6 | 23,7 | 19,1 |
| DCM-G 125-4300/A/BAQE/30 | | 44,5 | | | | | | | 44,2 | 44 | 43,8 | 43 | 41 | 38,5 | 35,5 |
| DCM-G 125-4900/A/BAQE/37 | | 48 | | | | | | | 47,5 | 47 | 46,5 | 46 | 44 | 42 | 39 |

| MODEL | Q (m³/h) (l/min) | 0 | 90 | 102 | 114 | 120 | 150 | 180 | 210 | 240 | 250 | 270 | 300 | 330 | 360 | 390 | 420 |
|----------------------------|---------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | 0 | 1500 | 1700 | 1900 | 2000 | 2500 | 3000 | 3500 | 4000 | 4167 | 4500 | 5000 | 5500 | 6000 | 6500 | 7000 |
| DCM-G 150-1600/A/BAQE/11 | H (m) | 14,8 | | 14,2 | 14,2 | 14,0 | 13,4 | 12,5 | 11,4 | 10,1 | 9,4 | 8,8 | 7,5 | | | | |
| DCM-G 150-1900/A/BAQE/15 | | 21 | | 20 | 19,8 | 19,7 | 19,5 | 19 | 18,2 | 17,2 | 17 | 16,2 | 15 | 13,8 | 12 | 10,2 | |
| DCM-G 150-2200/A/BAQE/18,5 | | 20,2 | | 20,7 | 20,6 | 20,4 | 20,2 | 19,7 | 18,5 | 17,3 | 16,6 | 15,0 | 14,2 | 12,2 | 10,5 | 8,5 | |
| DCM-G 150-2405/A/BAQE/22 | | 22,5 | | 22,2 | 22,0 | 21,9 | 21,4 | 21,0 | 20,0 | 19,0 | 18,5 | 17,8 | 16,0 | 14,0 | 12,0 | 9,7 | |



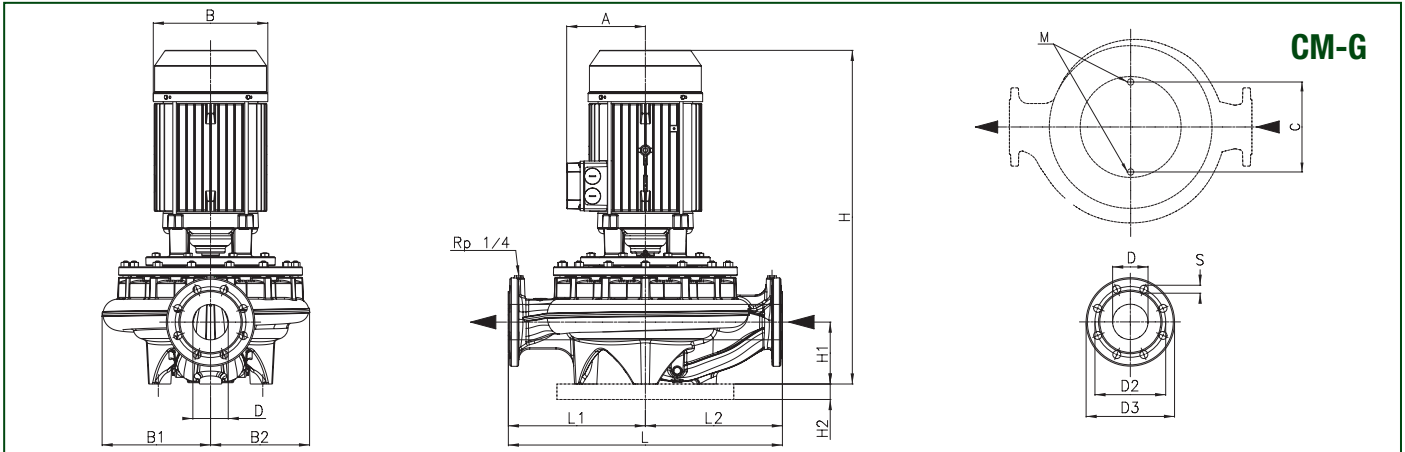
DIMENSIONS AND WEIGHTS



| MODEL | L | L1 | L2 | B | B1 | B2 | H | H1 | D | D1 | D2 | D3 | D4 n° holes | PACKING DIMENSIONS | | | VOLUME | WEIGHT Kg |
|--------------|-----|-----|-----|-----|-----|-----|-----|-----|----------|-----|-----|-----|--------------------|--------------------|-----|-----|--------|--------------|
| | | | | | | | | | | | | | | L/A | L/B | H | | |
| CM 40/440 T | 390 | 200 | 190 | 231 | 118 | 113 | 453 | 95 | 40 PN 16 | 88 | 150 | 110 | 4 holes Ø 18 | 680 | 330 | 580 | 0,13 | 41 |
| CM 40/540 T | 390 | 200 | 190 | 231 | 118 | 113 | 453 | 95 | 40 PN 16 | 88 | 150 | 110 | | 680 | 330 | 580 | 0,13 | 41 |
| CM 40/670 T | 390 | 200 | 190 | 231 | 118 | 113 | 453 | 95 | 40 PN 16 | 88 | 150 | 110 | | 680 | 330 | 850 | 0,13 | 41 |
| CM 40/870 T | 390 | 200 | 190 | 231 | 118 | 113 | 453 | 95 | 40 PN 16 | 88 | 150 | 110 | | 680 | 330 | 850 | 0,13 | 41 |
| CM 40/1300 T | 380 | 200 | 180 | 245 | 118 | 127 | 445 | 100 | 40 PN 6 | 88 | 150 | 110 | | 450 | 270 | 465 | 0,04 | 30 |
| CM 40/1450 T | 380 | 200 | 180 | 245 | 118 | 127 | 445 | 100 | 40 PN 6 | 88 | 150 | 110 | | 450 | 270 | 465 | 0,04 | 3 |
| CM 50/510 T | 425 | 225 | 200 | 233 | 120 | 113 | 463 | 105 | 50 PN 16 | 102 | 165 | 125 | | 680 | 330 | 580 | 0,13 | 46,6 |
| CM 50/630 T | 425 | 225 | 200 | 233 | 120 | 113 | 463 | 105 | 50 PN 16 | 102 | 165 | 125 | | 680 | 330 | 580 | 0,13 | 46,6 |
| CM 50/780 T | 425 | 225 | 200 | 233 | 120 | 113 | 463 | 105 | 50 PN 16 | 102 | 165 | 125 | | 680 | 330 | 580 | 0,13 | 46,6 |
| CM 50/1000 T | 425 | 225 | 200 | 233 | 120 | 113 | 463 | 105 | 50 PN 16 | 102 | 165 | 125 | | 680 | 330 | 580 | 0,13 | 46,6 |
| CM 50/1270 T | 400 | 220 | 180 | 280 | 149 | 131 | 495 | 110 | 50 PN 10 | 102 | 165 | 125 | | 520 | 320 | 535 | 0,06 | 36 |
| CM 50/1420 T | 400 | 220 | 180 | 280 | 149 | 131 | 495 | 110 | 50 PN 10 | 102 | 165 | 125 | | 520 | 320 | 535 | 0,06 | 36 |

CM/CM-G/DCM/DCM-G IN-LINE PUMPS

DCONNECT
COMMAND AND CONTROL SYSTEMS
CIRCULATORS AND IN-LINE PUMPS
MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS
SWIMMING POOL, POND AND SALT WATER PUMPS
CENTRIFUGAL PUMPS
SUBMERSIBLE PUMPS
SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS
PRESSURE UNITS



| MODEL | A | B | B1 | B2 | C | D | D1 | D2 | D3 | S | D4 n° holes | H | H1 | H2 | L | L1 | L2 | M | PACKING DIMENSIONS | | | VOLUME | WEIGHT Kg |
|---------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-------------------|------|-----|----|-----|-------|-------|-----|--------------------|-----|------|--------|--------------|
| | | | | | | | | | | | | | | | | | | | L/A | L/B | H | | |
| CM-G 65-540/A/BAQE/0,37 | 105 | 141 | 144 | 126 | 144 | 65 | 65 | 145 | 185 | 18 | 4 | 479 | 105 | 35 | 360 | 180 | 180 | M16 | 670 | 390 | 710 | 0,186 | 46,1 |
| CM-G 65-660/A/BAQE/0,55 | 127 | 160 | 144 | 126 | 144 | 65 | 65 | 145 | 185 | 18 | 4 | 534 | 105 | 35 | 360 | 180 | 180 | M16 | 670 | 390 | 710 | 0,186 | 57,9 |
| CM-G 65-760/A/BAQE/0,55 | 127 | 160 | 144 | 126 | 144 | 65 | 65 | 145 | 185 | 18 | 4 | 534 | 105 | 35 | 360 | 180 | 180 | M16 | 670 | 390 | 710 | 0,186 | 57,6 |
| CM-G 65-800/A/BAQE/0,75 | 127 | 160 | 144 | 126 | 144 | 65 | 65 | 145 | 185 | 18 | 4 | 534 | 105 | 35 | 360 | 180 | 180 | M16 | 670 | 390 | 710 | 0,186 | 59,7 |
| CM-G 65-1080/A/BAQE/1,1 | 127 | 160 | 180 | 164 | 144 | 65 | 65 | 145 | 185 | 18 | 4 | 586 | 125 | 35 | 475 | 237,5 | 237,5 | M16 | 670 | 390 | 710 | 0,186 | 84,3 |
| CM-G 65-1200/A/BAQE/1,5 | 129 | 176 | 180 | 164 | 144 | 65 | 65 | 145 | 185 | 18 | 4 | 626 | 125 | 35 | 475 | 237,5 | 237,5 | M16 | 670 | 390 | 710 | 0,186 | 86,9 |
| CM-G 65-1530/A/BAQE/2,2 | 129 | 176 | 180 | 164 | 144 | 65 | 65 | 145 | 185 | 18 | 4 | 644 | 125 | 35 | 475 | 237,5 | 237,5 | M16 | 670 | 390 | 710 | 0,186 | 89,6 |
| CM-G 65-1940/A/BAQE/3 | 144 | 193 | 180 | 164 | 144 | 65 | 65 | 145 | 185 | 18 | 4 | 644 | 125 | 35 | 475 | 237,5 | 237,5 | M16 | 670 | 390 | 710 | 0,186 | 92,2 |
| CM-G 65-2380/A/BAQE/4 | 144 | 193 | 180 | 164 | 144 | 65 | 65 | 145 | 185 | 18 | 4 | 729 | 125 | 35 | 475 | 237,5 | 237,5 | M16 | 670 | 390 | 710 | 0,186 | 105,7 |
| CM-G 65-3100/A/BAQE/5,5 | 150 | 220 | 180 | 164 | 144 | 65 | 65 | 145 | 185 | 18 | 4 | 812 | 125 | 35 | 475 | 237,5 | 237,5 | M16 | 670 | 390 | 710 | 0,186 | 133,3 |
| CM-G 65-3500/A/BAQE/7,5 | 178 | 259 | 180 | 164 | 144 | 65 | 65 | 145 | 185 | 18 | 4 | 904 | 125 | 35 | 475 | 237,5 | 237,5 | M16 | 780 | 460 | 860 | 0,309 | 159,5 |
| CM-G 80-550/A/BAQE/0,55 | 127 | 160 | 135 | 117 | 144 | 80 | 80 | 160 | 200 | 18 | 8 | 536 | 105 | 35 | 360 | 180 | 180 | M16 | 520 | 290 | 700 | 0,106 | 61,3 |
| CM-G 80-650/A/BAQE/0,75 | 127 | 160 | 135 | 117 | 144 | 80 | 80 | 160 | 200 | 18 | 8 | 536 | 105 | 35 | 360 | 180 | 180 | M16 | 520 | 290 | 700 | 0,106 | 62,8 |
| CM-G 80-740/A/BAQE/1,1 | 127 | 160 | 178 | 146 | 144 | 80 | 80 | 160 | 200 | 18 | 8 | 586 | 115 | 35 | 440 | 220 | 220 | M16 | 670 | 390 | 710 | 0,186 | 89,93 |
| CM-G 80-890/A/BAQE/1,5 | 129 | 176 | 178 | 146 | 144 | 80 | 80 | 160 | 200 | 18 | 8 | 626 | 115 | 35 | 440 | 220 | 220 | M16 | 670 | 390 | 710 | 0,186 | 94,03 |
| CM-G 80-1050/A/BAQE/2,2 | 129 | 176 | 178 | 146 | 144 | 80 | 80 | 160 | 200 | 18 | 8 | 644 | 115 | 35 | 440 | 220 | 220 | M16 | 670 | 390 | 710 | 0,186 | 78,83 |
| CM-G 80-1530/A/BAQE/3 | 144 | 193 | 190 | 164 | 144 | 80 | 80 | 160 | 200 | 18 | 8 | 644 | 115 | 35 | 500 | 250 | 250 | M16 | 670 | 390 | 710 | 0,186 | 125,43 |
| CM-G 80-1700/A/BAQE/4 | 144 | 193 | 190 | 164 | 144 | 80 | 80 | 160 | 200 | 18 | 8 | 729 | 115 | 35 | 500 | 250 | 250 | M16 | 670 | 390 | 710 | 0,186 | 138,55 |
| CM-G 80-2300/A/BAQE/5,5 | 150 | 220 | 245 | 224 | 230 | 80 | 80 | 160 | 200 | 18 | 8 | 803 | 140 | 35 | 620 | 310 | 310 | M16 | 900 | 550 | 1060 | 0,525 | 166,15 |
| CM-G 80-2700/A/BAQE/7,5 | 178 | 259 | 245 | 224 | 230 | 80 | 80 | 160 | 200 | 18 | 8 | 843 | 140 | 35 | 620 | 310 | 310 | M16 | 900 | 550 | 1060 | 0,525 | 192,4 |
| CM-G 80-3420/A/BAQE/11 | 178 | 259 | 245 | 224 | 230 | 80 | 80 | 160 | 200 | 18 | 8 | 948 | 140 | 35 | 620 | 310 | 310 | M16 | 900 | 550 | 1060 | 0,525 | 209,5 |
| CM-G 80-4100/A/BAQE/15 | 223 | 309 | 245 | 224 | 230 | 80 | 80 | 160 | 200 | 18 | 8 | 1050 | 140 | 35 | 620 | 310 | 310 | M16 | 900 | 550 | 1060 | 0,525 | 303,9 |
| CM-G 80-4600/A/BAQE/18,5 | 223 | 309 | 245 | 224 | 230 | 80 | 80 | 160 | 200 | 18 | 8 | 1050 | 140 | 35 | 620 | 310 | 310 | M16 | 900 | 550 | 1060 | 0,525 | 333 |
| CM-G 80-5100/A/BAQE/22 | 223 | 309 | 245 | 224 | 230 | 80 | 80 | 160 | 200 | 18 | 8 | 1050 | 140 | 35 | 620 | 310 | 310 | M16 | 900 | 550 | 1060 | 0,525 | 355,1 |
| CM-G 100-650/A/BAQE/1,1 | 127 | 160 | 158 | 126 | 144 | 100 | 100 | 180 | 220 | 18 | 8 | 613 | 140 | 35 | 500 | 250 | 250 | M16 | 670 | 390 | 710 | 0,186 | 104,73 |
| CM-G 100-660/A/BAQE/1,5 | 129 | 176 | 193 | 153 | 230 | 100 | 100 | 180 | 220 | 18 | 8 | 648 | 140 | 35 | 550 | 275 | 275 | M16 | 670 | 390 | 710 | 0,186 | 108,7742 |
| CM-G 100-865/A/BAQE/2,2 | 129 | 176 | 193 | 153 | 230 | 100 | 100 | 180 | 220 | 18 | 8 | 666 | 140 | 35 | 550 | 275 | 275 | M16 | 670 | 390 | 710 | 0,186 | 104,03 |
| CM-G 100-1020/A/BAQE/3 | 144 | 193 | 193 | 153 | 230 | 100 | 100 | 180 | 220 | 18 | 8 | 666 | 140 | 35 | 550 | 275 | 275 | M16 | 670 | 390 | 710 | 0,186 | 109,33 |
| CM-G 100-1320/A/BAQE/4 | 144 | 193 | 204 | 174 | 230 | 100 | 100 | 180 | 220 | 18 | 8 | 811 | 140 | 35 | 550 | 275 | 275 | M16 | 780 | 460 | 860 | 0,309 | 141,05 |
| CM-G 100-1650/A/BAQE/5,5 | 150 | 220 | 204 | 174 | 230 | 100 | 100 | 180 | 220 | 18 | 8 | 807 | 140 | 35 | 550 | 275 | 275 | M16 | 780 | 460 | 860 | 0,309 | 162,8311 |
| CM-G 100-2050/A/BAQE/7,5 | 178 | 259 | 293 | 252 | 230 | 100 | 100 | 180 | 220 | 18 | 8 | 883 | 175 | 35 | 670 | 335 | 335 | M16 | 900 | 550 | 1060 | 0,525 | 239,1111 |
| CM-G 100-2400/A/BAQE/11 | 178 | 259 | 293 | 252 | 230 | 100 | 100 | 180 | 220 | 18 | 8 | 988 | 175 | 35 | 670 | 335 | 335 | M16 | 900 | 550 | 1060 | 0,525 | 242,2 |
| CM-G 100-2900/A/BAQE/15 | 223 | 309 | 293 | 252 | 230 | 100 | 100 | 180 | 220 | 18 | 8 | 1043 | 175 | 35 | 670 | 335 | 335 | M16 | 900 | 550 | 1060 | 0,525 | 336,6338 |
| CM-G 100-3400/A/BAQE/18,5 | 223 | 309 | 293 | 252 | 230 | 100 | 100 | 180 | 220 | 18 | 8 | 1063 | 175 | 35 | 670 | 335 | 335 | M16 | 900 | 550 | 1060 | 0,525 | 229,959 |
| CM-G 100-3900/A/BAQE/22 | 223 | 309 | 293 | 252 | 230 | 100 | 100 | 180 | 220 | 18 | 8 | 1101 | 175 | 35 | 670 | 335 | 335 | M16 | 900 | 550 | 1060 | 0,525 | 330,3 |
| CM-G 100-4700/A/BAQE/30 | 237 | 350 | 293 | 252 | 230 | 100 | 100 | 180 | 220 | 18 | 8 | 1100 | 175 | 35 | 670 | 335 | 335 | M16 | 900 | 550 | 1060 | 0,525 | 280 |
| CM-G 125-1270/A/BAQE/5,5 | 150 | 220 | 252 | 205 | 230 | 125 | 125 | 210 | 250 | 18 | 8 | 888 | 215 | 35 | 620 | 310 | 310 | M16 | 900 | 550 | 1060 | 0,525 | 199,85 |
| CM-G 125-1560/A/BAQE/7,5 | 178 | 259 | 252 | 205 | 230 | 125 | 125 | 210 | 250 | 18 | 8 | 928 | 215 | 35 | 620 | 310 | 310 | M16 | 900 | 550 | 1060 | 0,525 | 214,9 |
| CM-G 125-2100/A/BAQE/11 | 178 | 259 | 274 | 245 | 230 | 125 | 125 | 210 | 250 | 18 | 8 | 1038 | 215 | 35 | 800 | 400 | 400 | M16 | 900 | 550 | 1060 | 0,525 | 294,4138 |
| CM-G 125-2550/A/BAQE/15 | 223 | 309 | 274 | 245 | 230 | 125 | 125 | 210 | 250 | 18 | 8 | 1093 | 215 | 35 | 800 | 400 | 400 | M16 | 900 | 550 | 1200 | 0,594 | 350,4338 |
| CM-G 125-3200/A/BAQE/18,5 | 223 | 309 | 274 | 245 | 230 | 125 | 125 | 210 | 250 | 18 | 8 | 1113 | 215 | 35 | 800 | 400 | 400 | M16 | 900 | 550 | 1200 | 0,594 | 379,159 |
| CM-G 125-3600/A/BAQE/22 | 223 | 309 | 274 | 245 | 230 | 125 | 125 | 210 | 250 | 18 | 8 | 1151 | 215 | 35 | 800 | 400 | 400 | M16 | 900 | 550 | 1200 | 0,594 | 401,259 |
| CM-G 125-4300/A/BAQE/30 | 237 | 350 | 274 | 245 | 230 | 125 | 125 | 210 | 250 | 18 | 8 | 1193 | 215 | 35 | 800 | 400 | 400 | M16 | 900 | 550 | 1200 | 0,594 | 350,8639 |
| CM-G 125/4900/BAQE/37 | 341 | 400 | 274 | 245 | 230 | 125 | 125 | 210 | 250 | 18 | 8 | 1470 | 215 | 35 | 800 | 400 | 400 | M16 | 900 | 550 | 1400 | 0,693 | 393,3 |
| CM-G 150-1600/A/BAQE/11 | 178 | 259 | 299 | 239 | 230 | 150 | 150 | 240 | 285 | 22 | 8 | 1042 | 215 | 35 | 800 | 400 | 400 | M16 | 900 | 550 | 1060 | 0,525 | 293,2 |
| CM-G 150-1900/A/BAQE/15 | 223 | 309 | 299 | 239 | 230 | 150 | 150 | 240 | 285 | 22 | 8 | 1097 | 215 | 35 | 800 | 400 | 400 | M16 | 900 | 550 | 1200 | 0,594 | 343,1 |
| CM-G 150-2200/A/BAQE/18,5 | 223 | 309 | 299 | 239 | 230 | 150 | 150 | 240 | 285 | 22 | 8 | 1117 | 215 | 35 | 800 | 400 | 400 | M16 | 900 | 550 | 1200 | 0,594 | 357,1 |
| CM-G 150-2405/A/BAQE/22 | 223 | 309 | 299 | 239 | 230 | 150 | 150 | 240 | 285 | 22 | 8 | 1155 | 215 | 35 | 800 | 400 | 400 | M16 | 900 | 550 | 1200 | 0,594 | 423,459 |

CM/CM-G/DCM/DCM-G

IN-LINE PUMPS

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

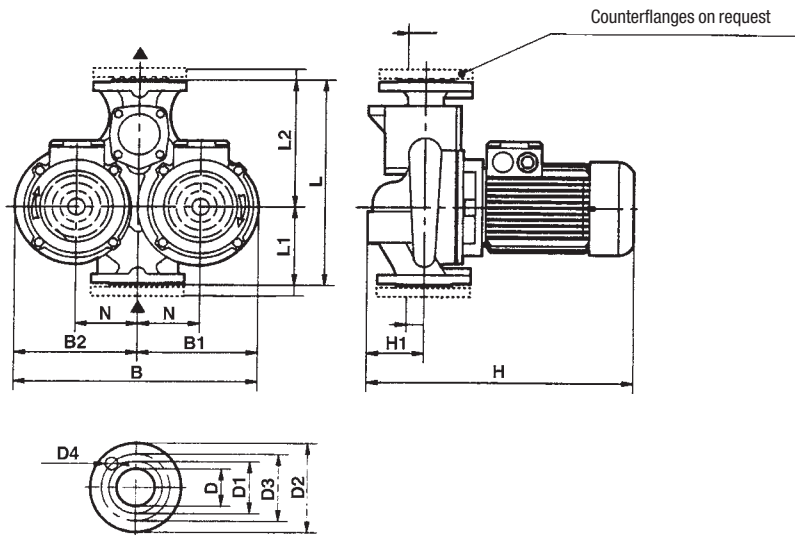
CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

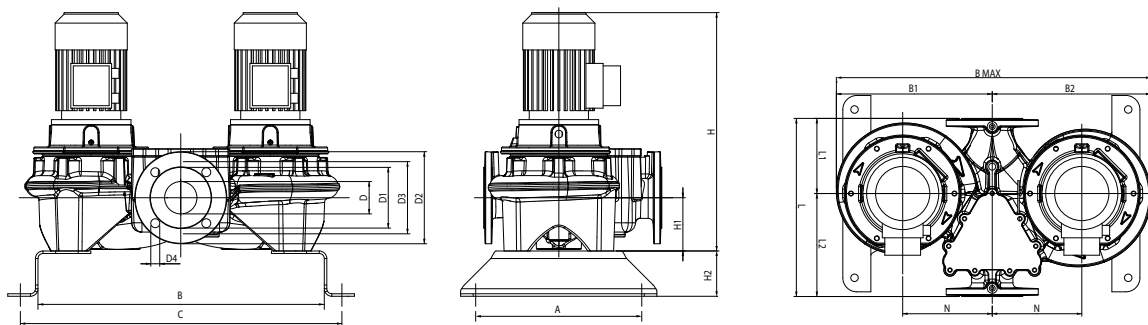
PRESSURE UNITS

DCM



| MODEL | L | L1 | L2 | B | B1 | B2 | H | H1 | N | D | D1 | D2 | D3 | D4 | PACKING DIMENSIONS | | | VOLUME | WEIGHT Kg |
|--------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|-----|-----|-----|-----------------|--------------------|-----|-----|--------|-----------|
| | | | | | | | | | | | | | | | L/A | L/B | H | | |
| DCM 40/380 T | 340 | 130 | 210 | 397 | 197 | 200 | 425 | 100 | 100 | 40 PN6 | 88 | 150 | 110 | 4 holes Ø 18 | 520 | 320 | 535 | 0,06 | 41 |
| DCM 40/460 T | 340 | 130 | 210 | 397 | 197 | 200 | 425 | 100 | 100 | 40 PN6 | 88 | 150 | 110 | | 520 | 320 | 535 | 0,06 | 41 |
| DCM 40/620 T | 340 | 130 | 210 | 397 | 197 | 200 | 425 | 100 | 100 | 40 PN6 | 88 | 150 | 110 | | 520 | 320 | 535 | 0,06 | 41 |
| DCM 50/460 T | 365 | 145 | 220 | 427 | 210 | 217 | 435 | 110 | 105 | 40 PN6 | 88 | 150 | 110 | 4 holes Ø 18 | 520 | 320 | 535 | 0,07 | 46 |
| DCM 50/630 T | 365 | 145 | 220 | 427 | 210 | 217 | 435 | 110 | 105 | 40 PN6 | 88 | 150 | 110 | | 520 | 320 | 535 | 0,07 | 46 |
| DCM 50/880 T | 410 | 170 | 240 | 480 | 235 | 245 | 435 | 110 | 120 | 50 PN6 | 122 | 185 | 145 | | 580 | 360 | 585 | 0,09 | 52 |

DCM-G



CM/CM-G/DCM/DCM-G IN-LINE PUMPS

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

DIMENSIONS AND WEIGHTS - DCM-G

| MODEL | A | B | C | B1 | B2 | B max | D | D1 | D2 | D3 | D4 | n° holes | H | H1 | H2 | L | L1 | L2 | M | N | PACKING DIMENSIONS | | | VOL. (mc) | WEIGHT Kg |
|----------------------------|-----|-----|-----|-----|-----|-------|-----|-----|-----|-----|----|----------|-------|-----|-----|-----|-----|-----|-----|-----|--------------------|------|------|-----------|-----------|
| | | | | | | | | | | | | | | | | | | | | | L/A | L/B | H | | |
| DCM-G 65-540/A/BAQE/0,37 | 330 | 569 | 639 | 315 | 320 | 635 | 65 | 122 | 185 | 145 | 18 | 4 | 479 | 107 | 100 | 360 | 151 | 207 | M16 | 180 | 358 | 635 | 479 | 0,11 | 112 |
| DCM-G 65-660/A/BAQE/0,55 | 330 | 569 | 639 | 315 | 320 | 635 | 65 | 122 | 185 | 145 | 18 | | 534 | 107 | 100 | 360 | 151 | 207 | M16 | 180 | 358 | 635 | 534 | 0,12 | 136 |
| DCM-G 65-760/A/BAQE/0,55 | 330 | 569 | 639 | 315 | 320 | 635 | 65 | 122 | 185 | 145 | 18 | | 534 | 107 | 100 | 360 | 151 | 207 | M16 | 180 | 358 | 635 | 534 | 0,12 | 135 |
| DCM-G 65-800/A/BAQE/0,75 | 330 | 569 | 639 | 315 | 320 | 635 | 65 | 122 | 185 | 145 | 18 | | 534 | 107 | 100 | 358 | 151 | 207 | M16 | 180 | 358 | 635 | 534 | 0,12 | 139,9 |
| DCM-G 65-1080/A/BAQE/1,1 | 330 | 649 | 719 | 387 | 395 | 782 | 65 | 122 | 185 | 145 | 18 | | 585 | 125 | 100 | 475 | 177 | 298 | M16 | 220 | 475 | 782 | 585 | 0,22 | 183 |
| DCM-G 65-1200/A/BAQE/1,5 | 330 | 649 | 719 | 387 | 395 | 782 | 65 | 122 | 185 | 145 | 18 | | 625 | 125 | 100 | 475 | 177 | 298 | M16 | 220 | 475 | 782 | 625 | 0,23 | 188 |
| DCM-G 65-1530/A/BAQE/2,2 | 330 | 649 | 719 | 387 | 395 | 782 | 65 | 122 | 185 | 145 | 18 | | 644 | 125 | 100 | 475 | 177 | 298 | M16 | 220 | 475 | 782 | 644 | 0,24 | 194 |
| DCM-G 65-1940/A/BAQE/3 | 330 | 649 | 719 | 387 | 395 | 782 | 65 | 122 | 185 | 145 | 18 | | 644 | 125 | 100 | 475 | 177 | 298 | M16 | 220 | 475 | 782 | 644 | 0,24 | 199,2 |
| DCM-G 65-2380/A/BAQE/4 | 330 | 649 | 719 | 387 | 395 | 782 | 65 | 122 | 185 | 145 | 18 | | 729 | 125 | 100 | 475 | 177 | 298 | M16 | 220 | 475 | 782 | 729 | 0,27 | 226 |
| DCM-G 65-3100/A/BAQE/5,5 | 330 | 649 | 719 | 387 | 395 | 782 | 65 | 122 | 185 | 145 | 18 | | 812 | 125 | 100 | 475 | 177 | 298 | M16 | 220 | 475 | 782 | 812 | 0,30 | 281,4 |
| DCM-G 65-3500/A/BAQE/7,5 | 330 | 649 | 719 | 387 | 395 | 782 | 65 | 122 | 185 | 145 | 18 | | 904 | 125 | 100 | 475 | 177 | 298 | M16 | 220 | 475 | 782 | 904 | 0,34 | 333,8 |
| DCM-G 80-550/A/BAQE/0,55 | 330 | 580 | 650 | 305 | 310 | 615 | 80 | 137 | 200 | 160 | 18 | | 8 | 546 | 115 | 100 | 360 | 165 | 195 | M16 | 180 | 360 | 615 | 546 | 0,12 |
| DCM-G 80-650/A/BAQE/0,75 | 330 | 580 | 650 | 305 | 310 | 615 | 80 | 137 | 200 | 160 | 18 | 546 | | 115 | 100 | 360 | 165 | 195 | M16 | 180 | 360 | 615 | 546 | 0,12 | 129 |
| DCM-G 80-740/A/BAQE/1,1 | 330 | 620 | 690 | 355 | 365 | 720 | 80 | 137 | 200 | 160 | 18 | 586 | | 115 | 100 | 440 | 180 | 260 | M16 | 200 | 440 | 720 | 586 | 0,19 | 198 |
| DCM-G 80-890/A/BAQE/1,5 | 330 | 620 | 690 | 355 | 365 | 720 | 80 | 137 | 200 | 160 | 18 | 626 | | 115 | 100 | 440 | 180 | 260 | M16 | 200 | 440 | 720 | 626 | 0,20 | 206 |
| DCM-G 80-1050/A/BAQE/2,2 | 330 | 620 | 690 | 355 | 365 | 720 | 80 | 137 | 200 | 160 | 18 | 644 | | 115 | 100 | 440 | 180 | 260 | M16 | 200 | 440 | 720 | 644 | 0,20 | 224 |
| DCM-G 80-1530/A/BAQE/3 | 362 | 662 | 732 | 405 | 415 | 820 | 80 | 137 | 200 | 160 | 18 | 650 | | 115 | 100 | 500 | 220 | 280 | M16 | 235 | 500 | 820 | 650 | 0,27 | 244 |
| DCM-G 80-1700/A/BAQE/4 | 362 | 662 | 732 | 405 | 415 | 820 | 80 | 137 | 200 | 160 | 18 | 735 | | 115 | 100 | 500 | 220 | 280 | M16 | 235 | 500 | 820 | 735 | 0,30 | 270 |
| DCM-G 80-2300/A/BAQE/5,5 | 500 | 804 | 924 | 530 | 540 | 1070 | 80 | 137 | 200 | 160 | 18 | 803 | | 140 | 100 | 620 | 280 | 340 | M16 | 300 | 620 | 1070 | 803 | 0,53 | 435,1 |
| DCM-G 80-2700/A/BAQE/7,5 | 500 | 804 | 924 | 530 | 540 | 1070 | 80 | 137 | 200 | 160 | 18 | 850 | 140 | 100 | 620 | 280 | 340 | M16 | 300 | 620 | 1070 | 843 | 0,56 | 468 | |
| DCM-G 80-3420/A/BAQE/11 | 500 | 804 | 924 | 530 | 540 | 1070 | 80 | 137 | 200 | 160 | 18 | 948 | 140 | 100 | 620 | 280 | 340 | M16 | 300 | 620 | 1070 | 948 | 0,63 | 502 | |
| DCM-G 80-4100/A/BAQE/15 | 500 | 804 | 924 | 530 | 540 | 1070 | 80 | 137 | 200 | 160 | 18 | 1.050 | 140 | 100 | 620 | 280 | 340 | M16 | 300 | 620 | 1070 | 1050 | 0,70 | 710,5 | |
| DCM-G 80-4600/A/BAQE/18,5 | 500 | 804 | 924 | 530 | 540 | 1070 | 80 | 137 | 200 | 160 | 18 | 1.050 | 140 | 100 | 620 | 280 | 340 | M16 | 300 | 620 | 1070 | 1050 | 0,70 | 768,7 | |
| DCM-G 80-5100/A/BAQE/22 | 362 | 637 | 717 | 530 | 540 | 1070 | 80 | 137 | 200 | 160 | 18 | 1.050 | 140 | 100 | 620 | 280 | 340 | M16 | 300 | 620 | 1070 | 1050 | 0,70 | 812,9 | |
| DCM-G 100-650/A/BAQE/1,1 | 362 | 637 | 717 | 330 | 345 | 675 | 100 | 156 | 220 | 180 | 18 | 8 | 613 | 140 | 100 | 500 | 191 | 309 | M16 | 200 | 500 | 675 | 613 | 0,21 | 222 |
| DCM-G 100-660/A/BAQE/1,5 | 362 | 733 | 813 | 395 | 410 | 805 | 100 | 156 | 220 | 180 | 18 | | 648 | 140 | 100 | 550 | 221 | 329 | M16 | 235 | 550 | 805 | 648 | 0,29 | 256 |
| DCM-G 100-865/A/BAQE/2,2 | 362 | 733 | 813 | 395 | 410 | 805 | 100 | 156 | 220 | 180 | 18 | | 666 | 140 | 100 | 550 | 221 | 329 | M16 | 235 | 550 | 805 | 666 | 0,29 | 246 |
| DCM-G 100-1020/A/BAQE/3 | 362 | 733 | 813 | 395 | 410 | 805 | 100 | 156 | 220 | 180 | 18 | | 666 | 140 | 100 | 550 | 221 | 329 | M16 | 235 | 550 | 805 | 666 | 0,29 | 257 |
| DCM-G 100-1320/A/BAQE/4 | 362 | 753 | 833 | 430 | 440 | 870 | 100 | 156 | 220 | 180 | 18 | | 811 | 140 | 100 | 550 | 221 | 329 | M16 | 250 | 550 | 870 | 811 | 0,39 | 301 |
| DCM-G 100-1650/A/BAQE/5,5 | 362 | 753 | 833 | 430 | 440 | 870 | 100 | 156 | 220 | 180 | 18 | | 812 | 140 | 100 | 550 | 221 | 329 | M16 | 250 | 550 | 870 | 812 | 0,39 | 344 |
| DCM-G 100-2050/A/BAQE/7,5 | 500 | 836 | 956 | 560 | 575 | 1135 | 100 | 156 | 220 | 180 | 18 | | 895 | 175 | 100 | 670 | 266 | 404 | M16 | 300 | 670 | 1135 | 888 | 0,68 | 527 |
| DCM-G 100-2400/A/BAQE/11 | 500 | 836 | 956 | 560 | 575 | 1135 | 100 | 156 | 220 | 180 | 18 | | 988 | 175 | 100 | 670 | 266 | 404 | M16 | 300 | 670 | 1135 | 988 | 0,75 | 553,1 |
| DCM-G 100-2900/A/BAQE/15 | 500 | 836 | 956 | 560 | 575 | 1135 | 100 | 156 | 220 | 180 | 18 | | 1.043 | 175 | 100 | 670 | 266 | 404 | M16 | 300 | 670 | 1135 | 1043 | 0,79 | 742,7 |
| DCM-G 100-3400/A/BAQE/18,5 | 500 | 836 | 956 | 560 | 575 | 1135 | 100 | 156 | 220 | 180 | 18 | | 1.063 | 175 | 100 | 670 | 266 | 404 | M16 | 300 | 670 | 1135 | 1063 | 0,81 | 528,7 |
| DCM-G 100-3900/A/BAQE/22 | 500 | 836 | 956 | 560 | 575 | 1135 | 100 | 156 | 220 | 180 | 18 | | 1.101 | 175 | 100 | 670 | 266 | 404 | M16 | 300 | 670 | 1135 | 1101 | 0,84 | 729,3 |
| DCM-G 100-4700/A/BAQE/30 | 500 | 836 | 956 | 560 | 575 | 1135 | 100 | 156 | 220 | 180 | 18 | | 1.100 | 175 | 100 | 670 | 266 | 404 | M16 | 300 | 670 | 1135 | 1100 | 0,84 | 628,7 |
| DCM-G 125-1270/A/BAQE/5,5 | 500 | 810 | 930 | 515 | 535 | 1050 | 125 | 185 | 250 | 210 | 14 | 8 | 893 | 215 | 100 | 620 | 226 | 394 | M16 | 300 | 620 | 1050 | 893 | 0,58 | 496 |
| DCM-G 125-1560/A/BAQE/7,5 | 500 | 810 | 930 | 515 | 535 | 1050 | 125 | 185 | 250 | 210 | 14 | | 940 | 215 | 100 | 620 | 226 | 394 | M16 | 300 | 620 | 1050 | 933 | 0,61 | 507 |
| DCM-G 125-2100/A/BAQE/11 | 500 | 810 | 930 | 555 | 571 | 1126 | 125 | 185 | 250 | 210 | 14 | | 1038 | 215 | 100 | 800 | 316 | 484 | M16 | 300 | 800 | 1126 | 1053 | 0,95 | 737 |
| DCM-G 125-2550/A/BAQE/15 | 500 | 810 | 930 | 555 | 571 | 1126 | 125 | 185 | 250 | 210 | 14 | | 1096 | 215 | 100 | 800 | 316 | 484 | M16 | 300 | 800 | 1126 | 1108 | 1,00 | 850 |
| DCM-G 125-3200/A/BAQE/18,5 | 500 | 810 | 930 | 555 | 571 | 1126 | 125 | 185 | 250 | 210 | 14 | | 1128 | 215 | 100 | 800 | 316 | 484 | M16 | 300 | 800 | 1126 | 1128 | 1,02 | 888 |
| DCM-G 125-3600/A/BAQE/22 | 500 | 810 | 930 | 555 | 571 | 1126 | 125 | 185 | 250 | 210 | 14 | | 1166 | 215 | 100 | 800 | 316 | 484 | M16 | 300 | 800 | 1126 | 1166 | 1,05 | 933 |
| DCM-G 125-4300/A/BAQE/30 | 500 | 810 | 930 | 555 | 571 | 1126 | 125 | 185 | 250 | 210 | 14 | | 1.193 | 215 | 100 | 800 | 316 | 484 | M16 | 300 | 800 | 1126 | 1193 | 1,07 | 869,7 |
| DCM-G 125-4900/A/BAQE/37 | 500 | 810 | 930 | 555 | 571 | 1126 | 125 | 185 | 250 | 210 | 14 | | 1.470 | 215 | 100 | 800 | 316 | 484 | M17 | 300 | 800 | 1126 | 1470 | 1,32 | 954,3 |
| DCM-G 150-1600/A/BAQE/11 | 500 | 805 | 925 | 550 | 580 | 1130 | 150 | 210 | 285 | 240 | 22 | | 1.061 | 215 | 100 | 800 | 296 | 504 | M16 | 300 | 800 | 1130 | 1061 | 0,96 | 688 |
| DCM-G 150-1900/A/BAQE/15 | 500 | 805 | 925 | 550 | 580 | 1130 | 150 | 210 | 285 | 240 | 22 | | 1.097 | 215 | 100 | 800 | 296 | 504 | M16 | 300 | 800 | 1130 | 1097 | 0,99 | 806,9 |
| DCM-G 150-2200/A/BAQE/18,5 | 500 | 805 | 925 | 550 | 580 | 1130 | 150 | 210 | 285 | 240 | 22 | | 1174 | 215 | 100 | 800 | 296 | 504 | M16 | 300 | 800 | 1130 | 1174 | 1,06 | 930 |
| DCM-G 150-2405/A/BAQE/22 | 500 | 805 | 925 | 550 | 580 | 1130 | 150 | 210 | 285 | 240 | 22 | | 1174 | 215 | 100 | 800 | 296 | 504 | M16 | 300 | 800 | 1130 | 1174 | 1,06 | 930 |

CP/CP-G/DCP/DCP-G IN-LINE PUMPS



Circulating pumps with in-line connections, suitable for civil and industrial installations for heating, air-conditioning and hot water for domestic use. Pump body and motor support in cast iron. PN 16 flanged suction and delivery connections with threaded holes for control pressure gauges. Technopolymer impeller and carbon/ceramic mechanical seal. Three-phase, two-pole, asynchronous motor with external ventilation. To protect the motor it is advisable to use a thermal overload protection complying with the regulations in force.

Operating range

from 3,6 to 420 m³/h with head up to 102 metres.

Liquid temperature range

from -10°C to +140°C.

Pumped liquid characteristics clean, free from solids or abrasive substances, not viscous, not aggressive, not crystallised and chemically neutral.

Maximum ambient temperature +40°C

Maximum working pressure 16 bar (1600 kPa).

Protection level IP 55

Insulation class F

PN 16 counter flanges on request.

TECHNICAL DATA - CP/CP-G SINGLE WITH FLANGES

CP/CP-G - 3500 r.p.m. - 2 poles

| MODEL | ELECTRICAL DATA | | | | | |
|---------------------------|------------------------|----------|-----------|------------|-----|---------------------|
| | VOLTAGE 60 Hz | r.p.m. ≡ | P1 MAX kW | P2 NOMINAL | | In A |
| | | | | kW | HP | |
| CP 40/1900 T | 3 x 220-277/380-480 V~ | 3500 | 1,1 | 0,75 | 1 | 4,5-2,6 |
| CP 40/2300 T | 3 x 220-277/380-480 V~ | 3500 | 1,45 | 1,1 | 1,5 | 5,2-3 |
| CP 40/2700 T | 3 x 220-277/380-480 V~ | 3500 | 1,89 | 1,5 | 2 | 6,4-3,7 |
| CP 40/3500 T | 3 x 220-277/380-480 V~ | 3500 | 2,53 | 2,21 | 3 | 9-5,2 |
| CP 40/3800 T | 3 x 220-277/380-480 V~ | 3500 | 3,54 | 3 | 4 | 11-6,4 |
| CP 40/4700 T | 3 x 220-277/380-480 V~ | 3500 | 4,87 | 4 | 5,5 | 15,2-8,8 |
| CP 40/5500 T | 3 x 220-277/380-480 V~ | 3500 | 6,57 | 5,5 | 7,5 | 11,3 |
| CP 40/6200 T | 3 x 220-277/380-480 V~ | 3500 | 9,18 | 7,5 | 10 | 15,8 |
| CP 50/2200 T | 3 x 220-277/380-480 V~ | 3500 | 1,42 | 1,1 | 1,5 | 5-2,9 |
| CP 50/2600 T | 3 x 220-277/380-480 V~ | 3500 | 1,89 | 1,5 | 2 | 6,2-3,6 |
| CP 50/3100 T | 3 x 220-277/380-480 V~ | 3500 | 2,51 | 2,2 | 3 | 9-5,2 |
| CP 50/4100 T | 3 x 220-277/380-480 V~ | 3500 | 3,8 | 4 | 5,5 | 7,4 |
| CP 50/4600 T | 3 x 220-277/380-480 V~ | 3500 | 6,57 | 5,5 | 7,5 | 11,3 |
| CP 50/5100 T | 3 x 220-277/380-480 V~ | 3500 | 9,18 | 7,5 | 10 | 15,8 |
| CP 50/5650 T | 3 x 220-277/380-480 V~ | 3500 | 9,18 | 7,5 | 10 | 15,8 |
| CP-G 65-2280/A/BAQE/3 | 3 x 220-277/380-480 V~ | 3500 | 3,7 | 3 | 4 | 10,2-8,65/5,9-5 |
| CP-G 65-2640/A/BAQE/4 | 3 x 220-277/380-480 V~ | 3500 | 4,9 | 4 | 5,5 | 14,2-17,9/8,2-10,3 |
| CP-G 65-3400/A/BAQE/5,5 | 3 x 220-277/380-480 V~ | 3500 | 6,4 | 5,5 | 7,5 | 17,5-22,1/10,1-12,7 |
| CP-G 65-4100/A/BAQE/7,5 | 3 x 220-277/380-480 V~ | 3500 | 8,7 | 7,5 | 10 | 24,4-30,8/14-17,7 |
| CP-G 65-4700/A/BAQE/11 | 3 x 220-277/380-480 V~ | 3500 | 12,1 | 11 | 15 | 33,6-42,4/19,3-24,4 |
| CP-G 65-5500/A/BAQE/15 | 3 x 220-277/380-480 V~ | 3500 | 16,6 | 15 | 20 | 47,5-60/27,3-34,5 |
| CP-G 65-6150/A/BAQE/18,5 | 3 x 220-277/380-480 V~ | 3500 | 21,0 | 18,5 | 25 | 57,2-72,3/32,9-41,5 |
| CP-G 65-7350/A/BAQE/22 | 3 x 220-277/380-480 V~ | 3500 | 24,6 | 22 | 30 | 66,5-84/38,2-48,3 |
| CP-G 65-9250/A/BAQE/30 | 3 x 220-277/380-480 V~ | 3500 | 33,0 | 30 | 40 | 89,4-113/51,4-64,9 |
| CP-G 65-10500/A/BAQE/37 * | 3 x 380-480 V~ D | 3500 | 42,0 | 37 | 50 | 66,5-84 |
| CP-G 80-2050/A/BAQE/4 | 3 x 220-277/380-480 V~ | 3500 | 11,5 | 4 | 5,5 | 12,5-15,8/7,2-9,1 |
| CP-G 80-2400/A/BAQE/5,5 | 3 x 220-277/380-480 V~ | 3500 | 6,4 | 5,5 | 7,5 | 17,8-22,5/10,2-12,9 |
| CP-G 80-2770/A/BAQE/7,5 | 3 x 220-277/380-480 V~ | 3500 | 8,7 | 7,5 | 10 | 23,1-29,1/13,3-16,7 |
| CP-G 80-3250/A/BAQE/11 | 3 x 220-277/380-480 V~ | 3500 | 12,1 | 11 | 15 | 33,6-42,4/19,3-24,4 |
| CP-G 80-4000/A/BAQE/15 | 3 x 220-277/380-480 V~ | 3500 | 16,6 | 15 | 20 | 47,5-60/27,3-34,5 |

* Star (Δ) starting is possible

CP/CP-G/DCP/DCP-G IN-LINE PUMPS

TECHNICAL DATA - CP-G SINGLE WITH FLANGES

CP/CP-G - 3500 r.p.m. - 2 poles

| MODEL | ELECTRICAL DATA | | | | | |
|---------------------------|------------------------|----------|-----------|------------|----|---------------------|
| | VOLTAGE 60 Hz | r.p.m. ≙ | P1 MAX kW | P2 NOMINAL | | In A |
| | | | | kW | HP | |
| CP-G 80-4800/A/BAQE/18,5 | 3 x 220-277/380-480 V~ | 3500 | 21,0 | 18,5 | 25 | 57,2-72,3/32,9-41,5 |
| CP-G 80-5300/A/BAQE/22 | 3 x 220-277/380-480 V~ | 3500 | 24,0 | 22 | 30 | 65-82,1/37,3-47,2 |
| CP-G 80-6530/A/BAQE/30 | 3 x 220-277/380-480 V~ | 3500 | 33,0 | 30 | 40 | 89,4-113/51,4-64,9 |
| CP-G 80-7650/A/BAQE/37 * | 3 x 380-480 V~ D | 3500 | 42,0 | 37 | 50 | 66,5-84 |
| CP-G 80-9600/A/BAQE/45 * | 3 x 380-480 V~ D | 3500 | 48,8 | 45 | 60 | 74,3-93,8 |
| CP-G 80-10200/A/BAQE/55 * | 3 x 380-480 V~ D | 3500 | 59,5 | 55 | 75 | 91,1-115,1 |
| CP-G 100-2350/A/BAQE/7,5 | 3 x 220-277/380-480 V~ | 3500 | 8,7 | 7,5 | 10 | 24,4-30,8/14-17,7 |
| CP-G 100-2400/A/BAQE/11 | 3 x 220-277/380-480 V~ | 3500 | 12,1 | 11 | 15 | 33,6-42,4/19,3-24,4 |
| CP-G 100-3050/A/BAQE/15 | 3 x 220-277/380-480 V~ | 3500 | 16,6 | 15 | 20 | 47,5-60/27,3-34,5 |
| CP-G 100-3550/A/BAQE/18,5 | 3 x 220-277/380-480 V~ | 3500 | 21,0 | 18,5 | 25 | 57,2-72,3/32,9-41,5 |
| CP-G 100-3850/A/BAQE/22 | 3 x 220-277/380-480 V~ | 3500 | 24,0 | 22 | 30 | 65-82,1/37,3-47,2 |
| CP-G 100-4800/A/BAQE/30 | 3 x 220-277/380-480 V~ | 3500 | 33,0 | 30 | 40 | 89,4-113/51,4-64,9 |
| CP-G 100-5600/A/BAQE/37 * | 3 x 380-480 V~ D | 3500 | 42,0 | 37 | 50 | 66,5-84 |
| CP-G 100-6300/A/BAQE/45 * | 3 x 380-480 V~ D | 3500 | 48,8 | 45 | 60 | 74,3-93,8 |
| CP-G 100-8300/A/BAQE/55 * | 3 x 380-480 V~ D | 3500 | 59,5 | 55 | 75 | 91,1-115,1 |

* Star (λ) starting is possible

TECHNICAL DATA - DCP - DCP-G TWIN WITH FLANGES

DCP 3500 r.p.m. - 2 poles

| MODEL | ELECTRICAL DATA | | | | | |
|---------------------------|------------------------|----------|-----------|------------|------|---------------------|
| | VOLTAGE 60 Hz | r.p.m. ≙ | P1 MAX kW | P2 NOMINAL | | In A |
| | | | | kW | HP | |
| DCP 40/1650 T | 3 x 220-277/380-480 V~ | 3500 | 1,05 | 0,75 | 1 | 3,3-1,9 |
| DCP 40/2050 T | 3 x 220-277/380-480 V~ | 3500 | 1,33 | 1 | 1,35 | 4,2-2,4 |
| DCP 40/2450 T | 3 x 220-277/380-480 V~ | 3500 | 2,07 | 1,5 | 2 | 6,2-3,6 |
| DCP 50/1550 T | 3 x 220-277/380-480 V~ | 3500 | 2,07 | 1,5 | 2 | 6,2-3,6 |
| DCP 50/1900 T | 3 x 220-277/380-480 V~ | 3500 | 2,53 | 2 | 2,7 | 7,7-4,4 |
| DCP 50/2450 T | 3 x 220-277/380-480 V~ | 3500 | 3,54 | 3 | 4 | 11-6,4 |
| DCP 50/3000 T | 3 x 220-277/380-480 V~ | 3500 | 3,54 | 3 | 4 | 11,-6,4 |
| DCP 50/3650 T | 3 x 220-277/380-480 V~ | 3500 | 4,87 | 4 | 5,5 | 15,2-8,8 |
| DCP-G 65-2280/A/BAQE/3 | 3 x 220-277/380-480 V~ | 3500 | 3,7 | 3 | 4 | 10,2-8,65/5,9-5 |
| DCP-G 65-2640/A/BAQE/4 | 3 x 220-277/380-480 V~ | 3500 | 4,9 | 4 | 5,5 | 14,2-17,9/8,2-10,3 |
| DCP-G 65-3400/A/BAQE/5,5 | 3 x 220-277/380-480 V~ | 3500 | 6,4 | 5,5 | 7,5 | 17,5-22,1/10,1-12,7 |
| DCP-G 65-4100/A/BAQE/7,5 | 3 x 220-277/380-480 V~ | 3500 | 8,7 | 7,5 | 10 | 24,4-30,8/14-17,7 |
| DCP-G 65-4700/A/BAQE/11 | 3 x 220-277/380-480 V~ | 3500 | 12,1 | 11 | 15 | 33,6-42,4/19,3-24,4 |
| DCP-G 65-5500/A/BAQE/15 | 3 x 220-277/380-480 V~ | 3500 | 16,6 | 15 | 20 | 47,5-60/27,3-34,5 |
| DCP-G 65-6150/A/BAQE/18,5 | 3 x 220-277/380-480 V~ | 3500 | 21,0 | 18,5 | 25 | 57,2-72,3/32,9-41,5 |
| DCP-G 65-7350/A/BAQE/22 | 3 x 220-277/380-480 V~ | 3500 | 24,6 | 22 | 30 | 66,5-84/38,2-48,3 |
| DCP-G 65-9250/A/BAQE/30 | 3 x 220-277/380-480 V~ | 3500 | 33,0 | 30 | 40 | 89,4-113/51,4-64,9 |
| DCP-G 65-10500/A/BAQE/37 | 3 x 380-480 V~ D | 3500 | 42,0 | 37 | 50 | 66,5-84 |

* Star (λ) starting is possible

TECHNICAL DATA - DCP-G TWIN WITH FLANGES

CP/CP-G - 3500 r.p.m. - 2 poles

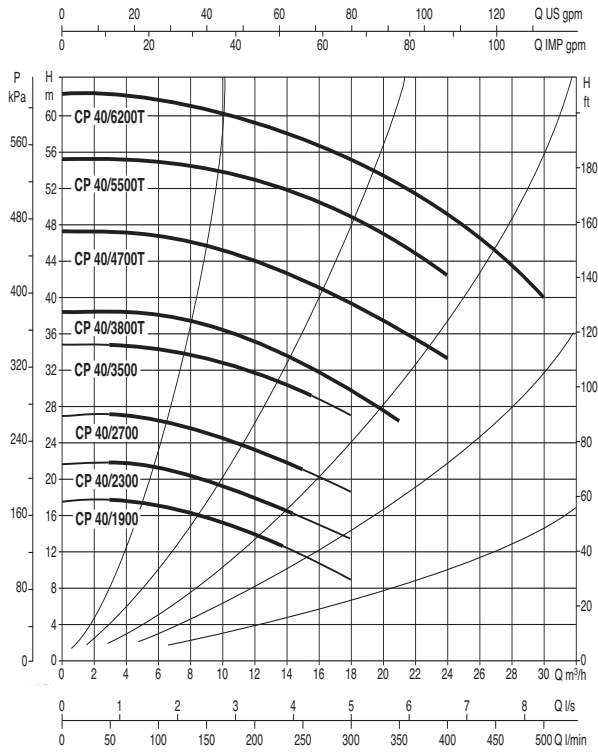
| MODEL | ELECTRICAL DATA | | | | | |
|----------------------------|------------------------|-----------------|--------------|------------|-----|---------------------|
| | VOLTAGE 60 Hz | r.p.m. \equiv | P1 MAX kW | P2 NOMINAL | | In A |
| | | | | kW | HP | |
| DCP-G 80-2050/A/BAQE/4 | 3 x 220-277/380-480 V~ | 3500 | 11,5 | 4 | 5,5 | 12,5-15,8/7,2-9,1 |
| DCP-G 80-2400/A/BAQE/5,5 | 3 x 220-277/380-480 V~ | 3500 | 6,4 | 5,5 | 7,5 | 17,8-22,5/10,2-12,9 |
| DCP-G 80-2770/A/BAQE/7,5 | 3 x 220-277/380-480 V~ | 3500 | 8,7 | 7,5 | 10 | 23,1-29,1/13,3-16,7 |
| DCP-G 80-3250/A/BAQE/11 | 3 x 220-277/380-480 V~ | 3500 | 12,1 | 11 | 15 | 33,6-42,4/19,3-24,4 |
| DCP-G 80-4000/A/BAQE/15 | 3 x 220-277/380-480 V~ | 3500 | 16,6 | 15 | 20 | 47,5-60/27,3-34,5 |
| DCP-G 80-4800/A/BAQE/18,5 | 3 x 220-277/380-480 V~ | 3500 | 21,0 | 18,5 | 25 | 57,2-72,3/32,9-41,5 |
| DCP-G 80-5300/A/BAQE/22 | 3 x 220-277/380-480 V~ | 3500 | 24,0 | 22 | 30 | 65-82,1/37,3-47,2 |
| DCP-G 80-6530/A/BAQE/30 | 3 x 220-277/380-480 V~ | 3500 | 33,0 | 30 | 40 | 89,4-113/51,4-64,9 |
| DCP-G 80-7650/A/BAQE/37 | 3 x 380-480 V~ D | 3500 | 42,0 | 37 | 50 | 66,5-84 |
| DCP-G 80-9600/A/BAQE/45 | 3 x 380-480 V~ D | 3500 | 48,8 | 45 | 60 | 74,3-93,8 |
| DCP-G 80-10200/A/BAQE/55 | 3 x 380-480 V~ D | 3500 | 59,5 | 55 | 75 | 91,1-115,1 |
| DCP-G 100-2350/A/BAQE/7,5 | 3 x 220-277/380-480 V~ | 3500 | 8,7 | 7,5 | 10 | 24,4-30,8/14-17,7 |
| DCP-G 100-2400/A/BAQE/11 | 3 x 220-277/380-480 V~ | 3500 | 12,1 | 11 | 15 | 33,6-42,4/19,3-24,4 |
| DCP-G 100-3050/A/BAQE/15 | 3 x 220-277/380-480 V~ | 3500 | 16,6 | 15 | 20 | 47,5-60/27,3-34,5 |
| DCP-G 100-3550/A/BAQE/18,5 | 3 x 220-277/380-480 V~ | 3500 | 21,0 | 18,5 | 25 | 57,2-72,3/32,9-41,5 |
| DCP-G 100-3850/A/BAQE/22 | 3 x 220-277/380-480 V~ | 3500 | 24,0 | 22 | 30 | 65-82,1/37,3-47,2 |
| DCP-G 100-4800/A/BAQE/30 | 3 x 220-277/380-480 V~ | 3500 | 33,0 | 30 | 40 | 89,4-113/51,4-64,9 |
| DCP-G 100-5600/A/BAQE/37 | 3 x 380-480 V~ D | 3500 | 42,0 | 37 | 50 | 66,5-84 |
| DCP-G 100-6300/A/BAQE/45 | 3 x 380-480 V~ D | 3500 | 48,8 | 45 | 60 | 74,3-93,8 |
| DCP-G 100-8300/A/BAQE/55 | 3 x 380-480 V~ D | 3500 | 59,5 | 55 | 75 | 91,1-115,1 |

* Star (Δ) starting is possible

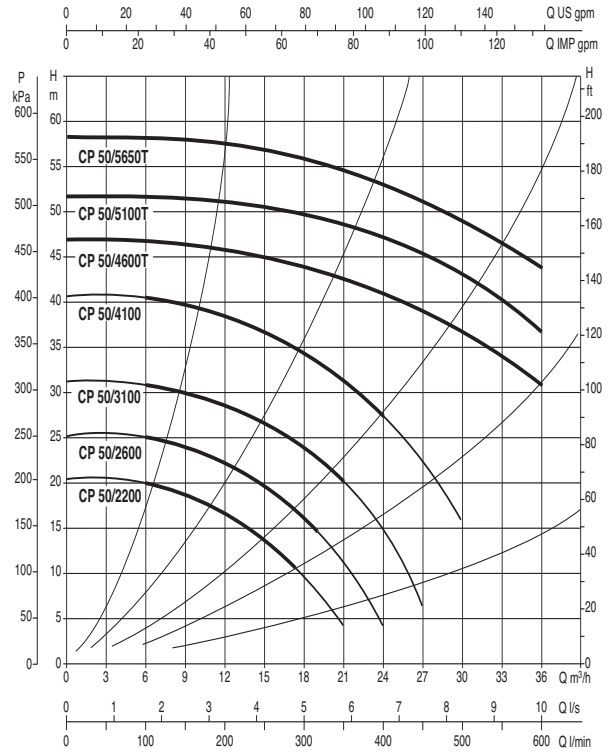
CP/CP-G/DCP/DCP-G IN-LINE PUMPS

2 POLES

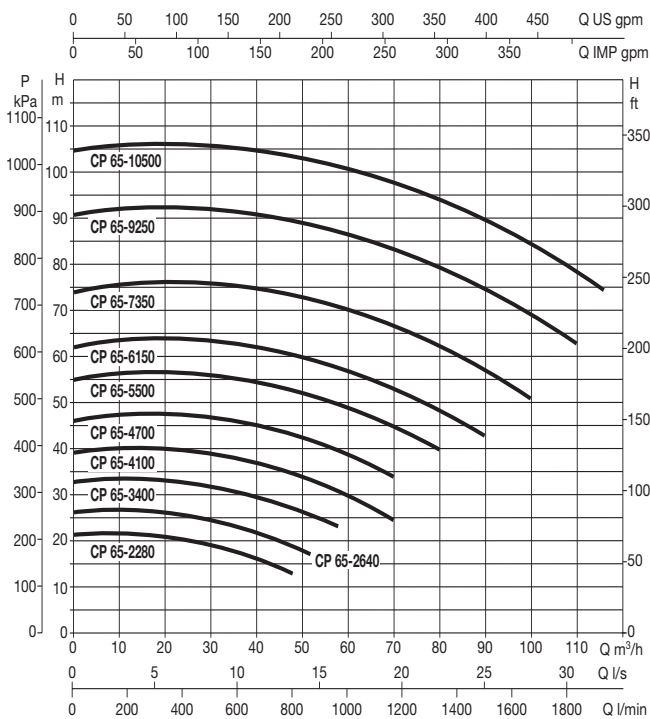
CP 40



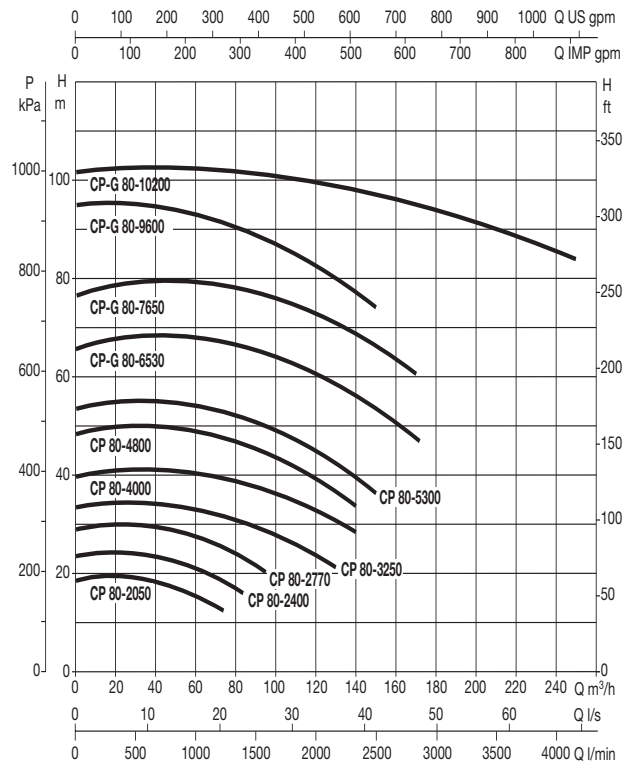
CP 50



CP-G 65



CP-G 80



CP/CP-G/DCP/DCP-G IN-LINE PUMPS

DCONNECT

COMMAND AND
CONTROL SYSTEMS

CIRCULATORS AND
IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL
AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND
SALT WATER PUMPS

CENTRIFUGAL PUMPS

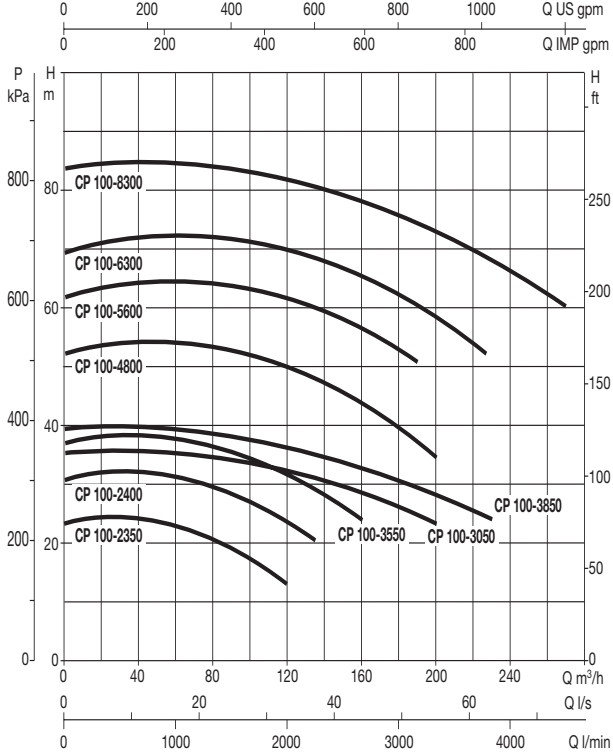
SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS
AND SUBMERSIBLE MOTORS

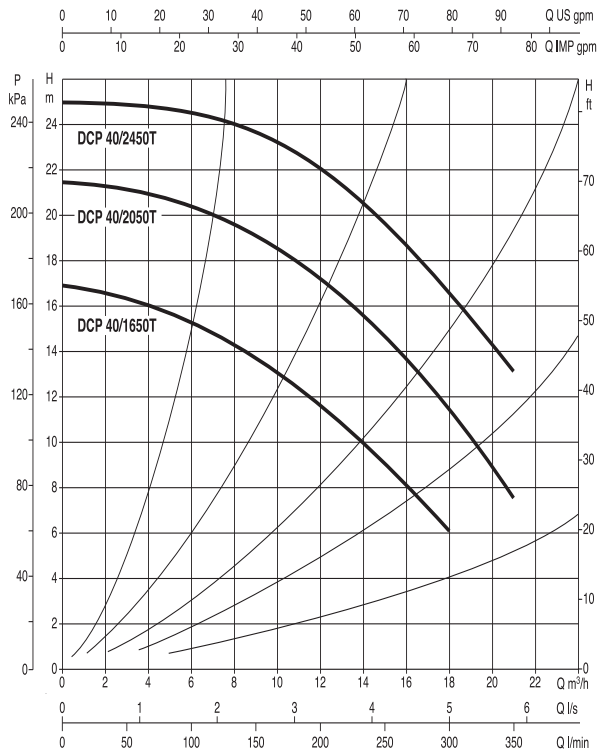
PRESSURE UNITS

2 POLES

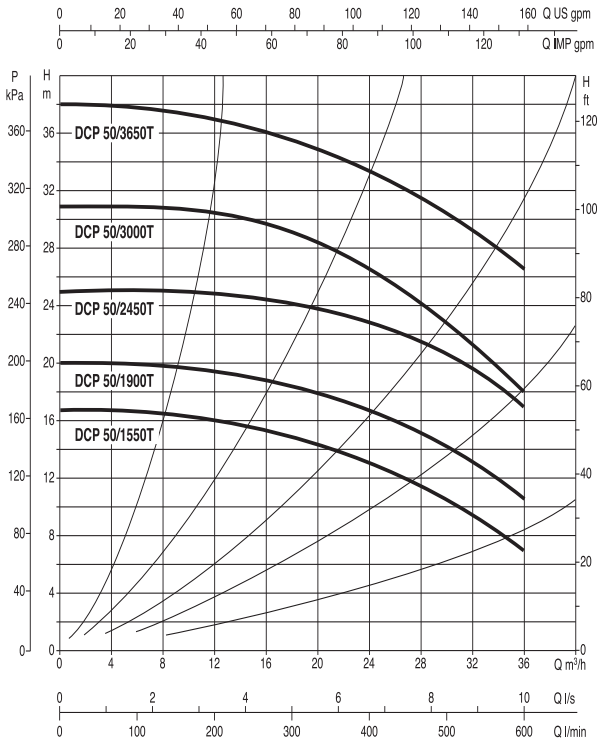
CP-G 100



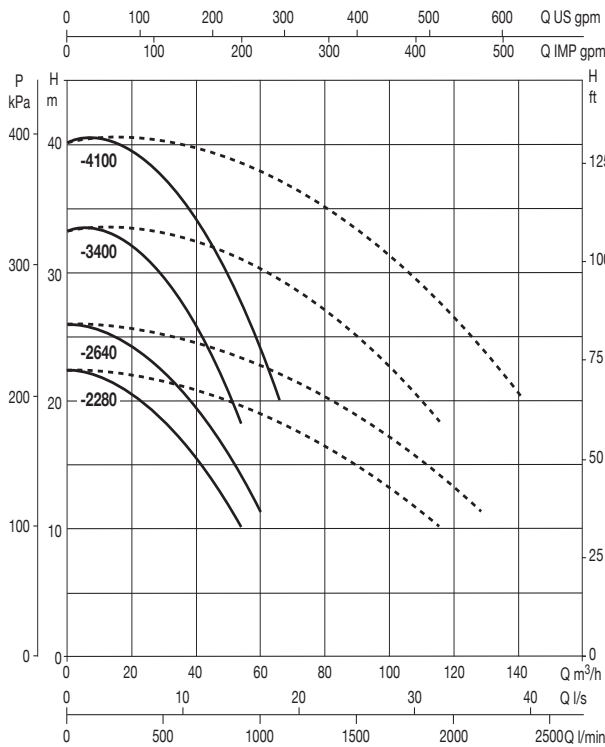
DCP 40



DCP 50

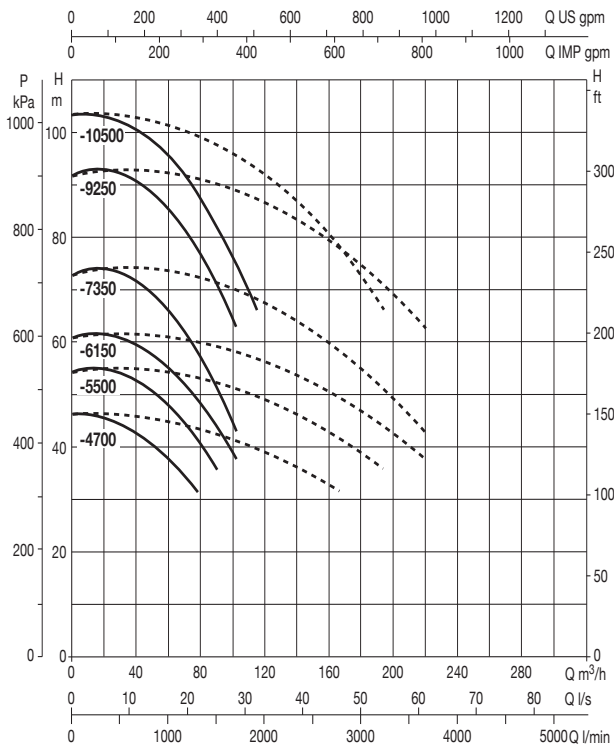


DCP-G 65

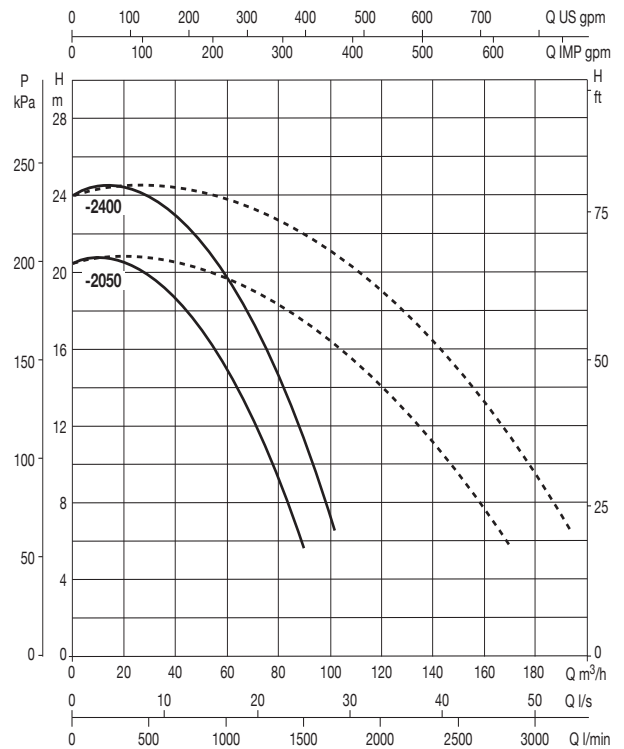


2 POLES

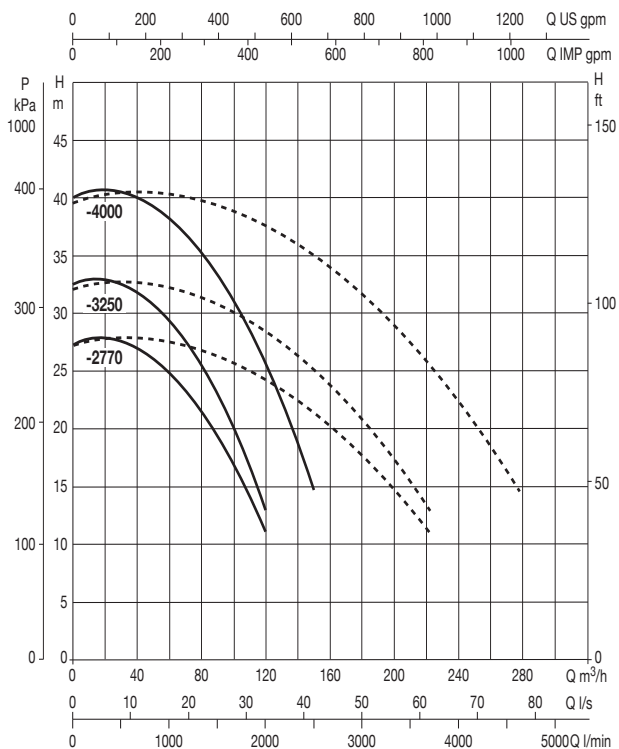
DCP-G 65



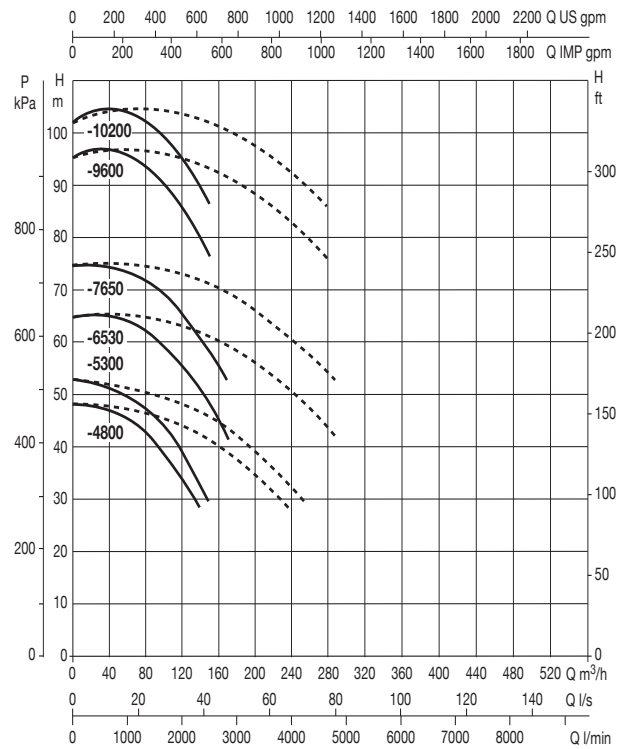
DCP-G 80



DCP-G 80

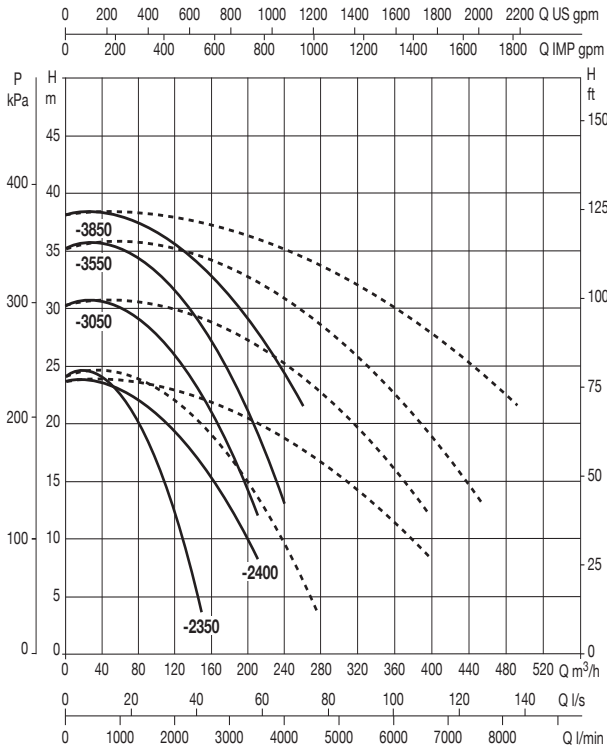


DCP-G 80

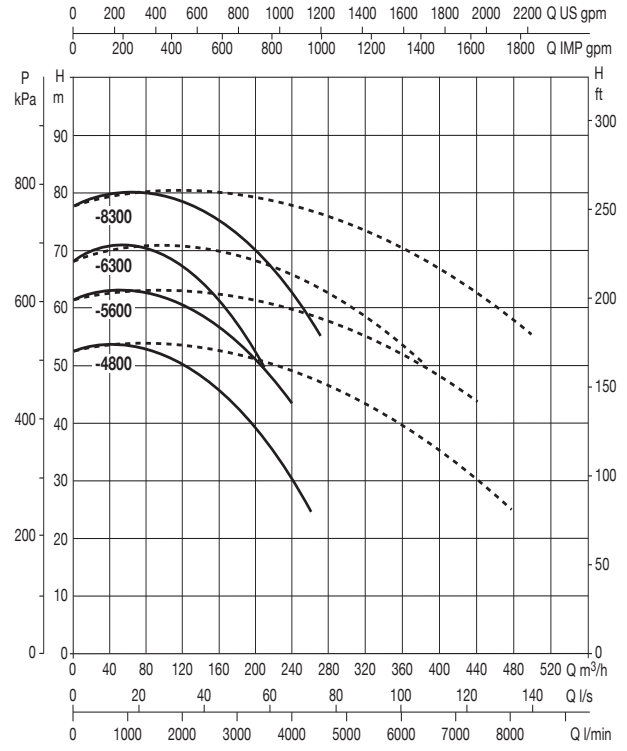


2 POLES

DCP-G 100



DCP-G 100



CP/CP-G/DCP/DCP-G

PERFORMANCE RANGE

CP/CP-G - HEATING SYSTEMS, AIR CONDITIONING, SOLAR PANEL AND DOMESTIC HOT WATER

| MODEL | P2 NOM. | | Q m³/h l/min | 0 | 3,6 | 4,8 | 6 | 12 | 18 | 24 | 30 | 36 |
|--------------|---------|-----|--------------------|------|------|------|------|------|------|------|------|-----|
| | KW | HP | | 0 | 60 | 80 | 100 | 200 | 300 | 400 | 500 | 600 |
| CP 40/1900 T | 0,75 | 1 | H (m) | 17,6 | 17,6 | 17,4 | 17 | 14 | | | | |
| CP 40/2300 T | 1,1 | 1,5 | | 21,8 | 21,8 | 21,3 | 21 | 18 | | | | |
| CP 40/2700 T | 1,5 | 2 | | 26,9 | 26,9 | 26,7 | 26,2 | 23,2 | | | | |
| CP 40/3500 T | 2,21 | 3 | | 34,8 | 34,7 | 34,7 | 34,2 | 31,7 | | | | |
| CP 40/3800 T | 3 | 4 | | | | | 38 | 35 | 30 | | | |
| CP 40/4700 T | 4 | 5,5 | | | | | 47 | 44 | 39,5 | 36 | | |
| CP 40/5500 T | 5,5 | 7,5 | | | | | 55 | 53 | 48 | 42 | | |
| CP 40/6200 T | 7,5 | 10 | | | | | 62 | 59 | 54 | 49 | | |
| CP 50/2200 T | 1,1 | 1,5 | | | | | 20 | 16,5 | 11 | | | |
| CP 50/2600 T | 1,5 | 2 | | | | | 25 | 22 | 16 | | | |
| CP 50/3100 T | 2,2 | 3 | | | | | 31 | 28,5 | 24 | | | |
| CP 50/4100 T | 4 | 5,5 | | | | | 40,7 | 38,5 | 34,5 | 27,7 | | |
| CP 50/4600 T | 5,5 | 7,5 | | | | | | | 44 | 41,5 | 37 | 31 |
| CP 50/5100 T | 7,5 | 10 | | | | | | | 50 | 47,5 | 42,5 | 37 |
| CP 50/5650 T | 7,5 | 10 | | | | | | | 55,5 | 53 | 49 | 44 |

| MODEL | P2 NOM. | | Q m³/h l/min | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 80 | 100 | 120 | 140 | 160 | 200 | 240 |
|-------------------------|---------|-----|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | KW | HP | | 0 | 167 | 333 | 500 | 666 | 833 | 1000 | 1333 | 1666 | 2000 | 2332 | 2665 | 3331 | 3500 |
| CP 65-2280/A/BAQE/3 | 3 | 4 | H (m) | 21,5 | 21,8 | 21 | 19,5 | 16,5 | | | | | | | | | |
| CP 65-2640/A/BAQE/4 | 4 | 5,5 | | 26,4 | 26,7 | 26,3 | 24,8 | 22 | 18 | | | | | | | | |
| CP 65-3400/A/BAQE/5 | 5,5 | 7,5 | | 33,2 | 33,4 | 33 | 32 | 30 | 26,7 | | | | | | | | |
| CP 65-4100/A/BAQE/7,5 | 7,5 | 10 | | 39,8 | 40 | 39,8 | 39 | 37,2 | 34,3 | 30 | | | | | | | |
| CP 65-4700/A/BAQE/11 | 11 | 15 | | 46,5 | 47,5 | 47,7 | 47 | 45,4 | 42,8 | 39 | | | | | | | |
| CP 65-5500/A/BAQE/15 | 15 | 20 | | 55,4 | 56,3 | 56,4 | 56 | 54,5 | 52,5 | 49,5 | 39,8 | | | | | | |
| CP 65-6150/A/BAQE/18,5 | 18,5 | 25 | | 62,5 | 63,5 | 64 | 63,4 | 62 | 60 | 57 | 48,7 | | | | | | |
| CP 65-7350/A/BAQE/22 | 22 | 30 | | 74,3 | 75,8 | 76,3 | 76 | 74,8 | 73 | 70,2 | 62,5 | 50,7 | | | | | |
| CP 65-9250/A/BAQE/30 | 30 | 40 | | 90,8 | 91,4 | 92 | 91,8 | 91 | 89 | 86,5 | 79,4 | 69,4 | | | | | |
| CP-G 65-10500/A/BAQE/37 | 37 | 50 | | 105 | | | | 106 | 104 | 101 | 93,5 | 84,7 | | | | | |
| CP 80-2050/A/BAQE/4 | 4 | 5,5 | | 18,7 | 19,2 | 19,5 | 19,4 | 18,5 | 17 | 15,3 | | | | | | | |
| CP 80-2400/A/BAQE/5,5 | 5,5 | 7,5 | | 23,5 | 24 | 24,3 | 24,3 | 23,7 | 22,5 | 21 | 17 | | | | | | |
| CP 80-2770/A/BAQE/7,5 | 7,5 | 10 | | 29 | 29,5 | 30 | 30 | 29,5 | 28,8 | 27,5 | 24 | | | | | | |
| CP 80-3250/A/BAQE/11 | 11 | 15 | | 33,3 | 34 | 34,5 | 34,6 | 34,3 | 33,8 | 33 | 30,8 | 27,8 | 23,6 | | | | |
| CP 80-4000/A/BAQE/15 | 15 | 20 | | 39,7 | 40,5 | 41 | 41 | 41 | 40,6 | 40,2 | 38,8 | 36,5 | 33 | 28 | | | |
| CP 80-4800/A/BAQE/18,5 | 18,5 | 25 | | 4 | | | | 50,4 | 50 | 49 | 46,5 | 43 | 39,3 | 34 | | | |
| CP 80-5300/A/BAQE/22 | 22 | 30 | | 53 | | | | 55,2 | 52 | 54,2 | 52 | 48,7 | 44,8 | 39,5 | | | |
| CP 80-6530/A/BAQE/30 | 30 | 40 | | 65,3 | | | | 68,5 | 68,2 | 68 | 66,5 | 63,8 | 60,4 | 56 | 50,8 | | |
| CP-G 80-7650/A/BAQE/37 | 37 | 50 | | 76,5 | | | | 79 | 79,2 | 79,4 | 78,3 | 76 | 72,7 | 68,5 | 63,4 | | |
| CP-G 80-9600/A/BAQE/45 | 45 | 60 | | 95 | | | | 94,7 | 93,9 | 93 | 90 | 86,7 | 82,9 | 77,1 | | | |
| CP-G 80-10200/A/BAQE/55 | 55 | 75 | | 101 | | | | 102 | 102 | 102 | 101 | 101 | 99,1 | 97,9 | 95,9 | 91,4 | 85,5 |
| CP 100-2350/A/BAQE/7,5 | 7,5 | 10 | | 23 | 23,8 | 24,3 | 24,4 | 24,2 | 23,5 | 22,8 | 20,4 | 17 | 13,5 | | | | |
| CP 100-2400/A/BAQE/11 | 11 | 15 | | 30,5 | 31,6 | 32 | 32,2 | 32 | 31,8 | 31,2 | 29,5 | 27 | 23,7 | | | | |
| CP 100-3050/A/BAQE/15 | 15 | 20 | | 37,3 | | | | 38 | 37,9 | 37,5 | 36,5 | 34,7 | 32 | 28,3 | 23,8 | | |
| CP 100-3550/A/BAQE/18,5 | 18,5 | 25 | | 35 | | | | | | 35,7 | 34,8 | 33,5 | 32 | 30,2 | 28,2 | 28,2 | |
| CP 100-3850/A/BAQE/22 | 22 | 30 | | 38,8 | | | | | | 39,7 | 38,8 | 37,5 | 36 | 34,3 | 32,5 | 34,5 | |
| CP 100-4800A/BAQE/30 | 30 | 40 | | 53 | | | | | | 54 | 54 | 52,5 | 50 | 47 | 43,5 | | |
| CP-G 100-5600/A/BAQE/37 | 37 | 50 | | 63 | | | | | | 64,2 | 64,5 | 63,7 | 62 | 59,5 | 56 | | |
| CP-G 100-6300/A/BAQE/45 | 45 | 60 | | 70,3 | | | | | | 71,7 | 71,8 | 71,3 | 70 | 68,4 | 66 | 58,7 | |
| CP-G 100-8300/A/BAQE/55 | 55 | 75 | | 82,6 | | | | | | | | 85,1 | 84,3 | 82,6 | 80,4 | 74,7 | 67,3 |

DCP- HEATING SYSTEMS, AIR CONDITIONING, SOLAR PANEL AND DOMESTIC HOT WATER

| MODEL | P2 NOMINAL | | Q (m³/h) (l/min) | 6 | 7,5 | 9 | 10,5 | 12 | 13,5 | 15 | 18 | 21 | 24 | 27 | 30 | 36 | |
|---------------|------------|-----|---------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|
| | KW | HP | | 100 | 125 | 150 | 175 | 200 | 225 | 250 | 300 | 350 | 400 | 450 | 500 | 600 | |
| DCP 40/1650 T | 0,8 | 1 | H (m) | 16,5 | 15,5 | 14,5 | 13,5 | 12,3 | 11 | 9,5 | 6 | | | | | | |
| DCP 40/2050 T | 1 | 1,4 | | 20,5 | 20 | 19 | 18 | 17 | 16 | 15 | 11,5 | 7,5 | | | | | |
| DCP 40/2450 T | 1,5 | 2 | | 24,5 | 24 | 23,5 | 23 | 22 | 21 | 20 | 16,5 | 13 | | | | | |
| DCP 50/1550 T | 1,5 | 2 | | | | | | | | 15,5 | 15 | 14,1 | 13 | 11,8 | 10,5 | 7 | |
| DCP 50/1900 T | 2 | 2,7 | | | | | | | | 19 | 18,5 | 17,5 | 16,5 | 15,5 | 14,5 | 10,5 | |
| DCP 50/2450 T | 3 | 4 | | | | | | | | 24,5 | 24 | 23,5 | 23 | 22 | 20,5 | 17 | |
| DCP 50/3000 T | 3 | 4 | | | | | | | | 30 | 29 | 28 | 26,5 | 25 | 23 | 18 | |
| DCP 50/3650 T | 4 | 5,5 | | | | | | | | 36,5 | 35,5 | 34,5 | 33,5 | 32,5 | 31 | 27 | |

DCP-G - HEATING SYSTEMS, AIR CONDITIONING, SOLAR PANEL AND DOMESTIC HOT WATER

| MODEL | Q (m³/h) (l/min) | 0 | 6 | 12 | 18 | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | 72 | 78 | 84 | 90 | 102 |
|---------------------------|---------------------|------|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | 0 | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1700 |
| DCP-G 65-2280/A/BAQE/3 | H (m) | 22,3 | | | 21,1 | 19,9 | 18,4 | 16,8 | 14,7 | 12,5 | 10,2 | | | | | | | |
| DCP-G 65-2640/A/BAQE/4 | | 25,9 | | | 24,6 | 23,7 | 22,2 | 20,7 | 18,8 | 16,4 | 14,0 | 11,4 | | | | | | |
| DCP-G 65-3400/A/BAQE/5,5 | | 33,3 | | | 32,5 | 31,4 | 29,7 | 27,4 | 25,0 | 21,7 | 18,2 | | | | | | | |
| DCP-G 65-4100/A/BAQE/7,5 | | 40,2 | | | 39,6 | 39,0 | 37,4 | 35,7 | 33,4 | 30,7 | 27,5 | 23,9 | 20,1 | | | | | |
| DCP-G 65-4700/A/BAQE/11 | | 46,4 | | | | | 44,3 | 43,6 | 42,6 | 41,3 | 39,6 | 38,1 | 35,9 | 33,6 | 31,3 | | | |
| DCP-G 65-5500/A/BAQE/15 | | 54,3 | | | | | 54,7 | 53,9 | 52,1 | 51,2 | 49,4 | 48,0 | 45,6 | 43,7 | 41,3 | 38,4 | 36,1 | |
| DCP-G 65-6150/A/BAQE/18,5 | | 60,8 | | | | | 60,7 | 60,4 | 59,7 | 58,4 | 56,5 | 55,2 | 53,3 | 51,4 | 49,0 | 46,7 | 43,8 | 37,8 |
| DCP-G 65-7350/A/BAQE/22 | | 72,6 | | | | | 73,4 | 72,6 | 71,6 | 70,9 | 68,0 | 65,1 | 63,2 | 60,7 | 57,8 | 54,9 | 51,5 | 43,1 |
| DCP-G 65-9250/A/BAQE/30 | | 91,4 | | | | | 92,0 | 91,6 | 91,2 | 89,7 | 87,2 | 85,0 | 82,5 | 80,0 | 76,8 | 74,6 | 70,5 | 63,3 |
| DCP-G 65-10500/A/BAQE/37 | | 103 | | | | | 102 | 101 | 100 | 98 | 97 | 96 | 93 | 91 | 88 | 86 | 82 | 76 |

CP/CP-G/DCP/DCP-G

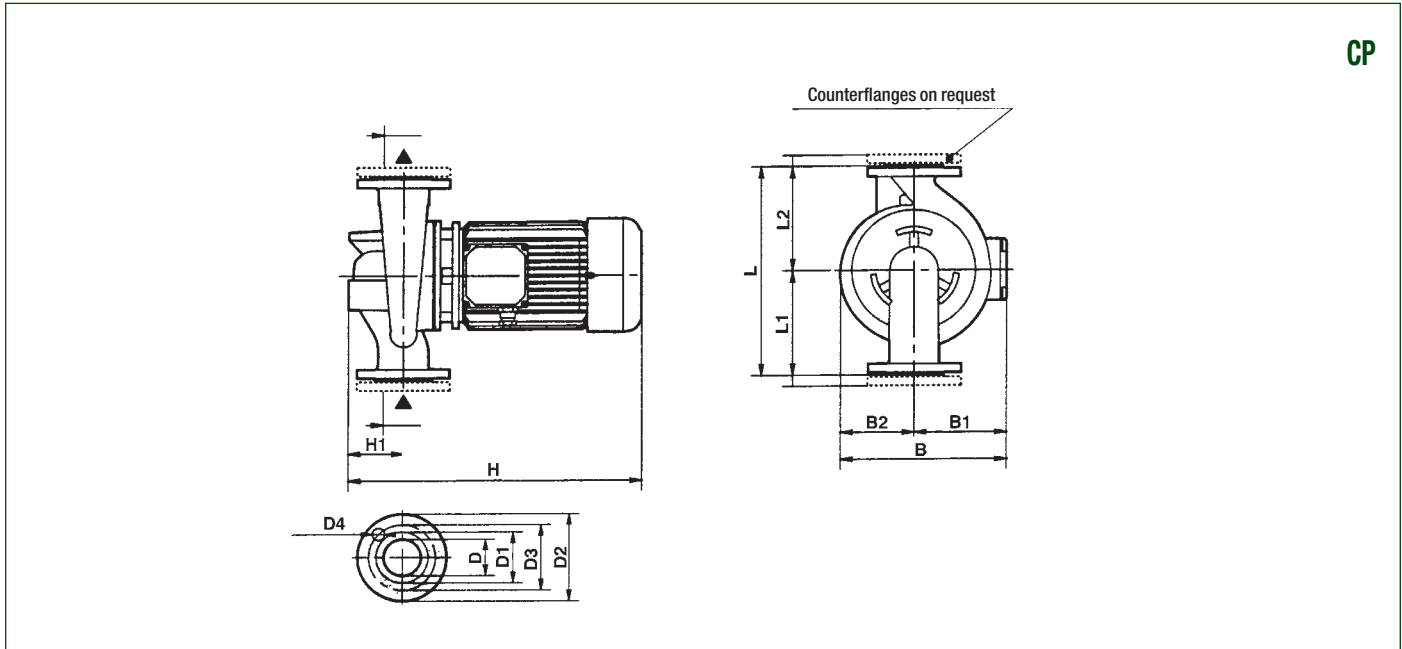
PERFORMANCE RANGE

DCP-G - HEATING SYSTEMS, AIR CONDITIONING, SOLAR PANEL AND DOMESTIC HOT WATER

| MODEL | Q (m³/h) (l/min) | 0 | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | 72 | 78 | 84 | 90 | 102 | 114 | 120 | 150 |
|---------------------------|---------------------|-------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|
| | | 0 | 400 | 500 | 600 | 700 | 800 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1700 | 1900 | 2000 | 2500 |
| DCP-G 80-2050/A/BAQE/4 | H (m) | 20,1 | 20,8 | 20,1 | 19,5 | 18,4 | 17,4 | 16,2 | 14,6 | 13,1 | 11,3 | 9,7 | 7,7 | 6,1 | | | | |
| DCP-G 80-2400/A/BAQE/5,5 | | 23,5 | 24,5 | 24,4 | 23,9 | 23,1 | 22,1 | 20,8 | 19,6 | 17,9 | 16,3 | 14,8 | 13,0 | 11,2 | 7,1 | | | |
| DCP-G 80-2770/A/BAQE/7,5 | | 27,1 | | | | | 26,6 | 26,0 | 25,3 | 24,3 | 22,8 | 21,9 | 20,5 | 19,3 | 16,2 | 13,0 | 11,3 | |
| DCP-G 80-3250/A/BAQE/11 | | 31,9 | | | | | 31,2 | 30,5 | 29,7 | 28,5 | 26,7 | 25,6 | 24,0 | 22,6 | 19,1 | 15,2 | 13,2 | |
| DCP-G 80-4000/A/BAQE/15 | | 39,2 | | | | | 39,7 | 39,1 | 38,5 | 37,7 | 36,7 | 35,6 | 34,6 | 33,2 | 30,1 | 26,9 | 25,1 | 15,1 |
| DCP-G 80-4800/A/BAQE/18,5 | | 48 | | | | | 46,2 | 46 | 45,6 | 44,7 | 43,7 | 42,8 | 41,8 | 41 | 38 | 35,5 | 34 | 24 |
| DCP-G 80-5300/A/BAQE/22 | | 53 | | | | | 50,5 | 50 | 49,2 | 49 | 48 | 47 | 46 | 45,7 | 43 | 41 | 39 | 27,5 |
| DCP-G 80-6530/A/BAQE/30 | | 64,5 | | | | | 64,3 | 64 | 63,8 | 63 | 62,2 | 62 | 61,8 | 61 | 59 | 56,2 | 55 | 48,5 |
| DCP-G 80-7650/A/BAQE/37 | | 75 | | | | | 74,2 | 74 | 73,8 | 73,6 | 73 | 72,5 | 72 | 71 | 69 | 66,3 | 65,2 | 58,2 |
| DCP-G 80-9600/A/BAQE/45 | | 96,4 | | | | | 95,1 | 94,7 | 94,9 | 94,5 | 94,6 | 94,2 | 93,2 | 92,8 | 90,7 | 88,1 | 86,0 | 74,7 |
| DCP-G 80-10200/A/BAQE/55 | | 102,4 | | | 103,9 | 104,1 | 104,1 | 104,1 | 103,9 | 103,6 | 103,1 | 102,6 | 101,8 | 101,0 | 98,9 | 96,3 | 94,8 | 85,7 |

| MODEL | Q (m³/h) (l/min) | 0 | 36 | 42 | 48 | 54 | 60 | 66 | 72 | 78 | 84 | 90 | 102 | 114 | 120 | 150 | 180 | 210 | 240 | 270 | |
|----------------------------|---------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | 0 | 600 | 700 | 800 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1700 | 1900 | 2000 | 2500 | 3000 | 3500 | 4000 | 4500 | |
| DCP-G 100-2350/A/BAQE/7,5 | H (m) | 23,5 | 24,5 | 24,4 | 24,0 | 23,6 | 23,1 | 22,2 | 21,4 | 20,4 | 19,4 | 18,3 | 15,7 | 12,9 | 11,7 | 4,5 | | | | | |
| DCP-G 100-2400/A/BAQE/11 | | 23,6 | | | | | | | | | | | 21,9 | 21,0 | 19,7 | 19,1 | 15,5 | 13,4 | 8,2 | | |
| DCP-G 100-3050/A/BAQE/15 | | 30,0 | | | | | | | | | | | 28,9 | 27,9 | 26,5 | 25,8 | 21,8 | 17,0 | 12,5 | | |
| DCP-G 100-3550/A/BAQE/18,5 | | 34,9 | | | | | | | | | | | 34,6 | 33,5 | 32,1 | 31,6 | 27,8 | 23,3 | 18,5 | 13,7 | |
| DCP-G 100-3850/A/BAQE/22 | | 37,9 | | | | | | | | | | | 37,2 | 36,8 | 36,0 | 35,8 | 33,5 | 30,8 | 27,5 | 24,0 | |
| DCP-G 100-4800/A/BAQE/30 | | 52,7 | | | | | | | | | | | 52,1 | 51,6 | 50,7 | 50,0 | 47,1 | 42,7 | 37,0 | 29,3 | |
| DCP-G 100-5600/A/BAQE/37 | | 61,5 | | | | | | | | | | | 62,4 | 61,6 | 61,0 | 60,7 | 57,9 | 54,1 | 49,3 | 43,5 | |
| DCP-G 100-6300/A/BAQE/45 | | 68,1 | | | | | | | | | | | 70,1 | 69,3 | 67,9 | 66,7 | 62,7 | 57,1 | 49,5 | | |
| DCP-G 100-8300/A/BAQE/55 | | 77,8 | | | | | | | | | | | 79,0 | 79,0 | 79,0 | 78,5 | 76,1 | 72,7 | 68,2 | 61,8 | 55,0 |

DIMENSIONS AND WEIGHTS



| MODEL | L | L1 | L2 | B | B1 | B2 | H | H1 | D | D1 | D2 | D3 | D4 | PACKING DIMENSIONS | | | VOLUME | WEIGHT Kg |
|--------------|-----|-----|-----|-----|-----|-----|-----|-----|---------|-----|-----|-----|-----------------|--------------------|-----|------|--------|--------------|
| | | | | | | | | | | | | | | L/A | L/B | H | | |
| CP 40/1900 T | 390 | 200 | 190 | 231 | 118 | 113 | 453 | 95 | 40 PN16 | 88 | 150 | 110 | 4 holes Ø 14 | 680 | 330 | 580 | 0,13 | 41 |
| CP 40/2300 T | 390 | 200 | 190 | 231 | 118 | 113 | 453 | 95 | 40 PN16 | 88 | 150 | 110 | | 680 | 330 | 580 | 0,13 | 41 |
| CP 40/2700 T | 390 | 200 | 190 | 231 | 118 | 113 | 453 | 95 | 40 PN16 | 88 | 150 | 110 | | 680 | 330 | 580 | 0,13 | 43,5 |
| CP 40/3500 T | 390 | 200 | 190 | 231 | 118 | 113 | 453 | 95 | 40 PN16 | 88 | 150 | 110 | | 680 | 330 | 580 | 0,13 | 48,8 |
| CP 40/3800 T | 320 | 170 | 150 | 257 | 149 | 108 | 485 | 100 | 40 PN16 | 88 | 150 | 110 | | 450 | 270 | 465 | 0,04 | 37 |
| CP 40/4700 T | 380 | 200 | 180 | 286 | 159 | 127 | 535 | 100 | 40 PN16 | 88 | 150 | 110 | | 450 | 270 | 465 | 0,04 | 50 |
| CP 40/5500 T | 380 | 200 | 180 | 286 | 159 | 127 | 535 | 100 | 40 PN16 | 88 | 150 | 110 | | 450 | 270 | 465 | 0,04 | 55 |
| CP 40/6200 T | 380 | 200 | 180 | 286 | 159 | 127 | 535 | 100 | 40 PN16 | 88 | 150 | 110 | 450 | 270 | 465 | 0,04 | 56 | |
| CP 50/2200 T | 425 | 225 | 200 | 233 | 120 | 113 | 463 | 105 | 40 PN16 | 102 | 165 | 125 | 4 holes Ø 18 | 680 | 330 | 580 | 0,13 | 46,6 |
| CP 50/2600 T | 425 | 225 | 200 | 233 | 120 | 113 | 463 | 105 | 40 PN16 | 102 | 165 | 125 | | 680 | 330 | 580 | 0,13 | 49,5 |
| CP 50/3100 T | 425 | 225 | 200 | 233 | 120 | 113 | 537 | 105 | 40 PN16 | 102 | 165 | 125 | | 680 | 330 | 580 | 0,13 | 52,8 |
| CP 50/4100 T | 425 | 225 | 200 | 233 | 120 | 113 | 537 | 105 | 40 PN16 | 102 | 165 | 125 | | 680 | 330 | 580 | 0,13 | 61 |
| CP 50/4600 T | 400 | 220 | 180 | 290 | 159 | 131 | 545 | 110 | 40 PN16 | 102 | 165 | 125 | | 520 | 320 | 535 | 0,06 | 56 |
| CP 50/5100 T | 400 | 220 | 180 | 290 | 159 | 131 | 545 | 110 | 40 PN16 | 102 | 165 | 125 | | 520 | 320 | 535 | 0,06 | 57 |
| CP 50/5650 T | 400 | 220 | 180 | 290 | 159 | 131 | 545 | 110 | 40 PN16 | 102 | 165 | 125 | | 520 | 320 | 535 | 0,06 | 64 |

CP/CP-G/DCP/DCP-G IN-LINE PUMPS

DCONNECT

COMMAND AND
CONTROL SYSTEMS

CIRCULATORS AND
IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL
AND SELF-PRIMING PUMPS

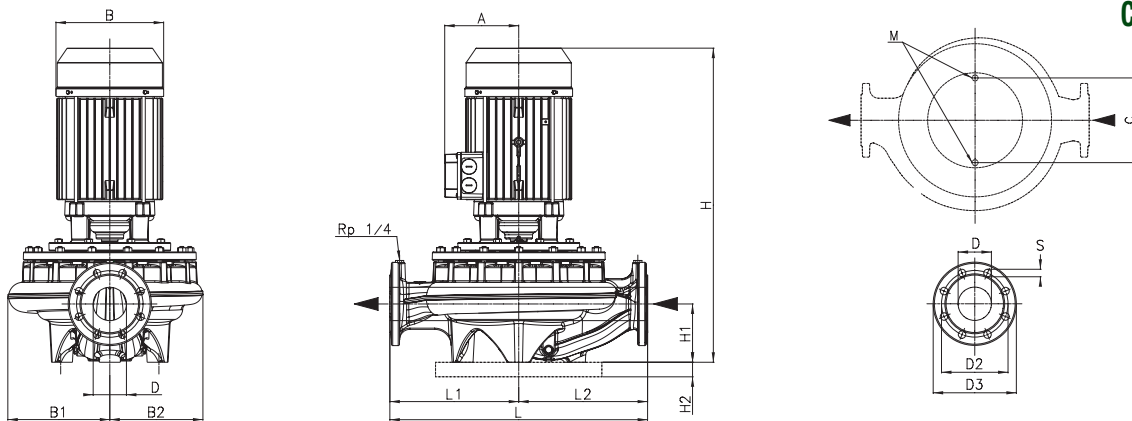
SWIMMING POOL, POND AND
SALT WATER PUMPS

CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS
AND SUBMERSIBLE MOTORS

PRESSURE UNITS

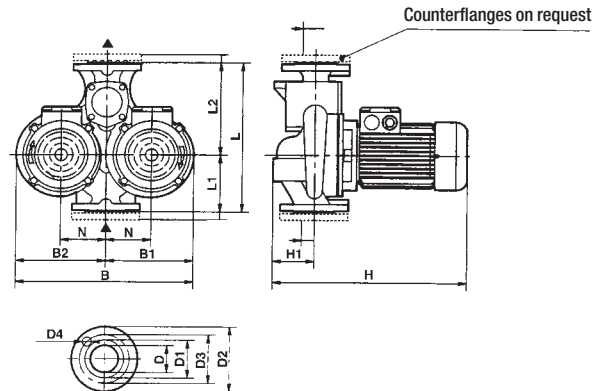


| MODEL | DIMENSIONS | | | | | | | | | | | PACKING DIMENSIONS | | | | | | VOLUME | WEIGHT Kg | | | | |
|---------------------------|------------|-----|-----|-----|-----|-----|-----|-----|-----|----|----------|--------------------|-----|-----|-----|-------|-------|--------|--------------|-----|------|-------|--------|
| | A | B | B1 | B2 | C | D | D1 | D2 | D3 | S | n. holes | H | H1 | H2 | L | L1 | L2 | | | M | L/A | L/B | H |
| CP-G 65-2280/A/BAQE/3 | 129 | 176 | 144 | 126 | 144 | 65 | 65 | 145 | 185 | 18 | 4 | 632 | 105 | 35 | 360 | 180 | 180 | M16 | 670 | 390 | 710 | 0,186 | 80,6 |
| CP-G 65-2640/A/BAQE/4 | 144 | 193 | 144 | 126 | 144 | 65 | 65 | 145 | 185 | 18 | | 717 | 105 | 35 | 360 | 180 | 180 | M16 | 670 | 390 | 710 | 0,186 | 87,1 |
| CP-G 65-3400/A/BAQE/5,5 | 150 | 220 | 144 | 126 | 144 | 65 | 65 | 145 | 185 | 18 | | 736 | 105 | 35 | 360 | 180 | 180 | M16 | 670 | 390 | 710 | 0,186 | 120,1 |
| CP-G 65-4100/A/BAQE/7,5 | 178 | 259 | 144 | 126 | 144 | 65 | 65 | 145 | 185 | 18 | | 736 | 105 | 35 | 360 | 180 | 180 | M16 | 780 | 460 | 860 | 0,309 | 123,7 |
| CP-G 65-4700/A/BAQE/11 | 178 | 259 | 180 | 164 | 144 | 65 | 65 | 145 | 185 | 18 | | 893 | 125 | 35 | 475 | 237,5 | 237,5 | M16 | 780 | 460 | 860 | 0,309 | 195,8 |
| CP-G 65-5500/A/BAQE/15 | 178 | 259 | 180 | 164 | 144 | 65 | 65 | 145 | 185 | 18 | | 893 | 125 | 35 | 475 | 237,5 | 237,5 | M16 | 780 | 460 | 860 | 0,390 | 213,8 |
| CP-G 65-6150/A/BAQE/18,5 | 223 | 309 | 180 | 164 | 144 | 65 | 65 | 145 | 185 | 18 | | 948 | 125 | 35 | 475 | 237,5 | 237,5 | M16 | 900 | 550 | 1060 | 0,525 | 230,9 |
| CP-G 65-7350/A/BAQE/22 | 223 | 309 | 180 | 164 | 144 | 65 | 65 | 145 | 185 | 18 | | 968 | 125 | 35 | 475 | 237,5 | 237,5 | M16 | 900 | 550 | 1060 | 0,525 | 270,6 |
| CP-G 65-9250/A/BAQE/30 | 223 | 309 | 180 | 164 | 144 | 65 | 65 | 145 | 185 | 18 | | 1048 | 125 | 35 | 475 | 237,5 | 237,5 | M16 | 900 | 550 | 1060 | 0,525 | 262,2 |
| CP-G 65-10500/A/BAQE/37 | 341 | 400 | 180 | 164 | 144 | 65 | 65 | 145 | 185 | 18 | | 1360 | 125 | 35 | 475 | 237,5 | 237,5 | M16 | 900 | 500 | 1200 | 0,594 | 404,6 |
| CP-G 80-2050/A/BAQE/4 | 144 | 193 | 135 | 117 | 144 | 80 | 80 | 160 | 200 | 18 | | 8 | 719 | 105 | 35 | 360 | 180 | 180 | M16 | 520 | 290 | 700 | 0,106 |
| CP-G 80-2400/A/BAQE/5,5 | 150 | 220 | 135 | 117 | 144 | 80 | 80 | 160 | 200 | 18 | 738 | | 105 | 35 | 360 | 180 | 180 | M16 | 520 | 290 | 700 | 0,106 | 124,4 |
| CP-G 80-2770/A/BAQE/7,5 | 178 | 259 | 178 | 146 | 144 | 80 | 80 | 160 | 200 | 18 | 748 | | 115 | 35 | 440 | 220 | 220 | M16 | 780 | 460 | 860 | 0,309 | 126,8 |
| CP-G 80-3250/A/BAQE/11 | 178 | 259 | 178 | 146 | 144 | 80 | 80 | 160 | 200 | 18 | 893 | | 115 | 35 | 440 | 220 | 220 | M16 | 780 | 460 | 860 | 0,309 | 84,5 |
| CP-G 80-4000/A/BAQE/15 | 178 | 259 | 178 | 146 | 144 | 80 | 80 | 160 | 200 | 18 | 748 | | 115 | 35 | 440 | 220 | 220 | M16 | 780 | 460 | 860 | 0,309 | 89,6 |
| CP-G 80-4800/A/BAQE/18,5 | 223 | 309 | 190 | 164 | 144 | 80 | 80 | 160 | 200 | 18 | 948 | | 115 | 35 | 500 | 250 | 250 | M16 | 900 | 550 | 1060 | 0,525 | 128 |
| CP-G 80-5300/A/BAQE/22 | 223 | 309 | 190 | 164 | 144 | 80 | 80 | 160 | 200 | 18 | 968 | | 115 | 35 | 500 | 250 | 250 | M16 | 900 | 550 | 1060 | 0,525 | 197,26 |
| CP-G 80-6530/A/BAQE/30 | 223 | 309 | 190 | 164 | 144 | 80 | 80 | 160 | 200 | 18 | 1050 | | 115 | 35 | 500 | 250 | 250 | M16 | 900 | 550 | 1060 | 0,525 | 243,06 |
| CP-G 80-7650/A/BAQE/37 | 341 | 400 | 245 | 224 | 230 | 80 | 80 | 160 | 200 | 18 | 1360 | | 140 | 35 | 620 | 310 | 310 | M16 | 900 | 550 | 1200 | 0,594 | 180,4 |
| CP-G 80-9600/A/BAQE/45 | 360 | 463 | 245 | 224 | 230 | 80 | 80 | 160 | 200 | 18 | 1400 | | 140 | 35 | 620 | 310 | 310 | M16 | 900 | 550 | 1200 | 0,594 | 268,6 |
| CP-G 80-10200/A/BAQE/55 | 390 | 516 | 245 | 224 | 230 | 80 | 80 | 160 | 200 | 18 | 1515 | | 140 | 35 | 620 | 310 | 310 | M16 | 900 | 550 | 1400 | 0,693 | 440,1 |
| CP-G 100-2350/A/BAQE/7,5 | 178 | 259 | 158 | 126 | 144 | 100 | 100 | 180 | 220 | 18 | 8 | 780 | 140 | 35 | 500 | 250 | 250 | M16 | 780 | 460 | 860 | 0,309 | 97,5 |
| CP-G 100-2400/A/BAQE/11 | 178 | 259 | 193 | 153 | 230 | 100 | 100 | 180 | 220 | 18 | | 889 | 140 | 35 | 550 | 275 | 275 | M16 | 780 | 460 | 860 | 0,309 | 106,6 |
| CP-G 100-3050/A/BAQE/15 | 178 | 259 | 193 | 153 | 230 | 100 | 100 | 180 | 220 | 18 | | 889 | 140 | 35 | 550 | 275 | 275 | M16 | 780 | 460 | 860 | 0,309 | 188,11 |
| CP-G 100-3550/A/BAQE/18,5 | 223 | 309 | 193 | 153 | 230 | 100 | 100 | 180 | 220 | 18 | | 970 | 140 | 35 | 550 | 275 | 275 | M16 | 900 | 550 | 1060 | 0,525 | 218,32 |
| CP-G 100-3850/A/BAQE/22 | 223 | 309 | 193 | 153 | 230 | 100 | 100 | 180 | 220 | 18 | | 990 | 140 | 35 | 550 | 275 | 275 | M16 | 900 | 550 | 1060 | 0,255 | 189,8 |
| CP-G 100-4800/A/BAQE/30 | 223 | 309 | 204 | 174 | 230 | 100 | 100 | 180 | 220 | 18 | | 1138 | 140 | 35 | 550 | 275 | 275 | M16 | 900 | 550 | 1060 | 0,525 | 200,7 |
| CP-G 100-5600/A/BAQE/37 | 341 | 400 | 204 | 174 | 230 | 100 | 100 | 180 | 220 | 18 | | 1480 | 140 | 35 | 550 | 275 | 275 | M16 | 900 | 550 | 1060 | 0,525 | 243,1 |
| CP-G 100-6300/A/BAQE/45 | 360 | 463 | 204 | 174 | 230 | 100 | 100 | 180 | 220 | 18 | | 1530 | 140 | 35 | 550 | 275 | 275 | M16 | 900 | 550 | 1060 | 0,525 | 276 |
| CP-G 100-8300/A/BAQE/55 | 390 | 516 | 293 | 252 | 230 | 100 | 100 | 180 | 220 | 18 | | 1645 | 175 | 35 | 670 | 335 | 335 | M16 | 900 | 550 | 1060 | 0,525 | 178,6 |

CP/CP-G/DCP/DCP-G

IN-LINE PUMPS

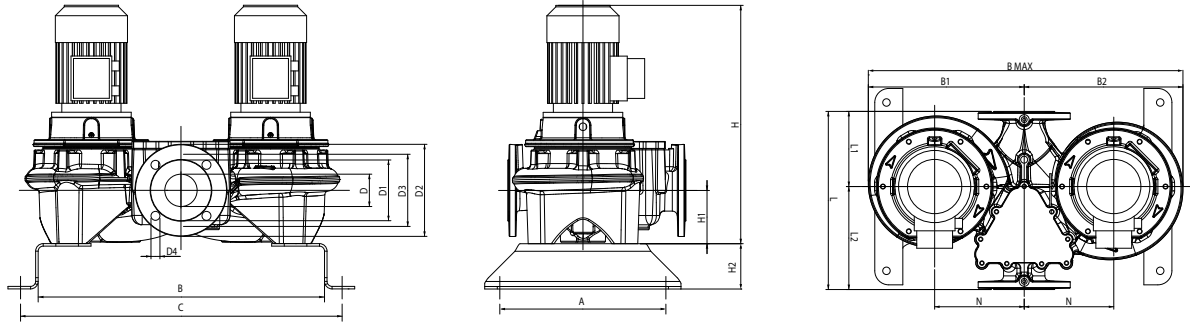
DCP



| MODEL | L | L1 | L2 | B | B1 | B2 | H | H1 | N | D | D1 | D2 | D3 | D4 | PACKING DIMENSIONS | | | VOLUME | WEIGHT Kg |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-----|-----|-----|-----------------|--------------------|-----|-----|--------|--------------|
| | | | | | | | | | | | | | | | L/A | L/B | H | | |
| DCP 40/1650 T | 340 | 130 | 210 | 397 | 200 | 197 | 425 | 100 | 100 | 40 PN6 | 102 | 125 | 165 | 4 holes Ø 18 | 520 | 320 | 535 | 0,06 | 50 |
| DCP 40/2050 T | 340 | 130 | 210 | 397 | 200 | 197 | 445 | 100 | 100 | 40 PN6 | 122 | 145 | 185 | | 520 | 320 | 535 | 0,06 | 52 |
| DCP 40/2450 T | 340 | 130 | 210 | 397 | 200 | 197 | 445 | 100 | 100 | 40 PN6 | 122 | 145 | 185 | | 520 | 320 | 535 | 0,06 | 54 |
| DCP 50/1550 T | 365 | 145 | 220 | 427 | 217 | 210 | 455 | 110 | 105 | 50 PN10 | 102 | 125 | 165 | 4 holes Ø 18 | 520 | 320 | 535 | 0,07 | 56 |
| DCP 50/1900 T | 365 | 145 | 220 | 427 | 217 | 210 | 455 | 110 | 105 | 50 PN10 | 102 | 125 | 165 | | 520 | 320 | 535 | 0,07 | 58 |
| DCP 50/2450 T | 365 | 145 | 220 | 427 | 217 | 210 | 455 | 110 | 105 | 50 PN10 | 102 | 125 | 165 | | 520 | 320 | 535 | 0,07 | 66 |
| DCP 50/3000 T | 365 | 145 | 220 | 480 | 217 | 210 | 495 | 110 | 105 | 50 PN10 | 102 | 125 | 165 | | 580 | 360 | 585 | 0,09 | 56 |
| DCP 50/3650 T | 410 | 170 | 240 | 480 | 245 | 235 | 535 | 110 | 120 | 50 PN10 | 102 | 125 | 165 | | 580 | 360 | 585 | 0,11 | 86 |

CP/CP-G/DCP/DCP-G IN-LINE PUMPS

DCP-G



| MODEL | A | B | C | B1 | B2 | B max | D | D1 | D2 | D3 | D4 | n° holes | H | H1 | H2 | L | L1 | L2 | M | N | PACKING DIMENSIONS | | | VOL. (mc) | WEIGHT Kg |
|----------------------------|-----|-----|-----|-----|-----|-------|-----|-----|-----|-----|----|----------|------|-----|-----|-----|-----|-----|-----|-----|--------------------|------|------|-----------|-----------|
| | | | | | | | | | | | | | | | | | | | | | L/A | L/B | H | | |
| DCP-G 65-2280/A/BAQE/3 | 330 | 569 | 639 | 315 | 320 | 635 | 65 | 122 | 185 | 145 | 18 | 4 | 632 | 107 | 100 | 358 | 151 | 207 | M16 | 180 | 358 | 635 | 632 | 0,14 | 186 |
| DCP-G 65-2640/A/BAQE/4 | 330 | 569 | 639 | 315 | 320 | 635 | 65 | 122 | 185 | 145 | 18 | | 647 | 107 | 100 | 358 | 151 | 207 | M16 | 180 | 358 | 635 | 647 | 0,15 | 199 |
| DCP-G 65-3400/A/BAQE/5,5 | 330 | 569 | 639 | 324 | 329 | 635 | 65 | 122 | 185 | 145 | 18 | | 736 | 107 | 100 | 358 | 151 | 207 | M16 | 180 | 358 | 635 | 736 | 0,17 | 265 |
| DCP-G 65-4100/A/BAQE/7,5 | 330 | 569 | 639 | 324 | 329 | 653 | 65 | 122 | 185 | 145 | 18 | | 783 | 107 | 100 | 358 | 151 | 207 | M17 | 180 | 358 | 653 | 736 | 0,17 | 248 |
| DCP-G 65-4700/A/BAQE/11 | 330 | 649 | 719 | 389 | 397 | 786 | 65 | 122 | 185 | 145 | 18 | | 895 | 125 | 100 | 475 | 177 | 298 | M16 | 220 | 475 | 786 | 895 | 0,33 | 388 |
| DCP-G 65-5500/A/BAQE/15 | 330 | 649 | 719 | 389 | 397 | 786 | 65 | 122 | 185 | 145 | 18 | | 895 | 125 | 100 | 475 | 177 | 298 | M16 | 220 | 475 | 786 | 895 | 0,33 | 420 |
| DCP-G 65-6150/A/BAQE/18,5 | 330 | 649 | 719 | 389 | 397 | 786 | 65 | 122 | 185 | 145 | 18 | | 939 | 125 | 100 | 475 | 177 | 298 | M16 | 220 | 475 | 786 | 950 | 0,35 | 450 |
| DCP-G 65-7350/A/BAQE/22 | 330 | 649 | 719 | 389 | 397 | 786 | 65 | 122 | 185 | 145 | 18 | | 970 | 125 | 100 | 475 | 177 | 298 | M16 | 220 | 475 | 786 | 970 | 0,36 | 521 |
| DCP-G 65-9250/A/BAQE/30 | 330 | 649 | 719 | 414 | 422 | 836 | 65 | 122 | 185 | 145 | 18 | | 1000 | 125 | 100 | 475 | 177 | 298 | M16 | 220 | 475 | 836 | 990 | 0,39 | 745 |
| DCP-G 65-10500/A/BAQE/37 | 330 | 649 | 719 | 414 | 422 | 836 | 65 | 122 | 185 | 145 | 18 | | 1360 | 125 | 100 | 475 | 177 | 298 | M16 | 220 | 475 | 836 | 1360 | 0,54 | 824 |
| DCP-G 80-2050/A/BAQE/4 | 330 | 580 | 650 | 305 | 310 | 615 | 80 | 137 | 200 | 160 | 18 | 8 | 659 | 115 | 100 | 360 | 165 | 195 | M16 | 180 | 360 | 615 | 659 | 0,15 | 188 |
| DCP-G 80-2400/A/BAQE/5,5 | 330 | 580 | 650 | 327 | 332 | 659 | 80 | 137 | 200 | 160 | 18 | | 748 | 115 | 100 | 360 | 165 | 195 | M16 | 180 | 360 | 659 | 748 | 0,18 | 257 |
| DCP-G 80-2770/A/BAQE/7,5 | 330 | 620 | 690 | 355 | 365 | 720 | 80 | 137 | 200 | 160 | 18 | | 795 | 115 | 100 | 440 | 165 | 195 | M16 | 180 | 440 | 720 | 748 | 0,24 | 150 |
| DCP-G 80-3250/A/BAQE/11 | 330 | 620 | 690 | 344 | 374 | 738 | 80 | 137 | 200 | 160 | 18 | | 893 | 115 | 100 | 440 | 165 | 195 | M16 | 180 | 440 | 738 | 893 | 0,29 | 169 |
| DCP-G 80-4000/A/BAQE/15 | 330 | 620 | 690 | 344 | 374 | 738 | 80 | 137 | 200 | 160 | 18 | | 893 | 115 | 100 | 440 | 165 | 195 | M16 | 180 | 440 | 738 | 893 | 0,29 | 175 |
| DCP-G 80-4800/A/BAQE/18,5 | 362 | 662 | 732 | 405 | 415 | 820 | 80 | 137 | 200 | 160 | 18 | | 948 | 115 | 100 | 500 | 180 | 260 | M16 | 200 | 500 | 820 | 948 | 0,39 | 249,7 |
| DCP-G 80-5300/A/BAQE/22 | 362 | 662 | 732 | 405 | 415 | 820 | 80 | 137 | 200 | 160 | 18 | | 968 | 115 | 100 | 500 | 180 | 260 | M16 | 200 | 500 | 820 | 968 | 0,40 | 388,3 |
| DCP-G 80-6530/A/BAQE/30 | 362 | 662 | 732 | 426 | 394 | 862 | 80 | 137 | 200 | 160 | 18 | | 1050 | 115 | 100 | 500 | 180 | 260 | M16 | 200 | 500 | 862 | 1050 | 0,45 | 479,9 |
| DCP-G 80-7650/A/BAQE/37 | 362 | 662 | 732 | 426 | 394 | 862 | 80 | 137 | 200 | 160 | 18 | | 1050 | 115 | 100 | 500 | 180 | 260 | M16 | 200 | 500 | 862 | 1050 | 0,45 | 354,5 |
| DCP-G 80-9600/A/BAQE/45 | 500 | 804 | 924 | 530 | 540 | 1070 | 80 | 137 | 200 | 160 | 18 | | 1096 | 115 | 100 | 620 | 220 | 280 | M16 | 235 | 620 | 1070 | 1091 | 0,72 | 673 |
| DCP-G 80-10200/A/BAQE/55 | 500 | 804 | 924 | 567 | 577 | 1144 | 80 | 137 | 200 | 160 | 18 | 1216 | 115 | 100 | 620 | 220 | 280 | M16 | 235 | 620 | 1144 | 1216 | 0,86 | 939 | |
| DCP-G 100-2350/A/BAQE/7,5 | 362 | 637 | 717 | 335 | 350 | 685 | 80 | 137 | 200 | 160 | 18 | 8 | 822 | 140 | 100 | 500 | 280 | 340 | M16 | 300 | 500 | 685 | 775 | 0,27 | 194 |
| DCP-G 100-2400/A/BAQE/11 | 362 | 733 | 813 | 395 | 410 | 805 | 100 | 156 | 220 | 180 | 18 | | 915 | 140 | 100 | 550 | 191 | 309 | M16 | 200 | 550 | 805 | 915 | 0,41 | 238 |
| DCP-G 100-3050/A/BAQE/15 | 362 | 733 | 813 | 395 | 410 | 805 | 100 | 156 | 220 | 180 | 18 | | 915 | 140 | 100 | 550 | 191 | 309 | M16 | 200 | 550 | 805 | 915 | 0,41 | 313 |
| DCP-G 100-3550/A/BAQE/18,5 | 362 | 733 | 813 | 395 | 410 | 805 | 100 | 156 | 220 | 180 | 18 | | 959 | 140 | 100 | 550 | 191 | 309 | M16 | 200 | 550 | 805 | 970 | 0,43 | 329 |
| DCP-G 100-3850/A/BAQE/22 | 362 | 733 | 813 | 395 | 410 | 805 | 100 | 156 | 220 | 180 | 18 | | 990 | 140 | 100 | 550 | 191 | 309 | M16 | 200 | 550 | 805 | 990 | 0,44 | 402 |
| DCP-G 100-4800/A/BAQE/30 | 362 | 753 | 833 | 440 | 450 | 890 | 100 | 156 | 220 | 180 | 18 | | 1118 | 140 | 100 | 550 | 221 | 329 | M16 | 235 | 550 | 890 | 1108 | 0,54 | 496 |
| DCP-G 100-5600/A/BAQE/37 | 362 | 753 | 833 | 440 | 450 | 890 | 100 | 156 | 220 | 180 | 18 | | 1118 | 140 | 100 | 550 | 221 | 329 | M16 | 235 | 550 | 890 | 1108 | 0,54 | 697 |
| DCP-G 100-6300/A/BAQE/45 | 362 | 753 | 833 | 465 | 475 | 940 | 100 | 156 | 220 | 180 | 18 | | 1103 | 140 | 100 | 550 | 221 | 329 | M16 | 235 | 550 | 940 | 1098 | 0,57 | 1062 |
| DCP-G 100-8300/A/BAQE/55 | 500 | 836 | 956 | 563 | 578 | 1141 | 100 | 156 | 220 | 180 | 18 | | 1256 | 140 | 100 | 670 | 221 | 329 | M16 | 250 | 670 | 1141 | 1256 | 0,96 | 1388 |

Contact our sales network for other voltages and for superior control panels. ED 1,3 M

K-HA

CENTRIFUGAL PRESSURE BOOSTING PUMPS



K-HA single impeller centrifugal pump is designed for water pressure boosting in households, flats (domestic properties) to provide additional pressure to hot and cold water taps and similar outlet points. K-HA centrifugal pump is mainly for use in open vented systems(tanks), but may also be installed directly on the incoming water mains supply to feed a boiler, provided approval has been obtained from the local Water Company. The pump is supplied with a 0,3 meter power cable.

Operating range

up to 4,2 m³/h with head up to 22m.

Liquid quality requirements clean, free from solids or abrasive substances, non viscous, non aggressive, non crystallized, chemically neutral, close to the characteristics of water.

Liquid temperature range from 0°C to +100 °C

Ambient temperature from -10°C to +55 °C

Environment humidity ≤ 95%

Maximum operating pressure

4 bar (35° C liquid temperature)

2 bar (65° C liquid temperature)

Minimum automatic (flow switch) operating pressure

0,5 mwc

Minimum automatic (flow switch) operating flow

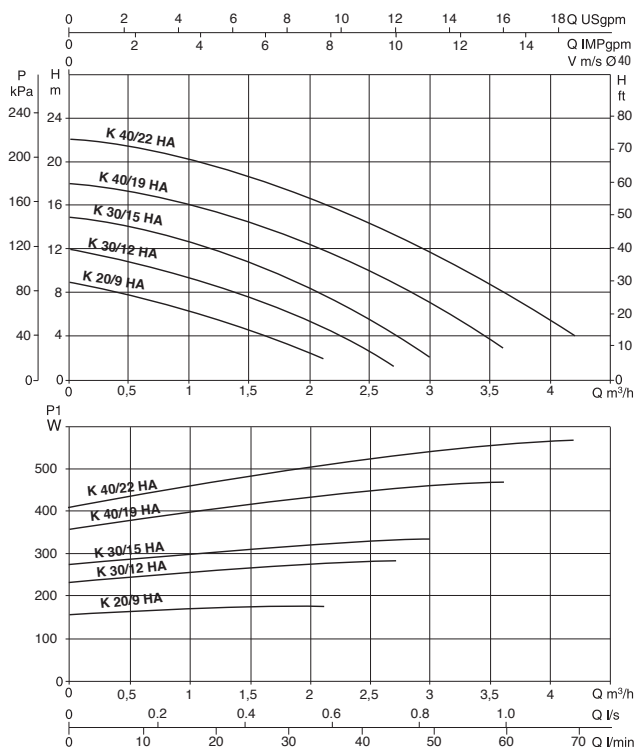
2,5 l/min

Only for markets outside the EU (EXCEPT RUSSIA). For more information contact our sales network.

TECHNICAL DATA - K-HA

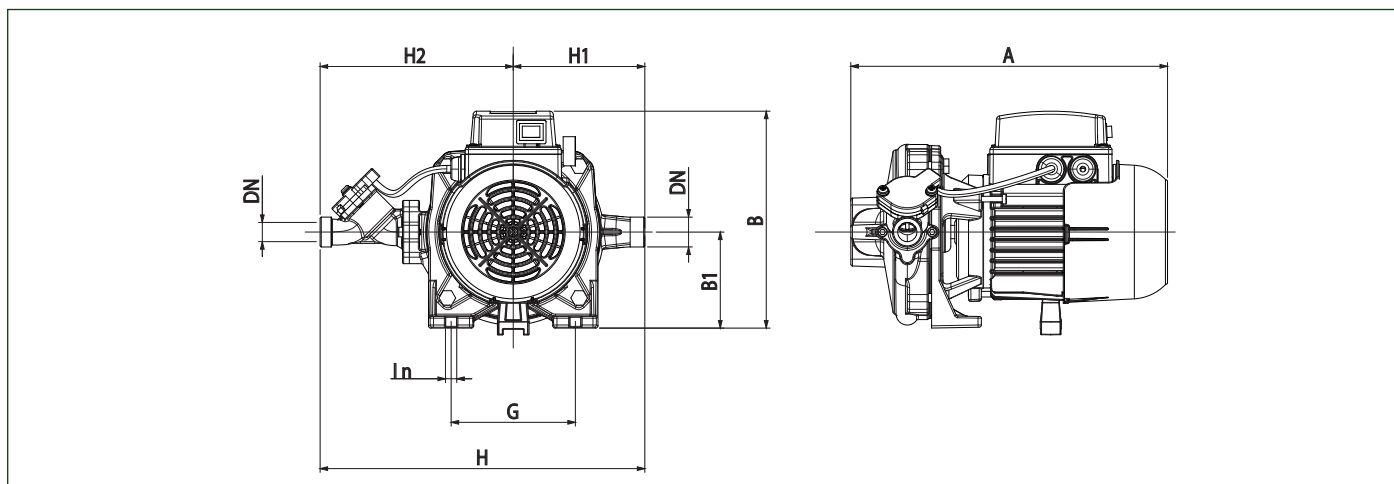
| MODEL | VOLTAGE | P1 MAX kW | P2 NOMINAL | | HOSE DIAMETER (mm) | MAXIMUM FLOW RATE (m ³ /h) | MAXIMUM HEAD (m) |
|------------------------|-------------|--------------|------------|------|--------------------------|---|------------------------|
| | | | KW | HP | | | |
| K20/9HA 60HZ/230V NPT | 220V - 230V | 170 | 0,09 | 0,12 | ø 16 mm | 2,10 | 9 |
| K30/12HA 60HZ/230V NPT | 220V - 230V | 301 | 0,12 | 0,16 | ø 16 mm | 2,40 | 12 |
| K30/15HA 60HZ/230V NPT | 220V - 230V | 380 | 0,18 | 0,25 | ø 16 mm | 3,00 | 15 |
| K40/19HA 60HZ/230V NPT | 220V - 230V | 450 | 0,25 | 0,34 | ø 16 mm | 3,60 | 18 |
| K40/22HA 60HZ/230V NPT | 220V - 230V | 598 | 0,37 | 0,5 | ø 16 mm | 4,20 | 22 |
| K20/9HA 60HZ/115V NPT | 115V - 127V | 190 | 0,09 | 0,12 | ø 16 mm | 2,10 | 9 |
| K30/12HA 60HZ/115V NPT | 115V - 127V | 340 | 0,12 | 0,16 | ø 16 mm | 2,40 | 12 |
| K30/15HA 60HZ/115V NPT | 115V - 127V | 410 | 0,18 | 0,25 | ø 16 mm | 3,00 | 15 |
| K40/19HA 60HZ/115V NPT | 115V - 127V | 450 | 0,25 | 0,34 | ø 16 mm | 3,60 | 18 |
| K40/22HA 60HZ/115V NPT | 115V - 127V | 561 | 0,37 | 0,5 | ø 16 mm | 4,20 | 22 |

K-HA *



*Preliminary data

DIMENSIONS AND WEIGHTS



| MODEL | A | B | B1 | DN | G | H | H1 | H2 | I Ø | WEIGHT Kg |
|------------|-------|-----|----|------|-----|-------|-------|-----|-----|-----------|
| K 20/9 HA | 253 | 172 | 65 | G ¾" | 70 | 231 | 83 | 148 | 8 | 5,4 |
| K 30/12 HA | 282 | 192 | 85 | G ¾" | 110 | 287,5 | 116,5 | 171 | 9,5 | 7,9 |
| K 30/15 HA | 282 | 192 | 85 | G ¾" | 110 | 287,5 | 116,5 | 171 | 9,5 | 7,9 |
| K 40/19 HA | 280,5 | 192 | 85 | G ¾" | 110 | 287,5 | 116,5 | 171 | 9,5 | 8,9 |
| K 40/22 HA | 280,5 | 192 | 85 | G ¾" | 110 | 287,5 | 116,5 | 171 | 9,5 | 8,9 |



Ebox plus D



Ebox basic

Ebox plus is an electronic control panel for the protection and automatic operation of one or two submersible pumps or pressurizing both single-phase and three-phase, installed in domestic, civil and industrial environments.

Ebox basic is an electronic control panel for the protection and automatic operation of one or two electronic submersible pumps or single-phase pressurization for domestic applications.

Nominal tension of power supply

Ebox plus 1x 230 V / 3 x 230 V - 3 x 400 V (automatic selection)

Ebox basic 1x 230 V

Frequency 50 - 60 Hz

Maximum use of power

Ebox plus 5,5 kWatt + 5,5 kWatt

Ebox basic 2,2 kWatt + 2,2 kWatt

Maximum use of current 12 A + 12 A

Starting capacitor

KIT supplied as an accessory

Limits of use ambient temperature

-10° C + 40° C

Limits of storage temperature

-25° C + 55° C

Relative humidity to the air 90% a 20° C

Max altitude max 1000 s.l.m.

Degree of protection IP 55

Reference standard for the construction of the panels EN 60335-1



TECHNICAL DATA

| MODEL | VOLTAGE | STARTING | P2 NOMINAL | | MAX CURRENT A | DISPLAY |
|-----------------------------------|-----------|----------|------------|-------|---------------|---------|
| | | | KW X2 | HP x2 | | |
| EBOX BASIC 230/50-60 | 1 X 230 V | DIRECT | 2,2 | 3 | 12+12 | - |
| EBOX PLUS 230-400V/50-60 | 1 X 230 V | DIRECT | 2,2 | 3 | 12+12 | - |
| | 3 X 230 V | | 3 | 4 | | |
| | 3 X 400 V | | 5,5 | 7,5 | | |
| EBOX BASIC D 230/50-60 | 1 X 230 V | DIRECT | 2,2 | 3 | 12+12 | • |
| EBOX PLUS D 230-400V/50-60 | 1 X 230 V | DIRECT | 2,2 | 3 | 12+12 | • |
| | 3 X 230 V | | 3 | 4 | | |
| | 3 X 400 V | | 5,5 | 7,5 | | |

DISPLAY



Thanks to the configuration wizard, installation of display versions is much simpler. Management is also much easier, thanks to the status always being visible and to a range of additional functions, such as the anti-seizing of drainage pumps, the alarm log, the language selection, and the password protected settings.

CIRCULATORS AND IN-LINE PUMPS ACCESSORIES

DCONNECT

COMMAND AND
CONTROL SYSTEMS

CIRCULATORS AND
IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL
AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND
SALT WATER PUMPS

CENTRIFUGAL PUMPS



SUBMERSIBLE PUMPS


SUBMERSIBLE PUMPS
AND SUBMERSIBLE MOTORS

PRESSURE UNITS

ACCESSORIES


CIRCULATORS AND IN-LINE PUMPS


| UNION KIT | DESCRIPTION | MODEL | WEIGHT Kg | Q.TY X BOX |
|--|--|---|-----------|------------|
|  <p>1" F UNION KIT</p> | 1/2" F UNION KIT | EVOSTA 2 40-70/130-1/2 | 0,4 | 24 |
| | | EVOSTA 3 40/130 1/2 - 60/130 1/2 - 80/130 1/2 | | |
| | | EVOSTA 2 20-75/130 SOL (1/2") - EVOSTA 2 20-105/130 (1/2") - EVOSTA 2 30-145/130 SOL (1/2") | | |
| | | VSA 35/130-1/2" - 55/130-1/2" - 65/130-1/2" | | |
| | 3/4" F UNION KIT | EVOSTA 2 40-70/130 - EVOSTA 2 40-70/180 | 0,4 | 24 |
| | | EVOSTA 3 40/130 - 60/130 - 80/130 EVOSTA 3 40/180 - 60/180 - 80/180 | | |
| | | EVOSTA 2 20-75/130 SOL - EVOSTA 2 20-105/130 - EVOSTA 2 30-145/130 SOL - EVOSTA 2 20-75/180 SOL - EVOSTA 2 20-105/180 - EVOSTA 2 30-145/180 SOL | | |
| | | EVOPLUS 40/180 - 60/180 - 80/180 - 110/180 | | |
| | | VSA 35/130 - 55/130 - 65/130 VSA 35/180 - 55/180 - 65/180 | | |
| | 1" F UNION KIT | EVOSTA 2 40-70/130 - EVOSTA 2 40-70/180 | 0,4 | 24 |
| | | EVOSTA 3 40/130 - 60/130 - 80/130 EVOSTA 3 40/180 - 60/180 - 80/180 | | |
| | | EVOSTA 2 20-75/130 SOL - EVOSTA 2 20-105/130 - EVOSTA 2 30-145/130 SOL - EVOSTA 2 20-75/180 SOL - EVOSTA 2 20-105/180 - EVOSTA 2 30-145/180 SOL | | |
| EVOPLUS 40/180 - 60/180 - 80/180 - 110/180 | | | | |
| VSA 35/130 - 55/130 - 65/130 VSA 35/180 - 55/180 - 65/180 | | | | |
| 1" 1/4 F UNION KIT | EVOSTA 3 40/180 X - 60/180 X - 80/180 X | 0,7 | 24 | |
| | EVOPLUS 40/180 X - 60/180 X - 80/180 X - 110/180 X | | | |
| | EVOPLUS 40/180 X - 60/180 X - 80/180 X - 110/180 X | | | |
| | ALME - ALPE | | | |
| | ALM 500 - ALP 2000 | | | |
|  <p>1" 1/4 M UNION KIT</p> | 1" 1/4 M UNION KIT | EVOSTA 2 40-70/130 EVOSTA 2 40-70/180 | 0,4 | 24 |
| | | EVOSTA 3 40/130 - 60/130 - 80/130 EVOSTA 3 40/180 - 60/180 - 80/180 | | |
| | | EVOPLUS 40/180 - 60/180 - 80/180 - 110/180 | | |


| PIPE UNIONS | DESCRIPTION | MODEL | WEIGHT Kg | Q.TY X BOX |
|--|-------------------------------|-------------------------------------|-----------|------------|
|  <p>1" F BRASS UNION KIT</p> | 1/2" F BRASS UNION KIT | EVOSTA 2 SAN EVOPLUS SMALL SAN | 0,4 | 24 |
| | | VS 8/150 - 16/150 - 35/150 - 65/150 | | |
| | | ALM 200 - 800 | | |
| | 3/4" F BRASS UNION KIT | EVOSTA 2 SAN EVOPLUS SMALL SAN | 0,4 | 24 |
| | | VS 8/150 - 16/150 - 35/150 - 65/150 | | |
| | | ALM 200 - 800 | | |
| | 1" F BRASS UNION KIT | EVOSTA 2 SAN EVOPLUS SMALL SAN | 0,4 | 24 |
| | | VS 8/150 - 16/150 - 35/150 - 65/150 | | |
| | | ALM 200 - 800 | | |


ACCESSORIES

CIRCULATORS AND IN-LINE PUMPS

| COPPER KIT UNIONS | DESCRIPTION | MODEL | WEIGHT Kg |
|--|---------------------------------|-------------------------------------|--------------|
|  <p>COPPER UNION KIT TO SOLDER Ø 22</p> | COPPER UNION KIT TO SOLDER Ø 22 | EVOSTA 2 SAN EVOPLUS SMALL SAN | 0,4 |
| | | VS 8/150 - 16/150 - 35/150 - 65/150 | |
| | | ALM 200 - 800 | |
| | COPPER UNION KIT TO SOLDER Ø 28 | EVOSTA 2 SAN EVOPLUS SMALL SAN | 0,4 |
| | | VS 8/150 - 16/150 - 35/150 - 65/150 | |
| | | ALM 200 - 800 | |

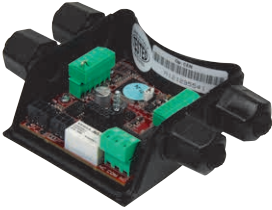
| REDUCTION KIT | DESCRIPTION | MODEL | WEIGHT Kg |
|---|-------------|--|--------------|
|  <p>2" - 1" ½ REDUCTION KIT</p> | | EVOSTA 2 40-70/130 EVOSTA 2 40-70/180 | 0,1 |
| | | EVOSTA 3 40/130 - 60/130 - 80/130 EVOSTA 3 40/180 - 60/180 - 80/180 | |
| | | EVOPLUS 40/180 - 60/180 - 80/180 - 110/180 | |
| | | VA | |

| INSULATION HOUSING KIT | DESCRIPTION | MODEL | WEIGHT Kg |
|---|--------------------------|--|--------------|
|  | INSULATION HOUSING KIT * | EVOSTA 2 (all models) | 0,6 |
| | | EVOSTA 3 (all models) * supplied as standard in the standar version | |
| | INSULATION HOUSING KIT | VSA 130 - 150 - 180 | 0,6 |
| | | VS 130 - 150 - 180 | |
| | | VA 130-150-180 mm. inter | |

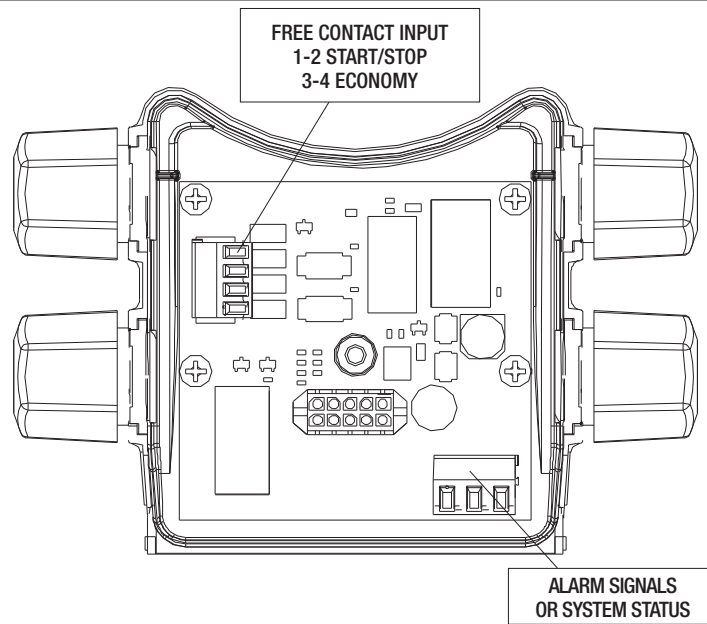
| POWER CONNECTOR | DESCRIPTION | MODEL | WEIGHT Kg |
|---|-------------------------|---------------------------------|--------------|
|  | EVOPLUS POWER CONNECTOR | EVOPLUS SMALL (tutti i modelli) | 0,1 |
| | | EVOSTA 3 ANGULAR CONNECTOR | |

ACCESSORIES

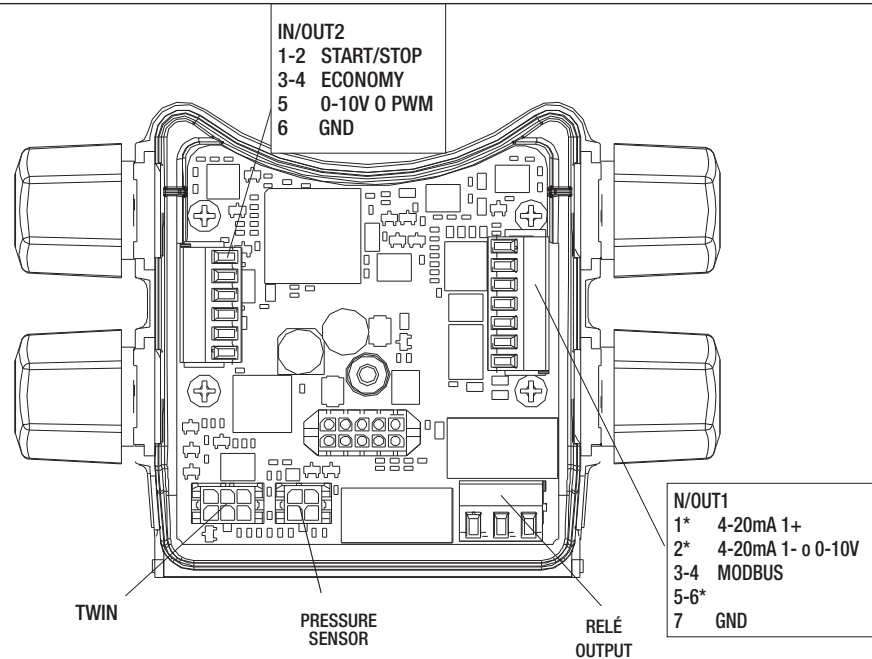
CIRCULATORS AND IN-LINE PUMPS

| REMOTE CONTROL MODULE | DESCRIPTION | MODEL | WEIGHT Kg |
|---|--|---|-----------|
|  EVOPLUS SMALL MULTI-FUNCTION MODULE | EVOPLUS SMALL BASIC MODULE | EVOPLUS SMALL (All models) EVOPLUS SMALL SAN (All models) | 0,5 |
| | EVOPLUS SMALL MULTI-FUNCTION MODULE | EVOPLUS SMALL (All models) EVOPLUS SMALL SAN (All models) Supplied with EvoPlus Small Twin models | 0,5 |
| | LON/MOD BUS CONVERTER MODULE | EVOPLUS SMALL (All models) | 0,5 |
| | | EVOPLUS (All models) | 0,5 |

BASIC MODULE





MULTI-FUNCTION MODULE



ACCESSORIES


CIRCULATORS AND IN-LINE PUMPS


| FLANGE KIT* | DESCRIPTION | MODEL | WEIGHT Kg | | | |
|---|--|--|--|-----|---|-----|
|  <p>FLANGE KIT DN50 PN 10</p> | PN 10 DN 32 FLANGE KIT | EVOPLUS SMALL (All models) EVOPLUS (All models) | 4,7 | | | |
| | DN 32 PN 10 AISI 304 FLANGE KIT | EVOPLUS SMALL SAN (All models) EVOPLUS SAN (All models) | 4,7 | | | |
| | DN40 PN 10 FLANGE KIT | EVOPLUS SMALL (All models) EVOPLUS (All models) | KLPE 40/600 - DKLPE 40/60 KLPE 40/1200 - DKLPE 40/1200 KLM 40/300 - DKLM 40/300 KLP 40/600 - DKLP 40/600 KLP 40/900 - DKLP 40/900 KLP 40/1200 - DKLP 40/1200 B 50/250.40 - B 56/250.40 - B 80/250.40 D 50/250.40 - D 56/250.40 - D 80/250.40 BMH-BPH WITH PUMP COUPLINGS DN 40 | 2,4 | | |
| | | DN 40 PN 10 AISI 304 FLANGE KIT | | | EVOPLUS SMALL SAN (All models) EVOPLUS SAN (All models) | |
| | | DN50 PN 10 FLANGE KIT | | | EVOPLUS (All models) KLME50/600 - DKLME 50/600 KLPE 50/1200 - DKLPE 50/1200 | 3,2 |
| | | | | | KLM 50/300 - DKLM 50/300 KLM 50/600 - DKLM 50/600 KLP 50/900 - DKLP 50/900 KLP 50/1200 - DKLP 50/1200 BMH-BPH WITH PUMP COUPLINGS DN 40 | |
| | DN 50 PN 10 AISI 304 FLANGE KIT | EVOPLUS SAN (All models) EVOPLUS (All models) | 3 | | | |
| |  <p>FLANGE KIT DN 80 PN 16</p> | DN65 PN 10 FLANGE KIT | KLME 65/600 - DKLME 65/600 KLPE 65/1200 - DKLPE 65/1200 KLM 65/300 - DKLM 65/300 KLM 65/600 - DKLM 65/600 KLP 65/900 - DKLP 65/900 KLP 65/1200 - DKLP 65/1200 BMH-BPH WITH PUMP COUPLINGS DN 40 | 4,0 | | |
| | | DN 65 PN 10 AISI 304 FLANGE KIT | EVOPLUS SAN (All models) EVOPLUS (All models) | 4 | | |
| | | DN80 PN 10 FLANGE KIT | EVOPLUS (All models) BPH - DPH (All models) KLME 80/600 - DKLME 80/600 KLPE 80/1200 - DKLPE 80/1200 | 4,8 | | |
| KLM 80/300 - DKLM 80/300 KLM 80/600 - DKLM 80/600 KLP 80/900 - DKLP 80/900 KLP 80/1200 - DKLP 80/1200 BMH-BPH WITH PUMP COUPLINGS DN 40 | | | | | | |
| DN100 PN 10 FLANGE KIT | EVOPLUS (All models) | 4,3 | | | | |
| DN 40 - PN 16 FLANGE KIT | CME 40 - CPE 40 - CM - CP 40 | 5,3 | | | | |
| DN 50 - PN 16 FLANGE KIT | CME 50 - CPE 50 - CM - CP 50 | 6,3 | | | | |
| DN 65 - PN 16 FLANGE KIT | CME 65 - CM-GE 65 - CP-GE 65 - CM 65 - CP 65 | 7,5 | | | | |
| DN 80 PN 16 FLANGE KIT | EVOPLUS (All models) | 9,5 | | | | |
| | CM-GE 80 - CP-GE 80 - CM 80 - CP 80 | | | | | |
| DN 100 PN 16 FLANGE KIT | EVOPLUS (All models) | 10,9 | | | | |
| | CM-GE 100 - CP-GE 100 - CM 100 - CP 100 | | | | | |
| DN 125 - PN 16 FLANGE KIT | CM-GE 125 - CP-GE 125 - CM 125 - CP 125 | 14,5 | | | | |
| DN 150 - PN 16 FLANGE KIT | CM-GE 150 - CP-GE 150 - CM 150 - CP 150 | 18,6 | | | | |

* The counterflange kit comprises: two counterflanges, nuts and bolts.

ACCESSORIES

CIRCULATORS AND IN-LINE PUMPS

| BLANK FLANGE KIT | DESCRIPTION | MODEL | WEIGHT Kg |
|---|--|--|-----------|
|  | BLANK FLANGE KIT | (STD. FEATURE IN THE TWIN VERSION) | - |
| | DN 40 BLANK FLANGE KIT | BMH-BPH (STD. FEATURE IN THE TWIN VERSION) | - |
| | BLANK FLANGE KIT | BMH-BPH (STD. FEATURE IN THE TWIN VERSION) | - |
| | DN32 PN 10 BLANK FLANGE KIT - EVOPLUS S (STD. FEATURE IN THE TWIN VERSION) | EVOPLUS SMALL | 4,7 |
| | DN 32 PN 10 AISI 304 BLANK FLANGE KIT - EVOPLUS M&L (STD. FEATURE IN THE TWIN VERSION) | EVOPLUS MEDIUM & LARGE SAN | 4,7 |

| COMPENSATION KIT (FOR EVOPLUS) | DESCRIPTION | MODEL | WEIGHT Kg |
|--|----------------------------------|---------------------------|-----------|
|  <p>COMPENSATION KIT</p> | COMPENSATION KIT FOR DN40 (30MM) | EVOPLUS (all models DN40) | 2,5 |
| | COMPENSATION KIT FOR DN50 (40MM) | EVOPLUS (all models DN50) | 3,3 |

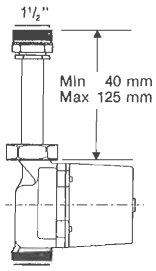
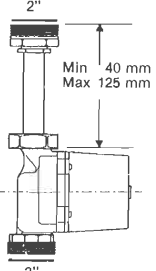
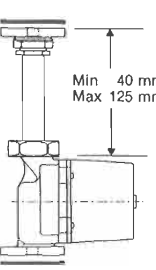
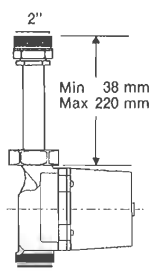


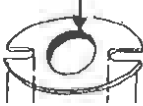
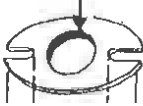
COMPENSATION KIT

Available on request, compensation kit, used to compensate the centre distance difference between old and new models.

| DESCRIPTION | CM old MODEL | | CM new MODEL | | LENGHT |
|-------------|--------------|-----------------|--------------|-----------------|--------|
| | DN | CENTRE DISTANCE | DN | CENTRE DISTANCE | |
| KIT N° 1 | 65 | 475 | 65 | 360 | 115 |
| KIT N° 2 | 80 | 525 | 80 | 360 | 165 |
| KIT N° 3 | | | | 440 | 85 |
| KIT N° 4 | | | | 500 | 25 |
| KIT N° 5 | 100 | 550 | 100 | 500 | 50 |
| KIT N° 6 | | | | 630 | 550 |

ACCESSORIES

CIRCULATORS AND IN-LINE PUMPS

| "QUICK SERVICE" ADAPTION KIT | DESCRIPTION | MODEL |
|---|--|---|
|  | ADAPTATION KIT A - 1 1/2" EXTENSION | EVOSTA 2 40-70/130 - EVOSTA 2 40-70/180 EVOSTA 3 40/130 - EVOSTA 3 60/130 - EVOSTA 3 80/130 EVOSTA 3 40/180 - EVOSTA 3 60/180 - EVOSTA 3 80/180 VA 25/130 - VA 25/180 - VA 35/130 - VA 35/180 - VA 55/130 - VA 55/180 - VA 65/130 - VA 65/180 |
|  | ADAPTATION KIT B - CONVERSION FROM 1 1/2" TO 2" | EVOSTA 2 40-70/130 - EVOSTA 2 40-70/180 EVOSTA 3 40/130 - EVOSTA 3 60/130 - EVOSTA 3 80/130 EVOSTA 3 40/180 - EVOSTA 3 60/180 - EVOSTA 3 80/180 VA 25/130 - VA 25/180 - VA 35/130 - VA 35/180 - VA 55/130 - VA 55/180 - VA 65/130 - VA 65/180 |
|  | ADAPTATION KIT C - CONV. FROM 1 1/2" UNION TO DN 25 - DN 32 FL. | EVOSTA 2 40-70/130 - EVOSTA 2 40-70/180 EVOSTA 3 40/130 - EVOSTA 3 60/130 - EVOSTA 3 80/130 EVOSTA 3 40/180 - EVOSTA 3 60/180 - EVOSTA 3 80/180 |
|  | ADAPTATION KIT D - 2" EXTENSION | EVOSTA 3 40/180X - EVOSTA 3 60/180X - EVOSTA 3 80/180X VA 25/180X - VA 35/180X - VA 55/180X - VA 65/180X |
|  | ADAPTATION KIT E - 2" BRASS ADAPTER | EVOSTA 3 40/180X - EVOSTA 3 60/180X - EVOSTA 3 80/180X VA 25/130 - VA 25/180 - VA 35/130 - VA 35/180 - VA 55/130 - VA 55/180 - VA 65/130 - VA 65/180 VA 25/180X - VA 35/180X - VA 55/180X - VA 65/180X |
|  | ADAPTATION KIT E - 1 1/2" BRASS ADAPTER | EVOSTA 2 40-70/130 - EVOSTA 2 40-70/180 EVOSTA 3 40/130 - EVOSTA 3 60/130 - EVOSTA 3 80/130 EVOSTA 3 40/180 - EVOSTA 3 60/180 - EVOSTA 3 80/180 |
|  | OVAL ADAP. KIT - DN 40 | EVOSTA 2 40-70/130 - EVOSTA 2 40-70/180 EVOSTA 3 40/130 - EVOSTA 3 60/130 - EVOSTA 3 80/130 EVOSTA 3 40/180 - EVOSTA 3 60/180 - EVOSTA 3 80/180 |
|  | OVAL FLANGE KIT - DN 50 | EVOSTA 3 40/180X - EVOSTA 3 60/180X - EVOSTA 3 80/180X VA 25/180X - VA 35/180X - VA 55/180X - VA 65/180X |

THE FUTURE **WAITS FOR NO ONE**



WATER • TECHNOLOGY

PRESSURE UNITS

SUBMERSIBLE PUMPS
AND SUBMERSIBLE MOTORS

SUBMERSIBLE PUMPS

CENTRIFUGAL PUMPS

SWIMMING POOL, POND AND
SALT WATER PUMPS

MULTIUSAGE CENTRIFUGAL
AND SELF-PRIMING PUMPS

CIRCULATORS AND
IN-LINE PUMPS

COMMAND AND
CONTROL SYSTEMS

DCONNECT

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JET - JETINOX - JETCOM
SELF-PRIMING CENTRIFUGAL PUMPS

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BOOSTER SILENT
ON/OFF AUTOMATIC ELECTRONIC BOOSTER SYSTEM

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DP
PUMPS FOR DEEP SUCTION

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ESYBOX MINI³
ELECTRONIC PRESSURISATION SYSTEM

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EURO - EUROINOX - EUROCOM
MULTIUSAGE CENTRIFUGAL PUMPS

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ESYBOX
ELECTRONIC PRESSURISATION SYSTEM

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JET M-P
CENTRIFUGAL PUMPS FITTED

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AQUAJET
SELF-PRIMING AUTOMATIC BOOSTER

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SMART PRESS
ON/OFF CONTROLLER

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ACTIVE SYSTEM
ON/OFF AUTOMATIC ELECTRONIC BOOSTER SYSTEM

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ACCESSORIES

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COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

JET - JETINOX - JETCOM

SELF-PRIMING CENTRIFUGAL PUMPS



Self-priming centrifugal pump with excellent suction capacity even when there are air bubbles. Particularly suitable for water supply in domestic installations, small-scale agriculture, gardening and wherever self-priming operation is necessary.

Jet: cast iron pump body.

Jetinox: stainless steel pump body.

Jetcom: technopolymer pump body.

Motor support in cast iron, technopolymer impeller, diffuser, Venturi tube and sand guard. Stainless steel adjustment rings.

Carbon/ceramic mechanical seal. Asynchronous motor closed and cooled by external ventilation. Built-in thermal and current overload protection and a capacitor permanently on in the single-phase version. For the protection of the three-phase motor it is advisable to use a suitable overload protection complying with the regulations in force.

Operating range two-poles from 0.4 to 10.5 m³/h with head up to 62 metres

Liquid temperature range

from 0°C to +35°C for domestic use
from 0°C to +40°C for other use

Pumped liquid characteristics clean, free from solids or abrasive substances, not viscous, not aggressive, not crystallised and chemically neutral.

Maximum ambient temperature +40°C

Maximum working pressure

6 bar (600 kPa) for Jet and Jetcom
8 bar (800 kPa) for Jetinox

Protection level

IP 44 (IP 55 terminal board protection).

Insulation class F

TECHNICAL DATA - JET

| MODEL | ELECTRICAL DATA | | | | | | |
|-------------------|----------------------------|-----------------|------------|------|-----------|-----------|-----|
| | VOLTAGE 60 Hz | P1 MÁX kW | P2 NOMINAL | | In A | CAPACITOR | |
| | | | kW | HP | | µF | Vc |
| JET 62 M | 1X115 V~ | 0,73 | 0,44 | 0,6 | 6,6 | 40 | 250 |
| JET 62 M | 1X220-230 V~ | 0,7 | 0,44 | 0,6 | 3,8-4 | 10 | 450 |
| JET 62 M 115/230 | 1X115/230 V ~ dual VOLTAGE | 0,75 | 0,33 | 0,6 | 6,53-5,25 | 40 | 450 |
| JET 82 M | 1X115 V~ | 0,9 | 0,59 | 0,8 | 8 | 50 | 250 |
| JET 82 M | 1X220-230 V~ | 0,88 | 0,59 | 0,8 | 3,7-3,9 | 12,5 | 450 |
| JET 82 M 115/230 | 1X115/230 V ~ dual VOLTAGE | 0,93 | 0,5 | 0,8 | 8,21-4,22 | 50 | 450 |
| JET 82 T | 3X220-277/380-480 V ~ | 0,88 | 0,6 | 0,8 | 2,2-1,27 | - | - |
| JET 102 M | 1X115 V~ | 1,1 | 1 | 1,5 | 9,7 | 50 | 250 |
| JET 102 M | 1X220-230 V~ | 1,1 | 1 | 1,5 | 5-4,9 | 12,5 | 450 |
| JET 102 M 115/230 | 1X115/230 V ~ dual VOLTAGE | 1,12 | 0,75 | 1 | 10,3-5,25 | 50 | 450 |
| JET 102 T | 3X220-277/380-480 V max~ | 1,07 | 0,75 | 1 | 2,6-1,5 | - | - |
| JET 112 M | 1X115 V~ | 1,38 | 1 | 1,36 | 13,9 | 80 | 250 |
| JET 112 M | 1X220-230 V~ | 1,39 | 1 | 1,36 | 6,7-7 | 25 | 450 |
| JET 112 T | 3X220-230/380-480 V ~ | 1,25 | 1 | 1,36 | 3,72-2,15 | - | - |
| JET 92 M | 1X115 V~ | 0,94 | 0,75 | 1 | 8,6 | 55 | 250 |
| JET 92 M | 1X220-230 V~ | 0,95 | 0,75 | 1 | 4,3-4,5 | 14 | 450 |
| JET 92 M 115/230 | 1X115/230 V ~ dual VOLTAGE | 0,95 | 0,75 | 1 | 8,55-4,33 | 50 | 250 |
| JET 132 M | 1X115 V~ | 1,47 | 1 | 1,36 | 13,4 | 80 | 250 |
| JET 132 M | 1X220-230 V~ | 1,45 | 1 | 1,36 | 7,2-7,6 | 25 | 450 |
| JET 132 M 115/230 | 1X115/230 V ~ dual VOLTAGE | 1,57 | 1 | 1,36 | 14,7-7,52 | 80 | 450 |
| JET 132 T | 3X220-230/380-480 V ~ | 1,3 | 1 | 1,36 | 4,13-2,37 | - | - |

JET - JETINOX - JETCOM

SELF-PRIMING CENTRIFUGAL PUMPS

TECHNICAL DATA - JETINOX

| MODEL | ELECTRICAL DATA | | | | | | |
|-----------------------|----------------------------|-----------------|------------|------|-----------|-----------|-----|
| | VOLTAGE 60 Hz | P1 MÁX kW | P2 NOMINAL | | In A | CAPACITOR | |
| | | | kW | HP | | µF | Vc |
| JETINOX 82 M | 1X115 V~ | 0,73 | 0,6 | 0,8 | 6,6 | 50 | 250 |
| JETINOX 82 M | 1X220-230 V~ | 0,7 | 0,6 | 0,8 | 3,8-4 | 12,5 | 450 |
| JETINOX 82 M 115/230 | 1X115/230 V ~ dual VOLTAGE | 0,93 | 0,5 | 0,8 | 8,21-4,22 | 50 | 450 |
| JETINOX 82 T | 3X220-230/380-480 V ~ | 0,8 | 0,8 | 1,1 | 2,42-1,40 | - | - |
| JETINOX 102 M | 1X115 V~ | 1,1 | 0,75 | 1 | 9,7 | 50 | 250 |
| JETINOX 102 M | 1X220-230 V~ | 1,1 | 0,75 | 1 | 5-4,9 | 12,5 | 450 |
| JETINOX 102 M 115/230 | 1X115/230 V ~ dual VOLTAGE | 1,12 | 0,75 | 1 | 10,3-5,25 | 50 | 450 |
| JETINOX 102 T | 3X220-230/380-480 V ~ | 0,96 | 0,75 | 1 | 9,7 | 65 | 250 |
| JETINOX 112 M | 1X115 V~ | 1,38 | 1 | 1,36 | 12,7 | 80 | 250 |
| JETINOX 112 M | 1X220-230 V~ | 1,39 | 1 | 1,36 | 6-6,3 | 25 | 450 |
| JETINOX 112 T | 3X220-230/380-480 V ~ | 1,25 | 1 | 1,36 | 3,7-2,15 | - | - |
| JETINOX 92 M | 1X115 V~ | 0,94 | 0,75 | 1 | 8,6 | 55 | 250 |
| JETINOX 92 M | 1X220-230 V~ | 0,95 | 0,75 | 1 | 4,3-4,5 | 14 | 450 |
| JETINOX 92 M 115/230 | 1X115/230 V ~ dual VOLTAGE | 0,95 | 0,75 | 1 | 8,55-4,33 | 50 | 250 |
| JETINOX 132 M | 1X115 V~ | 1,47 | 1 | 1,36 | 13,4 | 80 | 250 |
| JETINOX 132 M | 1X220-230 V~ | 1,47 | 1 | 1,36 | 6,9-6,8 | 25 | 450 |
| JETINOX 132 M 115/230 | 1X115/230 V ~ dual VOLTAGE | 1,57 | 1 | 1,36 | 14,7-7,52 | 80 | 450 |
| JETINOX 132 T | 3X220-230/380-480 V ~ | 1,43 | 1 | 1,36 | 4,13-2,37 | - | - |

TECHNICAL DATA - JETCOM

| MODEL | ELECTRICAL DATA | | | | | | |
|----------------------|----------------------------|-----------------|------------|------|-----------|-----------|-----|
| | VOLTAGE 60 Hz | P1 MÁX kW | P2 NOMINAL | | In A | CAPACITOR | |
| | | | kW | HP | | µF | Vc |
| JETCOM 62 M | 1X115 V~ | 0,73 | 0,45 | 0,6 | 6,6 | 40 | 250 |
| JETCOM 62 M | 1X220-230 V~ | 0,7 | 0,45 | 0,6 | 3,8-4 | 10 | 450 |
| JETCOM 62 M 115/230 | 1X115/230 V ~ dual VOLTAGE | 0,75 | 0,33 | 0,6 | 6,53-5,25 | 40 | 450 |
| JETCOM 82 M | 1X115 V~ | 0,9 | 0,6 | 0,8 | 8 | 50 | 250 |
| JETCOM 82 M | 1X220-230 V~ | 0,88 | 0,6 | 0,8 | 3,7-3,9 | 12,5 | 450 |
| JETCOM 82 M 115/230 | 1X115/230 V ~ dual VOLTAGE | 0,93 | 0,5 | 0,8 | 8,21-4,22 | 50 | 450 |
| JETCOM 102 M | 1X115 V~ | 1,1 | 0,75 | 1 | 9,7 | 50 | 250 |
| JETCOM 102 M | 1X220-230 V~ | 1,1 | 0,75 | 1 | 5-4,9 | 12,5 | 450 |
| JETCOM 102 M 115/230 | 1X115/230 V ~ dual VOLTAGE | 1,12 | 0,75 | 1 | 10,3-5,25 | 50 | 450 |
| JETCOM 102 T | 3X220-230/380-480 V ~ | 0,96 | 0,75 | 1 | 2,93-1,71 | - | - |
| JETCOM 92 M | 1X115 V~ | 0,94 | 0,75 | 1 | 8,6 | 55 | 250 |
| JETCOM 92 M | 1X220-230 V~ | 0,95 | 0,75 | 1 | 4,3-4,5 | 14 | 450 |
| JETCOM 132 M | 1X115 V~ | 1,47 | 1 | 1,36 | 13,4 | 80 | 250 |
| JETCOM 132 M | 1X220-230 V~ | 1,45 | 1 | 1,36 | 7,2-7,6 | 25 | 450 |
| JETCOM 132 M 115/230 | 1X115/230 V ~ dual VOLTAGE | 1,57 | 1 | 1,36 | 14,7-7,52 | 80 | 450 |
| JETCOM 132 T | 3X220-230/380-480 V ~ | 1,3 | 1 | 1,36 | 4,13-2,37 | - | - |

JET - JETINOX - JETCOM

SELF-PRIMING CENTRIFUGAL PUMPS



JET 151-251

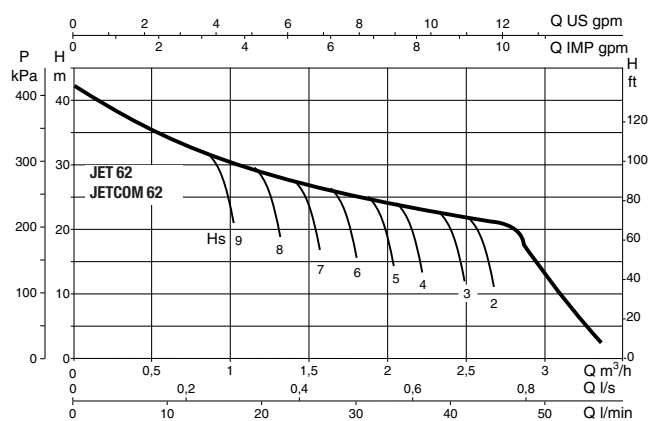


JET 200-300

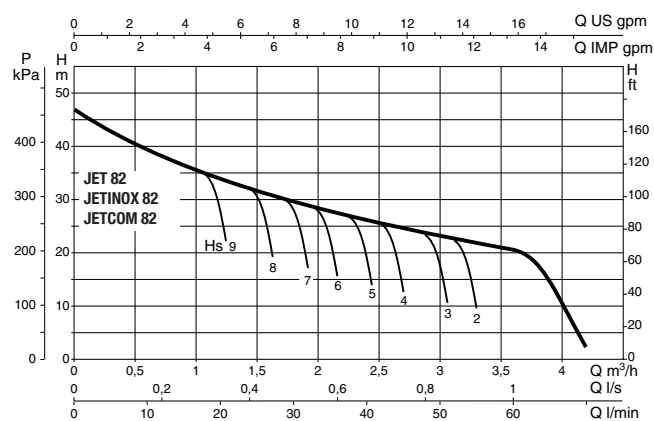
TECHNICAL DATA - JET 200...251

| MODEL | ELECTRICAL DATA | | | | | | |
|-----------|-----------------------|-----------------|------------|-----|---------|-----------|-----|
| | VOLTAGE 60 Hz | P1 MÁX kW | P2 NOMINAL | | In A | CAPACITOR | |
| | | | kW | HP | | μF | Vc |
| JET 200 M | 1X220-230 V~ | 2 | 1,47 | 2 | 9,3-9,7 | 31,5 | 450 |
| JET 200 T | 3X220-277/380-480 V ~ | 1,84 | 1,47 | 2 | 5,2-3 | - | - |
| JET 300 M | 1X220-230 V~ | 2,7 | 2,2 | 3 | 11,5-12 | 40 | 450 |
| JET 300 T | 3X220-277/380-480 V ~ | 2,4 | 2,2 | 3 | 6,2-3,6 | - | - |
| JET 151 M | 1X220-230 V~ | 1,7 | 1,1 | 1,5 | 7,65-8 | 31,5 | 450 |
| JET 151 T | 3X220-277/380-480 V ~ | 1,6 | 1,1 | 1,5 | 5-2,6 | - | - |
| JET 251 M | 1X220-230 V~ | 2,4 | 1,85 | 2,5 | 10,5-11 | 40 | 450 |
| JET 251 T | 3X220-277/380-480 V ~ | 2,2 | 1,85 | 2,5 | 5,9-3,4 | - | - |

JET 62 - JETCOM 62



JET 82 - JETINOX 82 - JETCOM 82



JET - JETINOX - JETCOM

SELF-PRIMING CENTRIFUGAL PUMPS

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

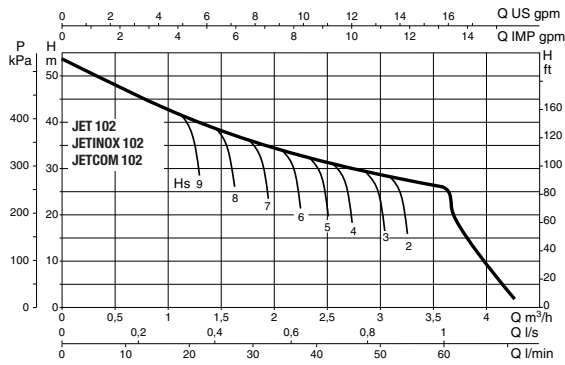
CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

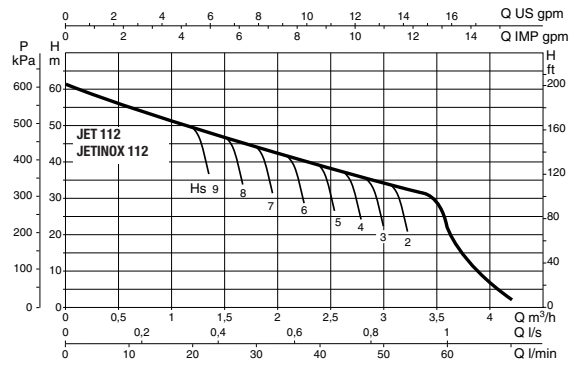
SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

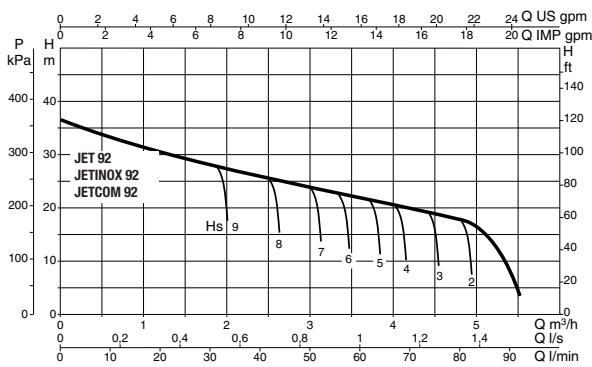
JET 102 - JETINOX 102 - JETCOM 102



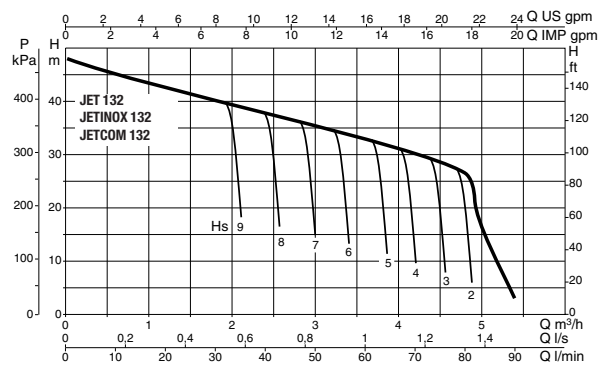
JET 112 - JETINOX 112



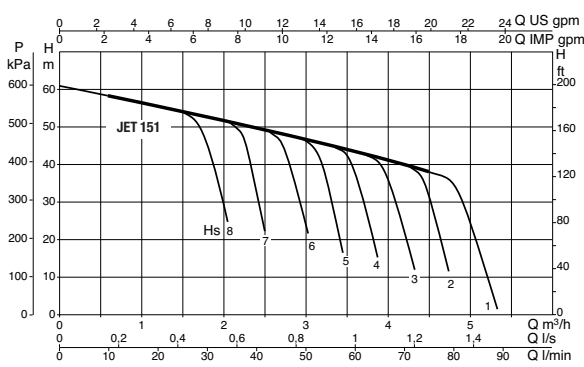
JET 92 - JETINOX 92 - JETCOM 92



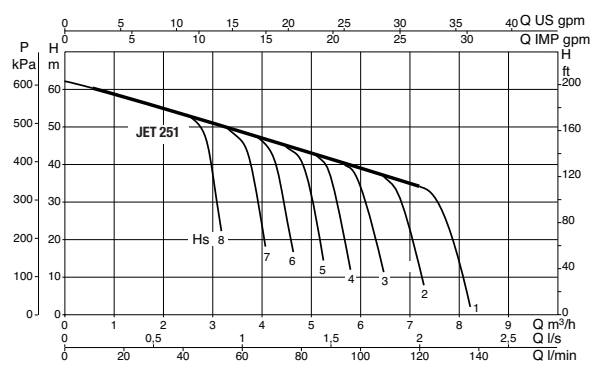
JET 132 - JETINOX 132 - JETCOM 132



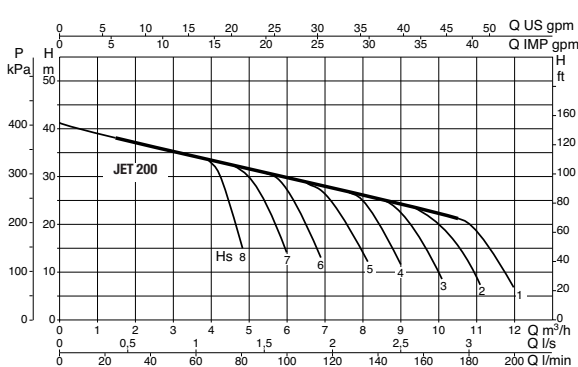
JET 151



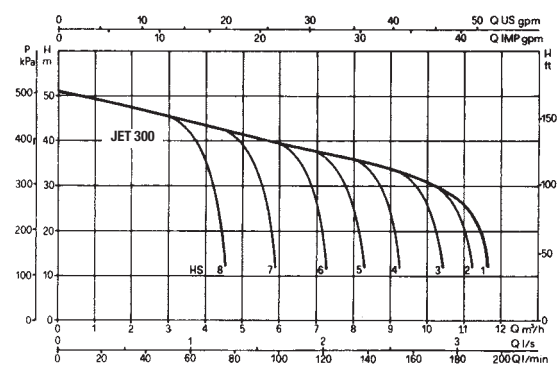
JET 251



JET 200



JET 300



JET - JETINOX - JETCOM

PERFORMANCE RANGE

JET - JETINOX - JETCOM - HOUSEHOLD WATER SUPPLY

| MODEL | P2 NOMINAL | | Q (m ³ /h) (l/min) | 0 | 0,6 | 1,2 | 1,8 | 2,4 | 3,0 | 3,6 | 4,2 | 4,8 | 6 | 7,2 | 9 | 9,6 | 10,5 | |
|-------------------|------------|------|-------------------------------------|------|------|------|------|------|------|------|------|------|------|------|-----|------|------|--|
| | kW | HP | | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 100 | 120 | 150 | 160 | 175 | |
| JET 62 M | 0,44 | 0,6 | H (m) | 42 | 35 | 29,2 | 25,6 | 22,9 | 21,1 | | | | | | | | | |
| JET 82 M - T | 0,6 | 0,8 | | 47 | 40 | 34 | 30 | 26,2 | 23,5 | 20,3 | | | | | | | | |
| JET 102 M - T | 0,75 | 1 | | 53,8 | 47 | 41 | 36,3 | 32,4 | 28,8 | 25,8 | | | | | | | | |
| JET 112 M - T | 1 | 1,36 | | 61 | 54 | 47,8 | 42,8 | 38,8 | 34,8 | 20 | | | | | | | | |
| JET 92 M | 0,75 | 1 | | 36,2 | 33,5 | 31 | 28,4 | 26 | 24 | 21,8 | 19,6 | 17 | | | | | | |
| JET 132 M - T | 1 | 1,36 | | 48,3 | 45,6 | 42,8 | 40 | 37,6 | 35 | 32,5 | 30 | 27,2 | | | | | | |
| JETINOX 82 M - T | 0,6 | 0,8 | | 47 | 40 | 34 | 30 | 26,2 | 23,5 | 20,3 | | | | | | | | |
| JETINOX 102 M - T | 0,75 | 1 | | 53,8 | 47 | 41 | 36,3 | 32,4 | 28,8 | 25,8 | | | | | | | | |
| JETINOX 112 M - T | 1 | 1,36 | | 61 | 54 | 47,8 | 42,8 | 38,8 | 34,8 | 20 | | | | | | | | |
| JETINOX 92 M | 0,75 | 1 | | 36,2 | 33,5 | 31 | 28,4 | 26 | 24 | 21,8 | 19,6 | 17,5 | | | | | | |
| JETINOX 132 M - T | 1 | 1,36 | | 48,3 | 45,6 | 42,8 | 40 | 37,6 | 35 | 32,5 | 30 | 27,2 | | | | | | |
| JETCOM 62 M | 0,44 | 0,6 | | 42 | 35 | 29,2 | 25,6 | 22,9 | 13 | | | | | | | | | |
| JETCOM 82 M | 0,6 | 0,8 | | 47 | 40 | 34 | 30 | 26,2 | 23,5 | 20 | | | | | | | | |
| JETCOM 102 M - T | 0,75 | 1 | | 53,8 | 47 | 41 | 36,3 | 32,4 | 28,8 | 25,8 | | | | | | | | |
| JETCOM 92 M | 0,75 | 1 | | 36,2 | 33,5 | 31 | 28,4 | 26 | 24 | 21,8 | 19,6 | 17,5 | | | | | | |
| JETCOM 132 M - T | 1 | 1,36 | | 48,3 | 45,6 | 42,8 | 40 | 37,6 | 35 | 32,5 | 30 | 27,2 | | | | | | |
| JET 151 M - T | 1,1 | 1,5 | | 61 | 58,2 | 56 | 53 | 50 | 46 | 43 | 36 | | | | | | | |
| JET 251 M - T | 1,85 | 2,5 | | 62 | 60 | 58 | 56 | 54 | 51 | 48,5 | 46 | 43,5 | 39 | 34,2 | | | | |
| JET 200 M - T | 1,5 | 2 | | 41 | | | 37,5 | 36,5 | 35,2 | 34 | 33 | 31,8 | 29,5 | 27,2 | 24 | 22,8 | 21,3 | |
| JET 300 M - T | 2,7 | 2,2 | | 51 | | | 48 | 47 | 46 | 44,5 | 43 | 42 | 40 | 37 | 33 | 32 | 29 | |

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

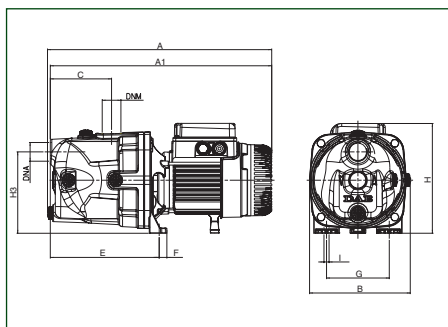
PRESSURE UNITS

JET - JETINOX - JETCOM

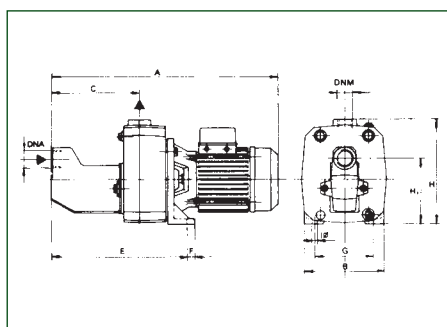
SELF-PRIMING CENTRIFUGAL PUMPS

DIMENSIONS AND WEIGHTS

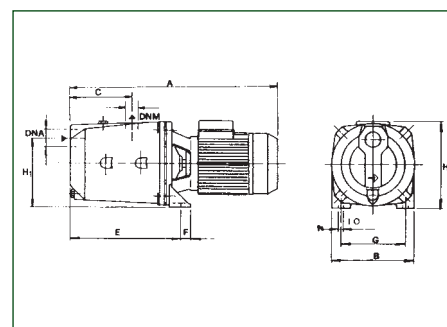
JET 62-82-102-112-92-132



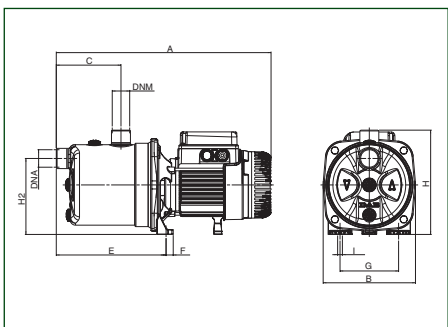
JET 151 - 251



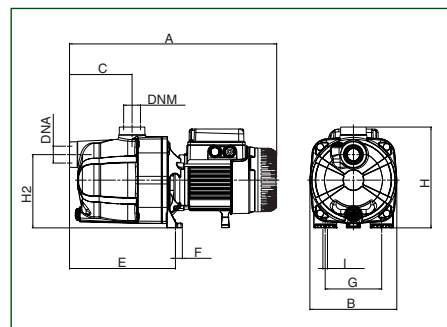
JET 200 - 300



JETINOX



JETCOM



| MODEL | A | A1 | B | C | E | F | G | H | H1 | H3 | I Ø | DNA (NPT) | DNM (NPT) | L/A | L/B | H | WEIGHT Kg | Q.TY x PALLET |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------|-----------|-----|-----|-----|-----------|---------------|
| JET 62 | 395 | 390 | 178 | 108 | 192 | 14 | 111 | 193 | - | 144 | 9 | 1" | 1" | 470 | 240 | 240 | 10,5 | 28 |
| JET 82 | 395 | 395 | 178 | 108 | 192 | 14 | 111 | 193 | - | 144 | 9 | 1" | 1" | 470 | 240 | 240 | 10,7 | 28 |
| JET 102 | 414 | 409 | 178 | 108 | 197 | 14 | 111 | 203 | - | 144 | 9 | 1" | 1" | 470 | 240 | 240 | 12,5 | 28 |
| JET 112 M | 414 | 409 | 178 | 108 | 192 | 14 | 111 | 203 | - | 144 | 9 | 1" | 1" | 470 | 240 | 240 | 13,5 | 28 |
| JET 112 T | 430 | 409 | 178 | 108 | 192 | 14 | 111 | 203 | - | 144 | 9 | 1" | 1" | 470 | 240 | 240 | 13,5 | 28 |
| JET 92 | 395 | 390 | 178 | 108 | 192 | 14 | 111 | 193 | - | 144 | 9 | 1" | 1" | 470 | 240 | 240 | 11,7 | 28 |
| JET 132 M | 414 | 409 | 263 | 108 | 192 | 14 | 111 | 203 | - | 144 | 9 | 1" | 1" | 470 | 240 | 240 | 13,5 | 28 |
| JET 132 T | 430 | 409 | 263 | 108 | 192 | 14 | 111 | 203 | - | 144 | 9 | 1" | 1" | 470 | 240 | 240 | 13,5 | 28 |
| JET 151 | 558 | 210 | 221 | 350 | 20 | 145 | 11 | 255 | 158 | - | - | 1 1/4" | 1" | 612 | 248 | 279 | 31 | 18 |
| JET 251 M | 632 | 210 | 221 | 350 | 20 | 145 | 11 | 255 | 158 | - | - | 1 1/4" | 1" | 657 | 248 | 279 | 35 | 15 |
| JET 251 T | 558 | 210 | 221 | 350 | 20 | 145 | 11 | 255 | 158 | - | - | 1 1/4" | 1" | 657 | 248 | 279 | 30,8 | 18 |
| JET 200 | 521 | 214 | 151 | 282 | 20 | 160 | 11 | 227 | 175 | - | - | 1 1/2" | 1 1/4" | 612 | 248 | 279 | 27,1 | 18 |
| JET 300 M | 595 | 214 | 151 | 282 | 20 | 160 | 11 | 235 | 175 | - | - | 1 1/2" | 1 1/4" | 657 | 248 | 279 | 31,5 | 15 |
| JET 300 T | 596 | 214 | 151 | 282 | 20 | 160 | 11 | 227 | 175 | - | - | 1 1/2" | 1 1/4" | 657 | 248 | 279 | 27 | 15 |
| JETINOX 82 | 406 | 174 | 122 | 207 | 14 | 111 | 197 | - | 144 | 9 | - | 1" | 1" | 470 | 240 | 240 | 7,8 | 28 |
| JETINOX 102 | 424 | 174 | 122 | 207 | 14 | 111 | 197 | - | 144 | 9 | - | 1" | 1" | 470 | 240 | 240 | 9,6 | 28 |
| JETINOX 112 M | 424 | 174 | 122 | 207 | 14 | 111 | 197 | - | 144 | 9 | - | 1" | 1" | 470 | 240 | 240 | 10,6 | 28 |
| JETINOX 112 T | 440 | 174 | 122 | 207 | 14 | 111 | 197 | - | 144 | 9 | - | 1" | 1" | 470 | 240 | 240 | 10,6 | 28 |
| JETINOX 92 | 406 | 174 | 122 | 207 | 14 | 111 | 197 | - | 144 | 9 | - | 1" | 1" | 470 | 240 | 240 | 8,8 | 28 |
| JETINOX 132 M | 424 | 174 | 122 | 207 | 14 | 111 | 197 | - | 144 | 9 | - | 1" | 1" | 470 | 240 | 240 | 10,6 | 28 |
| JETINOX 132 T | 440 | 174 | 122 | 207 | 14 | 111 | 197 | - | 144 | 9 | - | 1" | 1" | 470 | 240 | 240 | 10,6 | 28 |
| JETCOM 62 | 406 | 170 | 122 | 208 | 14 | 111 | 198 | - | 144 | 9 | - | 1" | 1" | 470 | 240 | 240 | 7,5 | 28 |
| JETCOM 82 | 406 | 170 | 122 | 208 | 14 | 111 | 198 | - | 144 | 9 | - | 1" | 1" | 470 | 240 | 240 | 7,7 | 28 |
| JETCOM 102 | 425 | 170 | 122 | 208 | 14 | 111 | 203 | - | 144 | 9 | - | 1" | 1" | 470 | 240 | 240 | 9,5 | 28 |
| JETCOM 92 | 425 | 170 | 122 | 208 | 14 | 111 | 203 | - | 144 | 9 | - | 1" | 1" | 470 | 240 | 240 | 8,7 | 28 |
| JETCOM 132 M | 425 | 170 | 122 | 208 | 14 | 111 | 203 | - | 144 | 9 | - | 1" | 1" | 470 | 240 | 240 | 10,5 | 28 |
| JETCOM 132 T | 441 | 170 | 122 | 208 | 14 | 111 | 203 | - | 144 | 9 | - | 1" | 1" | 470 | 240 | 240 | 10,5 | 28 |



Self-priming centrifugal pump for suction up to 27 metres, reached by means of an ejector. Cast iron pump body and motor support. Technopolymer impeller and diffusers. Stainless steel adjustment rings. Carbon/ceramic mechanical seal. Cast iron ejector body, technopolymer Venturi tube and brass nozzle. Asynchronous motor closed and cooled by external ventilation. Built-in thermal and current overload protection and a capacitor permanently on in the single-phase version. For the protection of the three-phase motor it is advisable to use a suitable overload protection complying with the regulations in force.

Operating range from 0.15 to 4.3 m³/h

Liquid temperature range

from 0°C to +40°C for other uses
from 0°C to +35°C for domestic use

Pumped liquid characteristics clean, free from solids or abrasive substances, not viscous, not aggressive, not crystallised and chemically neutral.

Maximum ambient temperature +40°C

Maximum working pressure

6 bar (600 kPa) for DP 82 - DP 102
8 bar (800 kPa) for DP 151 - DP 251

Protection level IP 44

Insulation class F



DP 82-102



DP 151-251

TECHNICAL DATA

| MODEL | ELECTRICAL DATA | | | | | | |
|------------------|---------------------------|-----------------|------------|-----|------------|-----------|-----|
| | VOLTAGE 60 Hz | P1 MÁX kW | P2 NOMINAL | | In A | CAPACITOR | |
| | | | kW | HP | | µF | Vc |
| DP 82 M | 1x115 V~ | 0,78 | 0,6 | 0,8 | 7,1 | 50 | 250 |
| DP 82 M | 1x220-230 V~ | 0,75 | 0,6 | 0,8 | 3,25-3,4 | 12,5 | 450 |
| DP 82 M 115/230 | 1x115/230 V~ dual VOLTAGE | 0,9 | 0,6 | 0,8 | 7,09-3,61 | 50 | 450 |
| DP 82 T | 3x220-230/380-480 V ~ | 0,88 | 0,6 | 0,8 | 2,2 - 1,27 | - | - |
| DP 102 M | 1x115 V~ | 1,1 | 0,75 | 1 | 10,2 | 50 | 250 |
| DP 102 M | 1x220-230 V~ | 1,1 | 0,75 | 1 | 4,9-5,2 | 12,5 | 450 |
| DP 102 M 115/230 | 1x115/230 V~ dual VOLTAGE | 1,12 | 0,75 | 1 | 9,2-4,67 | 50 | 450 |
| DP 102 T | 3x220-230/380-400 V~ | 0,98 | 0,75 | 1 | 3,11-1,8 | - | - |
| DP 151 M | 1x220-230 V~ | 1,7 | 1,1 | 1,5 | 7,6 | 31,5 | 450 |
| DP 151 T | 3x220-230/380-400 V~ | 1,68 | 1,1 | 1,5 | 4,8-2,8 | - | - |
| DP 251 M | 1x220-230 V~ | 1,9 | 1,82 | 2,5 | 8,5 | 40 | 450 |
| DP 251 T | 3x220-230/380-400 V~ | 1,8 | 2,5 | 2,5 | 6,2-3,6 | - | - |

| HYDRAULIC DATA (n ≈ 2800 r.p.m.) | | | | | | | | | | | | | | | | | |
|----------------------------------|------------|-----|--------------|---------------|---------------------------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|
| MODEL | P2 NOMINAL | | EJECTOR TYPE | SUCTION DEPTH | Discharge pressure in bar | | | | | | | | | | | | |
| | kW | HP | | | 1,5 | 2 | 2,5 | 3 | 3,5 | 4 | 4,5 | 5 | 5,5 | 6 | 6,5 | 7 | |
| | | | | | Flow rate table in l/h | | | | | | | | | | | | |
| DP 82 M - T | 0,6 | 0,8 | E 25 | 9 | 1813 | 1080 | 446 | 33 | - | - | - | - | - | - | - | - | |
| | | | | 12 | 1426 | 225 | - | - | - | - | - | - | - | - | - | - | |
| | | | | 15 | 900 | 326 | - | - | - | - | - | - | - | - | - | - | |
| | | | E 30 | 9 | 1753 | 1286 | 812 | 524 | 261 | 12 | - | - | - | - | - | - | - |
| | | | | 12 | 1345 | 965 | 608 | 329 | 162 | 0 | - | - | - | - | - | - | - |
| | | | | 15 | 1166 | 761 | 452 | 228 | 45 | - | - | - | - | - | - | - | - |
| DP 102 M - T | 0,75 | 1 | E 25 | 9 | 2386 | 1756 | 1097 | 515 | 126 | - | - | - | - | - | - | - | |
| | | | | 12 | 1930 | 1190 | 536 | 87 | - | - | - | - | - | - | - | - | |
| | | | | 15 | 1459 | 773 | 252 | - | - | - | - | - | - | - | - | - | |
| | | | E 30 | 12 | - | 1240 | 872 | 566 | 329 | 156 | - | - | - | - | - | - | - |
| | | | | 15 | - | 1028 | 701 | 449 | 255 | 96 | - | - | - | - | - | - | - |
| | | | | 18 | - | 785 | 527 | 302 | 150 | 15 | - | - | - | - | - | - | - |
| DP 151 M - T | 1,1 | 1,5 | E 20 | 9 | - | - | - | 3470 | 2890 | 2220 | 1500 | 750 | - | - | - | - | |
| | | | | 12 | - | - | - | 3110 | 2510 | 1850 | 1100 | 300 | - | - | - | - | |
| | | | | 15 | - | - | - | 2710 | 2100 | 1380 | 640 | - | - | - | - | - | |
| | | | E 25 | 15 | - | - | - | 2800 | 2330 | 1830 | 1350 | 900 | 520 | - | - | - | - |
| | | | | 18 | - | - | - | 2530 | 2050 | 1550 | 1090 | 680 | 300 | - | - | - | - |
| | | | | 21 | - | - | - | 2280 | 1800 | 1300 | 860 | 470 | - | - | - | - | - |
| E 30 | 21 | - | - | - | 1820 | 1650 | 1410 | 1160 | 910 | 700 | 520 | - | - | - | | | |
| | 24 | - | - | - | 1680 | 1520 | 1260 | 1020 | 780 | 580 | 420 | - | - | - | | | |
| | 27 | - | - | - | 1550 | 1360 | 1110 | 880 | 680 | 490 | 330 | - | - | - | | | |
| DP 251 M - T | 1,85 | 2,5 | E 20 | 9 | - | - | - | 4300 | 3600 | 2900 | 2180 | 1400 | 640 | - | - | - | |
| | | | | 12 | - | - | - | 3750 | 3140 | 2540 | 1700 | 940 | - | - | - | - | |
| | | | | 15 | - | - | - | - | 2780 | 2040 | 1300 | 500 | - | - | - | - | |
| | | | E 25 | 15 | - | - | - | - | 2920 | 2400 | 1900 | 1400 | 950 | 570 | - | - | - |
| | | | | 18 | - | - | - | - | 2600 | 2110 | 1620 | 1150 | 720 | 360 | - | - | - |
| | | | | 21 | - | - | - | - | 2350 | 1850 | 1350 | 900 | 510 | - | - | - | - |
| | | | E 30 | 24 | - | - | - | - | 2050 | 1550 | 1080 | 660 | 300 | - | - | - | - |
| | | | | 21 | - | - | - | - | - | - | 1710 | 1480 | 1220 | 980 | 770 | 590 | 420 |
| | | | | 24 | - | - | - | - | - | - | 1580 | 1330 | 1080 | 850 | 670 | 490 | 330 |
| 27 | - | - | - | - | - | - | 1440 | 1200 | 950 | 750 | 560 | 400 | 250 | | | | |

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

PUMPS

CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

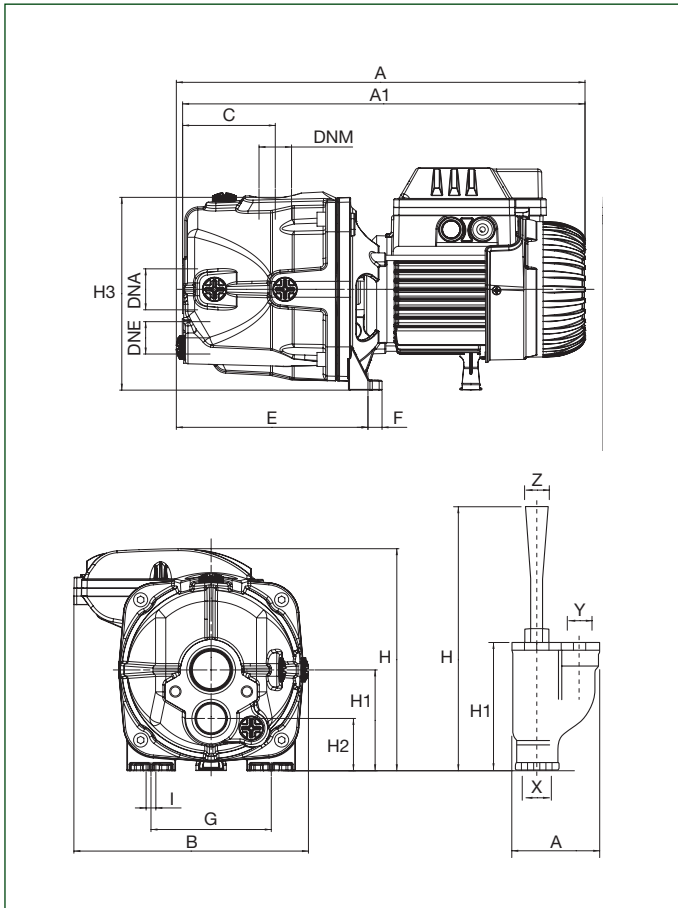
SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

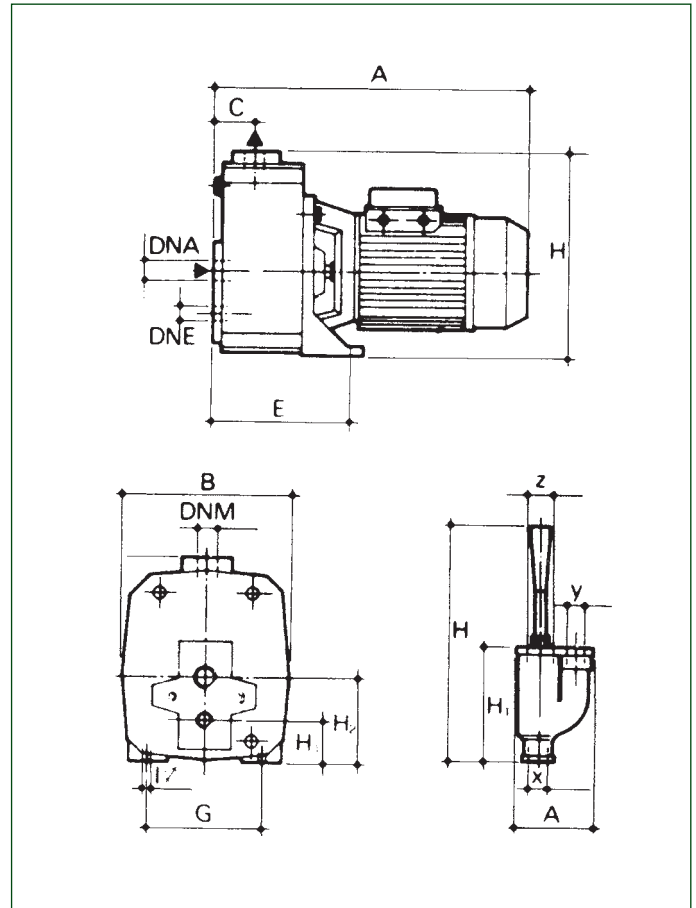
PRESSURE UNITS

DIMENSIONS AND WEIGHTS

DP 82-102

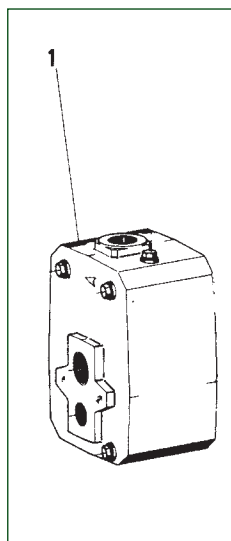
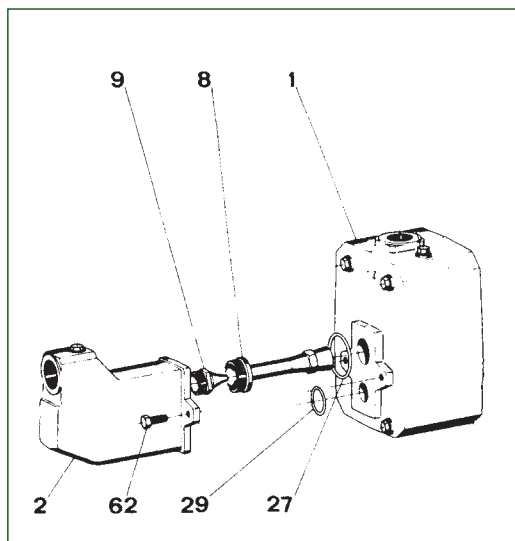


DP 151-251 Transformable



| MODEL | A | A1 | B | C | E | G | I Ø | H | H1 | H2 | H3 | I | DNA (NPT) | DNM (NPT) | DNE (NPT) | EJECTOR | | | | | | PACKING DIMENSIONS | | |
|----------|-----|-----|-----|----|-----|-----|-----|-----|----|-----|-----|---|-----------|-----------|-----------|---------|-----|-----|---------|----|--------|--------------------|-----|-----|
| | | | | | | | | | | | | | | | | A | H | H1 | Ø (NPT) | | | L/A | L/B | H |
| | | | | | | | | | | | | | | | | | | | x | y | z | | | |
| DP 82 | 377 | 371 | 175 | 86 | 177 | 111 | - | 194 | 94 | 49 | 179 | 9 | 1 1/4" | 1" | 1" | 97 | 295 | 143 | 1" | 1" | 1 1/4" | 480 | 240 | 240 |
| DP 102 | 398 | 392 | 175 | 86 | 177 | 111 | - | 203 | 94 | 49 | 179 | 9 | 1 1/4" | 1" | 1" | 97 | 295 | 143 | 1" | 1" | 1 1/4" | 480 | 240 | 240 |
| DP 151 | 388 | - | 210 | 50 | 197 | 145 | 11 | 155 | 52 | 108 | - | - | 1 1/4" | 1" | 1" | 97 | 295 | 143 | 1" | 1" | 1 1/4" | - | - | - |
| DP 251 M | 462 | - | 210 | 50 | 197 | 145 | 11 | 155 | 53 | 108 | - | - | 1 1/4" | 1" | 1" | 97 | 295 | 143 | 1" | 1" | 1 1/4" | - | - | - |
| DP 251 M | 388 | - | 210 | 50 | 197 | 145 | 11 | 155 | 53 | 108 | - | - | 1 1/4" | 1" | 1" | 97 | 295 | 143 | 1" | 1" | 1 1/4" | - | - | - |

INSTRUCTION FOR CONVERSION



Conversion from DP 151-251 to JET 151-251

Screw the nozzle (9) into place on the ejector's body (2) and the Venturi tube (8). Put the O-rings (27) and (29) in their respective places and fix the ejector body (2) to the pump body (1) using the two screws (62).

Conversion from JET 151-251 to DP 151-251

Loosen and remove the two screws (62) connecting the ejector body (2) to the pump body (1). Save the O-rings (27) and (29), the Venturi tube (8) and the nozzle (9).

ACCESSORIES - EJECTORS DP

| MODEL | Q.TY X BOX |
|--------------|------------|
| EJECTOR E 20 | 6 |
| EJECTOR E 25 | 6 |
| EJECTOR E 30 | 6 |



EURO-EUROINOX-EUROCOM

MULTISTAGE CENTRIFUGAL PUMPS



EURO



EUROINOX



EUROCOM



Multistage horizontal centrifugal pump, featuring extremely silent running suitable for domestic use for water supply and pressurisation, irrigation of gardens and vegetable gardens, and moving water in general.

Euro: pump body in 200 UNI ISO 185 cast iron.

Euroinox: stainless steel pump body.

Eurocom: technopolymer pump body.

Motor support in die-cast aluminium, seal holder in AISI 304 steel. Mechanical seal in carbon/ceramic. Rotor shaft in AISI 304 steel. Rotors, diffuser bodies and diffusers in technopolymer. Adjustment rings in stainless steel.

Protection level of motor IP 44

Protection level of terminal board IP 55

Insulation class F

Operating range from 10 to 120 l/min. with a head of up to 72 m.

Pumped liquid characteristics clean, free from solid or abrasive substances, not viscous, not aggressive, not crystallised, chemically neutral and close to the characteristics of water.

Liquid temperature range

from 0°C to +35°C C for domestic use

(EN 60335-2-41)

from 0°C to +40°C for other uses.

Maximum ambient temperature +40°C

Maximum operating pressure 8 bar (800 kPa)

Euroinox self-priming, other uses.

Maximum ambient temperature +40°C

Maximum operating pressure 8 bar (800 kPa)

Euroinox self-priming.

TECHNICAL DATA - EURO

| MODEL | ELECTRICAL DATA | | | | | | |
|-----------------------|---------------------------|--------------|------------|------|-----------|-----------|-----|
| | VOLTAGE 60 Hz | P1 MÁX kW | P2 NOMINAL | | In A | CAPACITOR | |
| | | | kW | HP | | µF | Vc |
| EURO 25/306 M | 1x115 V~ | 0,64 | 0,37 | 0,5 | 5,9 | 40 | 250 |
| EURO 25/306 M | 1x220-230 V~ | 0,62 | 0,37 | 0,5 | 2,7-2,8 | 10 | 450 |
| EURO 25/306 M 115/230 | 1x115/230 V~ dual VOLTAGE | 0,67 | 0,25 | 0,5 | 6,07-3,09 | 40 | 450 |
| EURO 30/306 M | 1x115 V~ | 0,82 | 0,45 | 0,6 | 7,5 | 50 | 250 |
| EURO 30/306 M | 1x220-230 V~ | 0,81 | 0,45 | 0,6 | 3,45-3,6 | 12,5 | 450 |
| EURO 30/306 M 115/230 | 1x115/230 V~ dual VOLTAGE | 0,89 | 0,33 | 0,6 | 8-4,12 | 50 | 250 |
| EURO 40/306 M | 1x115 V~ | 0,98 | 0,55 | 0,75 | 8,8 | 50 | 250 |
| EURO 40/306 M | 1x220-230 V~ | 0,95 | 0,55 | 0,75 | 4-4,5 | 12,5 | 450 |
| EURO 40/306 M 115/230 | 1x115/230 V~ dual VOLTAGE | 1 | 0,5 | 0,75 | 8,92-4,55 | 50 | 250 |
| EURO 30/506 M | 1x115 V~ | 0,9 | 0,55 | 0,75 | 8,23 | 50 | 250 |
| EURO 30/506 M | 1x220-230 V~ | 0,84 | 0,55 | 0,75 | 3,53-3,7 | 12,5 | 450 |
| EURO 30/506 M 115/230 | 1x115/230 V~ dual VOLTAGE | 0,94 | 0,5 | 0,75 | 8,31-4,28 | 50 | 250 |
| EURO 40/506 M | 1x115 V~ | 1,18 | 0,8 | 1 | 10,4 | 80 | 450 |
| EURO 40/506 M | 1x220-230 V~ | 1,17 | 0,8 | 1,1 | 6,1-6,4 | 25 | 450 |
| EURO 40/506 M 115/230 | 1x115/230 V~ dual VOLTAGE | 1,3 | 0,8 | 1,1 | 13,1-6,6 | 80 | 250 |
| EURO 40/506 T | 3x220-230/380-480 V~ | 1,07 | 0,8 | 1 | 3,3-1,9 | - | - |
| EURO 50/506 M | 1x115 V~ | 1,43 | 1 | 1,36 | 13,3 | 80 | 250 |
| EURO 50/506 M | 1x220-230 V~ | 1,38 | 1 | 1,36 | 6,12-6,4 | 20 | 450 |
| EURO 50/506 M 115/230 | 1x115/230 V~ dual VOLTAGE | 1,5 | 1 | 1,36 | 14,6-7,4 | 80 | 250 |
| EURO 50/506 T | 3x220-400/380-480 V~ | 1,27 | 1 | 1,36 | 3,8-2,2 | - | - |
| EURO 25/806 M | 1x115 V~ | 0,9 | 0,55 | 0,75 | 8,1 | 50 | 250 |
| EURO 25/806 M | x220-230 V~ | 0,82 | 0,55 | 0,75 | 3,5-3,7 | 12,5 | 450 |
| EURO 25/806 M 115/230 | 1x115-230 V~ dual VOLTAGE | 0,9 | 0,55 | 0,75 | 8,3-4,3 | 50 | 250 |
| EURO 30/806 M | 1x115 V~ | 1,25 | 0,8 | 1,1 | 11 | 80 | 450 |
| EURO 30/806 M | 1x220-230 V~ | 1,23 | 0,8 | 1,1 | 6,1-6,4 | 25 | 450 |
| EURO 30/806 M 115/230 | 1x115-230 V~ dual VOLTAGE | 1,3 | 0,8 | 1,1 | 13-6,5 | 80 | 250 |
| EURO 30/806 T | 3x220-230/380-480 V~ | 1,04 | 0,8 | 1,1 | 3,3-1,9 | - | - |
| EURO 40/806 M | 1x115 V~ | 1,44 | 1 | 1,36 | 13 | 80 | 450 |
| EURO 40/806 M | 1x220-230 V~ | 1,32 | 1 | 1,36 | 5,8-6,1 | 25 | 450 |
| EURO 40/806 M 115/230 | 1x115-230 V~ dual VOLTAGE | 1,5 | 1 | 1,36 | 14,6-7,4 | 80 | 250 |
| EURO 40/806 T | 3x220-230/380-480 V~ | 1,2 | 1 | 1,36 | 3,8-2,2 | - | - |

TECHNICAL DATA - EUROINOX

| MODEL | ELECTRICAL DATA | | | | | | |
|---------------------------|---------------------------|--------------|------------|------|-----------|-----------|-----|
| | VOLTAGE 60 Hz | P1 MÁX kW | P2 NOMINAL | | In A | CAPACITOR | |
| | | | kW | HP | | μF | Vc |
| EUROINOX 30/306 M | 1x115 V~ | 0,84 | 0,45 | 0,6 | 7,63 | 50 | 250 |
| EUROINOX 30/306 M | 1x220-230 V~ | 0,81 | 0,45 | 0,6 | 3,45-3,6 | 12,5 | 450 |
| EUROINOX 30/306 M 115/230 | 1x115-230 V~ dual VOLTAGE | 0,89 | 0,33 | 0,6 | 8-4,12 | 50 | 250 |
| EUROINOX 30/306 T | 3x220-230/380-480 V~ | 0,77 | 0,45 | 0,6 | 2,42-1,4 | - | - |
| EUROINOX 40/306 M | 1x115 V~ | 0,98 | 0,55 | 0,75 | 8,8 | 50 | 250 |
| EUROINOX 40/306 M | 1x220-230 V~ | 0,95 | 0,55 | 0,75 | 4-4,5 | 12,5 | 450 |
| EUROINOX 40/306 M 115/230 | 1x115-230 V~ dual VOLTAGE | 1 | 0,5 | 0,75 | 8,92-4,55 | 50 | 250 |
| EUROINOX 40/306 T | 3x220-230/380-480 V~ | 0,89 | 0,55 | 0,75 | 2,6-1,5 | - | - |
| EUROINOX 30/506 M | 1x115 V~ | 0,9 | 0,55 | 0,75 | 8,23 | 50 | 250 |
| EUROINOX 30/506 M | 1x220-230 V~ | 0,84 | 0,55 | 0,75 | 3,53-3,7 | 12,5 | 450 |
| EUROINOX 30/506 M 115/230 | 1x115-230 V~ dual VOLTAGE | 0,94 | 0,5 | 0,75 | 8,31-4,28 | 50 | 250 |
| EUROINOX 30/506 T | 3x220-230/380-480 V~ | 0,56 | 0,55 | 0,75 | 2,4-1,4 | - | - |
| EUROINOX 40/506 M | 1x115 V~ | 1,2 | 0,8 | 1,18 | 10,6 | 80 | 250 |
| EUROINOX 40/506 M | 1x220-230 V~ | 1,17 | 0,8 | 1,1 | 6,1-6,4 | 25 | 450 |
| EUROINOX 40/506 M 115/230 | 1x115-230 V~ dual VOLTAGE | 1,3 | 0,8 | 1,1 | 13,1-6,6 | 80 | 250 |
| EUROINOX 40/506 T | 3x220-230/380-480 V~ | 1,18 | 0,8 | 1,08 | 3,25-1,18 | - | - |
| EUROINOX 50/506 M | 1x115 V~ | 1,47 | 1 | 1,36 | 13,3 | 80 | 250 |
| EUROINOX 50/506 M | 1x220-230 V~ | 1,38 | 1 | 1,36 | 6,2-6,4 | 25 | 450 |
| EUROINOX 50/506 M 115/230 | 1x115-230 V~ dual VOLTAGE | 1,5 | 1 | 1,36 | 14,6-7,4 | 80 | 250 |
| EUROINOX 50/506 T | 3x220-230/380-480 V~ | 1,27 | 1 | 1,36 | 3,8-2,2 | - | - |
| EUROINOX 25/806 M | 1x115 V~ | 0,9 | 0,55 | 0,86 | 8,1 | 50 | 250 |
| EUROINOX 25/806 M | 1x220-230 V~ | 0,87 | 0,55 | 0,83 | 3,73-3,9 | 12,5 | 450 |
| EUROINOX 25/806 M 115/230 | 1x115-230 V~ dual VOLTAGE | 0,9 | 0,55 | 0,75 | 8,3-4,3 | 50 | 250 |
| EUROINOX 25/806 T | 3x220-230/380-480 V~ | 0,81 | 0,55 | 0,8 | 2,5-1,44 | - | - |
| EUROINOX 30/806 M | 1x115 V~ | 1,25 | 0,8 | 1,1 | 11 | 80 | 250 |
| EUROINOX 30/806 M | 1x220-230 V~ | 1,22 | 0,8 | 1,2 | 5,22-5,46 | 25 | 450 |
| EUROINOX 30/806 M 115/230 | 1x115-230 V~ dual VOLTAGE | 1,3 | 0,8 | 1,1 | 13-6,5 | 80 | 250 |
| EUROINOX 30/806 T | 3x220-230/380-480 V~ | 1,1 | 0,8 | 1,2 | 3,6-2,2 | - | - |
| EUROINOX 40/806 M | 1x115 V~ | 1,48 | 1 | 1,36 | 13 | 80 | 450 |
| EUROINOX 40/806 M | 1x220-230 V~ | 1,48 | 1 | 1,5 | 6,9-7,2 | 25 | 450 |
| EUROINOX 40/806 M 115/230 | 1x115-230 V~ dual VOLTAGE | 1,5 | 1 | 1,36 | 14,6-7,4 | 80 | 250 |
| EUROINOX 40/806 T | 3x220-230/380-480 V~ | 1,44 | 1 | 1,36 | 3,85-2,23 | - | - |

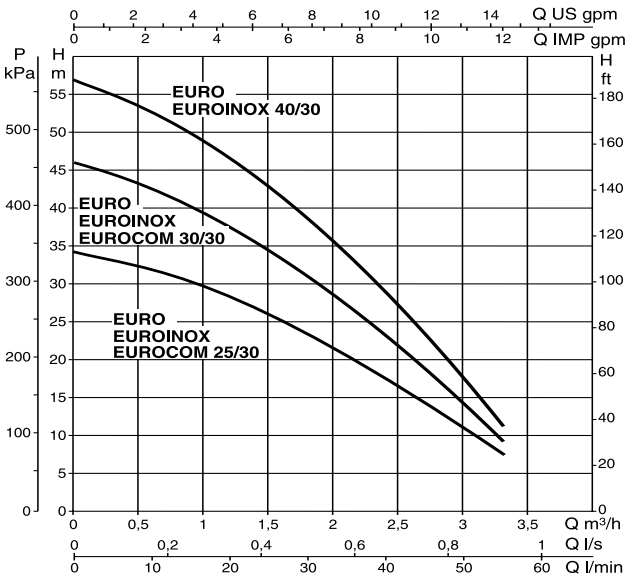
TECHNICAL DATA - EUROCOM

| MODEL | ELECTRICAL DATA | | | | | | |
|------------------|------------------|--------------|------------|------|----------|-----------|-----|
| | VOLTAGE 60 Hz | P1 MÁX kW | P2 NOMINAL | | In A | CAPACITOR | |
| | | | kW | HP | | μF | Vc |
| EUROCOM 25/306 M | 1x115 V~ | 0,66 | 0,37 | 0,5 | 6 | 40 | 250 |
| EUROCOM 25/306 M | 1x220-230 V~ | 0,62 | 0,37 | 0,5 | 2,7-2,8 | 10 | 450 |
| EUROCOM 30/306 M | 1x115 V~ | 0,82 | 0,45 | 0,6 | 7,5 | 50 | 250 |
| EUROCOM 30/306 M | 1x220-230 V~ | 0,81 | 0,45 | 0,6 | 3,4-3,6 | 12,5 | 450 |
| EUROCOM 30/506 M | 1x115 V~ | 0,9 | 0,55 | 0,75 | 8,23 | 50 | 250 |
| EUROCOM 30/506 M | 1x220-230 V~ | 0,84 | 0,55 | 0,75 | 3,53-3,7 | 12,5 | 450 |
| EUROCOM 40/506 M | 1x115 V~ | 1,18 | 0,8 | 1 | 10,4 | 80 | 450 |
| EUROCOM 40/506 M | 1x220-230 V~ | 1,17 | 0,75 | 1 | 6,1-6,4 | 25 | 450 |
| EUROCOM 25/806 M | 1x115 V~ | 0,9 | 0,55 | 0,75 | 8,1 | 50 | 250 |
| EUROCOM 25/806 M | 1x220-230 V~ | 0,82 | 0,55 | 0,75 | 3,5-3,7 | 12,5 | 450 |
| EUROCOM 30/806 M | 1x115 V~ | 1,25 | 0,8 | 1,1 | 11 | 80 | 450 |
| EUROCOM 30/806 M | 1x220-230 V~ | 1,14 | 0,8 | 1,1 | 5-5,2 | 20 | 450 |

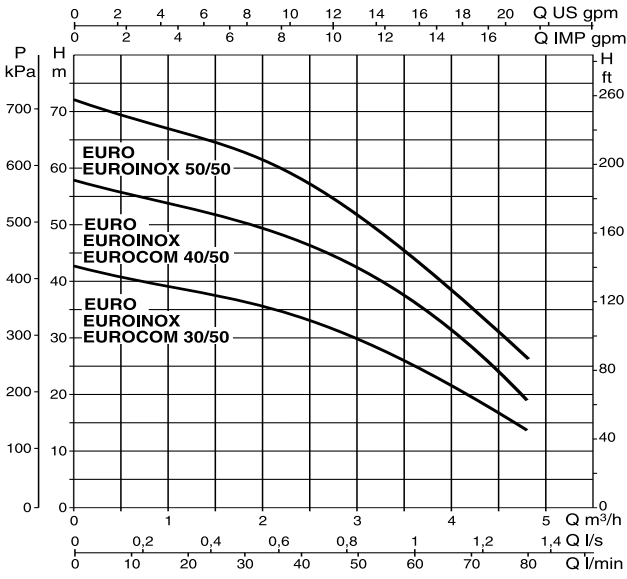
EURO-EUROINOX-EUROCOM

MULTISTAGE CENTRIFUGAL PUMPS

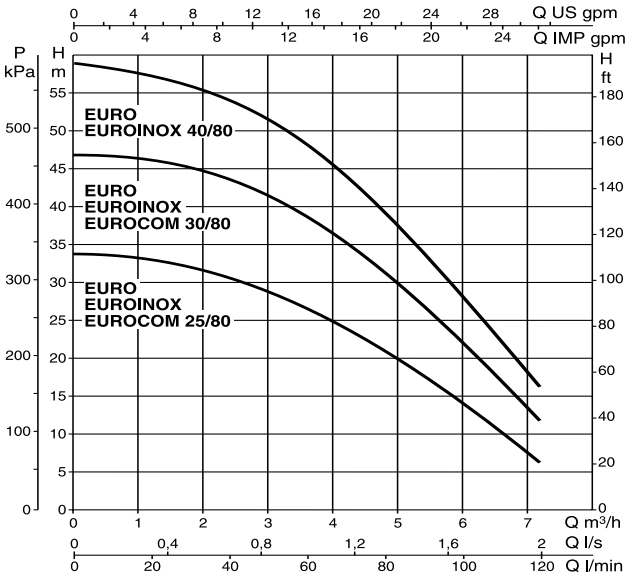
EURO - EUROINOX - EUROCOM 30



EURO - EUROINOX - EUROCOM 50



EURO - EUROINOX - EUROCOM 80



DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTISTAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

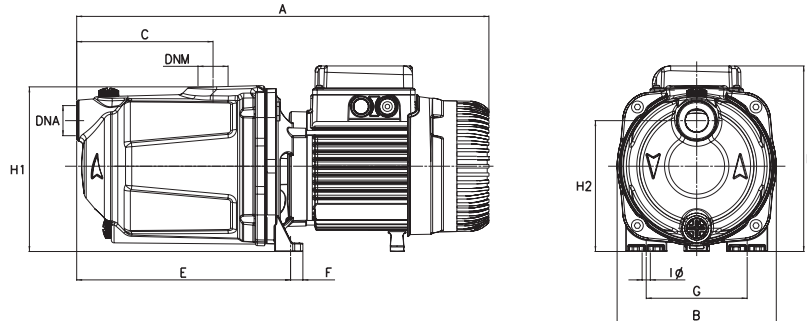
EURO - EUROINOX - EUROCOM - HOUSEHOLD WATER SUPPLY

| MODEL | P2 NOMINAL | | Q m ³ /h l/min | 0 | 0,6 | 1,2 | 1,8 | 2,4 | 3,0 | 3,6 | 4,2 | 4,8 | 6 | 7,2 | 9 | 9,6 | 10,5 | |
|----------------------|------------|------|---------------------------------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|------|--|
| | kW | HP | | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 100 | 120 | 150 | 160 | 175 | |
| EURO 25/30 M | 0,37 | 0,5 | H (m) | 34,4 | 31,7 | 28,3 | 23,5 | 17,5 | 11 | | | | | | | | | |
| EURO 30/30 M | 0,54 | 0,74 | | 46 | 42,2 | 37,8 | 31,2 | 23,3 | 14,3 | | | | | | | | | |
| EURO 40/30 M | 0,55 | 0,75 | | 57 | 52,7 | 47 | 38,8 | 29 | 17,7 | | | | | | | | | |
| EURO 30/50 M - T | 0,55 | 0,75 | | 42,5 | 40,2 | 38,2 | 36,2 | 33,8 | 30 | 24,8 | 19,5 | 14 | | | | | | |
| EURO 40/50 M - T | 0,75 | 1 | | 57,5 | 55,3 | 52,8 | 50,1 | 47,1 | 42,7 | 35,8 | 28 | 19 | | | | | | |
| EURO 50/50 M - T | 1 | 1,36 | | 72 | 68,5 | 65,5 | 62,1 | 58,2 | 52,2 | 43,6 | 34,5 | 26 | | | | | | |
| EURO 25/80 M | 0,55 | 0,75 | | 34 | | 33 | 32 | 30,5 | 28,5 | 26 | 23,5 | 21 | 14,5 | 6,5 | | | | |
| EURO 30/80 M - T | 0,8 | 1,1 | | 47 | | 46,5 | 45 | 43,5 | 41 | 38 | 34,5 | 31 | 23 | 12 | | | | |
| EURO 40/80 M - T | 1 | 1,36 | | 59 | | 57 | 56 | 54 | 51 | 47 | 43,5 | 39 | 29,5 | 16,5 | | | | |
| EUROINOX 25/30 M - T | 0,37 | 0,5 | | 34 | 31,7 | 28,3 | 23,5 | 17,5 | 11 | | | | | | | | | |
| EUROINOX 30/30 M - T | 0,45 | 0,6 | | 46 | 42,2 | 37,8 | 31,2 | 23,3 | 14,3 | | | | | | | | | |
| EUROINOX 40/30 M - T | 0,55 | 0,75 | | 57 | 52,7 | 47 | 38,8 | 29 | 17,7 | | | | | | | | | |
| EUROINOX 30/50 M - T | 0,55 | 0,75 | | 42 | 40,2 | 38,2 | 36,2 | 33,8 | 30 | 24,8 | 19,5 | 14 | | | | | | |
| EUROINOX 40/50 M - T | 0,75 | 1 | | 58 | 55,3 | 52,8 | 50,1 | 47,1 | 42,7 | 35,8 | 28 | 19 | | | | | | |
| EUROINOX 50/50 M - T | 1 | 1,36 | | 72 | 68,5 | 65,5 | 62,1 | 58,2 | 52,2 | 43,6 | 34,5 | 26 | | | | | | |
| EUROINOX 25/80 M - T | 0,55 | 0,75 | | 34 | | 33 | 32 | 30,5 | 28,5 | 26 | 23,5 | 21 | 14,5 | 6,5 | | | | |
| EUROINOX 30/80 M - T | 0,8 | 1,1 | | 47 | | 46,5 | 45 | 43,5 | 41 | 38 | 34,5 | 31 | 23 | 12 | | | | |
| EUROINOX 40/80 M - T | 1 | 1,36 | | 59 | | 57 | 56 | 54 | 51 | 47 | 43,5 | 39 | 29,5 | 16,5 | | | | |
| EUROCOM 25/30 M | 0,37 | 0,5 | | 34,4 | 31,7 | 28,3 | 23,5 | 17,5 | 11 | | | | | | | | | |
| EUROCOM 30/30 M | 0,45 | 0,6 | | 46 | 42,2 | 37,8 | 31,2 | 23,3 | 14,3 | | | | | | | | | |
| EUROCOM 30/50 M | 0,55 | 0,75 | | 42,2 | 40,2 | 38,2 | 36,2 | 33,8 | 30 | 24,8 | 19,5 | 14 | | | | | | |
| EUROCOM 40/50 M - T | 0,75 | 1 | | 57,7 | 55,3 | 52,8 | 50,1 | 47,1 | 42,7 | 35,8 | 28 | 19,2 | | | | | | |
| EUROCOM 25/80 M - T | 0,55 | 0,75 | | 34 | | 33 | 32 | 30,5 | 28,5 | 26 | 23,5 | 21 | 14,5 | 6,5 | | | | |
| EUROCOM 30/80 M - T | 0,8 | 1,1 | | 47 | | 46,5 | 45 | 43,5 | 41 | 38 | 34,5 | 31 | 23 | 12 | | | | |

DCONNECT
COMMAND AND CONTROL SYSTEMS
CIRCULATORS AND IN-LINE PUMPS
MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS
SWIMMING POOL, POND AND SALT WATER PUMPS
CENTRIFUGAL PUMPS
SUBMERSIBLE PUMPS
SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS
PRESSURE UNITS

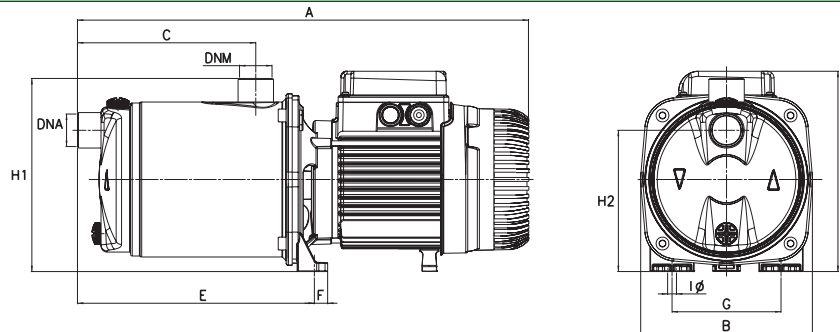
DIMENSIONS AND WEIGHTS

EURO



| MODEL | A | B | C | E | F | G | IØ | H | H1 | H2 | DNA (NPT) | DNM (NPT) | PACKING DIMENSIONS | | | WEIGHT Kg | Q.TY x PALLET |
|--------------|-----|-----|-------|-----|------|-----|----|-----|-----|-------|-----------|-----------|--------------------|-----|-----|-----------|---------------|
| | | | | | | | | | | | | | L/A | L/B | H | | |
| EURO 25/30 | 378 | 175 | 94,5 | 180 | 13,5 | 111 | 9 | 194 | 179 | 143,5 | 1" | 1" | 440 | 206 | 245 | 10,7 | 28 |
| EURO 30/30 | 433 | 175 | 149,5 | 235 | 13,5 | 111 | 9 | 194 | 179 | 143,5 | 1" | 1" | 480 | 212 | 265 | 12,7 | 28 |
| EURO 40/30 | 433 | 175 | 149,5 | 235 | 13,5 | 111 | 9 | 194 | 179 | 143,5 | 1" | 1" | 480 | 212 | 265 | 12,8 | 28 |
| EURO 30/50 | 378 | 175 | 94,5 | 180 | 13,5 | 111 | 9 | 194 | 179 | 143,5 | 1" | 1" | 440 | 206 | 245 | 11,7 | 28 |
| EURO 40/50 M | 452 | 175 | 149,5 | 235 | 13,5 | 111 | 9 | 204 | 179 | 143,5 | 1" | 1" | 480 | 212 | 265 | 15,6 | 28 |
| EURO 40/50 T | 468 | 175 | 149,5 | 235 | 13,5 | 111 | 9 | 204 | 179 | 143,5 | 1" | 1" | 560 | 240 | 227 | 15,6 | 28 |
| EURO 50/50 M | 452 | 175 | 149,5 | 235 | 13,5 | 111 | 9 | 204 | 179 | 143,5 | 1" | 1" | 480 | 212 | 265 | 16,2 | 28 |
| EURO 50/50 T | 468 | 175 | 149,5 | 235 | 13,5 | 111 | 9 | 204 | 179 | 143,5 | 1" | 1" | 560 | 240 | 227 | 16,2 | 28 |
| EURO 25/80 | 378 | 175 | 94,5 | 180 | 13,5 | 111 | 9 | 194 | 179 | 143,5 | 1" | 1" | 440 | 206 | 245 | 15,6 | 28 |
| EURO 30/80 M | 452 | 175 | 149,5 | 235 | 13,5 | 111 | 9 | 204 | 179 | 143,5 | 1" | 1" | 480 | 212 | 265 | 15,6 | 28 |
| EURO 30/80 T | 468 | 175 | 149,5 | 235 | 13,5 | 111 | 9 | 204 | 179 | 143,5 | 1" | 1" | 560 | 240 | 227 | 15,6 | 28 |
| EURO 40/80 M | 452 | 175 | 149,5 | 235 | 13,5 | 111 | 9 | 204 | 179 | 143,5 | 1" | 1" | 480 | 212 | 265 | 16,2 | 28 |
| EURO 40/80 T | 468 | 175 | 149,5 | 235 | 13,5 | 111 | 9 | 204 | 179 | 143,5 | 1" | 1" | 560 | 240 | 227 | 16,2 | 28 |

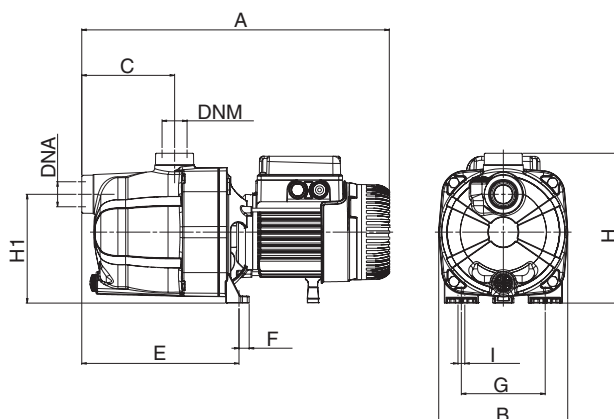
EUROINOX



| MODEL | A | B | C | E | F | G | IØ 4 Holes | H | H1 | H2 | DNA (NPT) | DNM (NPT) | PACKING DIMENSIONS | | | WEIGHT Kg | Q.TY x PALLET |
|------------------|-----|-----|-----|-----|------|-----|---------------|-----|-----|-----|-----------|-----------|--------------------|-----|-----|-----------|---------------|
| | | | | | | | | | | | | | L/A | L/B | H | | |
| EUROINOX 25/30 | 384 | 174 | 108 | 186 | 13,5 | 111 | 9 | 193 | 196 | 143 | 1" | 1" | 440 | 206 | 245 | 9,7 | 28 |
| EUROINOX 30/30 | 439 | 174 | 166 | 241 | 13,5 | 111 | 9 | 193 | 196 | 143 | 1" | 1" | 480 | 212 | 265 | 11,7 | 28 |
| EUROINOX 40/30 | 439 | 174 | 166 | 241 | 13,5 | 111 | 9 | 193 | 196 | 143 | 1" | 1" | 480 | 212 | 265 | 11,9 | 28 |
| EUROINOX 30/50 | 384 | 174 | 108 | 186 | 13,5 | 111 | 9 | 193 | 196 | 143 | 1" | 1" | 440 | 206 | 245 | 10,5 | 28 |
| EUROINOX 40/50 M | 458 | 174 | 166 | 241 | 13,5 | 111 | 9 | 203 | 196 | 143 | 1" | 1" | 480 | 212 | 265 | 14,6 | 28 |
| EUROINOX 40/50 T | 474 | 174 | 166 | 241 | 13,5 | 111 | 9 | 203 | 196 | 143 | 1" | 1" | 560 | 240 | 227 | 14,6 | 28 |
| EUROINOX 50/50 M | 458 | 174 | 166 | 241 | 13,5 | 111 | 9 | 203 | 196 | 143 | 1" | 1" | 480 | 212 | 265 | 15,1 | 28 |
| EUROINOX 50/50 T | 474 | 174 | 166 | 241 | 13,5 | 111 | 9 | 203 | 196 | 143 | 1" | 1" | 560 | 240 | 227 | 15,1 | 28 |
| EUROINOX 25/80 | 384 | 174 | 108 | 186 | 13,5 | 111 | 9 | 193 | 196 | 143 | 1" | 1" | 440 | 206 | 245 | 10,5 | 28 |
| EUROINOX 30/80 M | 458 | 174 | 166 | 241 | 13,5 | 111 | 9 | 203 | 196 | 143 | 1" | 1" | 480 | 212 | 265 | 14,6 | 28 |
| EUROINOX 30/80 T | 474 | 174 | 166 | 241 | 13,5 | 111 | 9 | 203 | 196 | 143 | 1" | 1" | 560 | 240 | 227 | 14,6 | 28 |
| EUROINOX 40/80 M | 458 | 174 | 166 | 241 | 13,5 | 111 | 9 | 203 | 196 | 143 | 1" | 1" | 480 | 212 | 265 | 15,1 | 28 |
| EUROINOX 40/80 T | 474 | 174 | 166 | 241 | 13,5 | 111 | 9 | 203 | 196 | 143 | 1" | 1" | 560 | 240 | 227 | 15,1 | 28 |

DIMENSIONS AND WEIGHTS

EUROCOM



| MODEL | A | B | C | E | F | G | 1 Ø 4 Holes | H | H1 | H2 | DNA (NPT) | DNM (NPT) | PACKING DIMENSIONS | | | WEIGHT Kg | Q.TY x PALLET |
|---------------|-----|-----|-----|-----|----|-----|----------------|-----|-----|----|--------------|--------------|--------------------|-----|-----|--------------|------------------|
| | | | | | | | | | | | | | L/A | L/B | H | | |
| EUROCOM 25/30 | 406 | 170 | 122 | 208 | 14 | 111 | 9 | 198 | 144 | - | 1" | 1" | 470 | 240 | 240 | 8 | 28 |
| EUROCOM 30/30 | 406 | 170 | 122 | 208 | 14 | 111 | 9 | 198 | 144 | - | 1" | 1" | 470 | 240 | 240 | 8,8 | 28 |
| EUROCOM 30/50 | 406 | 170 | 122 | 208 | 14 | 111 | 9 | 198 | 144 | - | 1" | 1" | 470 | 240 | 240 | 8,8 | 28 |
| EUROCOM 40/50 | 425 | 170 | 122 | 208 | 14 | 111 | 9 | 203 | 144 | - | 1" | 1" | 470 | 240 | 240 | 11 | 28 |
| EUROCOM 25/80 | 406 | 170 | 122 | 208 | 14 | 111 | 9 | 198 | 144 | - | 1" | 1" | 470 | 240 | 240 | 8,8 | 28 |
| EUROCOM 30/80 | 425 | 170 | 122 | 208 | 14 | 111 | 9 | 203 | 144 | - | 1" | 1" | 470 | 240 | 240 | 11 | 28 |

JET M-P

CENTRIFUGAL PUMPS FITTED



SINGLE-PHASE VERSION

Self-priming pump equipped with gauge, pressure switch, power supply cable with plug and three-way brass fitting for connecting to a tank.

THREE-PHASE VERSION

Self-priming electropump equipped with gauge, pressure switch, overload cutout and three-way brass fitting for connecting to a tank.



JET M-P

Operating range

from 0.4 to 10.5 m³/h with head up to 62 metres.

Liquid quality requirements clean, free from solid or abrasive contaminants, non-viscous, non-aggressive, uncrystallised and chemically neutral, close to the properties of water.

Liquid temperature range from 0°C to +35°C for domestic use (EN 60335-2-41).
For other use: from 0°C to +40°C

Maximum ambient temperature +40°C

Maximum operating pressure 8 bar (800 kPa)

Installation fixed in a horizontal position.

Special executions on request
different frequencies and/or voltage.

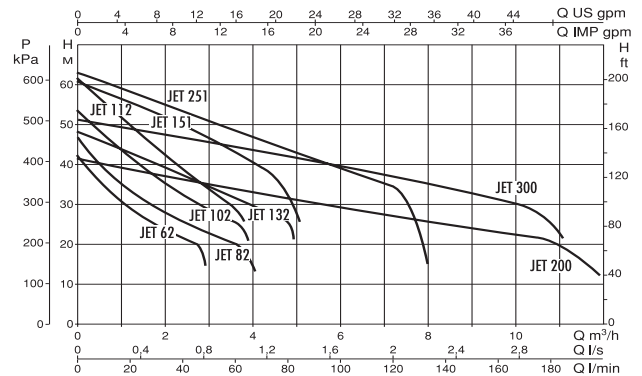
Motor protection rating IP 44

Terminal block protection rating IP 55

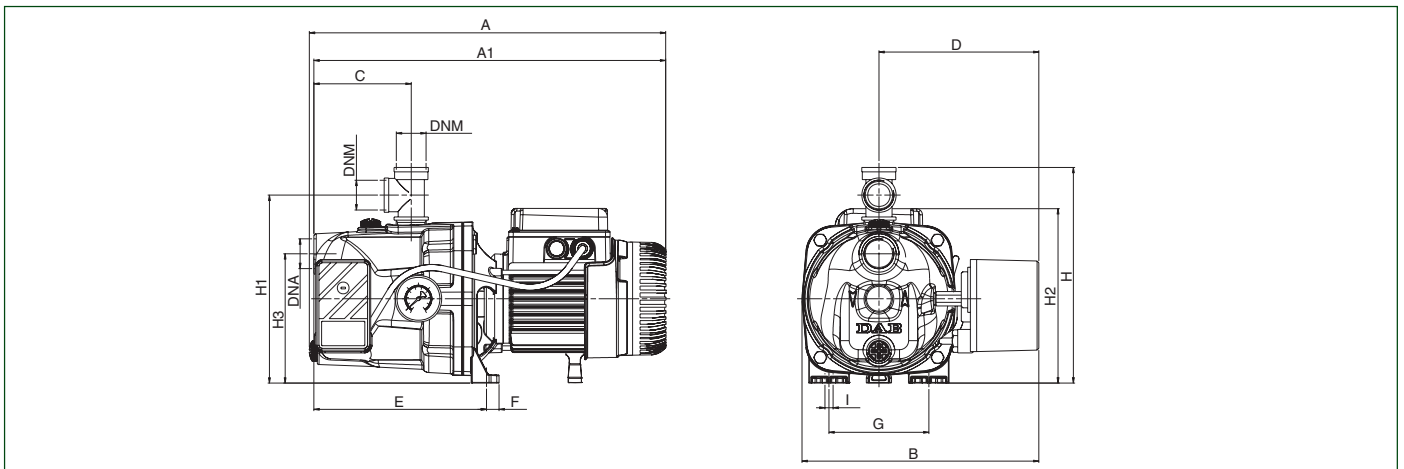
Insulation class F

TECHNICAL DATA - JET M-P

| MODEL | ELECTRICAL DATA | | | | | | |
|-----------------------|------------------|--------------|------------|-----|------------|-----------|-----|
| | VOLTAGE 60 Hz | P1 MAX kW | P2 NOMINAL | | In A | CAPACITOR | |
| | | | kW | HP | | μF | Vc |
| JET 62 M - P | 1 x 115V~ | 0,73 | 0,44 | 0,6 | 6,6 | 40 | 250 |
| JET 62 M - P | 1 x 230V~ | 0,7 | 0,44 | 0,6 | 3,8-4 | 10 | 450 |
| JET 62 M - P 115/230 | 1 x 115-230V~ | 0,75 | 0,44 | 0,6 | 6,5 - 3,3 | 40 | 450 |
| JET 82 M - P | 1 x 115V~ | 0,90 | 0,60 | 0,8 | 8 | 50 | 250 |
| JET 82 M - P | 1 x 230V~ | 0,90 | 0,60 | 0,8 | 3,7-3,9 | 12,5 | 450 |
| JET 82 M - P 115/230 | 1 x 115-230V~ | 0,90 | 0,6 | 0,8 | 8 - 4 | 50 | 450 |
| JET 102 M - P | 1 x 115V~ | 1,10 | 0,75 | 1 | 9,7 | 50 | 250 |
| JET 102 M - P | 1 x 230V~ | 1,10 | 0,75 | 1 | 5-4,9 | 12,5 | 450 |
| JET 102 M - P 115/230 | 1 x 115-230V~ | 1.1 | 0,75 | 1 | 10,3 - 5,2 | 50 | 450 |



DIMENSIONS AND WEIGHTS



| MODEL | A | A1 | B | C | D | E | F | G | I Ø | H | H1 | H2 | H3 | I | DNA (NPT) | DNM (NPT) | PACKING DIMENSIONS | | | WEIGHT Kg | Q.TY x PALLET |
|-------------|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|---|-----------|-----------|--------------------|-----|-----|--------------|------------------|
| | | | | | | | | | | | | | | | | | L/A | L/B | H | | |
| JET 62 M-P | 395 | 390 | 263 | 108 | 177 | 192 | 14 | 111 | - | 239 | 209 | 193 | 144 | 9 | 1" | 1" | 440 | 295 | 235 | 11,9 | 24 |
| JET 82 M-P | 395 | 390 | 263 | 108 | 177 | 192 | 14 | 111 | - | 239 | 209 | 193 | 144 | 9 | 1" | 1" | 440 | 295 | 235 | 12,1 | 24 |
| JET 102 M-P | 414 | 390 | 263 | 108 | 177 | 192 | 14 | 111 | - | 239 | 209 | 203 | 144 | 9 | 1" | 1" | 440 | 295 | 235 | 13,9 | 24 |

AQUAJET

SELF-PRIMING AUTOMATIC BOOSTER



Automatic water lifting units, suitable for domestic use, small installations for civil, agricultural, industrial use, washing and hobby applications.

The unit is equipped with a JET or JETINOX type self-priming electropump, vessel, pressure switch for automatic operation, pressure gauge, fitting kit between pump and motor, all pre-assembled.

Tank: horizontal, 20 litres capacity type, inner single diaphragm high-grade butyl membrane and virgin polypropylene liner, complete with stands at the bottom and brackets for fixing the pump to the top.



Operating range

up to 5.4 m³/h with head up to 61 metres

Liquid temperature range

from 0°C to +35°C for domestic use
from 0°C to +40°C for other use

Pumped liquid characteristics clean, free from solids or abrasive substances, not viscous, not aggressive, not crystallised and chemically neutral.

Maximum ambient temperature +40°C

Maximum working pressure 8 bar (800 kPa)

Protection level

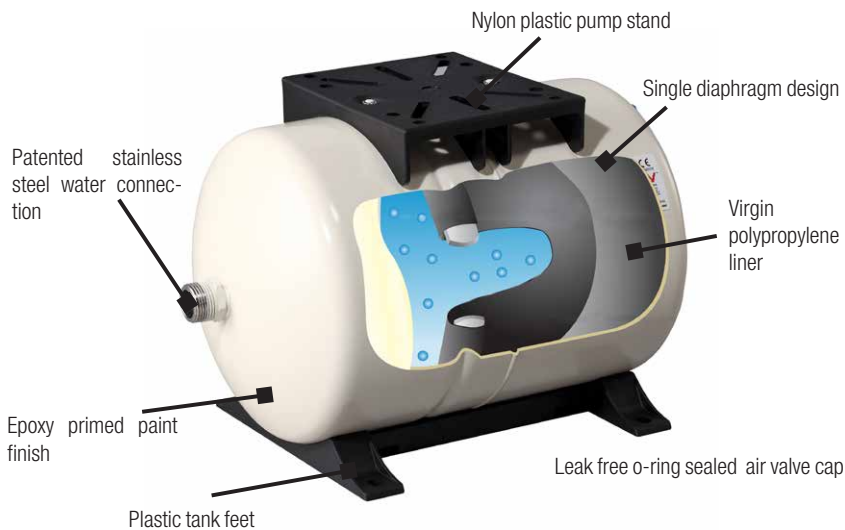
IP 44 (IP 55 terminal board protection).

Insulation class F

TECHNICAL DATA

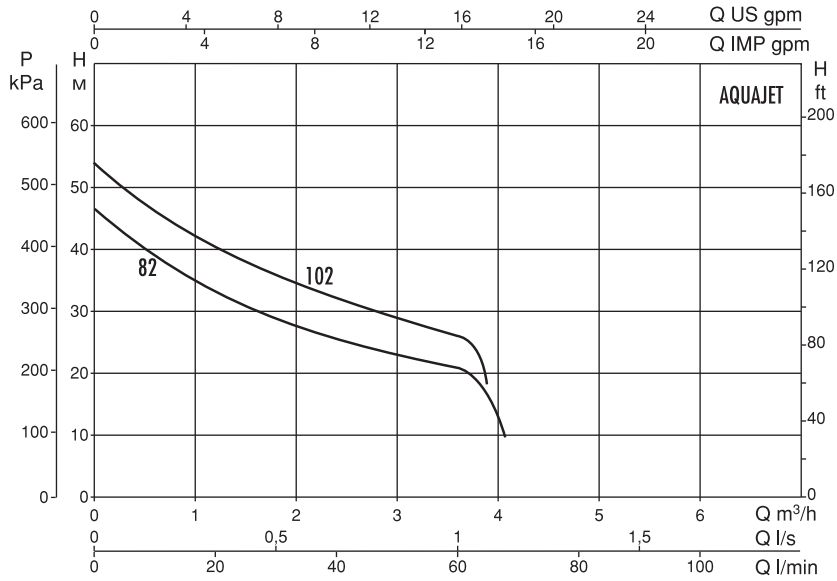
| MODEL |
|---------------|
| AQUAJET 82 M |
| AQUAJET 82 M |
| AQUAJET 102 M |
| AQUAJET 102 M |

| ELECTRICAL DATA | | | | | | |
|------------------|--------------|------------|-----|---------|-----------|-----|
| VOLTAGE 60 Hz | P1 MÁX kW | P2 NOMINAL | | In A | CAPACITOR | |
| | | kW | HP | | µF | Vc |
| 1x115 V~1 | 0,9 | 0,6 | 0,8 | 8 | 20 | 250 |
| 1x220-230V~ | 0,9 | 0,6 | 0,8 | 3,7-3,9 | 12,5 | 450 |
| 1x115 V~1 | 1,1 | 1 | 1,5 | 9,7 | 50 | 250 |
| 1x220-230V~ | 1,1 | 1 | 1,5 | 5-4,9 | 12,5 | 450 |



AQUAJET

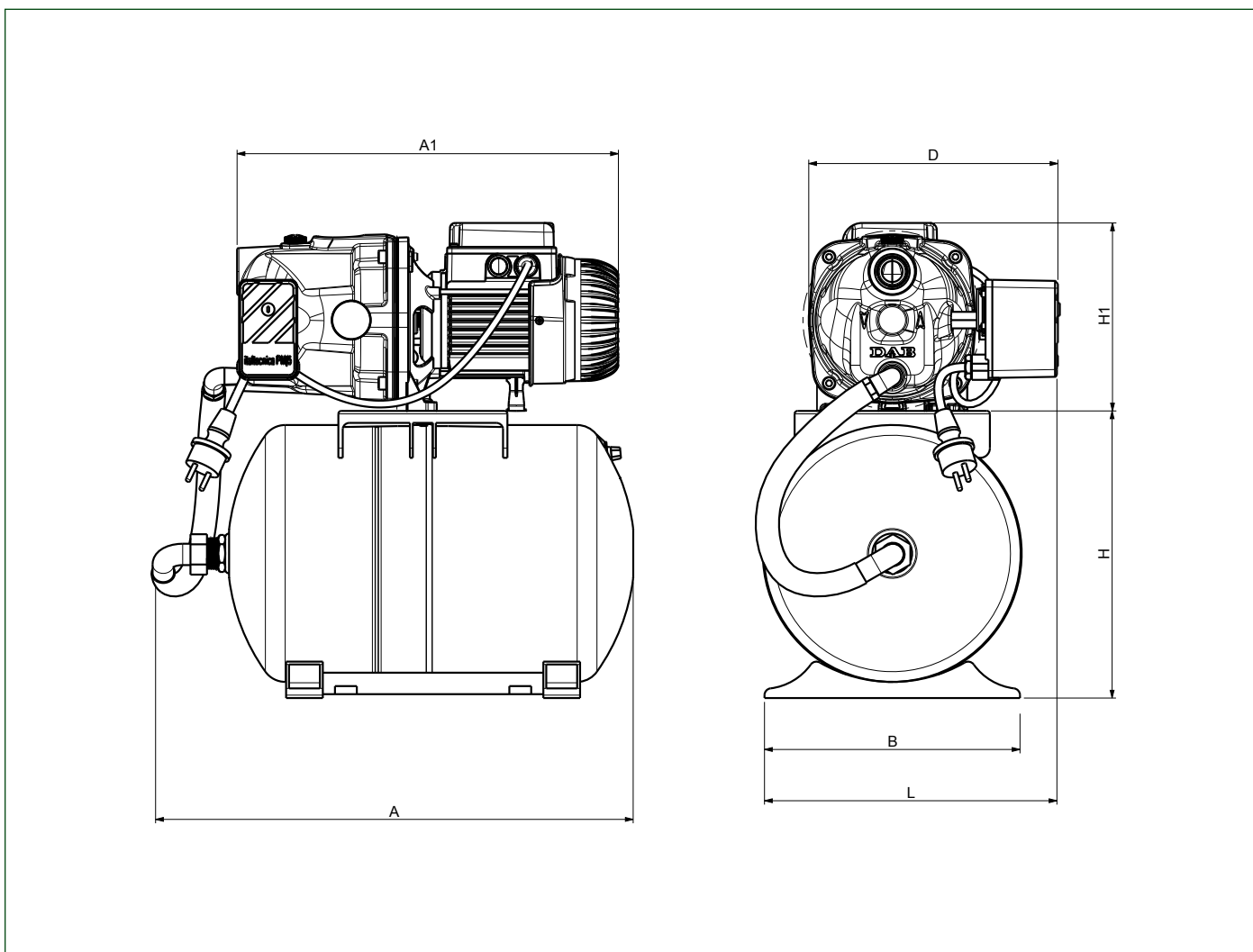
PERFORMANCE RANGE



ACQUAJET - ACQUAJET INOX - HOUSEHOLD WATER SUPPLY

| MODEL | P2 NOMINAL | | Q m³/h l/min | 0 | 0,6 | 1,2 | 1,8 | 2,4 | 3,0 | 3,6 | 4,2 | 4,8 |
|--------------------|------------|------|--------------------|------|------|------|------|------|------|------|------|------|
| | kW | HP | | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 |
| AQUAJET 82 M | 0,6 | 0,8 | H (m) | 47 | 40 | 34 | 30 | 26,2 | 23,5 | 20,3 | | |
| AQUAJET 102 M | 0,75 | 1 | | 53,8 | 47 | 41 | 36,3 | 32,4 | 28,8 | 25,8 | | |
| AQUAJET 112 M | 1 | 1,36 | | 61 | 54 | 47,8 | 42,8 | 38,8 | 34,8 | 22 | | |
| AQUAJET 92 M | 0,75 | 1 | | 36,2 | 33,5 | 31 | 28,4 | 26 | 24 | 21,8 | 19,6 | 17,5 |
| AQUAJET 132 M | 1 | 1,36 | | 48,3 | 45,6 | 42,8 | 40 | 37,6 | 35 | 32,5 | 30 | 27,2 |
| AQUAJET-INOX 82 M | 0,6 | 0,8 | | 47 | 40 | 34 | 30 | 26,2 | 23,5 | 20,3 | | |
| AQUAJET-INOX 102 M | 0,75 | 1 | | 53,8 | 47 | 41 | 36,3 | 32,4 | 28,8 | 25,8 | | |
| AQUAJET-INOX 112 M | 1 | 1,36 | | 61 | 54 | 47,8 | 42,8 | 38,8 | 34,8 | 20 | | |
| AQUAJET-INOX 92 M | 0,75 | 1 | | 36,2 | 33,5 | 31 | 28,4 | 26 | 24 | 21,8 | 19,6 | 17,5 |
| AQUAJET-INOX 132 M | 1 | 1,36 | | 4,3 | 45,6 | 42,8 | 40 | 37,6 | 35 | 32,5 | 30 | 27,2 |

DIMENSIONS AND WEIGHTS



| MODEL | A | A1 | B | D | H | H1 | L | PACKING DIMENSIONS | | | Ø (NPT) | | WEIGHT KG | Q.TY X PALET |
|-------------------|-----|-------|-----|-----|-----|-------|-----|--------------------|-----|-----|---------|-----|--------------|--------------------|
| | | | | | | | | L/A | L/B | H | DNA | DNM | | |
| AQUAJET 82 M - G | 492 | 392,5 | 263 | 256 | 296 | 193,5 | 301 | 566 | 360 | 554 | 1" | 1" | 18,2 | 12 |
| AQUAJET 102 M - G | 492 | 413 | 263 | 256 | 296 | 203,5 | 301 | 566 | 360 | 554 | 1" | 1" | 20,0 | 12 |

ACTIVE SYSTEM

ON/OFF AUTOMATIC ELECTRONIC BOOSTER SYSTEMS



ACTIVE J



ACTIVE EI

CE Automatic lifting units, particularly suitable for domestic use, small systems for civil, agricultural and industrial use, washing systems and hobby applications.

They are characterised by the use of:

- self-priming motor-driven pumps JET, JETINOX, EUROINOX that can even work when there are bubbles of air or gas. They are essential for drawing from artesian wells or wherever suction difficulties arise.

The EURO - EUROCOM multistage centrifugal pumps are particularly appropriate for low-noise underwater operation.

The **ACTIVE** system helps increase pressure in systems where it is insufficient or irregular.

The **ACTIVE** system is a built-in, easy-to-install, and ready-to-use device which:

- **controls it**
- **commands it automatically**
- **controls its operation**
- **limits starts**
- **guarantees pressure stability inside the hydraulic circuit.**
- **electronically controls starting pressure**

Operating range

from 0.4 to 4.8 m³/h with head up to 57 metres.

Liquid quality requirements: clean, free from solid or abrasive contaminants, non-viscous, non-aggressive, uncrystallised and chemically neutral, close to the properties of water.

Liquid temperature range from 0°C to +35°C for domestic use (EN 60335-2-41).
For other use: from 0°C to +40°C

Maximum ambient temperature +40°C

Maximum operating pressure 8 bar (800 kPa)

Installation fixed in a horizontal position.

Special executions on request
different frequencies and/or voltage.

Motor protection rating IP 44

Terminal block protection rating IP 55

Insulation class F

TECHNICAL DATA

| MODEL | ELECTRICAL DATA | | | | | | |
|-------------------|------------------|--------------|------------|------|-----------|-----------|-----|
| | VOLTAGE 60 Hz | P1 MÁX kW | P2 NOMINAL | | In A | CAPACITOR | |
| | | | kW | HP | | µF | Vc |
| ACTIVE J 62 M | 1x220-230 V~ | 0,7 | 0,44 | 0,6 | 3,8-4 | 10 | 450 |
| ACTIVE J 82 M | 1x220-230 V~ | 0,85 | 0,6 | 0,88 | 3,7-3,9 | 12,5 | 450 |
| ACTIVE J 102 M | 1x220-230 V~ | 1,1 | 0,6 | 0,8 | 4,98-4,97 | 12,5 | 450 |
| ACTIVE J 112 M | 1x220-230 V~ | 1,36 | 1 | 1,36 | 6-6,3 | 25 | 450 |
| ACTIVE J 92 M | 1x220-230 V~ | 0,95 | 0,75 | 1 | 4,3-4,5 | 14 | 450 |
| ACTIVE J 132 M | 1x220-230 V~ | 1,45 | 1 | 1,36 | 7,2-7,6 | 25 | 450 |
| ACTIVE JI 82 M | 1x220-230 V~ | 0,88 | 0,6 | 0,8 | 3,7-3,9 | 12,5 | 450 |
| ACTIVE JI 102 M | 1x220-230 V~ | 1,1 | 0,75 | 1 | 4,98-4,97 | 12,5 | 450 |
| ACTIVE JI 112 M | 1x220-230 V~ | 1,36 | 1 | 1,36 | 6-6,3 | 25 | 450 |
| ACTIVE JI 92 M | 1x220-230 V~ | 0,95 | 0,75 | 1 | 4,3-4,5 | 14 | 450 |
| ACTIVE JI 132 M | 1x220-230 V~ | 1,47 | 1 | 1,36 | 6,87-6,81 | 25 | 450 |
| ACTIVE E 25/306 M | 1x220-230 V~ | 0,62 | 0,37 | 0,5 | 2,7-2,8 | 10 | 450 |
| ACTIVE E 30/306 M | 1x220-230 V~ | 0,81 | 0,45 | 0,6 | 3,45-3,6 | 12,5 | 450 |
| ACTIVE E 40/306 M | 1x220-230 V~ | 0,95 | 0,55 | 0,75 | 4-4,5 | 12,5 | 450 |
| ACTIVE E 30/506 M | 1x220-230 V~ | 0,84 | 0,55 | 0,75 | 3,53-3,7 | 12,5 | 450 |
| ACTIVE E 40/506 M | 1x220-230 V~ | 1,17 | 0,8 | 1,1 | 6,1-6,4 | 25 | 450 |
| ACTIVE E 50/506 M | 1x220-230 V~ | 1,43 | 1 | 1,3 | 3,3-6,6 | 20 | 450 |

ACTIVE SYSTEM

ON/OFF AUTOMATIC ELECTRONIC BOOSTER SYSTEMS

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

CENTRIFUGAL PUMPS

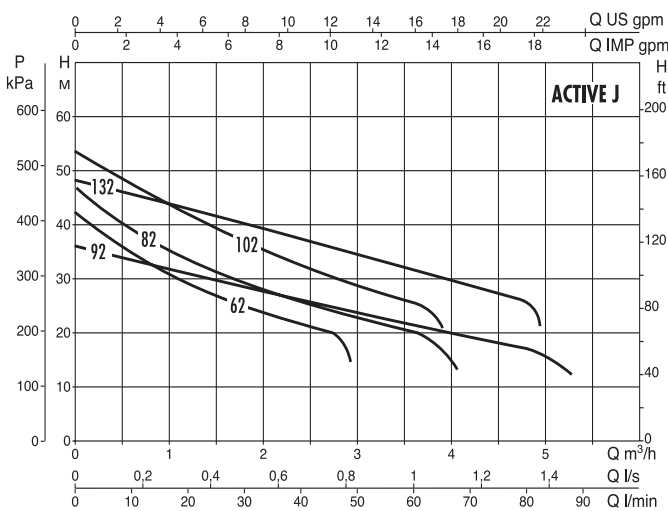
SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

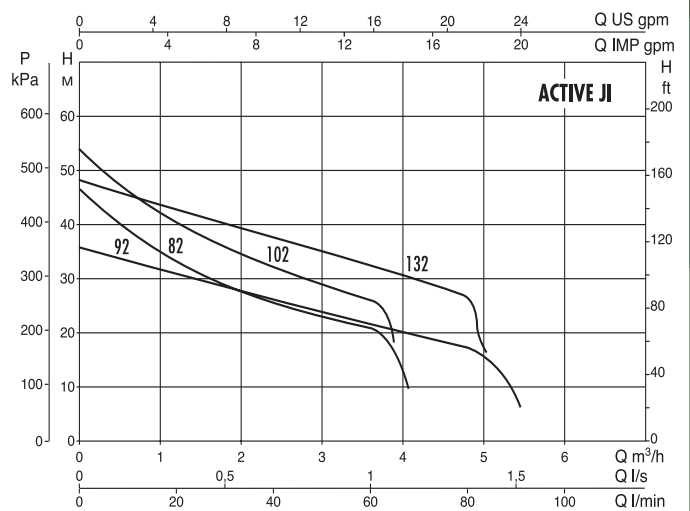
PRESSURE UNITS

| MODEL | ELECTRICAL DATA | | | | | | |
|--------------------|------------------|--------------|------------|------|-----------|-----------|-----|
| | VOLTAGE 60 Hz | P1 MÁX kW | P2 NOMINAL | | In A | CAPACITOR | |
| | | | kW | HP | | μF | Vc |
| ACTIVE EI 25/306 M | 1x220-230 V~ | 0,62 | 0,37 | 0,5 | 2,7-2,8 | 10 | 450 |
| ACTIVE EI 30/306 M | 1x220-230 V~ | 0,81 | 0,79 | 0,75 | 3,49-3,65 | 12,5 | 450 |
| ACTIVE EI 40/306 M | 1x220-230 V~ | 0,95 | 0,55 | 0,75 | 4-4,5 | 12,5 | 450 |
| ACTIVE EI 30/506 M | 1x220-230 V~ | 0,84 | 0,55 | 0,75 | 3,53-3,7 | 12,5 | 450 |
| ACTIVE EI 40/506 M | 1x220-230 V~ | 1,17 | 0,8 | 1,1 | 6,1-6,4 | 25 | 450 |
| ACTIVE EI 50/506 M | 1x220-230 V~ | 1,43 | 1 | 1,3 | 3,3-6,6 | 20 | 450 |
| ACTIVE EI 25/806 M | 1x220-230 V~ | 0,82 | 0,55 | 0,75 | 3,5-3,7 | 12,5 | 450 |
| ACTIVE EI 30/806 M | 1x220-230 V~ | 1,26 | 0,8 | 1,1 | 6,1-6,4 | 25 | 450 |
| ACTIVE EI 40/806 M | 1x220-230 V~ | 1,48 | 1 | 1,36 | 6,2-6,5 | 25 | 450 |

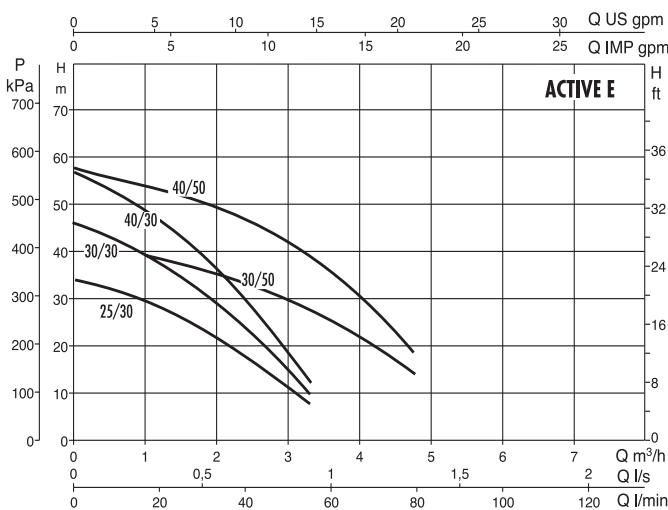
ACTIVE J



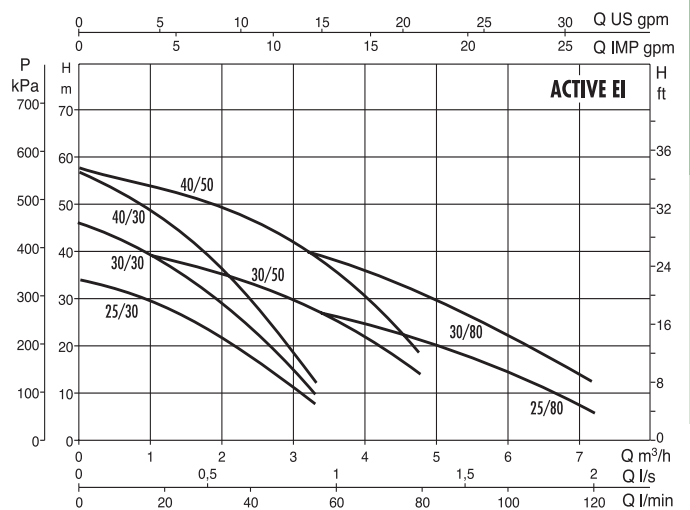
ACTIVE JI



ACTIVE E



ACTIVE EI



ACTIVE SYSTEM - HOUSEHOLD WATER SUPPLY

| MODEL | P2 NOMINAL | | Q m ³ /h l/min | 0 | 0,6 | 1,2 | 1,8 | 2,4 | 3,0 | 3,6 | 4,2 | 4,8 | 6 | 7,2 | |
|-------------------|------------|------|---------------------------------|------|------|------|------|------|------|------|------|------|------|-----|--|
| | kW | HP | | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 100 | 120 | |
| ACTIVE J 62 M | 0,44 | 0,6 | H (m) | 42,7 | 35 | 29,2 | 25,6 | 22,9 | 13 | | | | | | |
| ACTIVE J 82 M | 0,6 | 0,8 | | 47 | 40 | 34 | 30 | 26,2 | 23,5 | 20,3 | | | | | |
| ACTIVE J 102 M | 0,75 | 1 | | 53,8 | 47 | 41 | 36,3 | 32,4 | 28,8 | 25,8 | | | | | |
| ACTIVE J 92 M | 0,75 | 1 | | 36,2 | 33,5 | 31 | 28,4 | 26 | 24 | 21,8 | 19,6 | 17,5 | | | |
| ACTIVE J 132 M | 1 | 1,36 | | 48,3 | 45,6 | 42,8 | 40 | 37,6 | 35 | 32,5 | 30 | 27,2 | | | |
| ACTIVE JI 82 M | 0,6 | 0,8 | | 47 | 40 | 34 | 30 | 26,2 | 23,5 | 20,3 | | | | | |
| ACTIVE JI 102 M | 0,75 | 1 | | 53,8 | 47 | 41 | 36,3 | 32,4 | 28,8 | 25,8 | | | | | |
| ACTIVE JI 92 M | 0,75 | 1 | | 36,2 | 33,5 | 31 | 28,4 | 26 | 24 | 21,8 | 19,6 | 17,5 | | | |
| ACTIVE JI 132 M | 1 | 1,36 | | 48,3 | 45,6 | 42,8 | 40 | 37,6 | 35 | 32,5 | 30 | 27,2 | | | |
| ACTIVE JC 82 M | 0,6 | 0,8 | | 47 | 40 | 34 | 30 | 26,2 | 23,5 | 20,3 | | | | | |
| ACTIVE JC 102 M | 0,75 | 1 | | 53,8 | 47 | 41 | 36,3 | 32,4 | 28,8 | 25,8 | | | | | |
| ACTIVE JC 132 M | 1 | 1,36 | | 48,3 | 45,6 | 42,8 | 40 | 37,6 | 35 | 32,5 | 30 | 27,2 | | | |
| ACTIVE E 25/30 M | 0,37 | 0,5 | | 34,4 | 31,7 | 28,3 | 23,5 | 17,5 | 11 | | | | | | |
| ACTIVE E 30/30 M | 0,45 | 0,6 | | 46 | 42,2 | 37,8 | 31,2 | 23,3 | 14,3 | | | | | | |
| ACTIVE E 40/30 M | 0,55 | 0,75 | | 57 | 52,7 | 47 | 38,8 | 29 | 17,7 | | | | | | |
| ACTIVE E 30/50 M | 0,55 | 0,75 | | 42,2 | 40,2 | 38,2 | 36,2 | 33,8 | 30 | 24,8 | 19,5 | 14 | | | |
| ACTIVE E 40/50 M | 0,8 | 1,1 | | 57,7 | 55,3 | 52,8 | 50,1 | 47,1 | 42,7 | 35,8 | 28 | 19,2 | | | |
| ACTIVE EI 25/30 M | 0,37 | 0,5 | | 34,4 | 31,7 | 28,3 | 23,5 | 17,5 | 11 | | | | | | |
| ACTIVE EI 30/30 M | 0,45 | 0,6 | | 46 | 42,2 | 37,8 | 31,2 | 23,3 | 14,3 | | | | | | |
| ACTIVE EI 40/30 M | 0,55 | 0,75 | | 57 | 52,7 | 47 | 38,8 | 29 | 17,7 | | | | | | |
| ACTIVE EI 30/50 M | 0,55 | 0,75 | | 42,2 | 40,2 | 38,2 | 36,2 | 33,8 | 30 | 24,8 | 19,5 | 14 | | | |
| ACTIVE EI 40/50 M | 0,8 | 1,1 | | 57,7 | 55,3 | 52,8 | 50,1 | 47,1 | 42,7 | 35,8 | 28 | 19,2 | | | |
| ACTIVE EI 25/80 M | 0,55 | 0,75 | | 34 | | 33 | 32 | 30,5 | 28,5 | 26 | 23,5 | 21 | 14,5 | 6,5 | |
| ACTIVE EI 30/80 M | 0,8 | 1,31 | | 47 | | 46,5 | 45 | 43,5 | 41 | 38 | 34,5 | 31 | 23 | 12 | |
| ACTIVE EC 30/30 M | 0,45 | 0,6 | | 46 | 42,2 | 37,8 | 31,2 | 23,3 | 14,3 | | | | | | |
| ACTIVE EC 40/50 M | 0,8 | 1,1 | | 57,7 | 55,3 | 52,8 | 50,1 | 47,1 | 42,7 | 35,8 | 28 | 19,2 | | | |
| ACTIVE EC 30/80 M | 0,8 | 1,1 | | 47 | | 46,5 | 45 | 43,5 | 41 | 38 | 34,5 | 31 | 23 | 12 | |

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

CENTRIFUGAL PUMPS

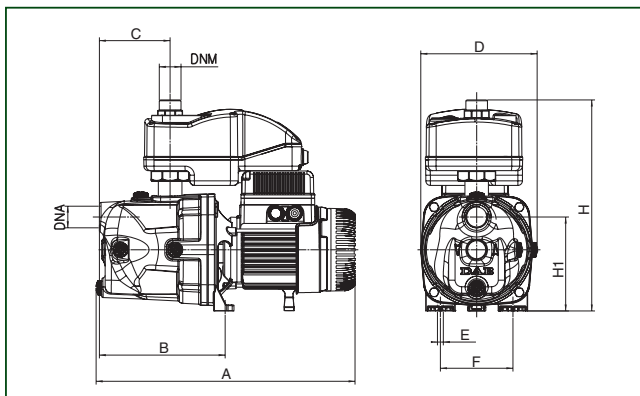
SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

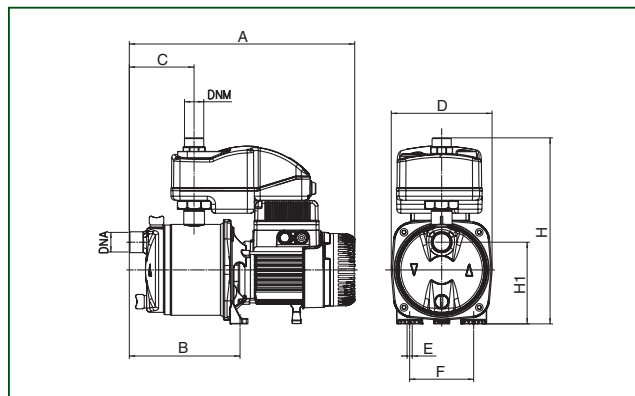
PRESSURE UNITS

DIMENSIONS AND WEIGHTS

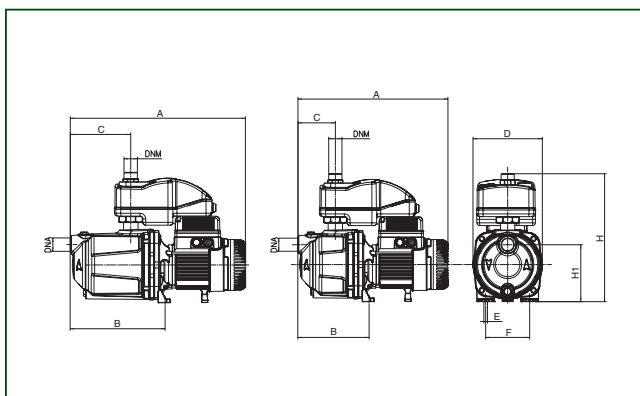
ACTIVE J



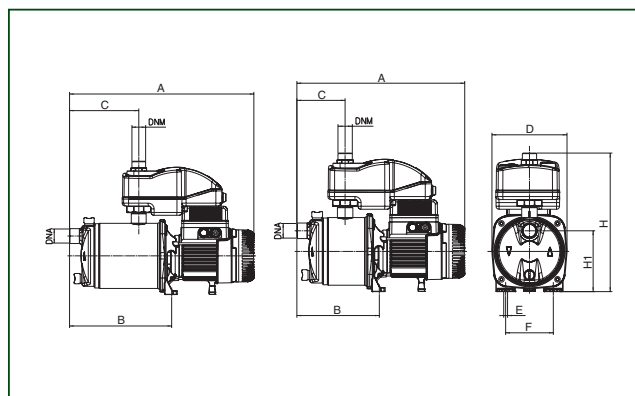
ACTIVE JI



ACTIVE E



ACTIVE EI



| MODEL | A | B | C | D | E | F | H | H1 | DNA (NPT) | DNM (NPT) | PACKING DIMENSIONS | | | WEIGHT Kg | Q.TY x PALLET |
|-------------------|-----|-----|-----|-----|---|-----|-----|-----|-----------|-----------|--------------------|-----|-----|-----------|---------------|
| | | | | | | | | | | | L/A | L/B | H | | |
| ACTIVE J 62 M | 395 | 192 | 108 | 178 | 9 | 111 | 322 | 144 | 1" | 1" | 476 | 234 | 348 | 10,50 | 14 |
| ACTIVE J 82 M | 395 | 192 | 108 | 178 | 9 | 111 | 322 | 144 | 1" | 1" | 476 | 234 | 348 | 13,20 | 14 |
| ACTIVE J 102 M | 395 | 192 | 108 | 178 | 9 | 111 | 322 | 144 | 1" | 1" | 476 | 234 | 348 | 12,50 | 14 |
| ACTIVE J 92 M | 395 | 192 | 108 | 178 | 9 | 111 | 322 | 144 | 1" | 1" | 476 | 234 | 348 | 11,70 | 14 |
| ACTIVE J 132 M | 395 | 192 | 108 | 178 | 9 | 111 | 322 | 144 | 1" | 1" | 476 | 234 | 348 | 13,50 | 14 |
| ACTIVE JI 82 M | 390 | 192 | 112 | 174 | 9 | 111 | 322 | 141 | 1" | 1" | 476 | 234 | 348 | 10,70 | 14 |
| ACTIVE JI 102 M | 390 | 192 | 112 | 174 | 9 | 111 | 322 | 141 | 1" | 1" | 476 | 234 | 348 | 12,50 | 14 |
| ACTIVE JI 92 M | 390 | 192 | 112 | 174 | 9 | 111 | 322 | 141 | 1" | 1" | 476 | 234 | 348 | 11,70 | 14 |
| ACTIVE JI 132 M | 390 | 192 | 112 | 174 | 9 | 111 | 322 | 141 | 1" | 1" | 476 | 234 | 348 | 13,50 | 14 |
| ACTIVE E 25/30 M | 377 | 180 | 94 | 175 | 9 | 111 | 322 | 144 | 1" | 1" | 476 | 234 | 348 | 10,90 | 14 |
| ACTIVE E 30/30 M | 432 | 235 | 149 | 175 | 9 | 111 | 322 | 144 | 1" | 1" | 476 | 234 | 348 | 12,90 | 14 |
| ACTIVE E 40/30 M | 432 | 235 | 149 | 175 | 9 | 111 | 322 | 144 | 1" | 1" | 476 | 234 | 348 | 13,00 | 14 |
| ACTIVE E 30/50 M | 377 | 180 | 94 | 175 | 9 | 111 | 322 | 144 | 1" | 1" | 476 | 234 | 348 | 11,70 | 14 |
| ACTIVE E 40/50 M | 432 | 235 | 149 | 175 | 9 | 111 | 322 | 144 | 1" | 1" | 476 | 234 | 348 | 15,60 | 14 |
| ACTIVE EI 25/30 M | 390 | 192 | 112 | 174 | 9 | 111 | 322 | 141 | 1" | 1" | 476 | 234 | 348 | 10,90 | 14 |
| ACTIVE EI 30/30 M | 445 | 247 | 167 | 174 | 9 | 111 | 322 | 141 | 1" | 1" | 476 | 234 | 348 | 13,50 | 14 |
| ACTIVE EI 40/30 M | 445 | 247 | 167 | 174 | 9 | 111 | 322 | 141 | 1" | 1" | 476 | 234 | 348 | 14,00 | 14 |
| ACTIVE EI 30/50 M | 390 | 192 | 112 | 174 | 9 | 111 | 322 | 141 | 1" | 1" | 476 | 234 | 348 | 10,00 | 14 |
| ACTIVE EI 40/50 M | 445 | 247 | 167 | 174 | 9 | 111 | 322 | 141 | 1" | 1" | 476 | 234 | 348 | 15,50 | 14 |
| ACTIVE EI 25/80 M | 390 | 192 | 112 | 174 | 9 | 111 | 322 | 141 | 1" | 1" | 476 | 234 | 348 | 9,50 | 14 |
| ACTIVE EI 30/80 M | 445 | 247 | 167 | 174 | 9 | 111 | 322 | 141 | 1" | 1" | 476 | 234 | 348 | 15,50 | 14 |



BOOSTER SILENT

ON/OFF AUTOMATIC ELECTRONIC BOOSTER SYSTEMS

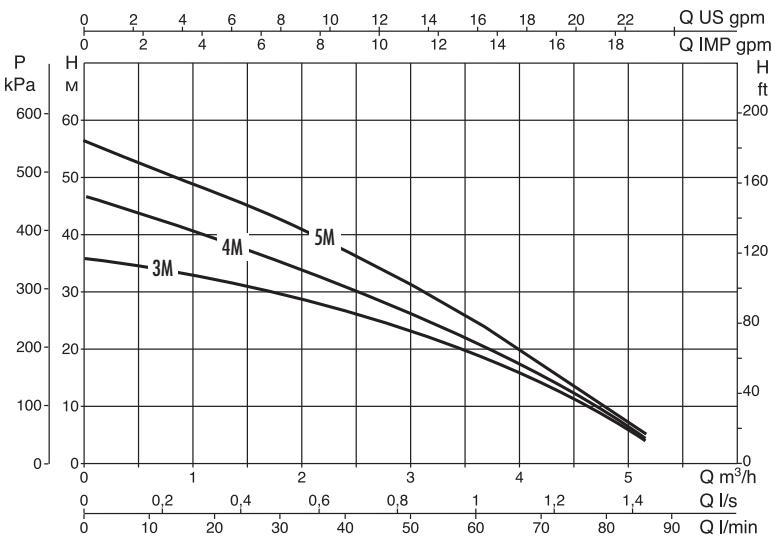


CE The world's quietest (67 dB) multi-impeller (3-4-5) self-priming pumps, with integral electronics for water supplies in homes and gardens. Equipped with an electronic safety device to prevent dry running. Integral check valve on suction. Automatic Starting and Stopping when tap is turned on or turned off.
 Manual and automatic reset
Supplied complete with power cable and plug.
Supplied with 2 l tank.
Operating range capacity up to 90 l/min; head up to 46 m.
Liquid temperature range
for domestic use from +35°C to +35°C

for other use from 0°C to +40°C
Liquid quality requirements Clean, free from solid or abrasive contaminants, non-viscous, non-aggressive, uncrystallised and chemically neutral.
Maximum suction depth 8 metres
Maximum ambient temperature +40°C
Protection rating IPX4
Insulation class F
Installation fixed or portable in a horizontal position.
Special executions on request
 alternative voltages and/or frequencies.

TECHNICAL DATA

| MODEL | ELECTRICAL DATA | | | | | | |
|--------------------|------------------|--------------|------------|------|-----------|-----------|-----|
| | VOLTAGE 60 Hz | P1 MAX kW | P2 NOMINAL | | In A | CAPACITOR | |
| | | | kW | HP | | μF | Vc |
| BOOSTER SILENT 3 M | 115-127 V~ | 0,930 | 0,65 | 0,8 | 7,91-8,2 | 35 | 250 |
| BOOSTER SILENT 3 M | 220-230 V~ | 0,762 | 0,55 | 0,75 | 3,06-3 | 12,5 | 450 |
| BOOSTER SILENT 4 M | 115-127 V~ | 0,1090 | 0,73 | 0,9 | 9,34-9,97 | 40 | 250 |
| BOOSTER SILENT 4 M | 220-230 V~ | 0,950 | 0,74 | 1 | 4,28-4,17 | 12,5 | 450 |
| BOOSTER SILENT 5 M | 115-127 V~ | 0,1180 | 0,77 | 1 | 9,33-9,75 | 40 | 250 |
| BOOSTER SILENT 5 M | 220-230 V~ | 0,1065 | 1 | 1,36 | 4,63-4,56 | 12,5 | 450 |



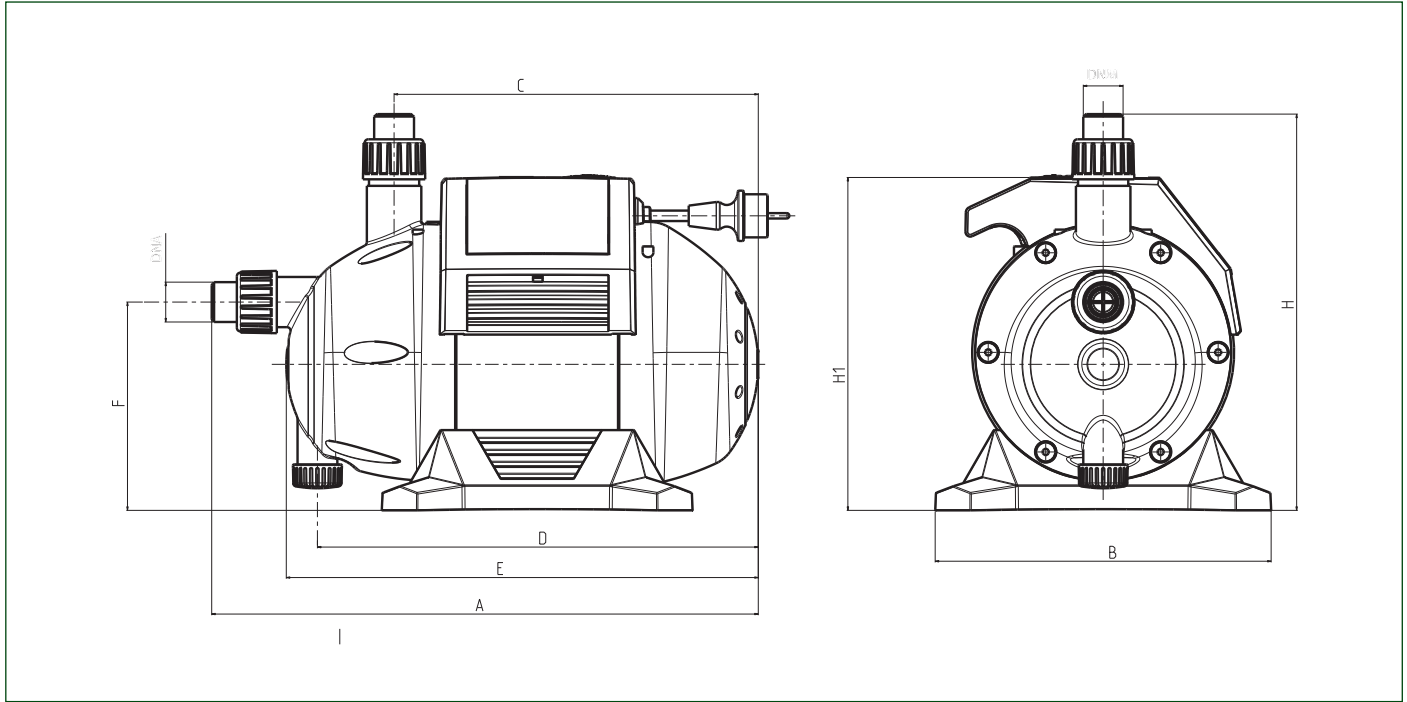
BOOSTER SILENT - HOUSEHOLD WATER SUPPLY

| MODEL | P2 NOMINAL | | Q m³/h l/min | 0 | 0,6 | 1,2 | 1,8 | 2,4 | 3,0 | 3,6 | 4,2 | 4,8 |
|--------------------|------------|------|--------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|
| | kW | HP | | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 |
| BOOSTER SILENT 3 M | 0,55 | 0,75 | H (m) | 37 | 34 | 32 | 31 | 27 | 23 | 19 | 15 | 8 |
| BOOSTER SILENT 4 M | 0,75 | 1 | | 47 | 43 | 40 | 35 | 31 | 27 | 22 | 17 | 9 |
| BOOSTER SILENT 5 M | 1 | 1,36 | | 57 | 52 | 48 | 43 | 38 | 31 | 25 | 18 | 10 |

BOOSTER SILENT

ON/OFF AUTOMATIC ELECTRONIC BOOSTER SYSTEMS

DIMENSIONS AND WEIGHTS



| MODEL | A | B | C | D | E | F | H | H1 | DNM (NPT) | DNA (NPT) | PACKING DIMENSIONS | | | WEIGHT Kg | Q.TY x PALLET |
|---------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----------|-----------|--------------------|-----|-----|-----------|---------------|
| | | | | | | | | | | | L/A | L/B | H | | |
| BOOSTER SILENT 3 M | 455 | 280 | 305 | 370 | 395 | 175 | 330 | 280 | 1" | 1" | 480 | 300 | 470 | 11,5 | 18 |
| BOOSTER SILENT 4 M | 455 | 280 | 305 | 370 | 395 | 175 | 330 | 280 | 1" | 1" | 480 | 300 | 470 | 11,5 | 18 |
| BOOSTER SILENT 5 M | 455 | 280 | 305 | 370 | 395 | 175 | 330 | 280 | 1" | 1" | 480 | 300 | 470 | 11,5 | 18 |

ACCESSORIES INCLUDED

| RIF. | DESCRIPTION |
|----------|---|
| A | 3-WAY FITTING |
| B | STRAIGHT FITTING |
| C | 2 LT TANK: <ul style="list-style-type: none"> · Diaphragm high-grade butyl membrane · Patented stainless steel water connection · Epoxy primed paint finish · Single diaphragm design · Virgin polypropylene liner · Leak free o-ring sealed air valve cap |

ESYBOX MINI³

ELECTRONIC PRESSURISATION SYSTEM

D+CONNECT



esybox mini³

ESYBOX MINI³ is the DAB compact automatic pressurisation system for the water supply of a single dwelling. ESYBOX MINI³ guarantees the comfort of constant pressure (Pressure Set Point adjustable from 1 up to 5,5 bar) inside the system, and energy savings thanks to the inverter technology. Suitable for use with drinking water, in domestic systems, and in gardening applications. ESYBOX MINI³ does not require any additional components for its installation. It consists of a high frequency self-priming double impeller pump, management inverter electronics, pressure and flow sensors, adjustable high resolution LCD display with 1 litre built-in expansion vessel, and cartridge check valve. The double suction and delivery ports allow both vertical and horizontal installation. Thanks to its compact sizes, installation is also possible in difficult places without high air exchange.

Operating range

capacity up to 80 l/min; head up to 55 m

Liquid quality requirements clean, free from solid or abrasive contaminants, non-viscous, non-aggressive, uncrystallised and chemically neutral.

Liquid temperature range from 0°C to +35°C for domestic use

for other use from 0°C to +40°C

Maximum suction depth 8 meters

Maximum ambient temperature +50°C

Maximum operating pressure 7,5 bar (750 kPa)

Motor protection rating IPX4

Insulation class F

Installation Horizontal or vertical fixed position

Special executions on request alternative types of electrical plug

TECHNICAL DATA

| MODEL | N° IMPELLERS | ELECTRICAL DATA | | | | HYDRAULIC DATA | | | | | | | | DNA GAS | DNM GAS | WT. KG | Q.TY X PALLET | |
|--|--------------|--------------------|--------|-----|------|----------------|------|------|------|------|------|------|------|---------|---------|--------|---------------|-----|
| | | VOLTAGE 50 - 60 Hz | P1 MAX | | In A | Q=m³h | 0,6 | 1,2 | 1,8 | 2,4 | 3,0 | 3,6 | 4,2 | | | | | 4,8 |
| | | | KW | HP | | | | | | | | | | | | | | |
| ESYBOX MINI ³ 115-127V USA PLUG | 2 | 1x220-240V ~ | 0,85 | 1,1 | 4,8 | H (m) | 55,0 | 55,0 | 49,0 | 39,0 | 31,0 | 23,0 | 14,0 | 4,0 | 1" | 1" | 14,6 | 18 |
| ESYBOX MINI ³ 220-240V NO PLUG | 2 | 1x220-240V ~ | 0,85 | 1,1 | 4,8 | | 55,0 | 55,0 | 49,0 | 39,0 | 31,0 | 23,0 | 14,0 | 4,0 | 1" | 1" | 14,6 | 18 |

The KIWA version is provided with additional pressure sensor in the suction side that blocks the pump if the inlet pressure is below the set limit, compliant with the KIWA standards.

APPLICATIONS



Apartments up to 3 floors, 2 bathrooms and 50m² of garden.



CERTIFICATIONS



SUITABLE FOR PUMPING WATER FROM:



WELLS DOWN TO 8 M DEEP



RAINWATER COLLECTION TANKS



TANKS



AQUEDUCT where permitted by law

SOUND PRESSURE** 45 db(A)

44 x 27 x 24 cm



HORIZONTAL



VERTICAL



*Compared to a traditional booster set in terms of medium usage conditions.

** Sound pressure measured at 1 meter distance in free field

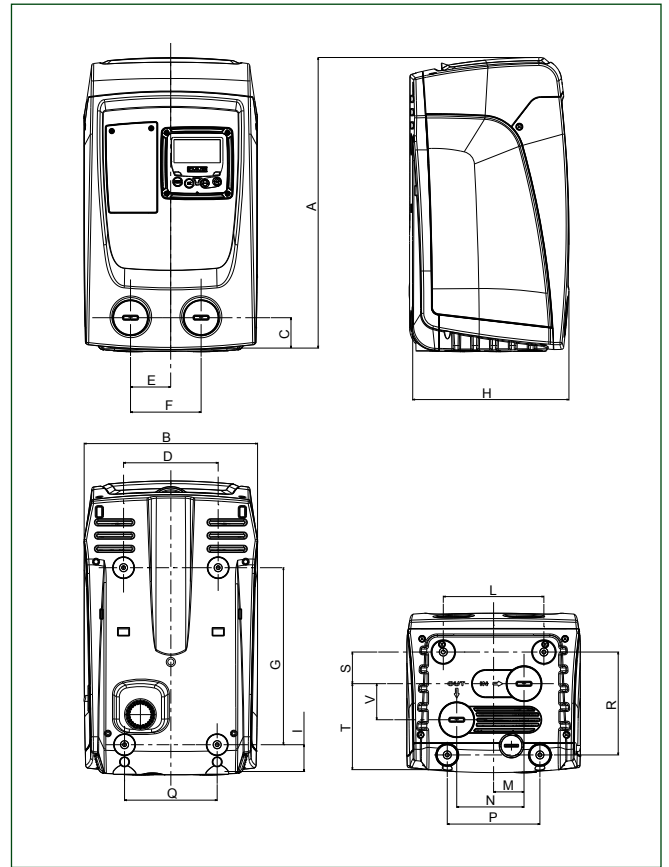
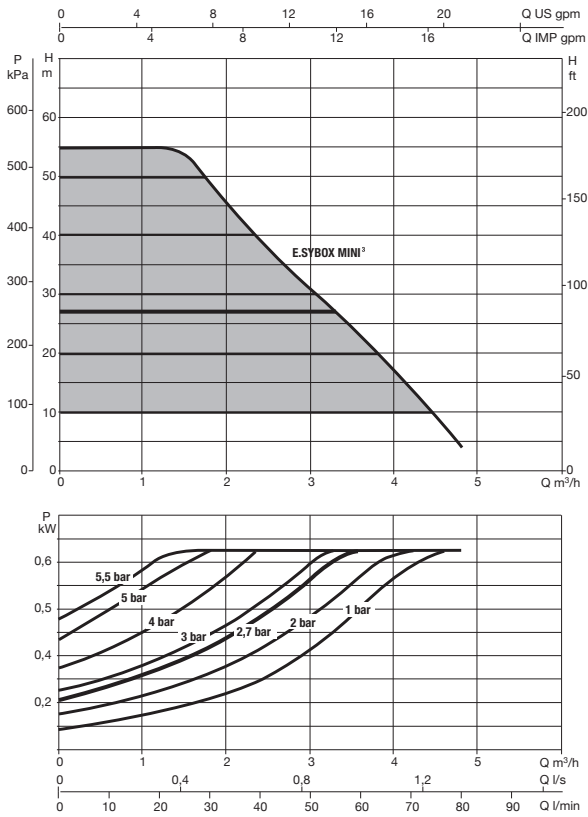
discover **esyline**
<https://esyline.dabpumps.com>



ESYBOX MINI³

ELECTRONIC PRESSURISATION SYSTEM

ESYBOX MINI³



DIMENSIONS AND WEIGHTS

| MODEL | A | B | C | D | E | F | G | H | I | L | M | N | P | Q | R | S | T | V | DNA | DNM | PACKING DIMENSIONS | | | WEIGHT Kg |
|--------------------------|-----|-----|----|-----|------|-------|-------|-----|------|-----|----|-------|-----|-----|-------|------|-----|------|-----|-----|--------------------|-----|-----|-----------|
| | | | | | | | | | | | | | | | | | | | | | L/A | L/B | H | |
| ESYBOX MINI ³ | 439 | 263 | 46 | 143 | 60,7 | 106,7 | 267,5 | 236 | 40,5 | 152 | 46 | 101,7 | 140 | 140 | 155,5 | 47,8 | 130 | 54,5 | 1" | 1" | 300 | 500 | 320 | 14,6 |

ACCESSORIES

| | MODEL |
|--|--|
| | <p>Kit composed of brackets, screws, plugs and two accessories to absorb vibrations.</p> <h3>E.SyWALL</h3> |
| | <p>Composed by Esycover + Esygrid mini that allows the installation of the esybox mini outdoors, protecting it from rain and foreign bodies.</p> <h3>E.Sycover + E.Sygrid</h3> <p>KIT OUTDOOR ESYBOX MINI³</p> <p>VERTICAL INSTALLATION ONLY</p> |

ESYBOX

ELECTRONIC PRESSURIZATION SYSTEM

D+CONNECT



2013



ESYBOX is DAB's new integrated system for pressurization in domestic and residential areas.

ESYBOX does not require any additional components for installation. It consists of a self-priming multistage pump, electronic inverter management, flow and pressure sensors, high-resolution swivel LCD display and an integrated 2 liter expansion tank. It can be installed both vertically and horizontally and even in tight spaces without a high air exchange.

The water-cooled engine, the hull protection in ABS with sound-absorbing function, the vibration damping feet and electronics make it an absolutely quiet (**43 dB**) and compact.

The wireless device facilitates the creation of pressurization units and connectivity with other DAB devices.

Degree of protection IP X 4

Insulation class F

Pumped liquid clean, free from solids or abrasive, non-aggressive, non-viscous, crystallized and not chemically neutral.

Maximum liquid temperature 40° C

Maximum ambient temperature 50° C

Maximum suction depth self priming up to 8 metres.

Maximum working pressure 8 bar (800 kPa).

e.sybox

| MODEL | ELECTRICAL DATA | | | | HYDRAULIC DATA | | | | | | | | | | | | | DNA GAS | DNM GAS | WT. KG | Q.TY X PALLET | |
|----------------------|--------------------|--------|-----|---------|----------------|----|------|------|------|-----|-----|-----|------|-----|------|-----|-----|---------|---------|--------|---------------|-----|
| | VOLTAGE 50 - 60 Hz | P1 MAX | | I MAX A | Q=m³/h | 0 | 0,6 | 1,2 | 1,8 | 2,4 | 3,0 | 3,6 | 4,2 | 4,8 | 5,4 | 6 | 6,6 | | | | | 7,2 |
| | | kW | HP | | Q=l/min | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 110 | | | | | 120 |
| ESYBOX | 1x220-240V ~ | 1,55 | 2,1 | 10 | H (m) | 65 | 63,5 | 61,5 | 59,5 | 57 | 53 | 48 | 41,5 | 35 | 27,5 | 19 | 10 | 2 | 1" | 1" | 27 | 6 |
| ESYBOX - KIWA | 1x220-240V ~ | 1,55 | 2,1 | 10 | H (m) | 65 | 63,5 | 61,5 | 59,5 | 57 | 53 | 48 | 41,5 | 35 | 27,5 | 19 | 10 | 2 | 1" | 1" | 27 | 6 |

The KIWA version is provided with additional pressure sensor in the suction side that blocks the pump if the inlet pressure is below the set limit, compliant with the KIWA standards.

APPLICATIONS



Esybox

Houses and small apartment complexes up to 6 floors and a maximum of 9 apartments.

Esytwin

Small and large apartment complexes up to 9 floors and a maximum of 17 apartments.

CERTIFICATIONS



SUITABLE FOR PUMPING WATER FROM:



WELLS DOWN TO 8 M DEEP



RAINWATER COLLECTION TANKS



TANKS



AQUEDUCT where permitted by law

SINGLE ESYBOX DIMENSIONS
57 x 27 x 35 cm

SOUND PRESSURE** 43 db(A)



KIT DIMENSIONS
73 x 75 x 35 cm



KIT 2 ESYBOX

| MODEL |
|----------------------------|
| KIT 2 ESYBOX + ESYTWIN *** |

discover **e.syline**
<https://esyline.dabpumps.com>



*Compared to a traditional booster set in terms of medium usage conditions.

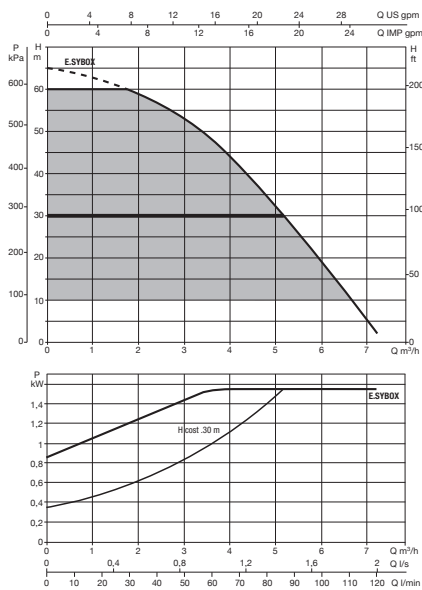
** Sound pressure measured at 1 meter distance in free field

*** Unmounted provided

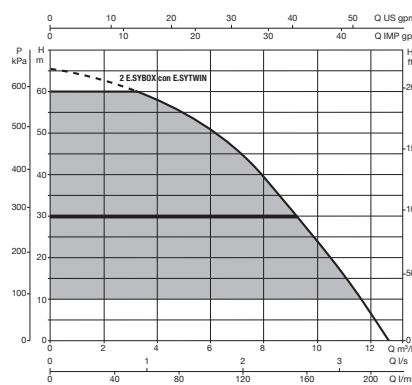
TECHNICAL DATA

| MODEL | ELECTRICAL DATA | | | HYDRAULIC DATA | | | | | | | | | | | | | | |
|-----------------------|-----------------------|--------|-----|----------------|---------------------|----|------|------|------|-----|-----|-----|------|-----|------|-----|-----|-----|
| | VOLTAGE 50 - 60 Hz | P1 MAX | | I MAX A | Q=m ³ /h | 0 | 0,6 | 1,2 | 1,8 | 2,4 | 3,0 | 3,6 | 4,2 | 4,8 | 5,4 | 6 | 6,6 | 7,2 |
| | | kW | HP | | Q=l/min | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 110 | 120 |
| ESYBOX - SCHUKO - GAS | 1x220-240 V ~ | 1,55 | 2,1 | 10 | H (m) | 65 | 63,5 | 61,5 | 59,5 | 57 | 53 | 48 | 41,5 | 35 | 27,5 | 19 | 10 | 2 |
| ESYBOX - NPT US PLUG | 1x220-240 V ~ | 1,55 | 2,1 | 10 | H (m) | 65 | 63,5 | 61,5 | 59,5 | 57 | 53 | 48 | 41,5 | 35 | 27,5 | 19 | 10 | 2 |

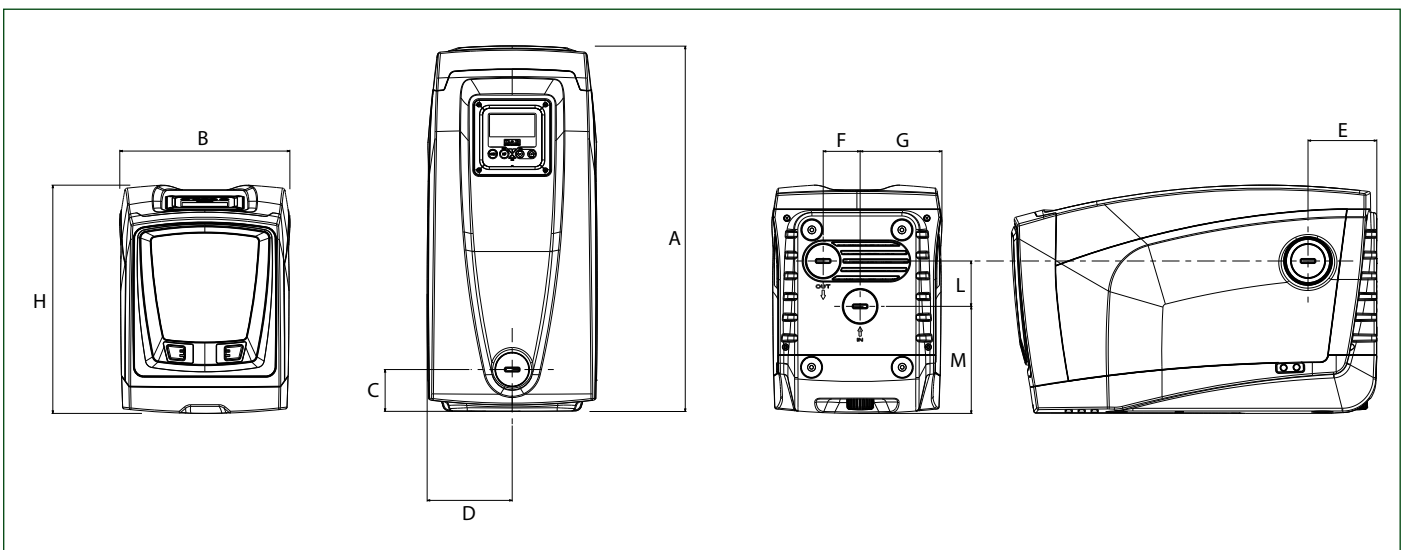
ESYBOX



ESYBOX TWIN




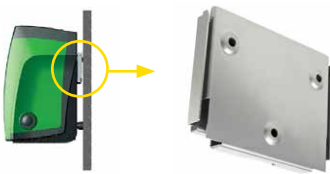
DIMENSIONS AND WEIGHTS



| MODEL | A | B | C | D | E | F | G | H | L | M | DNA | DNM | PACKING DIMENSIONS | | | WEIGHT Kg | Q.TY x PALLET |
|-----------------------|-----|-----|----|-------|-----|----|-------|-----|----|-------|-----|-----|--------------------|-----|-----|--------------|---------------------|
| | | | | | | | | | | | | | L/A | L/B | H | | |
| ESYBOX - SCHUKO - GAS | 564 | 263 | 65 | 131,5 | 106 | 57 | 126,2 | 362 | 70 | 165,2 | 1" | 1" | 685 | 360 | 490 | 27 | 6 |
| ESYBOX - NPT SPINA US | 564 | 263 | 65 | 131,5 | 106 | 57 | 126,2 | 362 | 70 | 165,2 | 1" | 1" | 685 | 360 | 490 | 27 | 6 |

ESYLINE - ACCESSORIES

ELECTRONIC PRESSURIZATION SYSTEM

| | MODEL |
|---|---|
|  <p>ALSO SUITABLE FOR ESYBOX MINI³</p> | <p>KIT PIPE UNION 3PCS MF 1" WITH O-RING</p> <p>Kit consisting of 2 x 3-piece unions, to facilitate the connection of Esybox and Esybox mini³ to the system</p> |
|  <p>ALSO SUITABLE FOR ESYBOX MINI³</p> | <p>ESYWALL</p> <p>Kit complete with brackets, screws, dowels and two accessories for absorption of vibrations.</p> |

| KIT OUTDOOR | MODEL |
|---|--|
|  <p>FOR ESYBOX</p> | <p>ESYCOVER + ESYGRID</p> <p>KIT OUTDOOR ESYBOX</p> <p>Consisting of Esycover + Esygrid, which allows the installation of ESYBOX outside, protecting it from rain and the entry of foreign bodies.</p> <p>Vertical installation only.</p> |
|  <p>FOR ESYBOX MINI³</p> | <p>ESYCOVER + ESYGRID</p> <p>KIT OUTDOOR ESYBOX MINI³</p> <p>Consisting of Esycover + Esygrid, which allows the installation of ESYBOX MINI³ outside, protecting it from rain and the entry of foreign bodies.</p> <p>Vertical installation only.</p> |



ESYGRID

INSECT GRILLS

Suitable for vertical or horizontal installation.
Suitable for both Esybox and Esybox mini³.

ESYCOVER




OUTSIDE INSTALLATION

Suitable for both Esybox and Esybox mini³.



ESYLINE - ACCESSORIES

ELECTRONIC PRESSURIZATION SYSTEM

| | | MODEL |
|--|---|-------|
|  <p>WRAS APPROVED PRODUCT</p> <p>18 x 29 x 32 cm</p> | <h2>ESYDOCK</h2> <p>Thanks to the 4 plumbing configuration possibilities offers an installation even more rapid, easy and flexible. It is complete with all the interfaces required for connecting to the system. It incorporates anti vibration feet to ensure the same quietness as Esybox.</p> | |
|  <p>WRAS APPROVED PRODUCT</p> <p>23 x 75 x 35 cm</p> | <h2>ESYTWIN</h2> <p>Esytwin is the evolution of Esydock, of which maintains all the benefits, for the creation of two groups of pumps. Esytwin offers exceptional performance thanks to possibility of combined operation with a reduced size of 50% compared to any other equivalent traditional system.</p> | |
|  | <h3>ESYTWIN DOUBLE CONNECTION KIT</h3> <p>2" T suction and delivery manifold connection kit for the connection of 2 Esytwin and the creation of boosters with up to 4 Esybox.</p> <p>Suction and delivery manifold, each one consisting of:</p> <ul style="list-style-type: none"> no. 2 x 1"1/4 Nipples no. 2 x 1"1/4 female -and 2" male reductions no. 3 x 2" 3-piece connectors no. 1 x 2" female T connector | |



**DELIVERY AND SUCTION
FITTING 1" 1/4**



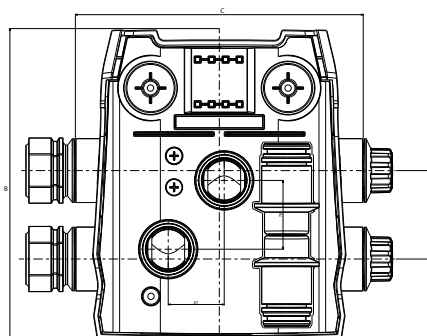
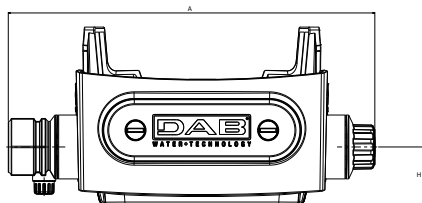
68 x 29 x 35 cm



**KIT DIMENSIONS
73 x 75 x 35 cm**

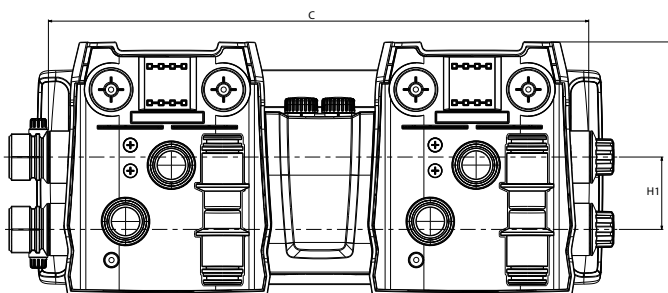
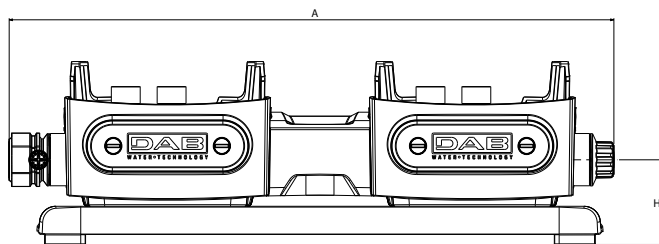
ACCESSORIES DIMENSIONS AND WEIGHTS

ESYDOCK



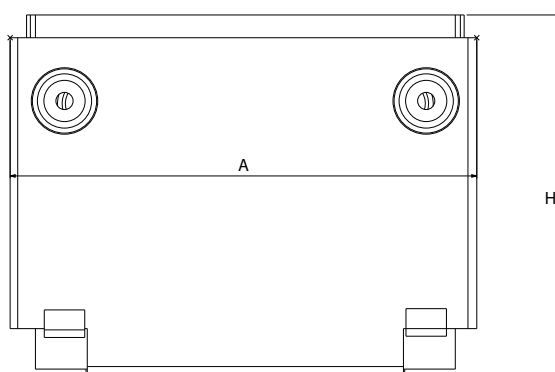
| MODEL | A | B | C | H | H1 | PACKING DIMENSIONS | | | WEIGHT Kg | Q.TY x PALLET |
|---------------|-----|-------|-----|----|----|--------------------|-----|-----|--------------|------------------|
| | | | | | | L/A | L/B | H | | |
| ESYDOCK - GAS | 373 | 318,5 | 293 | 58 | 90 | 346 | 295 | 230 | 4 | 32 |
| ESYDOCK - NPT | 373 | 318,5 | 293 | 58 | 90 | 346 | 295 | 230 | 4 | 32 |

ESYTWIN



| MODEL | A | B | C | H | H1 | PACKING DIMENSIONS | | | WEIGHT Kg | Q.TY x PALLET |
|---------------|-----|-----|-----|-------|----|--------------------|-----|-----|--------------|------------------|
| | | | | | | L/A | L/B | H | | |
| ESYTWIN - GAS | 752 | 317 | 672 | 105,3 | 90 | 734 | 330 | 260 | 11,8 | 12 |
| ESYTWIN - NPT | 752 | 317 | 672 | 105,3 | 90 | 734 | 330 | 260 | 11,8 | 12 |


ESYWALL




| MODEL | A | H | PACKING DIMENSIONS | | | WEIGHT Kg | Q.TY x PALLET |
|---------|-------|-------|--------------------|-----|----|--------------|------------------|
| | | | L/A | L/B | H | | |
| ESYWALL | 184,5 | 143,5 | 350 | 250 | 46 | 1 | 153 |

ESYLINE - ACCESSORIES

ELECTRONIC PRESSURIZATION SYSTEM

| | | MODEL | |
|--|--|-----------------------------|----------------------------------|
|  <p>* Esybox not included</p> <p>166 x 87 x 60 cm</p> | <h2>ESYTANK</h2> <p>Tank specially studied to better integrate with Esybox and equipped with:</p> <ul style="list-style-type: none"> • Esydock (specially versioned) for quick connection. • suction hose with foot valve • filling valve from the water supply with float • Overflow • flow connection • preparation for ground mounting • inspection plug <p>Capacity 500 L with the possibility of expansion on 3 sides.</p> | ESYTANK TYPE AG OVERFLOW | |
| | | | ESYTANK CAT5 TYPE AB OVERFLOW |
|  | <h2>ESYTANK AUXILIARY CITERN</h2> <p>The ESYTANK AUXILIARY CITERN is supplied without any fittings or the ESYDOCK. The tank has a modular design to couple easily with other ESYTANK units, making the system expandable to the necessary capacity. It can be connected on three sides (at side and rear) using the ESYTANK TANK COUPLING KIT</p> | | |
|  | <h2>ESYTANK COUPLING KIT</h2> <p>The ESYTANK COUPLING KIT is composed of a PVC sleeve with gasket (D.160 mm L=150), two PVC aligning pipes (D.50mm x L=60) and a connecting ring nut for a 2-pump option. It allows the connection of several ESYTANK units or between ESYTANK and ESYTANK AUXILIARY CITERN.</p> | | |
|  | <h2>ESYTANK OPTIONAL DELIVERY KIT</h2> <p>Composed of a 1" PP pipe. It allows an auxiliary delivery for single tank systems or with the COUPLING KIT it allows several ESYTANK and ESYBOX systems to be linked together and to create pressure boosting units with several pumps and tanks.</p> | | |

| | | MODEL | |
|---|---|-------|--|
|  | <h2>KIT ESYLINK *</h2> <p>Esylink with power supplier and electric box.</p> | | |

* Provided to be wired

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS



Ebox plus is an electronic control panel for the protection and automatic operation of one or two submersible pumps or pressurizing both single-phase and three-phase, installed in domestic, civil and industrial environments.

Ebox basic is an electronic control panel for the protection and automatic operation of one or two electronic submersible pumps or single-phase pressurization for domestic applications.

Nominal tension of power supply

Ebox plus 1x 230 V / 3 x 230 V - 3 x 400 V (automatic selection)

Ebox basic 1x 230 V

Frequency 50 - 60 Hz

Maximum use of power

Ebox plus 5,5 kWatt + 5,5 kWatt

Ebox basic 2,2 kWatt + 2,2 kWatt

Maximum use of current 12 A + 12 A

Starting capacitor

KIT supplied as an accessory

Limits of use ambient temperature

-10° C + 40° C

Limits of storage temperature

-25° C + 55° C

Relative humidity to the air 90% a 20° C

Max altitude max 1000 s.l.m.

Degree of protection IP 55

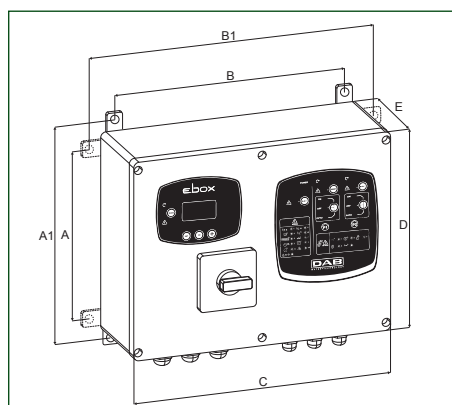
Reference standard for the construction of the panels EN 60335-1



TECHNICAL DATA

| MODEL | VOLTAGE 60 HZ | STARTING | P2 NOMINAL | | MAX CURRENT A | DISPLAY |
|---------------------------------------|------------------|----------|------------|-------|---------------------|---------|
| | | | kW x2 | HP x2 | | |
| EBOX BASIC 230/50-60 | 1X230V~ | DIRECT | 2,2 | 3 | 12+12 | |
| EBOX PLUS 230-400V/50-60 | 1X230V~ | DIRECT | 2,2 | 3 | 12+12 | |
| | 3X230V~ | | 3 | 4 | | |
| | 3X400V~ | | 5,5 | 7,5 | | |
| EBOX BASIC D 230/50-60 | 1X230V~ | DIRECT | 2,2 | 3 | 12+12 | • |
| EBOX PLUS D 230-400V/50-60 | 1X230V~ | DIRECT | 2,2 | 3 | 12+12 | • |
| | 3X230V~ | | 3 | 4 | | |
| | 3X400V~ | | 5,5 | 7,5 | | |

DIMENSIONS AND WEIGHTS



| MODEL | A | A1 | B | B1 | C | D | E | PACKING DIMENSIONS | | | WEIGHT Kg |
|-----------------------------------|-----|-----|-----|-----|-----|-----|-----|--------------------|-----|-----|--------------|
| | | | | | | | | L/A | L/B | H | |
| EBOX BASIC 230/50-60 | 212 | 265 | 282 | 337 | 320 | 260 | 120 | 250 | 430 | 310 | 4 |
| EBOX PLUS 230-400V/50-60 | 212 | 265 | 282 | 337 | 320 | 260 | 120 | 250 | 430 | 310 | 5 |
| EBOX BASIC D 230/50-60 | 212 | 265 | 282 | 337 | 320 | 260 | 120 | 250 | 430 | 310 | 4 |
| EBOX PLUS D 230-400V/50-60 | 212 | 265 | 282 | 337 | 320 | 260 | 120 | 250 | 430 | 310 | 5 |

SMART PRESS

ON/OFF CONTROLLER



SMART PRESS is an ON/OFF electronic device designed to switch the pump ON/OFF without using an expansion vessel. The device protects the pump against dry running without using level probes or float switch.

It has an adjustable cut-in pressure and even with a high flow the pressure losses are small. All the SMART PRESS models have a MANUAL AND AUTOMATIC RESTART.

SMART PRESS

TECHNICAL DATA

| MODEL | VOLTAGE 60 HZ | HP | SETTING PRESSURE bar | DNA GAS | DNA NPT | DNM GAS | DNM NPT | WEIGHT Kg | Q.TY X PALLET |
|--|------------------|-----|----------------------------|------------|------------|------------|------------|--------------|---------------------|
| SMART PRESS WG 1,5 – AUTOMATIC RESET – WITHOUT CABLE | 1 x 230V | 1,5 | 1,5 | 1" M | | 1 1/4" F | | 1,3 | 100 |
| SMART PRESS WG 1,5 – AUTOMATIC RESET – WITH CABLE | 1 x 230V | 1,5 | 1,5 | 1" M | | 1 1/4" F | | 1,6 | 100 |
| SMART PRESS WG 3,0 – AUTOMATIC RESET – WITHOUT CABLE | 1 x 230V | 3 | 1,5 | 1" M | | 1 1/4" F | | 1,3 | 100 |
| SMART PRESS WG 3,0 – AUTOMATIC RESET – WITH CABLE | 1 x 230V | 3 | 1,5 | 1" M | | 1 1/4" F | | 1,6 | 100 |
| SMART PRESS WG 1,5 - AUTOMATIC RESET - 2,8 BAR - WITHOUT CABLE - NPT | 1 x 230V | 1,5 | 2,8 | | 1" M | | 1 1/4" F | 1,3 | 100 |
| SMART PRESS WG 3,0 - AUTOMATIC RESET - 2,8 BAR - WITH CABLE - NPT | 1 x 230V | 3 | 2,8 | | 1" M | | 1 1/4" F | 1,6 | 100 |
| SMART PRESS WG 1,5 – AUTOMATIC RESET – WITHOUT CABLE - NPT | 1 x 230V | 1,5 | 1,5 | | 1" M | | 1 1/4" F | 1,3 | 100 |
| SMART PRESS WG 1,5 – AUTOMATIC RESET – WITH CABLE - NPT | 1 x 230V | 1,5 | 1,5 | | 1" M | | 1 1/4" F | 1,6 | 100 |
| SMART PRESS WG 3,0 – AUTOMATIC RESET – WITHOUT CABLE - NPT | 1 x 230V | 3 | 1,5 | | 1" M | | 1 1/4" F | 1,3 | 100 |
| SMART PRESS WG 3,0 – AUTOMATIC RESET – WITH CABLE - NPT | 1 x 230V | 3 | 1,5 | | 1" M | | 1 1/4" F | 1,6 | 100 |
| SMART PRESS WG 1,5 – AUTOMATIC RESET – WITHOUT CABLE - NPT - 110V | 1 X 115V | 1,5 | 1,5 | | 1" M | | 1 1/4" F | 1,3 | 100 |
| SMART PRESS WG 1,5 – AUTOMATIC RESET – WITH CABLE - NPT-110V | 1 X 115V | 1,5 | 1,5 | | 1" M | | 1 1/4" F | 1,6 | 100 |

NOTES

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS



MULTISTAGE CENTRIFUGAL AND SELF - PRIMING PUMPS ACCESSORIES

DCONNECT

COMMAND AND
CONTROL SYSTEMS

CIRCULATORS AND
IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL
AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND
SALT WATER PUMPS

CENTRIFUGAL PUMPS


SUBMERSIBLE PUMPS


SUBMERSIBLE PUMPS
AND SUBMERSIBLE MOTORS


PRESSURE UNITS



ACCESSORIES



CENTRIFUGAL AND SELF PRIMING PUMPS

| EXPANSION VESSELS | DESCRIPTION |
|---|---------------------------|
|  <p>100/310/450 LITRE V 20/60 LITRE H 2/8/18 LITRE V</p> | 2 LT. TANK 10 BAR V - G |
| | 8 LT. TANK 10 BAR V - G |
| | 18 LT. TANK 10 BAR V - G |
| | 18 LT. TANK 16 BAR V - G |
| | 20 LT. TANK 10 BAR H - G |
| | 60 LT. TANK 10 BAR H - G |
| | 100 LT. TANK 10 BAR V - G |
| | 310 LT. TANK 10 BAR V - G |
| | 450 LT. TANK 10 BAR V - G |

| ACQUABOX ASSEMBLY KIT | DESCRIPTION |
|---|---|
|  | FLEXIBLE PIPE KIT AQUAJET RED VESSEL 20L |
| | FLEXIBLE PIPE KIT AQUAJETINOX RED VESSEL 20L |
| | FLEXIBLE PIPE KIT AQUAJET WHITE VESSEL 20L |
| | FLEXIBLE PIPE KIT AQUAJETINOX WHITE VESSEL 20L / RED VESSEL 60L |



| ACQUABOX ASSEMBLY KIT | DESCRIPTION |
|---|---|
|  | DIAPH. FOR AQUABOX V 8 LT. BUTYL |
| | DIAPH. FOR AQUABOX "V" 20LT. - 16 BAR BUTYL |
| | DIAPH. FOR AQUABOX 19-20 LT. BUTYL |


| MANOMETERS | DESCRIPTION |
|---|--|
|  | AXIAL PRESS. GAUGE 6 BAR D.50, 1/4" COUPL. |
| | AXIAL PRESS. GAUGE 12 BAR D.63, 1/4" COUPL. |
|  | RADIAL PRESS. GAUGE 12 BAR D.63, 1/4" COUPL. |


| PRESSURE SWITCH | DESCRIPTION |
|---|--|
|  | PRESS. SWITCH 6 BAR |
| | PRESS. SWITCH 6 BAR - XMP |
| | PRESS. SWITCH 12 BAR - XMP |
|  | MIN. PRESS. SWITCH XMX A06L 1/4" F IP 43 |

ACCESSORIES

CENTRIFUGAL AND SELF PRIMING PUMPS

| CONNECTORS | DESCRIPTION |
|---|----------------------------|
|  | 3 - WAY BRASS CONNECTOR 1" |
|  | 5 - WAY BRASS CONNECTOR 1" |


| FOOT VALVES | DESCRIPTION |
|--|-------------------|
|  FOOT VALVE 3/4" | FOOT VALVE 3/4" |
| | FOOT VALVE 1" |
| | FOOT VALVE 1 1/4" |


| NON-RETURN VALVES | DESCRIPTION |
|--|-------------------------|
|  NON-RETURN VALVE 3/4" | NON-RETURN VALVE 3/4" |
| | NON-RETURN VALVE 1" |
| | NON-RETURN VALVE 1 1/4" |
| | NON-RETURN VALVE 1 1/2" |
| | NON-RETURN VALVE 2" |

| CONTROL-D | DESCRIPTION |
|---|--|
|  | CONTROL-D 1,2 BAR 1.5 KW WITHOUT CABLE |
| | CONTROL-D 1,5 BAR 1.5 KW WITHOUT CABLE |
| | CONTROL-D 2,2 BAR 1.5 KW WITHOUT CABLE |
| | CONTROL-D 1,2 BAR 1.5 KW WITH CABLE |
| | CONTROL-D 1,5 BAR 1.5 KW WITH CABLE |
| | CONTROL-D 2,2 BAR 1.5 KW WITH CABLE |
| | CONTROL-D SET 1.5 KW WITHOUT CABLE |
| | CONTROL-D SET 1.5 KW WITH CABLE |
| | CONTROL -D GSET 1.5 KW WITHOUT CABLE |

ACCESSORIES

CENTRIFUGAL AND SELF PRIMING PUMPS

| FLEXIBLE PIPE | DESCRIPTION |
|---|---|
|  | <p>ACTIVE FLEXIBLE PIPE FOR HYDRAULIC CONNECTION</p> |

| TANK KIT BOOSTER SILENT | DESCRIPTION |
|---|--|
|  | <p>3-WAY FITTING</p> |
| | <p>STRAIGHT FITTING</p> |
| | <p>2 LT TANK:</p> <ul style="list-style-type: none"> · diaphragm high-grade butyl membrane · Patented stainless steel water connection · Epoxy primed paint finish · Single diaphragm design · Virgin polypropylene liner · Leak free o-ring sealed air valve cap |

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

INDEX - SWIMMING POOL, POND AND SALT WATER PUMPS



ESWIM - EPRO

ELECTRONIC SWIMMING POOL PUMPS

PAGE 268



EUROCOVER

SWIMMING POOL SUBMERSIBLE PUMPS

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EUROSWIM

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EUROPRO HIGH FLOW

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DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

ESWIM - EPRO

ELECTRONIC SWIMMING POOL PUMPS

E.SWIM



E.pro



Electronic pumps with variable frequency drive for swimming pools and fish farms suitable for filtering salt or chlorine water in residential building service and commercial building service.

The pumps are quiet, programmable and equipped with a large inspectable pre-filter.

ESwim 150 and ESwim 150 SVRS have a 12-pin control card which makes them compatible with any control panel, both analog and digital. Lid of the pre-filter in transparent polycarbonate and in antioxidant material for an easy visual inspection. Permanent magnet synchronous motor, brushless. The motor is cooled by the pumped liquid, it is without cooling fan so the noise level is only 45 dB. Bayonet lid closure for ESwim, lid closure with wing screws for EPro. It is possible to remote control the pumps via 0-10 V, 4-20 mA and PWM signal. Thanks to the variable frequency drive, the pumps can operate at constant speed or with constant flow (without the use of sensors) to optimize performance and minimize energy consumption. The control panel has 4 buttons with 8 programmable speeds and status and alarm signaling LEDs. There is a menu for weekly and seasonal programming. The SVRS version is equipped with a software function that disables pump suction if an obstruction is detected. "SVRS" is an acronym that means Safety Vacuum Release Systems.

Flow rate maximum

150 versions: 32 m³/h
300 versions: 42,6 m³/h

Head up to

150 versions: 16 m
300 versions: 26 m

Type of pumped liquid Clean or slightly dirty water with suspended solid bodies, long fibers; particularly aggressive water with high percentages of chlorine / bromine and PHMB (Polyhexamethylene Biguanide) or water treated with chlorine electrolysis process

Maximum % of glycol 6,5 - 8,4

Max. supported liquid temperature +40°C

Maximum ambient temperature +50°C

Maximum operating pressure bar / kPa

150 versions: 2,5 bar
300 versions: 2,8 bar

Class of protection

150 versions: IP 55
300 versions: IP 56

Motor insulation class F

Impeller/s material Techopolimer



Certified to NSF/ANSI Standard 50



TECHNICAL DATA

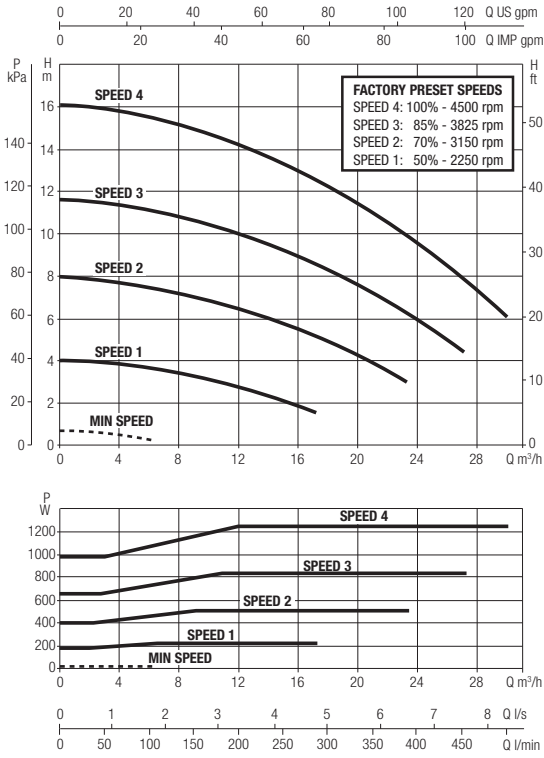
| MODEL | ELECTRICAL DATA | | | | | HYDRAULIC DATA | | | | | | | | | | | | DNA GAS | DNM GAS | WEIGHT KG | Q.TY X PALLET | |
|-----------|-----------------|-----------|------------|-----|------|---------------------|------|------|------|------|------|-----|-----|-----|---------|---------|-----------|---------|---------|-----------|---------------|---------------|
| | VOLTAGE 60 Hz | P1 MAX kW | P2 NOMINAL | | In A | Q=m ³ /h | 0 | 6 | 12 | 18 | 21 | 24 | 27 | 30 | DNA GAS | DNM GAS | WEIGHT KG | | | | | Q.TY X PALLET |
| | | | kW | HP | | Q=l/min | 0 | 100 | 200 | 300 | 350 | 400 | 450 | 500 | | | | | | | | |
| ESWIM 150 | 230 V | 1,25 | 1,1 | 1,5 | 5,6 | H (m) | 15,9 | 15,7 | 14,4 | 12,2 | 10,9 | 9,4 | 7,9 | 6,3 | 2" | 2" | 19 | 8 | | | | |
| EPRO 150 | 230 V | 1,25 | 1,1 | 1,5 | 5,6 | H (m) | 15,9 | 15,7 | 14,4 | 12,2 | 10,9 | 9,4 | 7,9 | 6,3 | 2" F | 2" F | 19 | 8 | | | | |

| MODEL | ELECTRICAL DATA | | | | | HYDRAULIC DATA | | | | | | | | | | | | | | DNA NPT | DNM NPT | WEIGHT KG | Q.TY X PALLET | |
|-----------|-----------------|-----------|------------|-----|------|---------------------|----|------|------|------|------|------|------|------|-----|------|---------|---------|-----------|---------|---------|-----------|---------------|---------------|
| | VOLTAGE 60 Hz | P1 MAX kW | P2 NOMINAL | | In A | Q=m ³ /h | 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 42,6 | DNA NPT | DNM NPT | WEIGHT KG | | | | | Q.TY X PALLET |
| | | | kW | HP | | Q=l/min | 0 | 83 | 166 | 250 | 333 | 416 | 500 | 583 | 666 | 710 | | | | | | | | |
| ESWIM 300 | 230 V | 2,25 | 1,9 | 2,6 | 10 | H (m) | 26 | 25,4 | 24,8 | 23,2 | 20,6 | 17,4 | 14,4 | 11,5 | 7,8 | 6 | 2" | 2" | 21,3 | 6 | | | | |
| EPRO 300 | 230 V | 2,25 | 1,9 | 2,6 | 10 | H (m) | 26 | 25,4 | 24,8 | 23,2 | 20,6 | 17,4 | 14,4 | 11,5 | 7,8 | 6 | 2" F | 2" F | 21,3 | 6 | | | | |

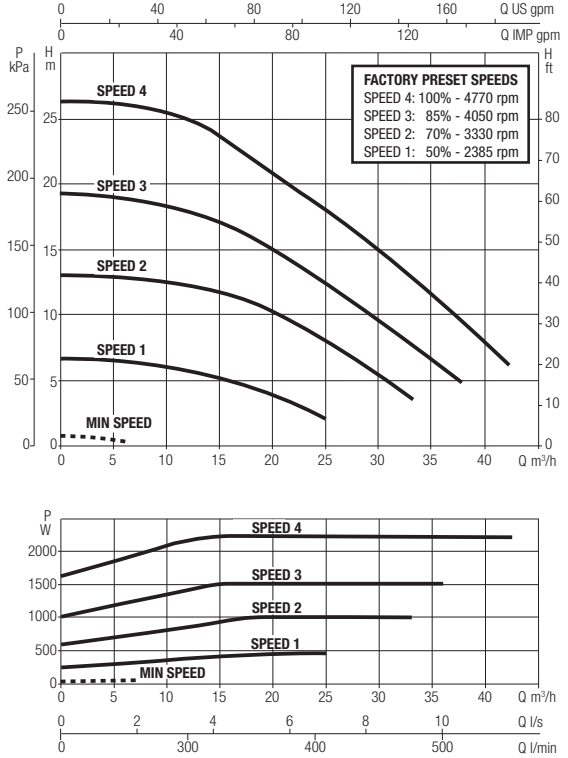
ESWIM - EPRO

ELECTRONIC SWIMMING POOL PUMPS

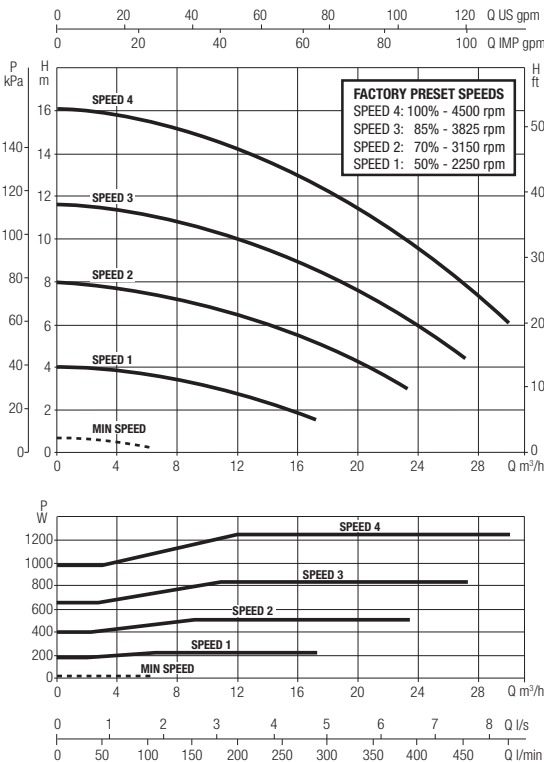
ESWIM 150



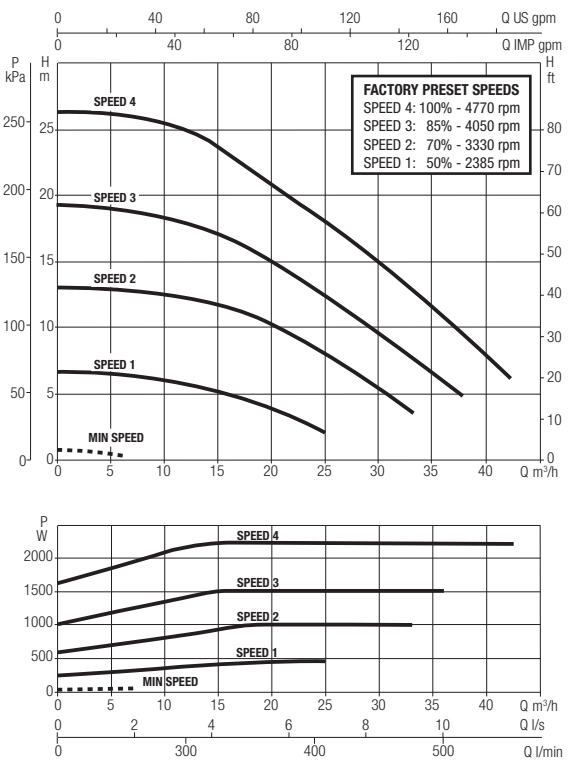
ESWIM 300



EPRO 150

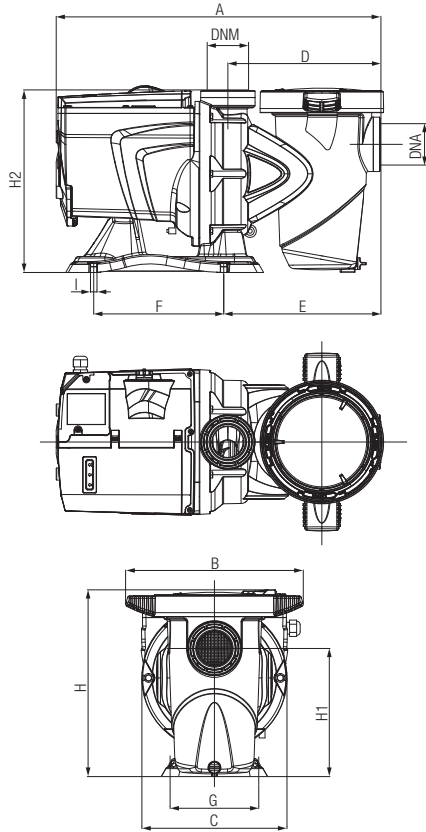


EPRO 300

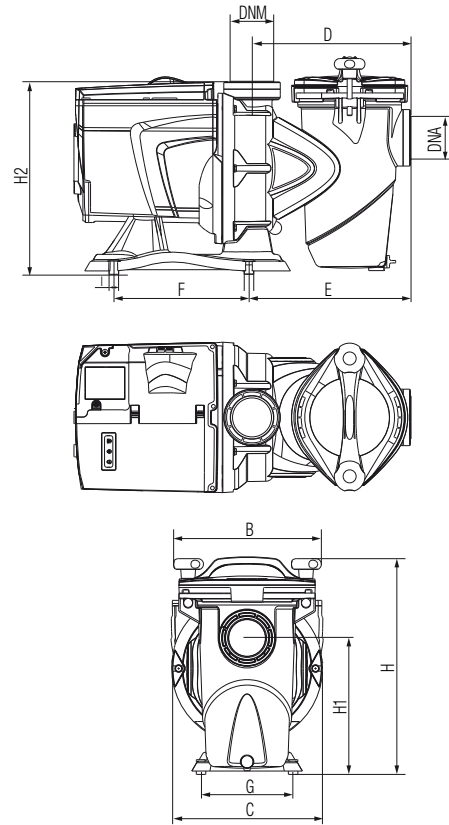


DIMENSIONS AND WEIGHTS

ESWIM 150-300



EPRO 150-300



| MODEL | A | B | C | D | E | F | G | H | H1 | H2 | I | DNA | DNM | PACKING DIMENSIONS | | | WEIGHT KG | Q.TY x PALLET |
|----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|------|------|--------------------|-----|-----|--------------|---------------------|
| | | | | | | | | | | | | | | L/A | L/B | H | | |
| ESWIM 150 | 550 | 300 | 245 | 259 | 266 | 220 | 150 | 316 | 217 | 309 | 11 | 2" F | 2" F | 720 | 350 | 430 | 19 | 8 |
| ESWIM 150 SVRS | 550 | 300 | 245 | 259 | 266 | 220 | 150 | 316 | 217 | 309 | 11 | 2" F | 2" F | 720 | 350 | 430 | 19 | 8 |
| ESWIM 300 | 574 | 304 | 290 | 269 | 276 | 220 | 150 | 354 | 252 | 344 | 11 | 2" F | 2" F | 720 | 350 | 430 | 21,3 | 6 |
| EPRO 150 | 550 | 241 | 245 | 259 | 266 | 220 | 150 | 346 | 217 | 309 | 11 | 2" F | 2" F | 720 | 350 | 430 | 19 | 8 |
| EPRO 300 | 574 | 251 | 290 | 269 | 276 | 220 | 150 | 390 | 252 | 344 | 11 | 2" F | 2" F | 720 | 350 | 430 | 21,3 | 6 |



EUROSWIM

SWIMMING POOL CENTRIFUGAL PUMPS



High efficiency self-priming centrifugal pumps with built-in large capacity prefilter. Extremely quiet running and great reliability, developed for water circulation and filtration in domestic and residential swimming pools. Suitable also for special applications that call for handling of aggressive liquids, in fish farms, agriculture and industry. Pump body in fibreglass reinforced technopolymer. Strainer cover in clear antioxidant polycarbonate to guarantee constant visibility through time. Nylon strainer. Impeller in fibreglass-reinforced technopolymer developed to ensure total coverage and isolation of the motor shaft from the pumped liquid. Diffuser in reinforced technopolymer. Mechanical seal in carbon / alumina / NBR / AISI 316. Pump body O-rings in NBR, threaded fasteners and reinforcing rings in AISI 304. Butterfly drain plugs that can be removed and refitted without tools.

Asynchronous continuous duty 2-pole motor (S1) with generous range of power ratings from 0.5 HP to 3 HP, single phase and three-phase (see technical specifications). Motor casing in die cast aluminium with electrophoretic surface treatment to prevent oxidation even in aggressive environmental conditions. Baseplate supplied as standard with rubber mounts to reduce vibration transmission.

Single phase version with integral thermal and overcurrent protection and permanent split capacitor (PSC), assembled inside the terminal box for all versions.

Motor and terminal box protection rating IPX5

Insulation class F

Ball bearings

water-proof, sealed, resistant to water and humidity. Motor construction to EN 60335-2-41 standards

Operating range

up to 42 m³/h with pressure head of up to 22 m

Pumped fluid clean water or water slightly contaminated with suspended particulate, long fibre; highly aggressive water with high percentage contents of chlorine/bromine and PHMB (Polyhexamethylene Biguanide) or water treated with chlorine electrolytic process.

Liquid temperature range up to 60°C

Maximum ambient temperature +50°C

Maximum operating pressure 2,5 bar

Installation fixed or portable in horizontal position

Special executions on request

alternative voltages and/or frequencies

Fittings on request 2"/50 - 63 kit (two fittings + O-ring - see "Accessories")

Reference standard IEC - 60364

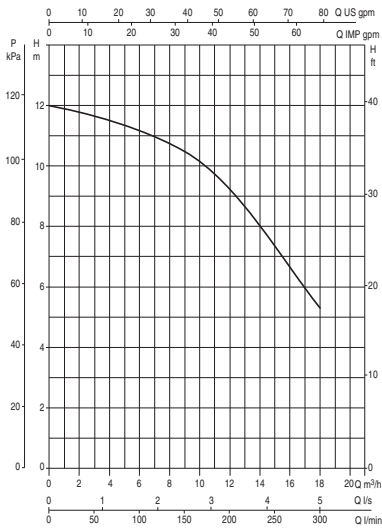


TECHNICAL DATA

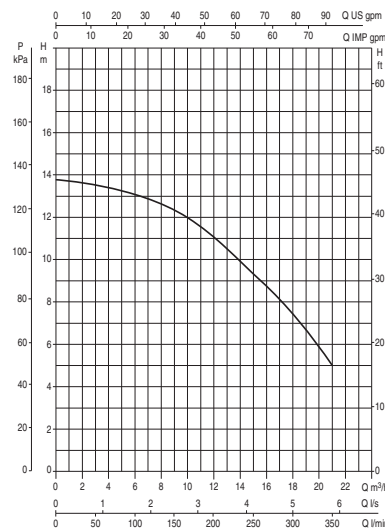
| MODEL | ELECTRICAL DATA | | | | | | | MAX NOISE LEVEL dB (A) |
|---------------|------------------------|----------|------------|------|-------|-----------|-----|------------------------|
| | VOLTAGE 60 Hz | P1 MAX W | P2 NOMINAL | | In A | CAPACITOR | | |
| | | | kW | HP | | µF | Vc | |
| EUROSWIM 50M | 1 x 115-230 V~ | 1.03 | 0,33 | 0,5 | 4,2 | 16 | 450 | 64 |
| EUROSWIM 50M | 1 x 208-230 V~ | 0.9 | 0,33 | 0,5 | 4,2 | 16 | 450 | 64 |
| EUROSWIM 75M | 1 x 115-230 V~ | 1.23 | 0,5 | 0,75 | 5 | 20 | 450 | 65 |
| EUROSWIM 75M | 1 x 208-230 V~ | 1.15 | 0,5 | 0,75 | 5 | 25 | 450 | 65 |
| EUROSWIM 75T | 1 x 220-277/380-480 V~ | 1.07 | 0,5 | 0,75 | 3,5/2 | - | - | 65 |
| EUROSWIM 100M | 1 x 115-230 V~ | 1.33 | 0,75 | 1 | 6,3 | 25 | 450 | 66 |
| EUROSWIM 100M | 1 x 208-230 V~ | 1.33 | 0,75 | 1 | 6,3 | 25 | 450 | 66 |
| EUROSWIM 100T | 1 x 220-277/380-480 V~ | 1.3 | 0,75 | 1 | 4/2,4 | - | - | 66 |
| EUROSWIM 150M | 1 x 208-230 V~ | 1.7 | 1 | 1,5 | 7 | 31,5 | 450 | 66 |
| EUROSWIM 150T | 1 x 220-277/380-480 V~ | 1.63 | 1 | 1,5 | 5/2,9 | - | - | 66 |
| EUROSWIM 200M | 1 x 208-230 V~ | 2.15 | 1,5 | 2 | 8,6 | 40 | 450 | 67 |
| EUROSWIM 200T | 1 x 220-277/380-480 V~ | 1.85 | 1,5 | 2 | 6/3,5 | - | - | 67 |
| EUROSWIM 300M | 1 x 208-230 V~ | 3 | 2,2 | 3 | 12 | - | - | 67 |
| EUROSWIM 300T | 1 x 220-277/380-480 V~ | 3 | 2,2 | 3 | 8,7/5 | - | - | 67 |

EUROSWIM PERFORMANCE RANGE

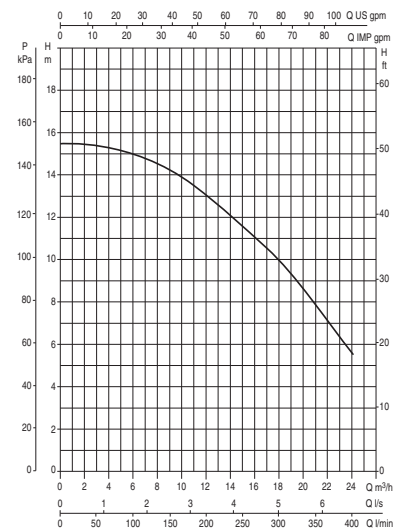
EUROSWIM 50



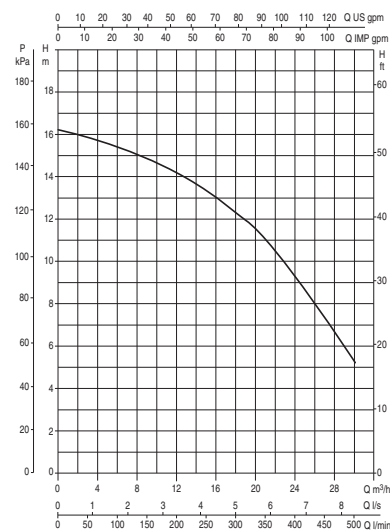
EUROSWIM 75



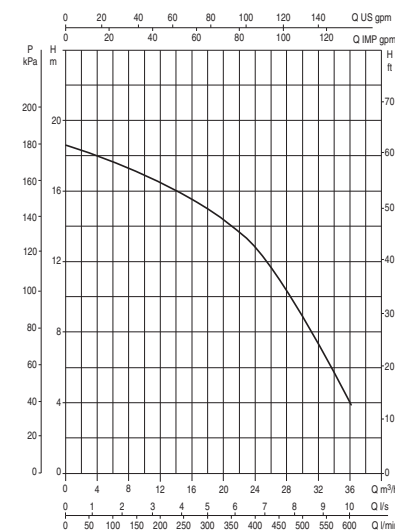
EUROSWIM 100



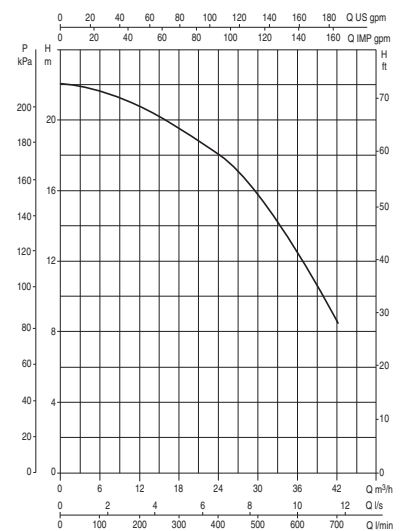
EUROSWIM 150



EUROSWIM 200



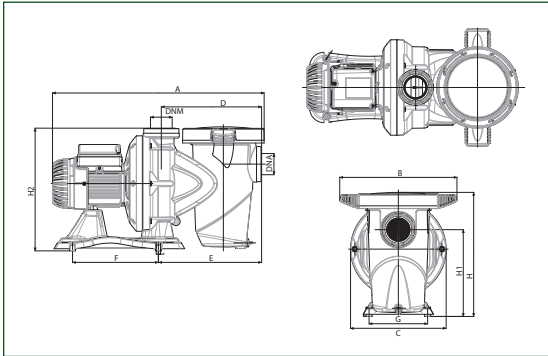
EUROSWIM 300



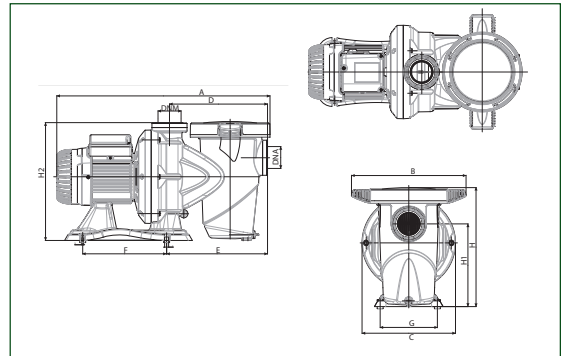
| MODEL | P2 NOMINAL | | Q m³/h l/min | 0 | 3 | 6 | 9 | 12 | 18 | 21 | 24 | 30 | 36 | 42 |
|----------------|------------|------|--------------------|------|------|------|------|------|------|------|------|------|------|-----|
| | kW | HP | | 0 | 50 | 100 | 150 | 200 | 300 | 350 | 400 | 500 | 600 | 700 |
| EUROSWIM 50 M | 0,33 | 0,5 | H (m) | 12,0 | 11,7 | 11,2 | 10,5 | 9,3 | 5,3 | | | | | |
| EUROSWIM 75 M | 0,5 | 0,75 | | 13,8 | 13,5 | 13,1 | 12,4 | 11,1 | 7,5 | 5 | | | | |
| EUROSWIM 75 T | 0,5 | 0,75 | | 13,8 | 13,5 | 13,1 | 12,4 | 11,1 | 7,5 | 5 | | | | |
| EUROSWIM 100 M | 0,75 | 1 | | 15,4 | 15,4 | 15 | 14,2 | 13,1 | 10,0 | 7,8 | 5,6 | | | |
| EUROSWIM 100 T | 0,75 | 1 | | 15,4 | 15,4 | 15 | 14,2 | 13,1 | 10,0 | 7,8 | 5,6 | | | |
| EUROSWIM 150 M | 1,1 | 1,5 | | 16,2 | 15,9 | 15,4 | 14,9 | 14,2 | 12,4 | 11,1 | 9,3 | 5,3 | | |
| EUROSWIM 150 T | 1,1 | 1,5 | | 16,2 | 15,6 | 15,2 | 14,6 | 13,9 | 12,4 | 11,1 | 9,3 | 5,3 | | |
| EUROSWIM 200 M | 1,5 | 2 | | 18,6 | 18,2 | 17,7 | 17,1 | 16,5 | 15,0 | 14,1 | 12,8 | 9,0 | 4 | |
| EUROSWIM 200 T | 1,5 | 2 | | 18,6 | 18,2 | 17,7 | 17,1 | 16,5 | 15,0 | 14,1 | 12,8 | 9,0 | 4 | |
| EUROSWIM 300 M | 2,2 | 3 | | 22,0 | 21,9 | 21,7 | 21,3 | 20,8 | 19,6 | 18,9 | 18,1 | 15,9 | 12,5 | 8,6 |
| EUROSWIM 300 T | 2,2 | 3 | | 22,0 | 21,9 | 21,7 | 21,3 | 20,8 | 19,6 | 18,9 | 18,1 | 15,9 | 12,5 | 8,6 |

DIMENSIONS AND WEIGHTS

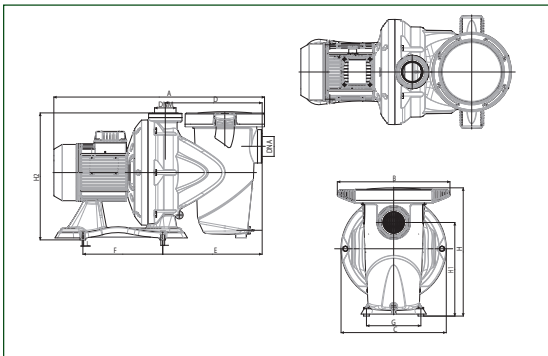
EUROSWIM 50



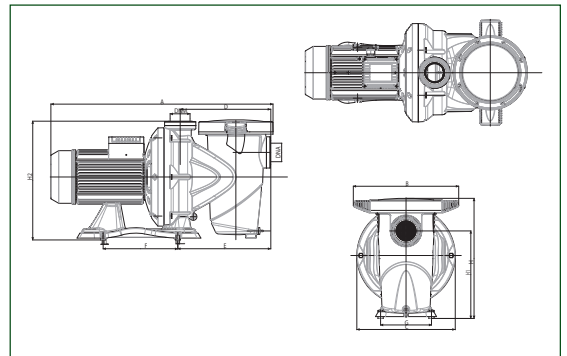
EUROSWIM 75 - 100



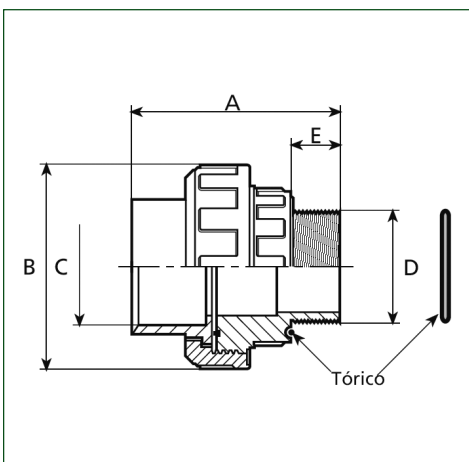
EUROSWIM 150 - 200



EUROSWIM 300



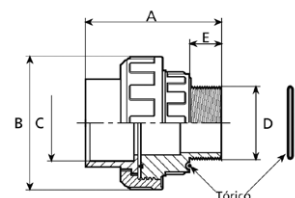
CONNECTING JUNCTIONS KIT 2" GAS



| MODEL | A | B | C | D | E | F | G | H | H1 | H2 | I | L | DNA GAS | DNM GAS | PACKING DIMENSIONS | | | WEIGHT KG | Q.TY X PALET |
|-----------------------|-----|-----|-------|-----|-----|-----|-----|-----|-----|-----|----|-----|---------|---------|--------------------|-----|-----|-----------|--------------|
| | | | | | | | | | | | | | | | L | B | H | | |
| EUROSWIM 50 M | 542 | 300 | 245 | 257 | 265 | 220 | 150 | 317 | 222 | 314 | 11 | 6,5 | G2" | G2" | 600 | 360 | 400 | 11,1 | 8 |
| EUROSWIM 75 M | 559 | 300 | 245 | 257 | 265 | 220 | 150 | 317 | 222 | 314 | 11 | 6,5 | G2" | G2" | 600 | 360 | 400 | 12,1 | 8 |
| EUROSWIM 75 T | 559 | 300 | 245 | 257 | 265 | 220 | 150 | 317 | 222 | 314 | 11 | 6,5 | G2" | G2" | 600 | 360 | 400 | 12,1 | 8 |
| EUROSWIM 100 M | 559 | 300 | 245 | 257 | 265 | 220 | 150 | 317 | 222 | 314 | 11 | 6,5 | G2" | G2" | 600 | 360 | 400 | 13,8 | 8 |
| EUROSWIM 100 T | 559 | 300 | 245 | 257 | 265 | 220 | 150 | 317 | 222 | 314 | 11 | 6,5 | G2" | G2" | 600 | 360 | 400 | 13,8 | 8 |
| EUROSWIM 150 M | 581 | 311 | 290 | 267 | 274 | 220 | 150 | 353 | 258 | 350 | 11 | 6,5 | G2" | G2" | 720 | 350 | 430 | 17,9 | 6 |
| EUROSWIM 150 T | 581 | 311 | 290 | 267 | 274 | 220 | 150 | 353 | 258 | 350 | 11 | 6,5 | G2" | G2" | 720 | 350 | 430 | 16,7 | 6 |
| EUROSWIM 200 M | 655 | 311 | 290 | 267 | 274 | 220 | 150 | 353 | 258 | 350 | 11 | 6,5 | G2" | G2" | 720 | 350 | 430 | 20 | 6 |
| EUROSWIM 200 T | 581 | 311 | 290 | 267 | 274 | 220 | 150 | 353 | 258 | 350 | 11 | 6,5 | G2" | G2" | 720 | 350 | 430 | 17,6 | 6 |
| EUROSWIM 300 T | 655 | 311 | 290 | 267 | 274 | 220 | 150 | 353 | 258 | 350 | 11 | 6,5 | G2" | G2" | 720 | 350 | 430 | 19,9 | 6 |
| CONNECTION KIT 2" GAS | 99 | 99 | 50/63 | 2" | 20 | - | - | - | - | - | - | - | - | - | - | - | - | 0,7 | - |

ACCESSORIES - CONNECTING JUNCTIONS KIT 2" GAS

| DESCRIPTION |
|-----------------------------|
| UNIONS KIT 2" / DN 50-63 |
| UNIONS KIT 2" / 2" - 1" 1/2 |



EUROPRO HIGH FLOW SWIMMING POOL CENTRIFUGAL PUMPS



Self-priming, high-performance centrifugal pumps, with built-in large capacity prefilter. 2 or 4 pole motor completely isolated from the water. Extremely quiet and highly reliable, developed for the circulation and filtration in large swimming pool filtration systems. Also suitable for particular applications that require handling of **seawater** thanks to the mechanical seal made of AISI 316. Prefilter body, pump body, volute, volute cover and pump body lid are made of polypropylene, resistant to chemical products found in swimming pools and reinforced with fiber glass. Prefilter basket made of polyethylene. Prefilter lid made of transparent polycarbonate with four knobs locking system. Closed asynchronous motor with external ventilation with 2 or 4 poles depending on the model, with a wide capacity range from 3 to 15 Hp. Terminal box with IP55 Degree of protection.



Operating range

Up to 190 m³/h with head up to 22 m

Insulation class F

Temperature range of the liquid up to 40°C

Pumped Liquid clean or slightly dirty water or a little aggressive (PolyHexamethylene Biguanide) or water treated with chlorine electrolysis process.

Maximum ambient temperature 40°C

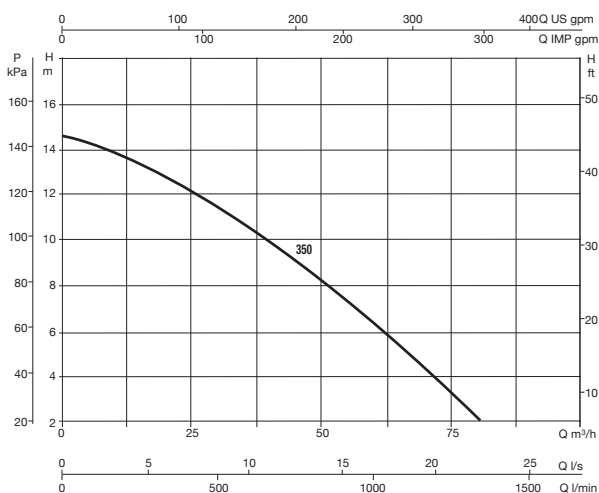
Installation in horizontal position

Special executions on request other frequencies and/or voltages

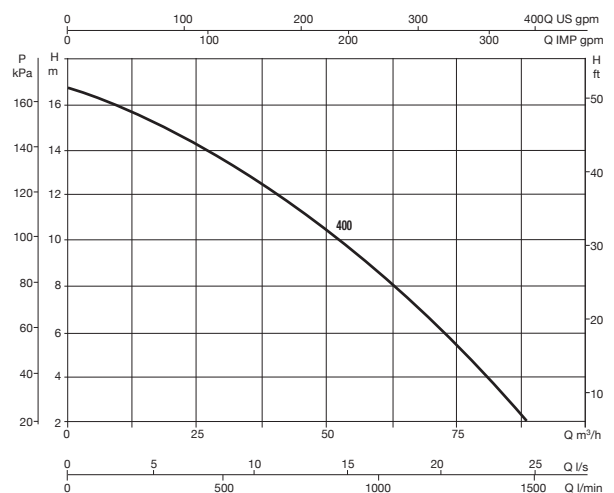
TECHNICAL DATA

| MODEL | CODE | ELECTRICAL DATA | | | | |
|----------------|----------|------------------|--------------|------------|------|-------------|
| | | VOLTAGE 60 Hz | P1 MAX kW | P2 NOMINAL | | In A |
| | | | | kW | HP | |
| EUROPRO 350 T | 60172117 | 3X230-400 V ~ | 2,97 | 2,2 | 3 | 9,4 - 5,3 |
| EUROPRO 400 T | 60172118 | 3X230-400 V ~ | 3,83 | 2,5 | 4 | 12,5 - 6,9 |
| EUROPRO 550 T | 60172119 | 3X230-400 V ~ | 5,54 | 4 | 5,5 | 15,3 - 8,8 |
| EUROPRO 750 T | 60172120 | 3X230-400 V ~ | 6,85 | 5,5 | 7,5 | 20,8 - 12 |
| EUROPRO 750 T | 60172121 | 3X400-690 V ~ | 6,85 | 5,5 | 7,5 | 12 - 6,9 |
| EUROPRO 1000 T | 60172122 | 3X230-400 V ~ | 8,26 | 7,5 | 10 | 27,3 - 15,8 |
| EUROPRO 1000 T | 60172127 | 3X400-690 V ~ | 8,26 | 7,5 | 10 | 15,8 - 9,2 |
| EUROPRO 1250 T | 60172124 | 3X230-400 V ~ | 13,74 | 9,2 | 12,5 | 32 - 18,5 |
| EUROPRO 1250 T | 60172126 | 3X400-690 V ~ | 13,74 | 9,2 | 12,5 | 18,5 - 10,7 |
| EUROPRO 1500 T | 60172123 | 3X400-690 V ~ | 15,73 | 11 | 15 | 20,9 - 12,1 |
| EUROPRO 1500 T | 60172125 | 3X230-400 V ~ | 15,73 | 11 | 15 | 36,2 - 20,9 |

EUROPRO HIGH FLOW 350



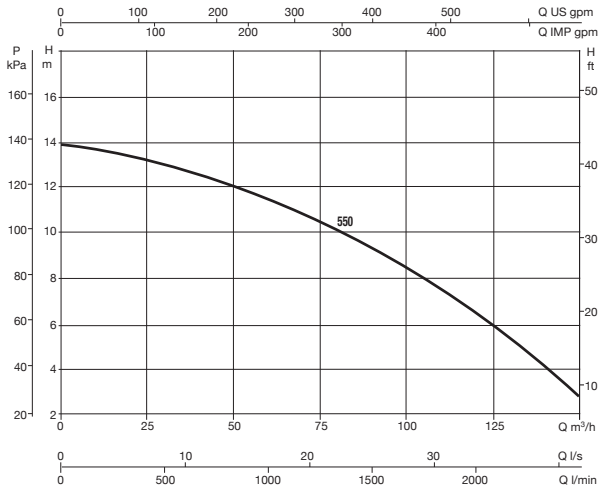
EUROPRO HIGH FLOW 400



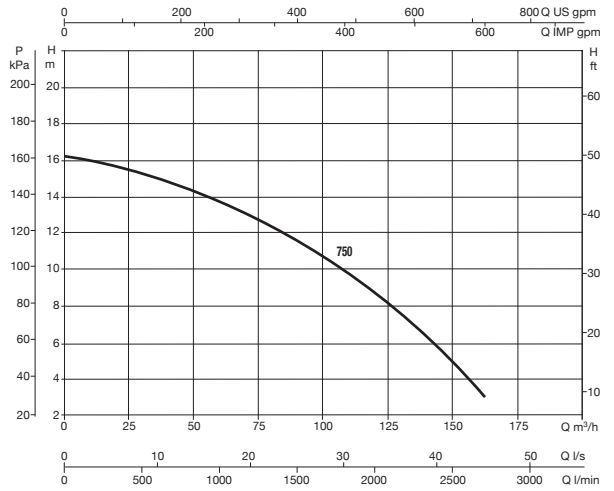
EUROPRO HIGH FLOW

SWIMMING POOL CENTRIFUGAL PUMPS

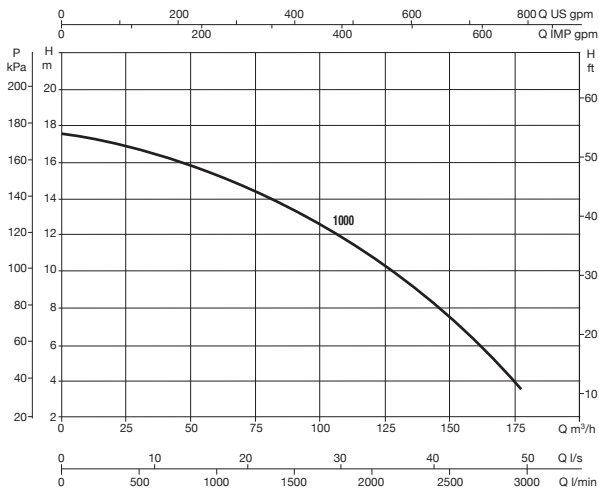
EUROPRO HIGH FLOW 550



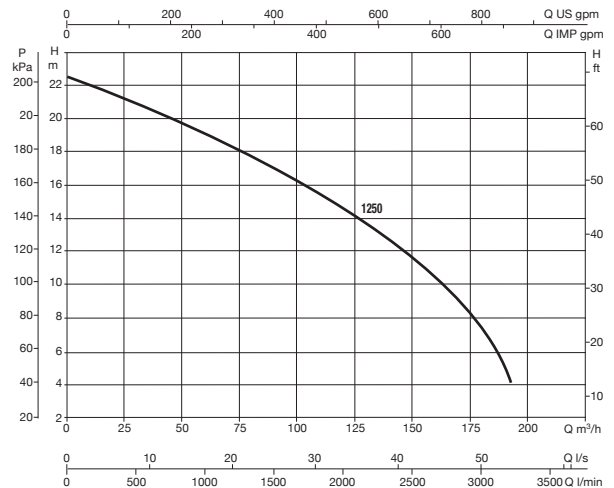
EUROPRO HIGH FLOW 750



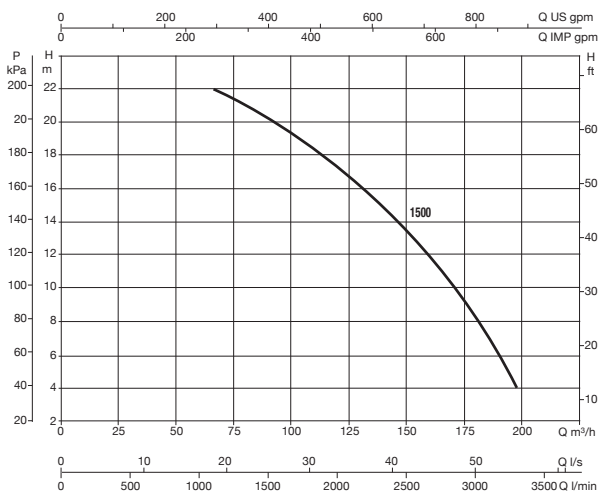
EUROPRO HIGH FLOW 1000



EUROPRO HIGH FLOW 1250

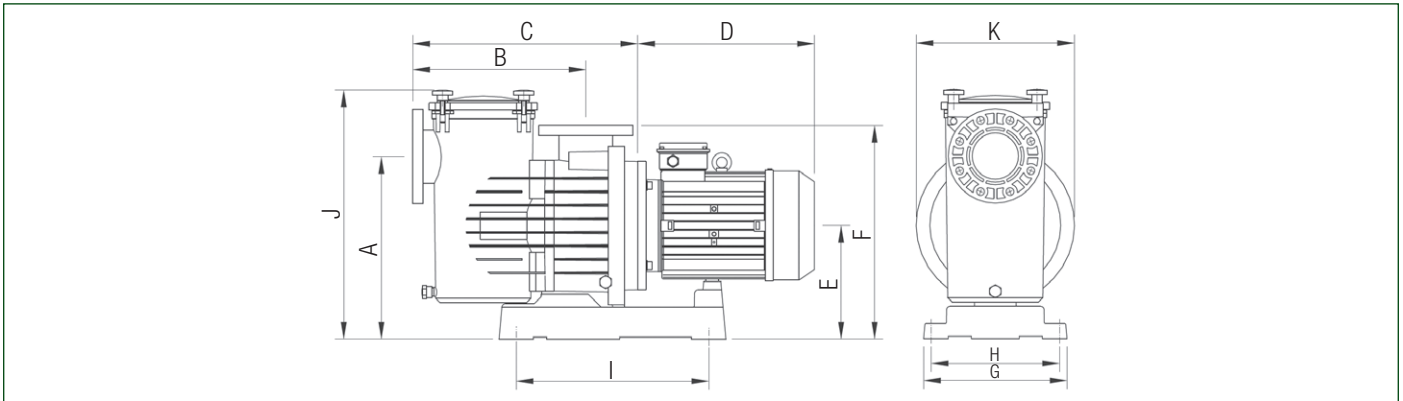


EUROPRO HIGH FLOW 1500



EUROPRO HIGH FLOW SWIMMING POOL CENTRIFUGAL PUMPS

DIMENSIONS AND WEIGHTS



| MODEL | A | B | C | D | E | F | G | H | I | J | K | DNA | DNM | PACKING DIMENSIONS | | | WEIGHT Kg |
|----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------------------|-----|-----|--------------|
| | | | | | | | | | | | | | | L | B | H | |
| EUROPRO 350 T | 428 | 405 | 574 | 310 | 267 | 500 | 335 | 300 | 450 | 600 | 370 | 100 | 100 | 840 | 385 | 595 | 42,5 |
| EUROPRO 400 T | 428 | 405 | 574 | 310 | 267 | 500 | 335 | 300 | 450 | 600 | 370 | 100 | 100 | 840 | 385 | 595 | 44,5 |
| EUROPRO 550 T | 428 | 405 | 574 | 335 | 267 | 500 | 335 | 300 | 450 | 600 | 370 | 100 | 100 | 1170 | 385 | 715 | 53,5 |
| EUROPRO 750 T | 428 | 405 | 574 | 380 | 267 | 500 | 335 | 300 | 450 | 600 | 370 | 100 | 100 | 1170 | 385 | 715 | 66 |
| EUROPRO 1000 T | 428 | 405 | 574 | 380 | 267 | 500 | 335 | 300 | 450 | 600 | 370 | 100 | 100 | 1170 | 385 | 715 | 76 |
| EUROPRO 1250 T | 428 | 405 | 574 | 380 | 267 | 500 | 335 | 300 | 450 | 600 | 370 | 100 | 100 | 1170 | 385 | 715 | 84,5 |
| EUROPRO 1500 T | 428 | 405 | 574 | 380 | 267 | 500 | 335 | 300 | 450 | 600 | 370 | 100 | 100 | 1170 | 385 | 715 | 85,5 |

ACCESSORIES INCLUDED

| MODEL |
|--|
| Counterflange Kit (suction + delivery) |

EUROCOVER

SUBMERSIBLE SWIMMING POOL PUMPS



Totally automatic submersible electric pump, with wide support base specially designed to increase stability and to offer the possibility to operate also in positions which are not perfectly perpendicular to the ground. Suitable for use during the winter period above the pool covers, to remove rainwater and avoid damage to the cover due to the excessive weight of the accumulated water. Electric pump made of resistant thermoplastic material. Motor, shaft, bolts and screws in stainless steel. Triple interposed ring seal with oil prechamber. Incorporated float for automatic operation. Submersible with continuous duty asynchronous motor. Stator positioned in stainless steel enclosure with cap to cover wiring and capacitor.



Protection rating IP68

Insulation class F

Operating range

From 0.5 to 6 m³/h with head up to 6.5 m

Liquid temperature range

From 0 to 35 °C (EN 60335-2-41)

Installation fixed or portable in vertical position (max. inclination 10°)

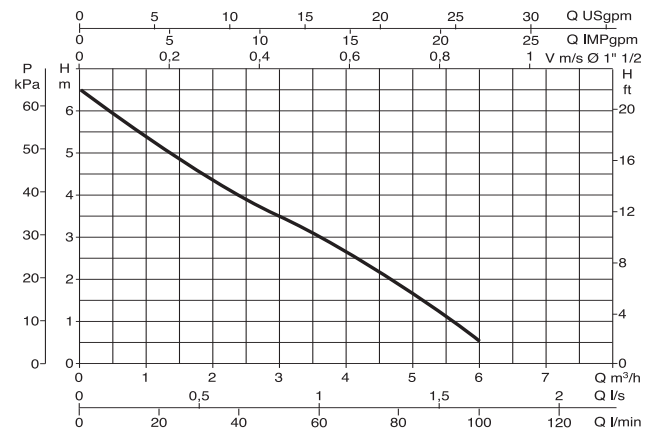
Particle size 5 mm

Automatic start/stop start 55 mm - stop 35 mm

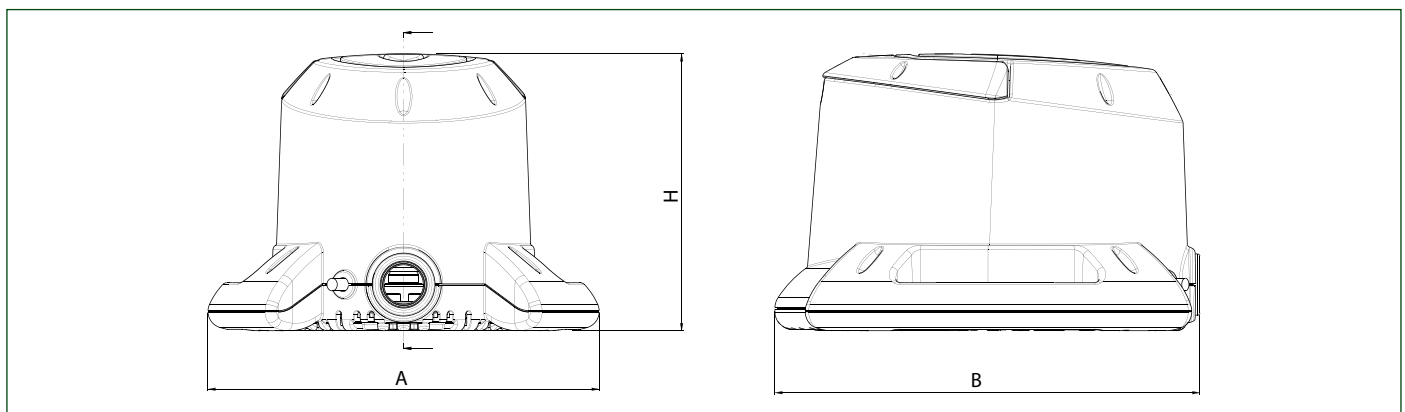
TECHNICAL DATA

| MODEL | ELECTRICAL DATA | | | | | | |
|----------------------|------------------|-------------|------------|-----|---------|-----------|-----|
| | VOLTAGE 60 Hz | P1 MAX W | P2 NOMINAL | | In A | CAPACITOR | |
| | | | kW | HP | | μF | Vc |
| EUROCOVER 115/60 | 1 x 115V~ | 233 | 0,22 | 0,3 | 2,2 | 8 | 450 |
| EUROCOVER 220-230/60 | 1 x 220-230V~ | 245 | 0,22 | 0,3 | 1,1 | 8 | 450 |

| MODEL | P2 NOMINAL | | Q m ³ /h l/min | Q | | | | | |
|-----------|------------|-----|---------------------------------|-----|-----|-----|-----|-----|-----|
| | kW | HP | | 0 | 1,2 | 2,4 | 3,6 | 4,8 | 6 |
| EUROCOVER | 0,22 | 0,3 | H (m) | 6,5 | 5,1 | 4 | 3 | 1,9 | 0,5 |



DIMENSIONS AND WEIGHTS



| MODEL | A | B | C | PACKING DIMENSIONS | | | WEIGHT KG | Q.TY x PALLET |
|-----------|-----|-----|-----|--------------------|-----|-----|--------------|---------------------|
| | | | | L | B | H | | |
| EUROCOVER | 542 | 300 | 245 | 290 | 230 | 320 | 4,6 | 36 |

DCCONNECT
 COMMAND AND CONTROL SYSTEMS
 CIRCULATORS AND IN-LINE PUMPS
 MULTISIZE CENTRIFUGAL AND SELF-PRIMING PUMPS
 SWIMMING POOL, POND AND SALT WATER PUMPS
 CENTRIFUGAL PUMPS
 SUBMERSIBLE PUMPS
 SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS
 PRESSURE UNITS

JETCOM SP - EUROCOM SP

SWIMMING POOL CENTRIFUGAL PUMPS



Self-priming centrifugal (Jetcom) or multistage (Eurocom) pump with excellent suction capacity even when there are air bubbles. Suitable for use with water containing small sand impurities. Especially suitable for water supplies in domestic systems: handling of aggressive water in general with chlorine contents (swimming pools). Pump body in technopolymer.

Support and seal-carrier in AISI 316 STAINLESS STEEL.

Carbon/ceramic mechanical seal.

Rotor shaft in AISI 316 STAINLESS STEEL.

Impellers, diffuser, Venturi tube, and sand guard in technopolymer. Clearance rings in stainless steel.

Continuous duty asynchronous motor.

Built-in motor overload cut out and a capacitor permanently on in the single-phase version.

Protection for the three-phase version is the responsibility of the user.

Motor protection level IP 44

Terminals protection level IP 55

Insulation class F

Operating range from 10 to 80 l/min with head of up to 58 m depending on the model

Liquid quality requirements clean, free of solid or abrasive contaminants, swimming pool water (containing chlorine).

Liquid temperature range

from 0°C to +35°C for domestic use (EN 60335-2-41)

from 0°C to +40°C for other uses.

Maximum ambient temperature +40°C

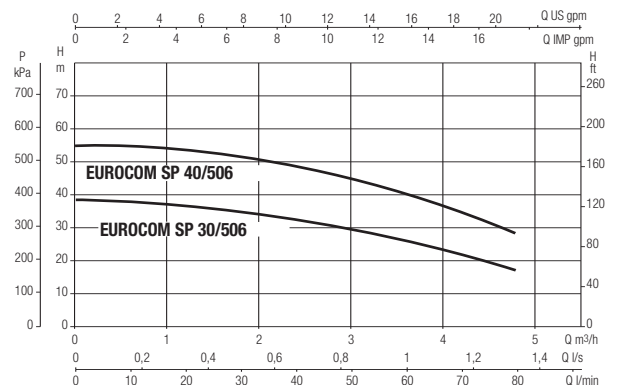
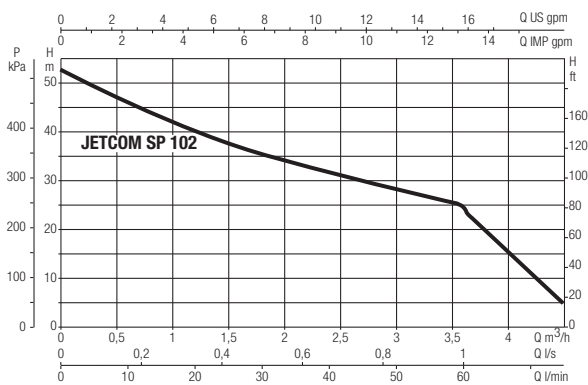
Maximum operating pressure 6 bar (600 kPa)

Installation fixed or portable in horizontal position



TECHNICAL DATA

| MODEL | ELECTRICAL DATA | | | | | | |
|---------------------|------------------|--------------|------------|----|---------|-----------|-----|
| | VOLTAGE 60 Hz | P1 MAX KW | P2 NOMINAL | | In A | CAPACITOR | |
| | | | KW | HP | | µF | Vc |
| JETCOM SP 102 M | 1x115 V~ | 1,1 | 0,75 | 1 | 9,7 | 50 | 250 |
| JETCOM SP 102 M | 1x220-230 V~ | 1,1 | 0,75 | 1 | 5-4,9 | 12,5 | 450 |
| EUROCOM SP 40/506 M | 1x115 V~ | 1,2 | 0,75 | 1 | 10,3 | 80 | 250 |
| EUROCOM SP 40/506 M | 1x220-230 V~ | 1,2 | 0,75 | 1 | 5,-5,2 | 25 | 450 |

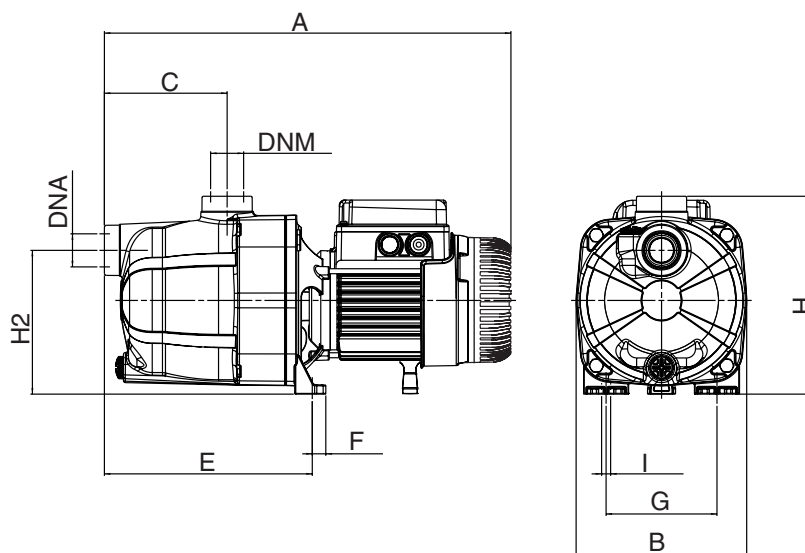


| MODEL | P2 NOMINAL | | Q m³/h l/min | 0 | 0,6 | 1,2 | 1,8 | 2,4 | 3,0 | 3,6 | 4,2 | 4,8 | 6 |
|--------------------|------------|----|--------------------|------|------|------|------|------|------|------|-----|-----|-----|
| | KW | HP | | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 100 |
| JETCOM SP 102 M | 0,75 | 1 | H (m) | 44 | 37,1 | 32,1 | 28,4 | 25,2 | 21,7 | 18,8 | 10 | 1,6 | |
| EUROCOM SP 40/50 M | 0,75 | 1 | | 51,7 | 51 | 50,5 | 49 | 46,1 | 42 | 36,6 | 29 | 23 | 5,9 |

JETCOM SP - EUROCOM SP

SWIMMING POOL CENTRIFUGAL PUMPS

DIMENSIONS AND WEIGHTS



| MODEL | A | B | C | E | F | G | Ø / 4 Holes | H | H1 | DNA GAS | DNM GAS | PACKING DIMENSIONS | | | WEIGHT KG | Q.TY x PALLET |
|------------------|-----|-----|-----|-----|----|-----|-------------|-----|-----|---------|---------|--------------------|-----|-----|-----------|---------------|
| | | | | | | | | | | | | L/A | L/B | H | | |
| JETCOM SP 102 | 425 | 170 | 122 | 208 | 14 | 111 | 9 | 203 | 144 | 1" | 1" | 470 | 240 | 240 | 9,5 | 28 |
| EUROCOM SP 40/50 | 425 | 170 | 122 | 208 | 14 | 111 | 9 | 203 | 144 | 1" | 1" | 470 | 240 | 240 | 11,3 | 28 |

INDEX - CENTRIFUGAL PUMPS



KPS / KPF
PERIPHERAL PUMPS

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STANDARDISED ENBLOC CENTRIFUGAL PUMPS

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KP
PERIPHERAL PUMPS

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KDN
STANDARDISED CENTRIFUGAL PUMPS

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K
SINGLE IMPELLER CENTRIFUGAL PUMPS

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KDN OVERSIZE
STANDARDISED CENTRIFUGAL PUMPS

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K
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KVC / KVCX
MULTISTAGE CENTRIFUGAL PUMPS WITH VERTICAL AXIS

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NKM-GE 4 POLES
ENBLOC CENTRIFUGAL PUMPS WITH INVERTER FOR CIRCULATING SYSTEM

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NKV 1 - 3 - 6 S
MULTISTAGE CENTRIFUGAL PUMPS WITH VERTICAL AXIS

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NKP-GE 2 POLES
ENBLOC CENTRIFUGAL PUMPS WITH INVERTER FOR CIRCULATING SYSTEM

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NKV 10 - 15 - 20 S
MULTISTAGE CENTRIFUGAL PUMPS WITH VERTICAL AXIS

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KDNE 4-2 POLES
STANDARDISED CENTRIFUGAL PUMPS WITH INVERTER FOR CIRCULATING SYSTEM

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MULTISTAGE CENTRIFUGAL PUMPS WITH VERTICAL AXIS

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DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

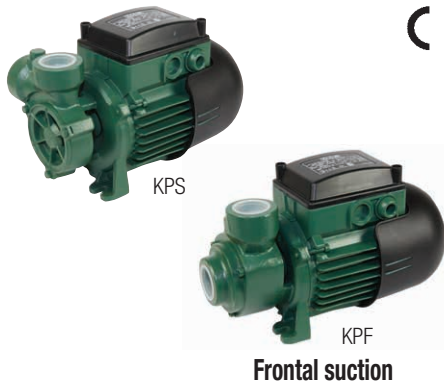
CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

KPS - KPF PERIPHERAL PUMPS



CE Peripheral centrifugal pump, reduced encumbrance, able to generate high heads, it is suitable for domestic use and small industrial uses.
Pump body and motor support in brass for the KP 60 version, in cast iron for the KPS 30 and KP 38 versions. Brass impeller. Mechanical seal in carbon/ceramic. Asynchronous, closed motor, cooled by external ventilation.
Built-in thermal and current overload protection and a capacitor permanently on in the single-phase version. For the protection of the three-phase motor it is advisable to use a suitable overload protection complying with the regulations in force.

Operating range

from 1 to 50 l/min. with head up to 107 metres.

Liquid temperature range

from 0°C to +35°C for domestic use.
from -10°C to +50°C for other uses.

Pumped liquid characteristics clean, free from solids or abrasive substances, not viscous, not aggressive, not crystallised and chemically neutral.

Maximum ambient temperature +40°C

Maximum working pressure

10 bar (6 bar for KPS-KPF 30/16).

Protection level IP 44

Insulation class F

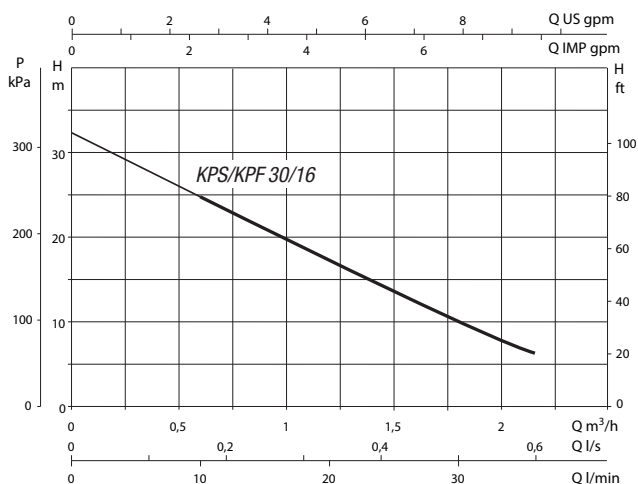
TECHNICAL DATA

| MODEL | ELECTRICAL DATA | | | | | | |
|--|-----------------------|-----------|------------|------|-----------|-----------|-----|
| | VOLTAGE 60 Hz | P1 MAX kW | P2 NOMINAL | | In A | CAPACITOR | |
| | | | kW | HP | | µF | Vc |
| KPF 30/16 115/60 M * | 1x115 V~ | 0,66 | 0,37 | 0,5 | 5,85 | 31,5 | 250 |
| KPF 30/16 220-230/60 M * | 1x220-230 V~ | 0,64 | 0,37 | 0,5 | 2,71-2,84 | 8 | 450 |
| KPF 30/16 220-277/380-480/60 T * | 3X220-230/380-480 V ~ | 0,55 | 0,37 | 0,5 | 1,56-0,9 | - | - |
| KPS 30/16 115/60 M * | 1x115 V~ | 0,47 | 0,3 | 0,4 | 4,2 | 31,5 | 250 |
| KPS 30/16 220-230/60 M * | 1x220-230 V~ | 0,47 | 0,3 | 0,4 | 2-2,1 | 8 | 450 |
| KPS 30/16 220-277/380-480/60 T * | 3X220-230/380-480 V ~ | 0,45 | 0,3 | 0,4 | 1,4-0,8 | - | - |
| KPS 30/16 115/60 M ^{(1)*} | 1x115 V~ | 0,47 | 0,3 | 0,4 | 4,2 | 31,5 | 250 |
| KPS 30/16 220-230/60 M ^{(1)*} | 1x220-230 V~ | 0,47 | 0,3 | 0,4 | 2,-2,1 | 8 | 450 |
| KPF 45/20 115/60 M * | 1x115 V~ | 1,8 | 1,00 | 1,36 | 17 | 80 | 250 |
| KPF 45/20 220-230/60 M * | 1x220-230 V~ | 1,8 | 1,00 | 1,36 | 9-8,8 | 20 | 450 |
| KPF 45/20 220-277/380-480/60 T * | 3X220-230/380-480 V ~ | 1,4 | 1,0 | 1,34 | 5,2-5 | - | - |

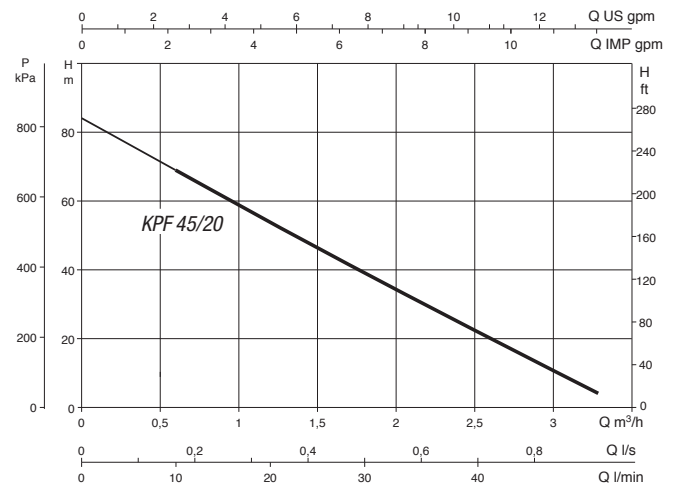
⁽¹⁾ KPS-fitted Pump fitted with a pressure gauge, pressure switch, power supply cable with plug and five-way fitting for connection to a tank.

* pump not suitable for domestic application

KPS/KPF 30/16



KPF 45/20



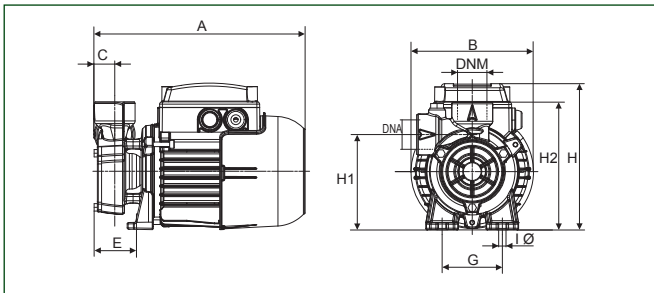
PERFORMANCE RANGE

| MODEL | | P2 NOMINAL | | Q m³/h l/min | 0 | 0,3 | 0,6 | 0,9 | 1,2 | 1,8 | 2,4 | 3,6 |
|---------------|---------------|------------|------|--------------------|------|-----|-----|-----|------|-----|-----|-----|
| Single-phase | Three-phase | kW | HP | | 0 | 5 | 10 | 15 | 20 | 30 | 40 | 60 |
| KPS 30/16 M * | KPS 30/16 T * | 0,3 | 0,4 | H (m) | 32,5 | 31 | 25 | 22 | 17,5 | 10 | | |
| KPF 30/16 M * | KPF 30/16 T * | 0,37 | 0,5 | | 32,5 | 31 | 25 | 22 | 17,5 | 10 | | |
| KPF 45/20 M * | KPF 45/20 T * | 1,0 | 1,34 | | 84 | 76 | 68 | 62 | 56 | 38 | 24 | |

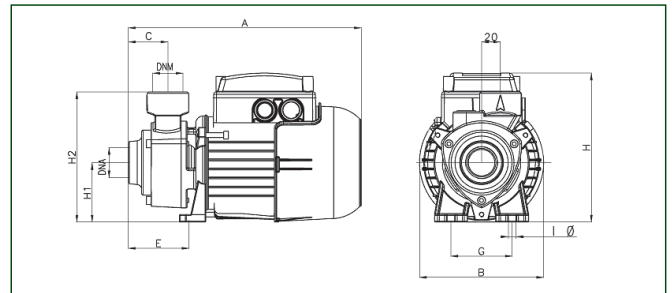
* pump not suitable for domestic application

DIMENSIONS AND WEIGHTS

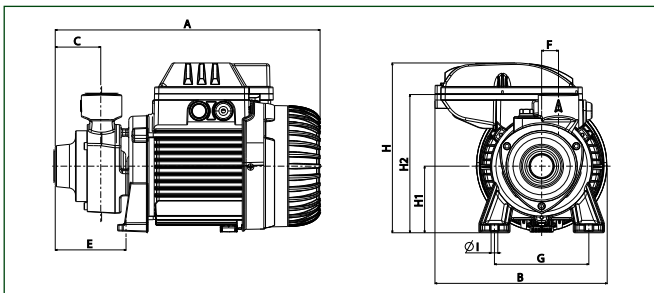
KPS 30/16



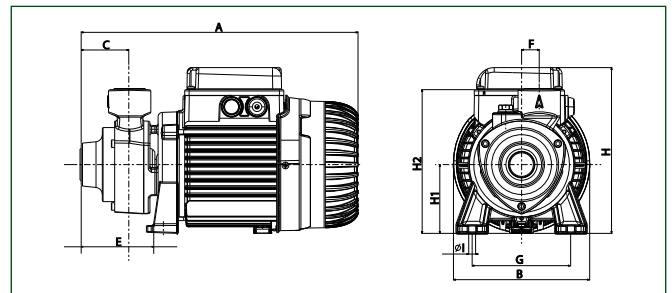
KPF 30/16



KPF 45/20 115 M



KPF 45/20 220 M - T



| MODEL | A | B | C | E | F | G | H | H1 | H2 | I Ø | DNA (NPT) | DNM (NPT) | PACKAGING DIMENSIONS | | | WEIGHT KG | Q.TY X PALLET |
|---------------------|-----|-----|----|----|----|-----|-----|-----|-----|-----|--------------|--------------|----------------------|-----|-----|--------------|---------------------|
| | | | | | | | | | | | | | L/A | L/B | H | | |
| KPF 30/16 115 M | 247 | 132 | 42 | 64 | - | 65 | 174 | 63 | 138 | 8 | 1" | 1" | 271 | 176 | 209 | 5,3 | 68 |
| KPF 30/16 220 M - T | 247 | 132 | 42 | 64 | - | 65 | 158 | 63 | 138 | 8 | 1" | 1" | 262 | 140 | 180 | 5,3 | 110 |
| KPS 30/16 115 M | 228 | 132 | 22 | 46 | - | 65 | 174 | 103 | 138 | 8 | 1" | 1" | 271 | 176 | 209 | 5,4 | 68 |
| KPS 30/16 220 M - T | 228 | 132 | 22 | 46 | - | 65 | 158 | 103 | 138 | 8 | 1" | 1" | 259 | 164 | 197 | 5,4 | 120 |
| KPF 45/20 115 M | 314 | 205 | 54 | 84 | 20 | 112 | 201 | 78 | 163 | 8 | 1" | 1" | 360 | 222 | 252 | 9 | 30 |
| KPF 45/20 220 M - T | 314 | 155 | 54 | 84 | 20 | 112 | 188 | 78 | 163 | 8 | 1" | 1" | 356 | 180 | 234 | 9 | 42 |



Pump body, motor support and impeller in brass. Carbon/ceramic mechanical seal. Stainless steel motor shaft. Asynchronous, closed motor cooled by external ventilation. Rotor mounted on oversized greased sealed-for-life ball bearings to ensure silent running and long life. Motor overload cut out equipped as standard in the single-phase version. Overload protection to be provided by the user for the three-phase version. Permanently connected capacitor for the single-phase version. Construction to CEI 2-3 and CEI 61-69 (EN 60335-2-41)

Protection rating IP 44

Insulation class F

Operating range
from 1 to 35 l/min with head up to 107 meters.

Pumped liquid clean, free from solids or abrasive substances, not aggressive.

Liquid temperature range
- from 0°C to +35°C for domestic use (EN 60335-2-41)
- from -10°C to +80°C for other uses.

Maximum ambient temperature +40°C

Maximum working pressure 10 bar (1000 kPa).

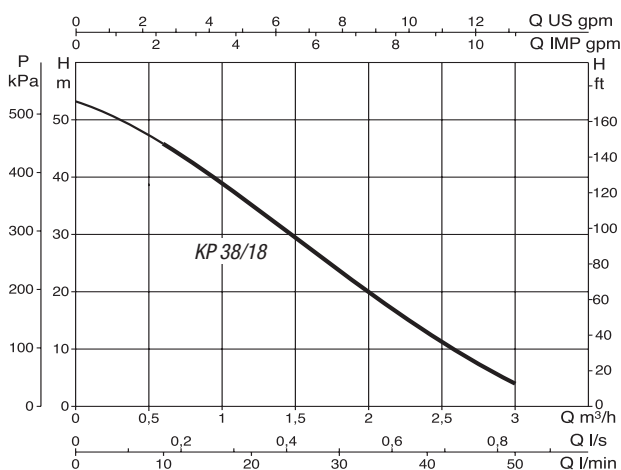
Installation fixed in horizontal position.

TECHNICAL DATA

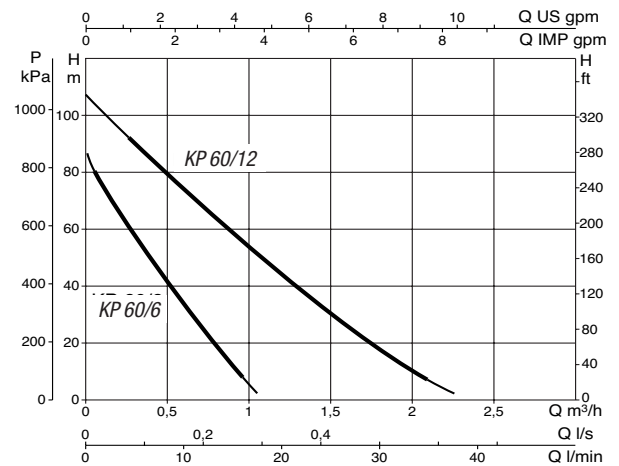
| MODEL | ELECTRICAL DATA | | | | | | |
|---------------------------------|----------------------|-----------|------------|-----|----------|-----------|-----|
| | VOLTAGE 60 Hz | P1 MAX kW | P2 NOMINAL | | In A | CAPACITOR | |
| | | | kW | HP | | μF | Vc |
| KP 38/18 115/60 M * | 1x115 V~ | 0,86 | 0,6 | 0,8 | 7,2 | 50 | 450 |
| KP 38/18 220-230/60 M * | 1x220-230 V~ | 0,86 | 0,6 | 0,8 | 3,6-3,8 | 12,5 | 450 |
| KP 38/18 220-277/380-480/60 T * | 3x220-230/280-400 V~ | 0,81 | 0,6 | 0,8 | 2,5-1,15 | - | - |
| KP 60/6 220-230/60 M * | 1x220-230 V~ | 0,62 | 0,37 | 0,5 | 3,35-3,5 | 10 | 450 |
| KP 60/6 220-277/380-480/60 T * | 3x220-230/280-400 V~ | 0,52 | 0,37 | 0,5 | 1,8-1 | - | - |
| KP 60/12 220-230/60 M * | 1x220-230 V~ | 1,29 | 0,37 | 1 | 5,45-5,7 | 20 | 450 |
| KP 60/12 220-277/380-480/60 T * | 3x220-230/280-400 V~ | 1,21 | 0,37 | 1 | 3,46-2 | - | - |

* pump not suitable for domestic application

KP 38/18



KP 60/6 - 60/12



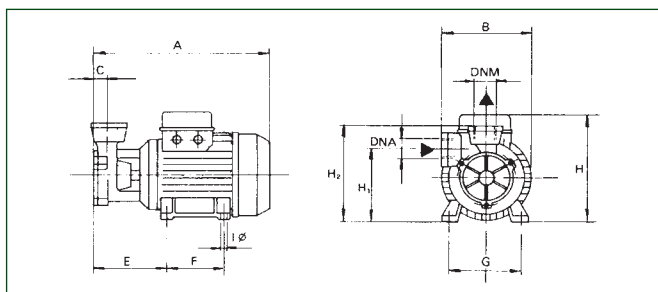
PERFORMANCE RANGE

| MODEL | | P2 NOMINAL | | Q m ³ /h l/min | 0 | 0,3 | 0,6 | 0,9 | 1,2 | 1,8 | 2,4 | 3,6 |
|--------------------|--------------------|------------|-----|---------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|
| Single-phase | Three-phase | kW | HP | | 0 | 5 | 10 | 15 | 20 | 30 | 40 | 60 |
| KP 60/6 M* | KP 60/6 T* | 0,37 | 0,5 | | 87 | 57 | 33 | 13 | | | | |
| KP 60/12 M* | KP 60/12 T* | 0,75 | 1 | | 107 | 91 | 74 | 58 | 43 | 17 | | |

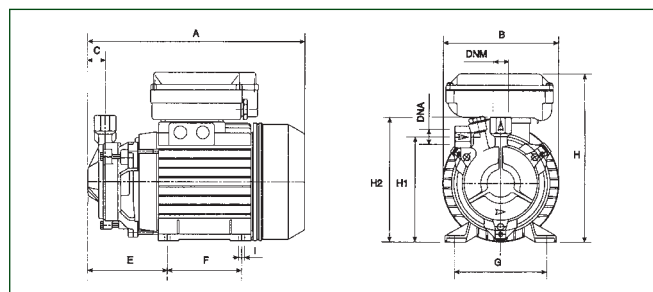
* pump not suitable for domestic application

DIMENSIONS AND WEIGHTS

KP 38/18



KP 60/6 - KP 60/12



| MODEL | A | B | C | E | F | G | H | H1 | H2 | IØ | DNA (NPT) | DNM (NPT) | PACKAGING DIMENSIONS | | | WEIGHT KG | Q.TY X PALLET |
|-----------------------|-----|-----|----|-----|----|-----|-----|-----|-----|----|--------------|--------------|----------------------|-----|-----|--------------|---------------------|
| | | | | | | | | | | | | | L/A | L/B | H | | |
| KP 38/18 115 M | 255 | 131 | 26 | 106 | 80 | 100 | 205 | 108 | 153 | 8 | 1" | 1" | 332 | 202 | 269 | 7,5 | 39 |
| KP 38/18 220 M | 255 | 131 | 26 | 106 | 80 | 100 | 186 | 108 | 153 | 8 | 1" | 1" | 271 | 176 | 209 | 7,5 | 68 |
| KP 38/18 T | 255 | 130 | 26 | 106 | 80 | 100 | 157 | 108 | 153 | 8 | 1" | 1" | 271 | 176 | 209 | 7,5 | 68 |
| KP 60/6 M | 262 | 142 | 21 | 96 | 90 | 112 | 204 | 127 | 151 | 7 | 1/2" | 1/2" | 332 | 202 | 269 | 8,2 | 39 |
| KP 60/6 T | 262 | 142 | 21 | 96 | 90 | 112 | 173 | 127 | 151 | 7 | 1/2" | 1/2" | 332 | 202 | 269 | 7,9 | 39 |
| KP 60/12 M | 262 | 142 | 20 | 96 | 90 | 112 | 204 | 126 | 161 | 7 | 3/4" | 3/4" | 332 | 202 | 269 | 10,1 | 39 |
| KP 60/12 T | 262 | 142 | 20 | 96 | 90 | 112 | 173 | 126 | 161 | 7 | 3/4" | 3/4" | 332 | 202 | 269 | 9,9 | 39 |



Single impeller centrifugal pump suitable for domestic, civil, industrial and agricultural installations and for decanting, mixing and irrigating uses. Cast iron pump body and motor support. Technopolymer impeller.

Stainless steel driving shaft. Carbon/ceramic mechanical seal. Asynchronous, closed motor, cooled by external ventilation. Built-in thermal and current overload protection and a capacitor permanently on in the single-phase version. For the protection of the three-phase motor it is advisable to use a suitable overload protection complying with the regulations in force.



K 35/1200 T

Operating range from 1,8 to 96 m³/h with head up to 62 metres.

Pumped liquid characteristics clean, free from solids or abrasive substances, not viscous, not aggressive, not crystallised, chemically neutral and close to the characteristics of water.

Liquid temperature range

from -10°C to +50°C: for K 20/41, K 30/70, K 30/100, K 36/100, K 12/200, K 36/200, K 40/200.

from -15°C to +110°C: for the other pups.

Maximum operating range

K 20/41, K 30/70, K 30/100, K 36/100, K 12/200, K 14/400: **6 bar (600 kPa)**
K 36/200, K 40/200, K 55/200, K 11/500, K 18/500, K 28/500: **8 bar (800 kPa)**
K 40/400, K 50/400, K 30/800, K 40/800, K 50/800,
K 20/1200, K 25/1200, K 35/1200: **10 bar (1000 kPa)**

Maximum ambient temperature +40°C.

Protection level IP 44.

Terminal board protection level IP 55.

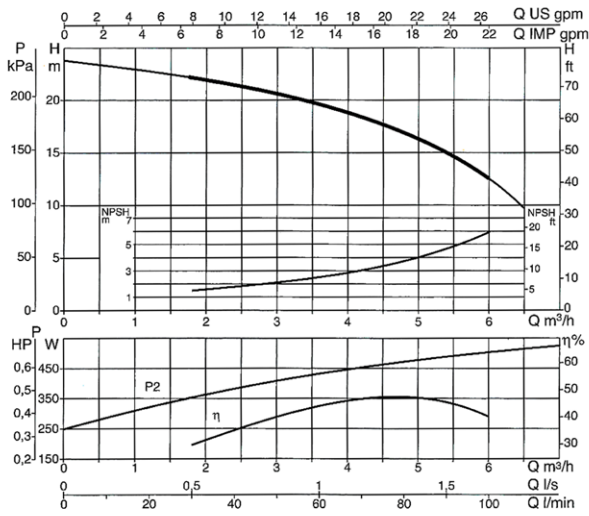
Insulation class F.

TECHNICAL DATA

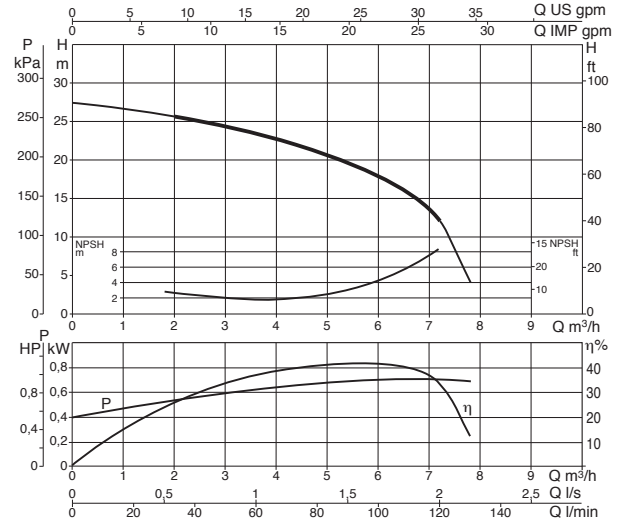
| MODEL | ELECTRICAL DATA | | | | | | |
|----------------------------------|---------------------------|-----------|------------|------|-----------|-----------|-----|
| | VOLTAGE 60 Hz | P1 MAX kW | P2 NOMINAL | | In A | CAPACITOR | |
| | | | kW | HP | | µF | Vc |
| K 20/41 115/60M NB * | 1x115 V~ | 0,4 | 0,37 | 0,5 | 4,3 | 40 | 250 |
| K 20/41 220-230/60M * | 1x220-230 V~ | 0,72 | 0,37 | 0,5 | 3-3,2 | 10 | 450 |
| K 20/41 M 115/230 V dual POWER * | 1115/230 V~ - dual POWER | 0,8 | 0,37 | 0,5 | 6,7-3,5 | 40 | 250 |
| K 20/41 220-277/380-480/60T * | 3x220-277/380-480 V~ | 0,74 | 0,37 | 0,5 | 2,2-1,26 | - | - |
| K 25/50 M 220-230/60M * | 1x220-230 V~ | 1 | 0,6 | 0,8 | 4,9-4,7 | 16 | 450 |
| K 30/70 115/60M NB | 1x115 V~ | 1,5 | 0,75 | 1 | 14,5 | 80 | 250 |
| K 30/70 220-230/60M NB | 1x220-230 V~ | 1,5 | 0,75 | 1 | 6,9-7,2 | 25 | 450 |
| K 30/70 M 115/230 V dual POWER | 1x115/230 V~ - dual POWER | 1,5 | 0,75 | 1 | 14,5-7,35 | 80 | 450 |
| K 30/70 220-277/380-480/60T | 3x220-277/380-480 V~ | 1,35 | 0,75 | 1 | 4-2,3 | - | - |
| K 30/100 220-230/60M CEE | 1x220-230 V~ | 1,72 | 1,1 | 1,5 | 7,6-6 | 31,5 | 450 |
| K 30/100 220-277/380-480/60T | 3x220-277/380-480 V~ max | 1,51 | 1,1 | 1,5 | 5,2-3 | - | - |
| K 36/100 220-230/60M CEE | 1x220-230 V~ | 2,1 | 1,85 | 2,5 | 9-9,4 | 40 | 450 |
| K 36/100 220-277/380-480/60T | 3x220-277/380-480 V~ | 2 | 1,85 | 2,5 | 6-3,4 | - | - |
| K 12/200 115/60M NB | 1x115 V~ | 1,27 | 0,75 | 1 | 12,9 | 80 | 250 |
| K 12/200 220-230/60M NB | 1x220-230 V~ | 1,18 | 0,75 | 1 | 5,9-6,2 | 25 | 450 |
| K 12/200 220-277/380-480/60T | 3x220-277/380-480 V~ | 1,2 | 0,75 | 1 | 3,7-2 | - | - |
| K 36/200 220-277/380-480/60T | 3x220-277/380-480 V~ | 3 | 2,2 | 3 | 9,4-4,7 | - | - |
| K 40/200 220-277/380-480/60T | 3x220-277/380-480 V~ | 4 | 3 | 4 | 10,4-8,6 | - | - |
| K 55/200 220-277/380-480/60T | 3x220-277/380-480 V~ | 5,2 | 4 | 5,5 | 15,6-9 | - | - |
| K 14/400 220-230/60M CEE | 1x220-230 V~ | 1,9 | 1,85 | 2,5 | 9-9,5 | 31,5 | 450 |
| K 14/400 220-277/380-480/60T | 3x220-277/380-480 V~ | 2 | 1,85 | 2,5 | 5,2-3 | - | - |
| K 11/500 220-277/380-480/60T | 3x220-277/380-480 V~ | 2,84 | 2,2 | 3 | 7,3-4,2 | - | - |
| K 28/500 220-277/380-480/60T | 3x220-277/380-480 V~ | 4,7 | 4 | 5,5 | 11,4-6,6 | - | - |
| K 40/400 220-277/380-480/60T | 3x220-277/380-480 V~ | 7,7 | 5,5 | 7,5 | 18,7-10,8 | - | - |
| K 50/400 220-277/380-480/60T | 3x220-277/380-480 V~ | 10 | 7,5 | 10 | 25-14,6 | - | - |
| K 30/800 220-277/380-480/60T | 3x220-277/380-480 V~ | 8,8 | 7,5 | 10 | 22,3-12,9 | - | - |
| K 40/800 220-277/380-480/60T | 3x220-277/380-480 V~ | 11 | 9,2 | 12,5 | 28,4-16,4 | - | - |
| K 50/800 220-277/380-480/60T | 3x220-277/380-480 V~ | 13 | 11 | 15 | 32-18,6 | - | - |
| K 20/1200 220-277/380-480/60T | 3x220-277/380-480 V~ | 8,9 | 7,5 | 10 | 22-12,8 | - | - |
| K 25/1200 220-277/380-480/60T | 3x220-277/380-480 V~ | 10 | 9,2 | 12,5 | 26-15 | - | - |
| K 35/1200 220-277/380-480/60T | 3x220-277/380-480 V~ | 12 | 11 | 15 | 29,4-17 | - | - |

* pump not suitable for domestic application

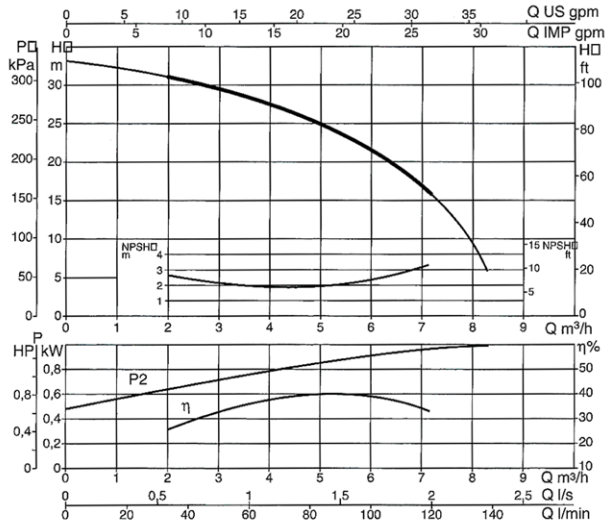
K 20/41



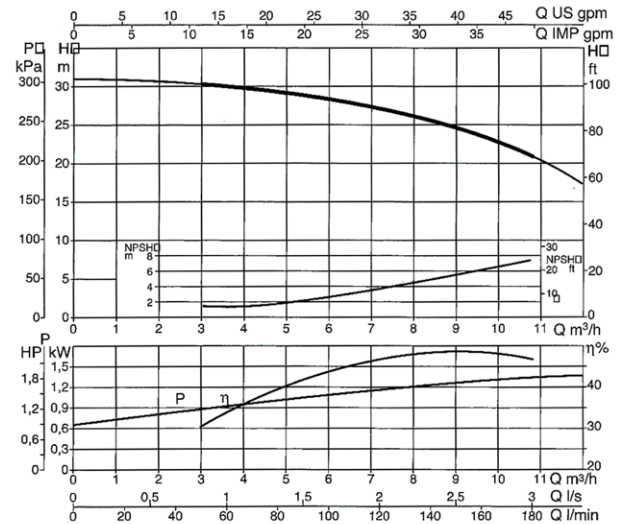
K 25/50



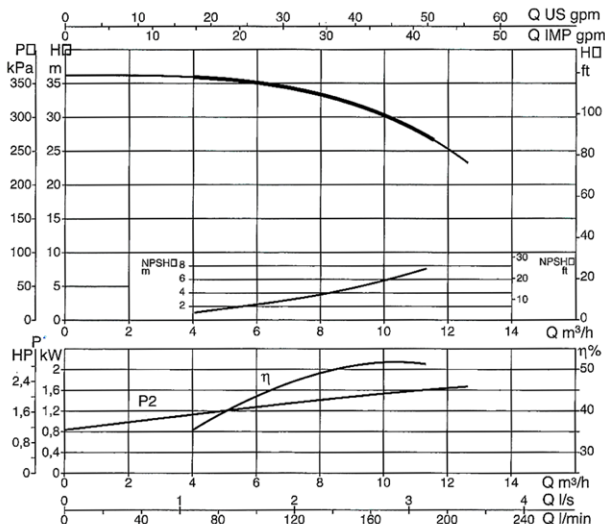
K 30/70



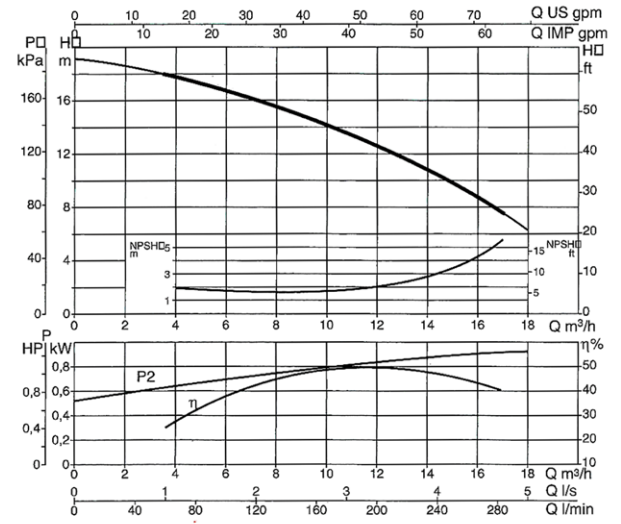
K 30/100



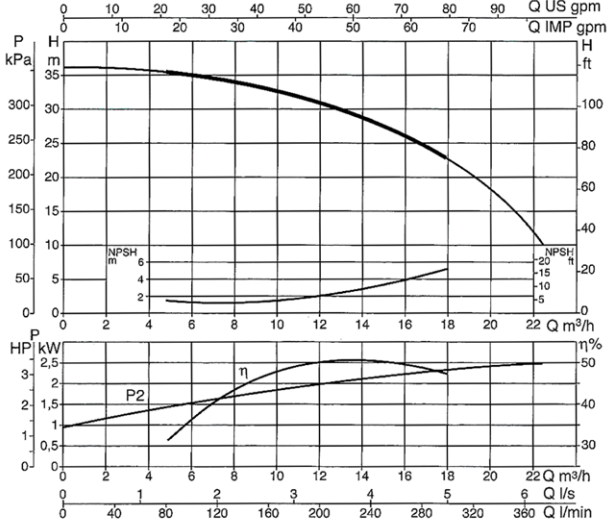
K 36/100



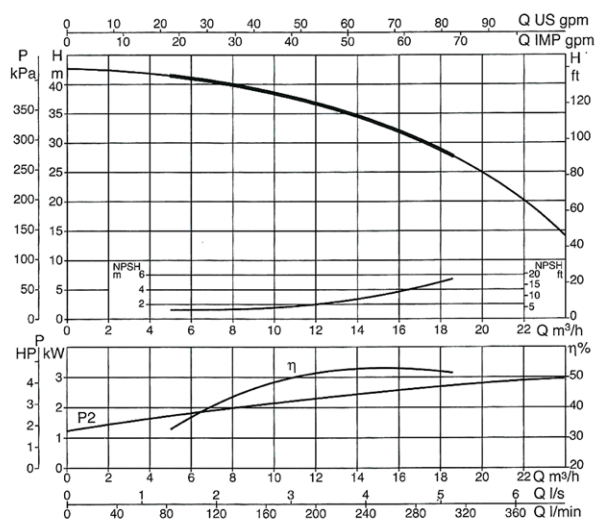
K 12/200



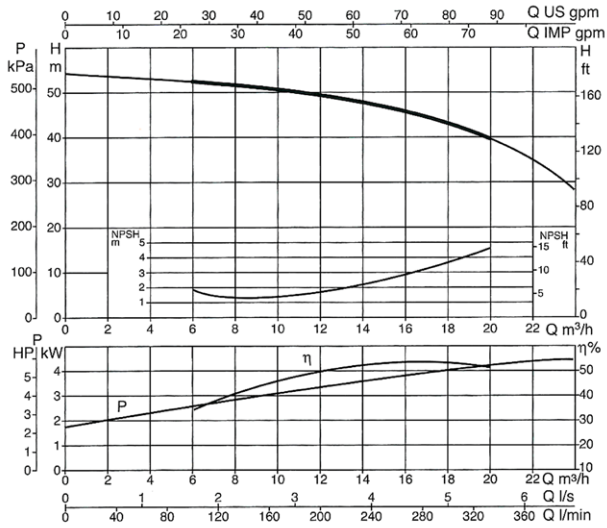
K 36/200



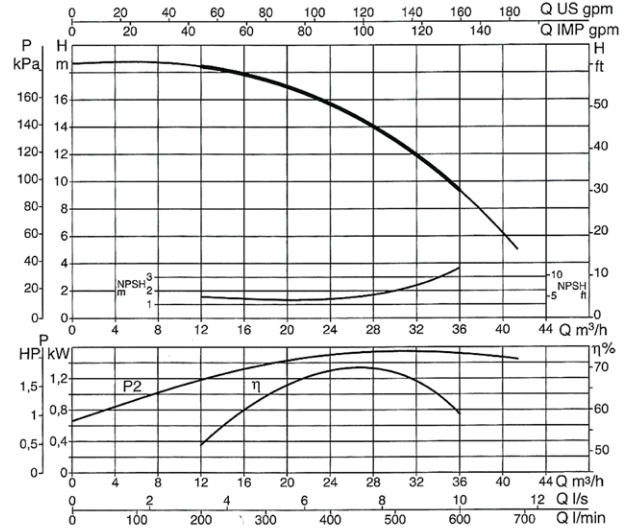
K 40/200



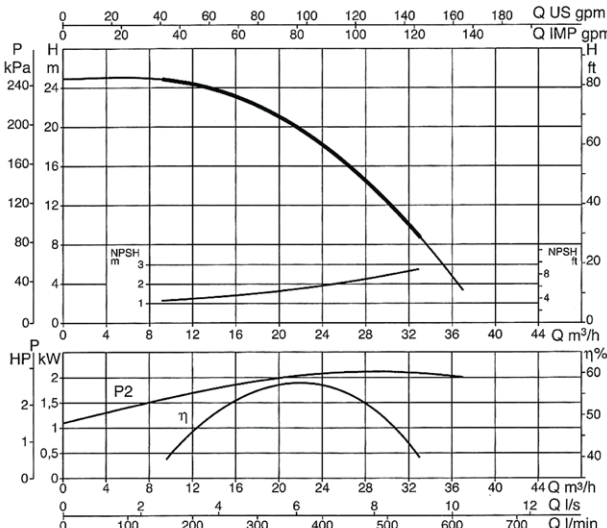
K 55/200



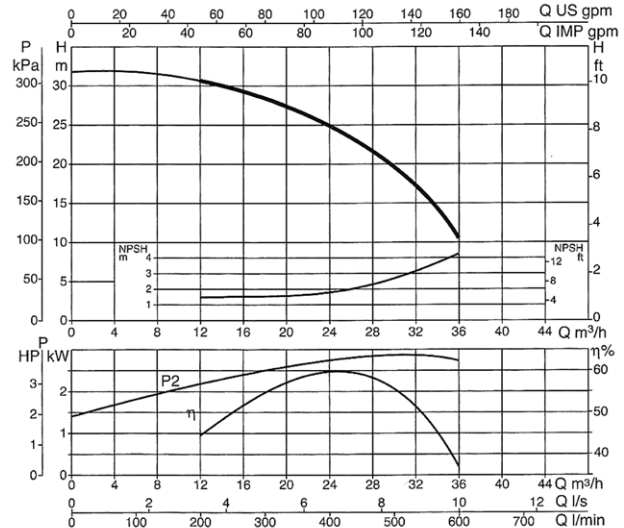
K 14/400



K 11/500

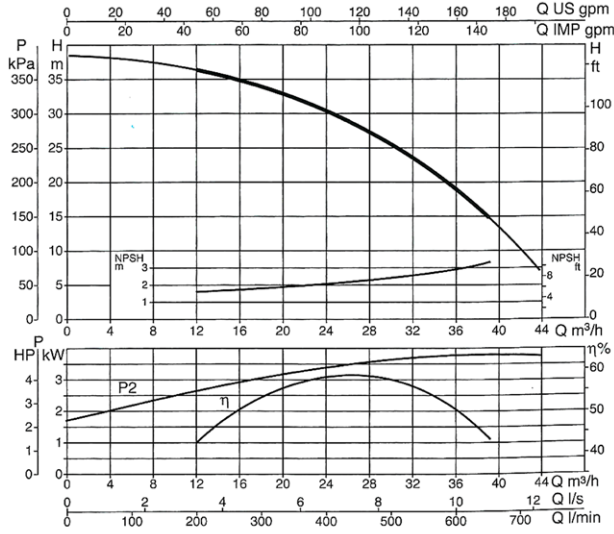


K 18/500

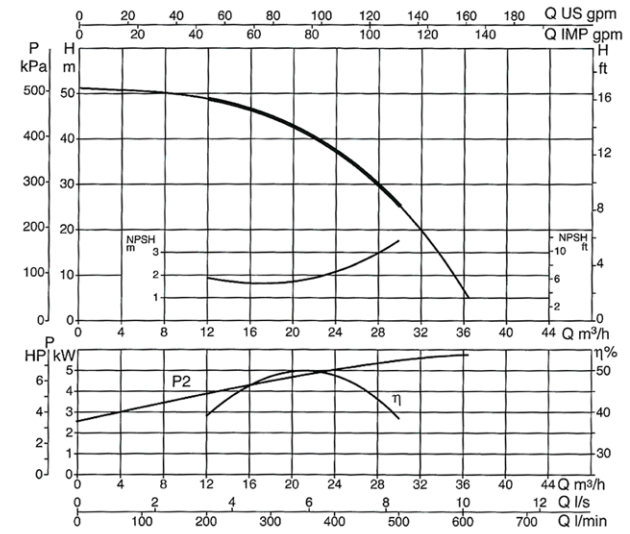


DCONNECT
COMMAND AND CONTROL SYSTEMS
CIRCULATORS AND IN-LINE PUMPS
MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS
SWIMMING POOL, POND AND SALT WATER PUMPS
CENTRIFUGAL PUMPS
SUBMERSIBLE PUMPS
SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS
PRESSURE UNITS

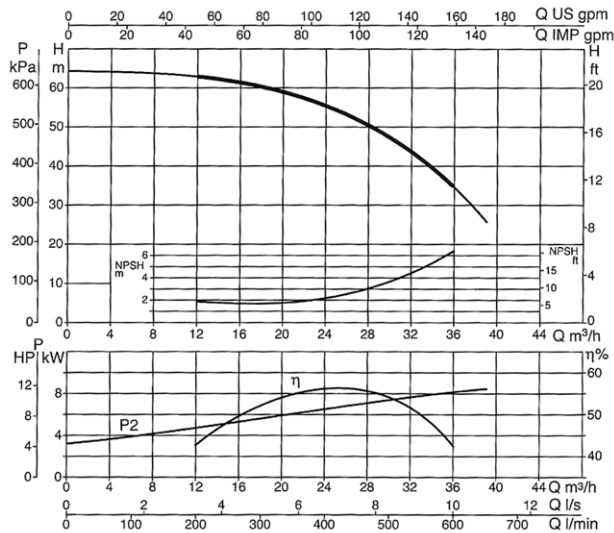
K 28/500



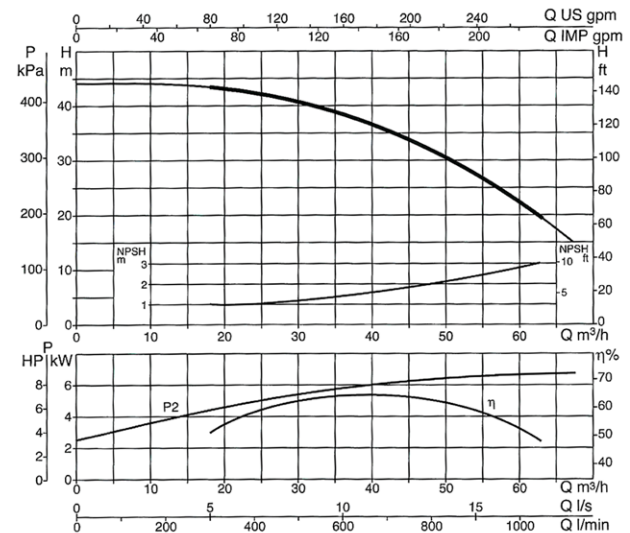
K 40/400



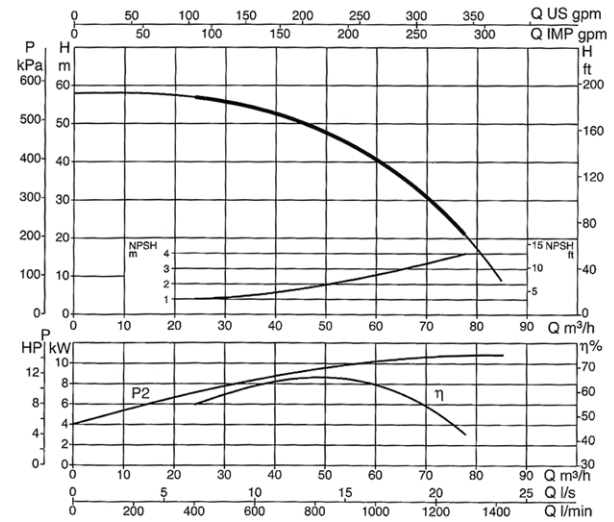
K 50/400



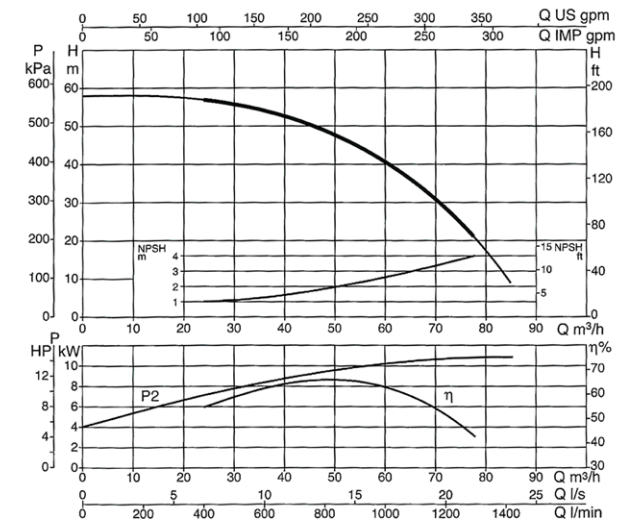
K 30/800



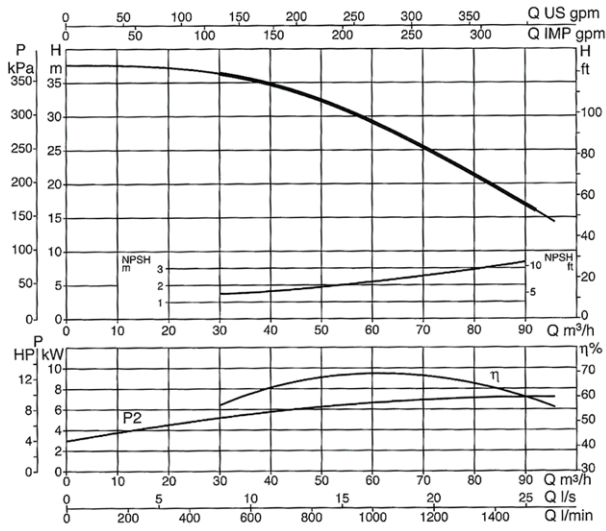
K 40/800



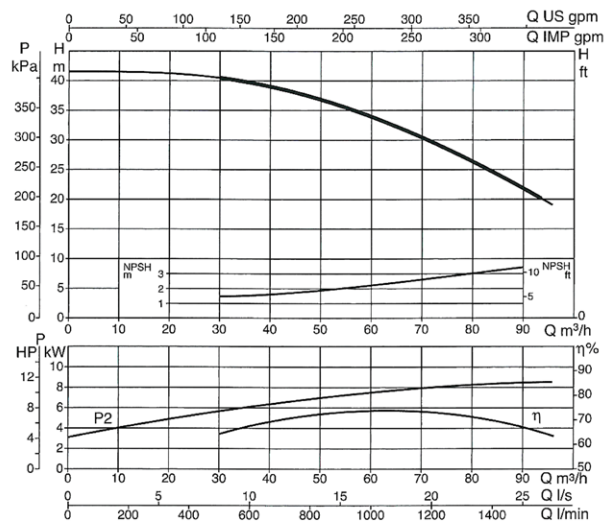
K 50/800



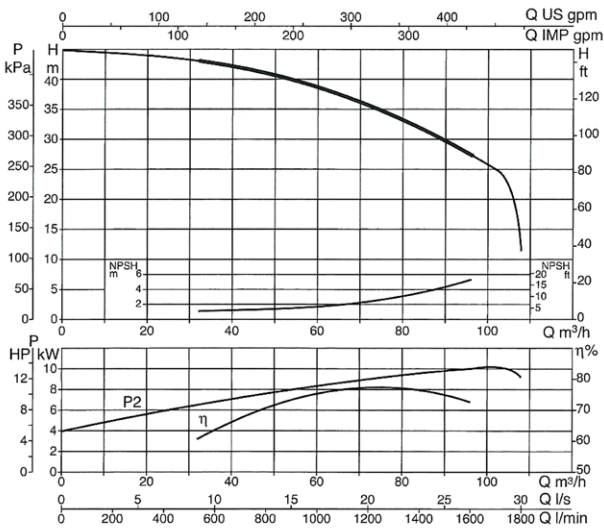
K 20/1200



K 25/1200



K 35/1200



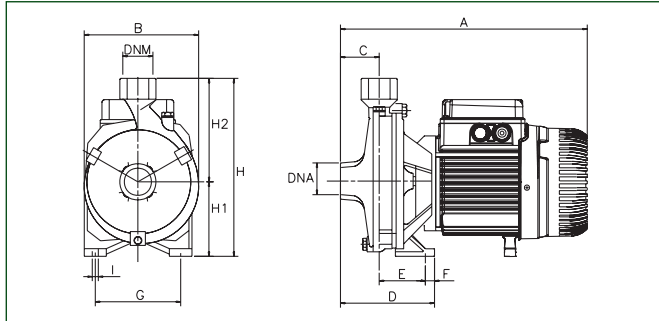
K - WATER SUPPLY

| MODEL | | P2 NOMINAL | | Q m ³ /h l/min | 0 | 0,3 | 0,6 | 0,9 | 1,2 | 1,8 | 2,4 | 3,6 | 4,8 | 6 | 7,2 | 9 | 9,6 | 10,5 | 12 | 15 | 18 | 24 | 30 | 36 | 42 | 60 | 72 | 84 | 100 | 120 | |
|---------------------|-------------|------------|------|---------------------------------|---|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|
| Single-phase | Three-phase | kW | HP | | 0 | 5 | 10 | 15 | 20 | 30 | 40 | 60 | 80 | 100 | 120 | 150 | 160 | 180 | 200 | 250 | 300 | 400 | 500 | 600 | 700 | 1000 | 1200 | 1400 | 1667 | 2000 | |
| K 20/41 M * | K 20/41 T * | 0,37 | 0,5 | 23,6 | | | | | 21,5 | 20,7 | 18,8 | 16,1 | 12,0 | 2,4 | | | | | | | | | | | | | | | | | |
| K 20/41 M 115/230 * | - | 0,37 | 0,5 | 23,4 | | | | | 21,5 | 21,0 | 19,0 | 16,3 | 12,2 | 4,5 | | | | | | | | | | | | | | | | | |
| K 30/70 M | K 30/70 T | 0,75 | 1 | 34,0 | | | | | 31,1 | 31,6 | 30 | 27,7 | 24,2 | 19,4 | | | | | | | | | | | | | | | | | |
| K 30/70 M 115/230 | - | 1,5 | 0,75 | 33,0 | | | | | 31,1 | 30,5 | 28,8 | 26,5 | 23 | 19,0 | | | | | | | | | | | | | | | | | |
| K 30/100 M | K 30/100 T | 1,1 | 1,5 | 30,5 | | | | | 29,9 | 29 | 28,4 | 27,5 | 26,2 | 22,5 | 21,2 | 18 | 11,2 | | | | | | | | | | | | | | |
| K 36/100 M | K 36/100 T | 1,85 | 2,5 | 35,6 | | | | | 35,4 | 35 | 34,6 | 33,8 | 32,4 | 30 | 28,8 | 26 | 21,3 | | | | | | | | | | | | | | |
| K 12/200 M | K 12/200 T | 0,75 | 1 | 19,2 | | | | | 17,5 | 17 | 16,5 | 16,2 | 15,5 | 14,3 | 14 | 13 | 11,9 | 9,1 | 5,3 | | | | | | | | | | | | |
| - | K 36/200 T | 2,2 | 3 | 36,7 | | | | | | | 36 | 35,5 | 34,5 | 33,4 | 33 | 32 | 30,6 | 26,5 | 21,1 | | | | | | | | | | | | |
| - | K 40/200 T | 3 | 4 | 42,3 | | | | | | | 41,5 | 41,3 | 40,5 | 39,3 | 39 | 38 | 36,8 | 33,4 | 28,8 | 13,8 | | | | | | | | | | | |
| - | K 55/200 T | 4 | 5,5 | 53,2 | | | | | | | 52 | 51,6 | 51 | 50,5 | 50 | 49 | 48,4 | 45,9 | 42,5 | 31,3 | | | | | | | | | | | |
| K 14/400 M | K 14/400 T | 1,85 | 2,5 | 18,8 | | | | | | | | | | | | | | 18,9 | 18,4 | 17,6 | 15,8 | 12,9 | 8,9 | | | | | | | | |
| - | K 11/500 T | 2,2 | 3 | 25,4 | | | | | | | | | | | | | | 24,5 | 23,5 | 22,3 | 18,8 | 16,7 | 7,8 | | | | | | | | |
| - | K 18/500 T | 3 | 4 | 32,1 | | | | | | | | | | | | | | 30,7 | 29,5 | 28,5 | 25,2 | 20,7 | 14,8 | 8,0 | | | | | | | |
| - | K 28/500 T | 4 | 5,5 | 36,8 | | | | | | | | | | | | | | 35,2 | 34,5 | 33,1 | 29,8 | 25,6 | 19,8 | 13 | | | | | | | |
| - | K 40/400 T | 5,5 | 7,5 | 49,1 | | | | | | | | | | | | | | 47 | 45 | 42 | 32 | 19 | 1,5 | | | | | | | | |
| - | K 50/400 T | 7,5 | 10 | 65,0 | | | | | | | | | | | | | | 62,1 | 61,1 | 59,1 | 54 | 44,0 | 29,2 | | | | | | | | |
| - | K 30/800 T | 7,5 | 10 | 44,6 | | | | | | | | | | | | | | | 44,9 | 44 | 42,2 | 39,5 | 37 | 24,2 | | | | | | | |
| - | K 40/800 T | 9,2 | 12,5 | 52,3 | | | | | | | | | | | | | | | 52,2 | 52 | 51 | 49,3 | 47 | 44 | 32,6 | 6 | | | | | |
| - | K 50/800 T | 11 | 15 | 58,3 | | | | | | | | | | | | | | | 58 | 57,9 | 57 | 55,3 | 53,0 | 50 | 38,1 | 10 | | | | | |
| - | K 20/1200 T | 7,5 | 10 | 38,2 | | | | | | | | | | | | | | | 37,4 | 37,1 | 37 | 36,8 | 36,0 | 35 | 30,4 | 26 | 21 | 13,7 | | | |
| - | K 25/1200 T | 9,2 | 12,5 | 41,8 | | | | | | | | | | | | | | | 41,1 | 41,0 | 40,5 | 40,2 | 39,5 | 39,0 | 34 | 30,0 | 24,5 | 17 | 6 | | |
| - | K 35/1200 T | 11 | 15 | 46,9 | | | | | | | | | | | | | | | 46,7 | 46,6 | 46,5 | 46,4 | 46,0 | 45 | 41,2 | 37,5 | 33 | 26,6 | 16,7 | | |
| K 35/40 M | K 35/40 T | 0,75 | 1 | 46,0 | | | | 43,1 | 41 | 39,1 | 33,9 | 22,8 | 5,5 | | | | | | | | | | | | | | | | | | |
| K 35/40 M 115/230 | - | 0,75 | 1 | 44,9 | | | | 42,2 | 40,5 | 38,1 | 31,8 | 22,4 | 5 | | | | | | | | | | | | | | | | | | |
| K 45/50 M | K 45/50 T | 1,1 | 1,5 | 53,1 | | | | 51 | 49,8 | 48 | 42,6 | 37 | 31 | 17,9 | | | | | | | | | | | | | | | | | |
| K 55/50 M | K 55/50 T | 1,85 | 2,5 | 62,1 | | | | 60,3 | 59 | 57,2 | 52,1 | 47,8 | 42,1 | 33 | | | | | | | | | | | | | | | | | |
| K 35/100 M | K 35/100 T | 1,1 | 1,5 | 37,4 | | | | | | 36 | 34,5 | 32 | 29 | 24,6 | 16,6 | 13,5 | 4,0 | | | | | | | | | | | | | | |
| K 40/100 M | K 40/100 T | 1,85 | 2,5 | 45,7 | | | | | | 45 | 43,8 | 41,5 | 39 | 35,3 | 28,3 | 25 | 18,1 | 4,6 | | | | | | | | | | | | | |
| - | K 55/100 T | 2,2 | 3 | 62,8 | | | | | | 59,7 | 56 | 52,6 | 46 | 43,0 | 36 | 28,9 | 19 | | | | | | | | | | | | | | |
| - | K 66/100 T | 3 | 4 | 72,3 | | | | | | 69 | 66,8 | 63 | 60 | 56,3 | 48,3 | 45,0 | 37,3 | 28,5 | | | | | | | | | | | | | |
| - | K 90/100 T | 4 | 5,5 | 80,0 | | | | | | 74,0 | 71 | 66 | 62,3 | 56,0 | 53,2 | 46,1 | 38 | | | | | | | | | | | | | | |
| - | K 70/300 T | 5,5 | 7,5 | 77,1 | | | | | | | | | | | | | | | 71,8 | 66 | 60 | 39,1 | 10 | | | | | | | | |
| - | K 80/300 T | 7,5 | 10 | 96,9 | | | | | | | | | | | | | | | 86,1 | 80 | 77 | 64,1 | 38 | | | | | | | | |
| - | K 70/400 T | 9,2 | 12,5 | 87,0 | | | | | | | | | | | | | | | 83 | 78,6 | 76 | 64 | 36 | 8 | | | | | | | |
| - | K 80/400 T | 11 | 15 | 102,2 | | | | | | | | | | | | | | | 98,6 | 96 | 92 | 79,4 | 56 | 25,2 | | | | | | | |

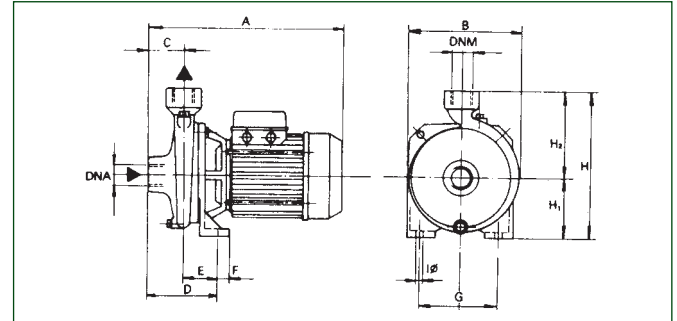
* pump not suitable for domestic application

DIMENSIONS AND WEIGHTS

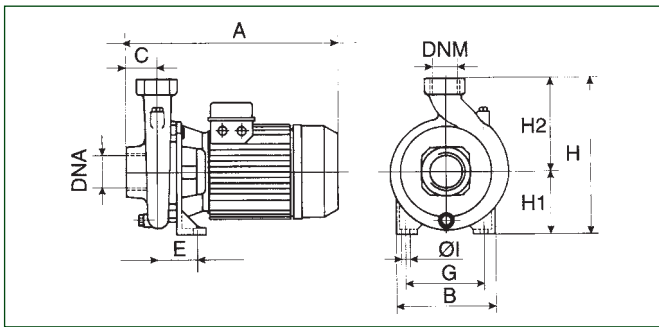
K 20/41 - 25/50 - 30/70 - 12/200



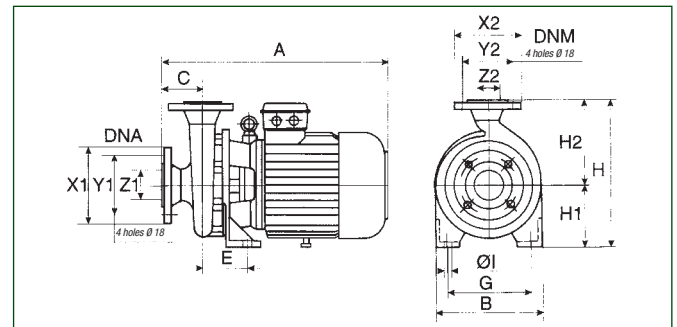
K 30/100 - 36/100



K 36/200 - 40/200 - 55/200 14/400 - 11/500 - 18/500 - 28/500



K 40/400 - 50/400 - 30/800 - 40/800 50/800 - 20/1200 - 25/1200 - 35/1200



| MODEL | A | B | C | D | E | F | G | IØ | H | H1 | H2 | DNA | | | DNM | | | PACKAGING DIMENSIONS | | | VOLUME | WEIGHT Kg |
|-------------------|-----|-----|-----|-----|-----|----|-----|----|-----|-----|-----|-------|-----|----|-------|-----|----|----------------------|-----|-----|--------|--------------|
| | | | | | | | | | | | | X1 | Y1 | Z1 | X2 | Y2 | Z2 | L/A | L/B | H | | |
| K 20/41 M | 300 | 160 | 50 | 100 | 50 | 15 | 110 | 9 | 205 | 85 | 120 | 1" | | | 1" | | | 332 | 202 | 257 | 0,024 | 10,1 |
| K 20/41 T | 300 | 160 | 50 | 100 | 50 | 15 | 110 | 9 | 205 | 85 | 120 | 1" | | | 1" | | | 332 | 202 | 257 | 0,024 | 9,3 |
| K 20/41 M 115/230 | 300 | 209 | 50 | 100 | 50 | 14 | 110 | 9 | 206 | 85 | 120 | 1" | | | 1" | | | 332 | 202 | | 0,024 | 10,4 |
| K 25/50 M | 300 | 160 | 50 | 100 | 50 | 15 | 110 | 9 | 205 | 85 | 120 | 1" | | | 1" | | | 332 | 202 | 257 | 0,024 | 10,1 |
| K 30/70 M | 300 | 185 | 50 | 108 | 58 | 15 | 140 | 9 | 235 | 100 | 135 | 1" | | | 1" | | | 232 | 232 | 262 | 0,024 | 14,8 |
| K 30/70 T | 346 | 185 | 50 | 108 | 58 | 15 | 140 | 9 | 235 | 100 | 135 | 1" | | | 1" | | | 392 | 232 | 262 | 0,024 | 13,7 |
| K 30/70 M 115/230 | 300 | 223 | 50 | 108 | 58 | 14 | 140 | 9 | 235 | 100 | 135 | 1" | | | 1" | | | 392 | 232 | | 0,024 | 15,1 |
| K 30/100 M | 333 | 200 | 50 | 114 | 64 | 15 | 140 | 9 | 255 | 105 | 150 | 1"1/2 | | | 1" | | | 427 | 246 | 307 | 0,032 | 18,5 |
| K 30/100 T | 333 | 200 | 50 | 114 | 64 | 15 | 140 | 9 | 255 | 105 | 150 | 1"1/2 | | | 1" | | | 427 | 246 | 307 | 0,032 | 18,2 |
| K 36/100 M-T | 333 | 200 | 50 | 114 | 64 | 15 | 140 | 9 | 255 | 105 | 150 | 1"1/2 | | | 1" | | | 427 | 246 | 307 | 0,032 | 19,7 |
| K 12/200 M | 335 | 169 | 45 | 114 | 69 | 15 | 110 | 9 | 218 | 85 | 125 | 1"1/2 | | | 1"1/2 | | | 392 | 232 | 262 | 0,024 | 14 |
| K 12/200 T | 351 | 169 | 45 | 114 | 69 | 15 | 110 | 9 | 218 | 85 | 125 | 1"1/2 | | | 1"1/2 | | | 392 | 232 | 262 | 0,024 | 13,8 |
| K 36/200 T | 425 | 250 | 55 | - | 86 | - | 175 | 14 | 320 | 135 | 185 | 2" | | | 1"1/4 | | | 512 | 276 | 345 | 0,049 | 32,1 |
| K 40/200 T | 425 | 250 | 55 | - | 86 | - | 175 | 14 | 320 | 135 | 185 | 2" | | | 1"1/4 | | | 512 | 276 | 345 | 0,049 | 33,9 |
| K 55/200 T | 425 | 250 | 62 | - | 86 | - | 175 | 14 | 320 | 135 | 185 | 2" | | | 1"1/4 | | | 512 | 276 | 345 | 0,049 | 33,9 |
| K 14/400 M | 430 | 200 | 62 | - | 74 | - | 120 | 14 | 270 | 105 | 165 | 2" | | | 2" | | | 427 | 246 | 307 | 0,032 | 24,5 |
| K 14/400 T | 358 | 200 | 62 | - | 74 | - | 120 | 14 | 270 | 105 | 165 | 2" | | | 2 | | | 427 | 246 | 307 | 0,032 | 22 |
| K 11/500 T | 440 | 240 | 62 | - | 100 | - | 155 | 14 | 312 | 132 | 180 | 2"1/2 | | | 2 | | | 512 | 286 | 345 | 0,049 | 33,2 |
| K 18/500 T | 440 | 240 | 62 | - | 100 | - | 155 | 14 | 312 | 132 | 180 | 2"1/2 | | | 2 | | | 512 | 286 | 345 | 0,049 | 35,6 |
| K 28/500 T | 440 | 240 | 62 | - | 100 | - | 155 | 14 | 312 | 132 | 180 | 2"1/2 | | | 2 | | | 512 | 286 | 345 | 0,049 | 39,6 |
| K 40/400 T | 580 | 273 | 100 | - | 100 | - | 212 | 14 | 360 | 160 | 200 | 185 | 145 | 65 | 185 | 125 | 50 | 680 | 330 | 572 | 0,128 | 78,8 |
| K 50/400 T | 580 | 273 | 100 | - | 100 | - | 212 | 14 | 360 | 160 | 200 | 185 | 145 | 65 | 185 | 125 | 50 | 680 | 330 | 572 | 0,128 | 78,8 |
| K 30/800 T | 620 | 273 | 100 | - | 100 | - | 212 | 14 | 385 | 160 | 200 | 185 | 160 | 65 | 185 | 125 | 50 | 680 | 330 | 572 | 0,128 | 90,2 |
| K 40/800 T | 620 | 273 | 100 | - | 100 | - | 212 | 14 | 385 | 160 | 200 | 185 | 160 | 65 | 185 | 125 | 50 | 680 | 330 | 572 | 0,128 | 95 |
| K 50/800 T | 620 | 273 | 100 | - | 100 | - | 212 | 14 | 385 | 160 | 200 | 185 | 160 | 65 | 185 | 125 | 50 | 680 | 330 | 572 | 0,128 | 104,3 |
| K 20/1200 T | 620 | 273 | 100 | - | 100 | - | 212 | 14 | 385 | 160 | 200 | 185 | 160 | 65 | 185 | 125 | 50 | 680 | 330 | 572 | 0,128 | 88 |
| K 25/1200 T | 620 | 273 | 100 | - | 100 | - | 212 | 14 | 385 | 160 | 200 | 185 | 160 | 65 | 185 | 125 | 50 | 680 | 330 | 572 | 0,128 | 94 |
| K 35/1200 T | 620 | 273 | 100 | - | 100 | - | 212 | 14 | 385 | 160 | 200 | 185 | 160 | 65 | 185 | 125 | 50 | 680 | 330 | 572 | 0,128 | 100 |



K 35/40 M



K 70/300 T



Twin impeller centrifugal pump designed for use in pressurisation units for water supply systems for domestic, civil and industrial use. Suitable for sprinkling irrigation and other water supply applications. Cast iron pump body and motor support. Technopolymer impeller. Stainless steel driving shaft. Carbon/ceramic mechanical seal. Asynchronous, closed motor, cooled by external ventilation. Built-in thermal and current overload protection and a capacitor permanently on in the single-phase version. For the protection of the three-phase motor it is advisable to use a suitable overload protection complying with the regulations in force.

Operating range

from 1.2 to 30 m³/h with head up to 97 metres.

Pumped liquid characteristics clean, free from solids or abrasive substances, not viscous, not aggressive, not crystallised, chemically neutral and close to the characteristics of water.

Liquid temperature range

from -10°C to +50°C: for K 35/40, K 45/50, K 35/100, K 40/100, K 55/100
from -15°C to +110°C: for K 55/50, K 66/100, K 90/100, K 70/300, K 80/300, K 70/400, K 80/400.

Maximum operating range

K 35/40, K 35/100, K 40/100: **6 bar (600 kPa)**
K 45/50, K 55/50: **8 bar (800 kPa)**
K 55/100, K 66/100: **10 bar (1000 kPa)**
K 90/100, K 70/300, K 80/300 K 70/400, K 80/400: **12 bar (1200 kPa).**

Maximum ambient temperature +40°C

Protection level IP 44

Terminal board protection level IP 55

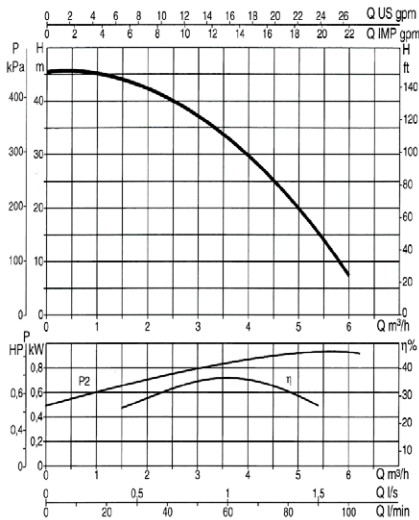
Insulation class F

TECHNICAL DATA

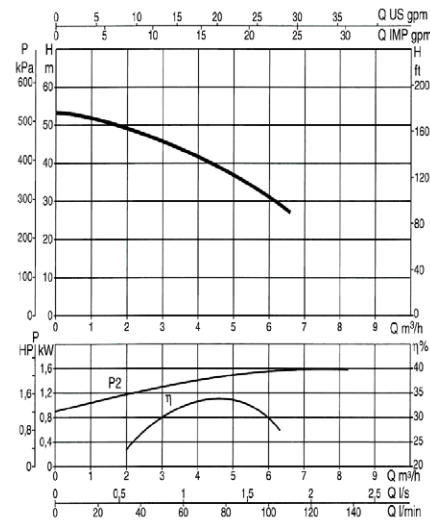
| MODEL |
|--------------------------------|
| K 35/40 115/60M NB |
| K 35/40 220-230/60M NB |
| K 35/40 M 115/230 V dual POWER |
| K 35/40 220-277/380-480/60T |
| K 45/50 220-230/60M CEE |
| K 45/50 220-277/380-480/60T |
| K 55/50 220-230/60M |
| K 55/50 220-277/380-480/60T |
| K 35/100 220-230/60M CEE |
| K 35/100 220-277/380-480/60T |
| K 40/100 220-230/60M CEE |
| K 40/100 220-277/380-480/60T |
| K 55/100 220-277/380-480/60T |
| K 66/100 220-277/380-480/60T |
| K 90/100 220-277/380-480/60T |
| K 70/300 220-277/380-480/60T |
| K 80/300 220-277/380-480/60T |
| K 70/400 220-277/380-480/60T |
| K 80/400 220-277/380-480/60T |

| VOLTAGE 60 Hz | P1 MAX kW | P2 NOMINAL | | In A | CAPACITOR | |
|---------------------------|-----------|------------|------|-----------|-----------|-----|
| | | kW | HP | | µF | Vc |
| | | | | | | |
| 1x115 V~ | 1,2 | 0,75 | 1 | 11,5 | 80 | 450 |
| 1x220-230 V~ | 1,33 | 0,75 | 1 | 5,5-5,7 | 20 | 450 |
| 1x115/230 V~ - dual POWER | 1,4 | 0,75 | 1 | 12,3-6,25 | 80 | 250 |
| 3x220-277/380-480 V~ | 1,3 | 0,75 | 1 | 3,6-2,1 | - | - |
| 1x220-230 V~ | 2,02 | 1,1 | 1,5 | 8,7-9,1 | 31,5 | 450 |
| 3x220-277/380-480 V~ | 2 | 1,1 | 1,5 | 5,5-3,2 | - | - |
| 1x220-230 V~ | 2,7 | 1,85 | 2,5 | 11,5-12 | 40 | 450 |
| 3x220-277/380-480 V~ | 2,4 | 1,85 | 2,5 | 6,7-3,9 | - | - |
| 1x220-230 V~ | 1,5 | 1,1 | 1,5 | 6,6-7 | 31,5 | 450 |
| 3x220-277/380-480 V~ | 1,35 | 1,1 | 1,5 | 4-2,3 | - | - |
| 1x220-230 V~ | 2 | 1,85 | 2,5 | 9,2-9,6 | 40 | 450 |
| 3x220-277/380-480 V~ | 1,9 | 1,85 | 2,5 | 5,2-3 | - | - |
| 3x220-277/380-480 V~ | 3,4 | 2,2 | 3 | 9,5-5,5 | - | - |
| 3x220-277/380-480 V~ | 4,7 | 3 | 4 | 12,3-7 | - | - |
| 3x220-277/380-480 V~ | 5,3 | 4 | 5,5 | 13,3-7,7 | - | - |
| 3x220-277/380-480 V~ | 7,6 | 5,5 | 7,5 | 11,8-12,4 | - | - |
| 3x220-277/380-480 V~ | 10 | 7,5 | 10 | 15,2-16 | - | - |
| 3x220-277/380-480 V~ | 10 | 9,2 | 12,5 | 15,2-16 | - | - |
| 3x220-277/380-480 V~ | 11,7 | 11 | 15 | 17,3-18,2 | - | - |

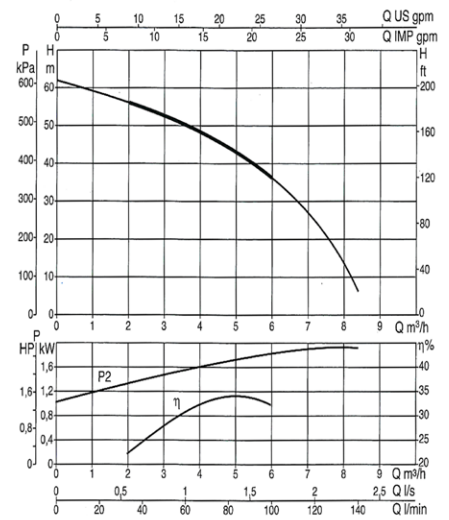
K 34/40



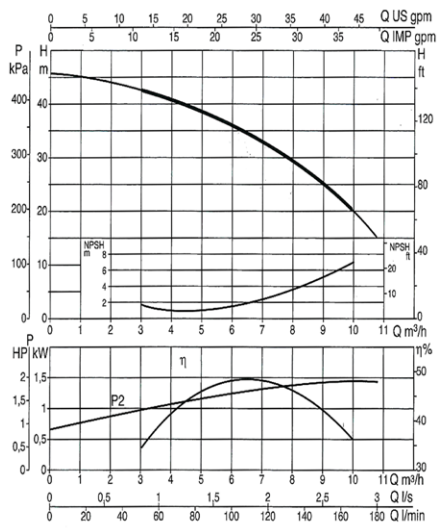
K 45/50



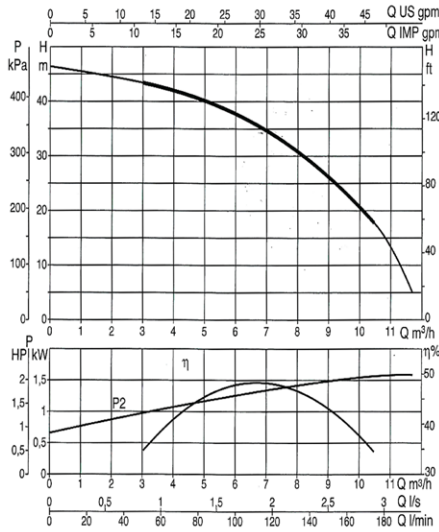
K 55/50



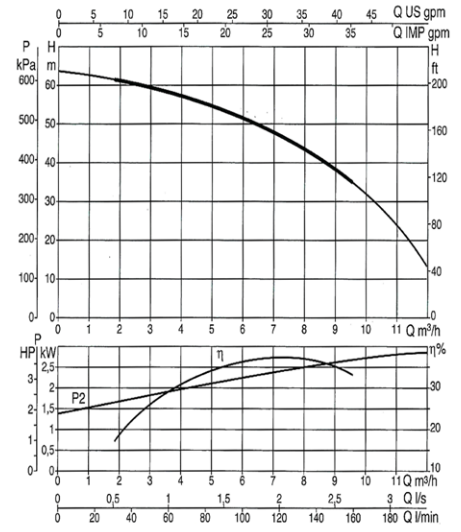
K 35/100



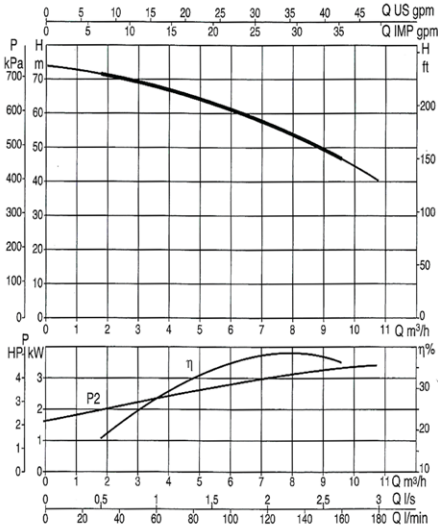
K 40/100



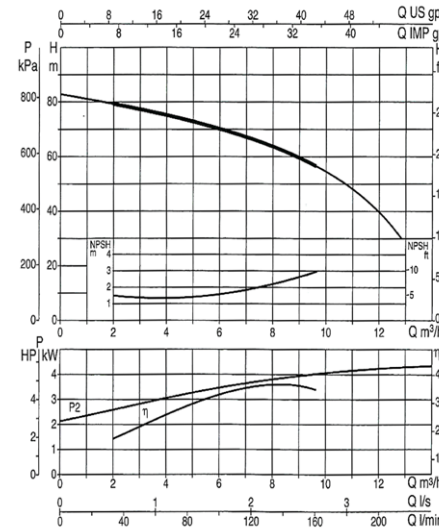
K 55/100



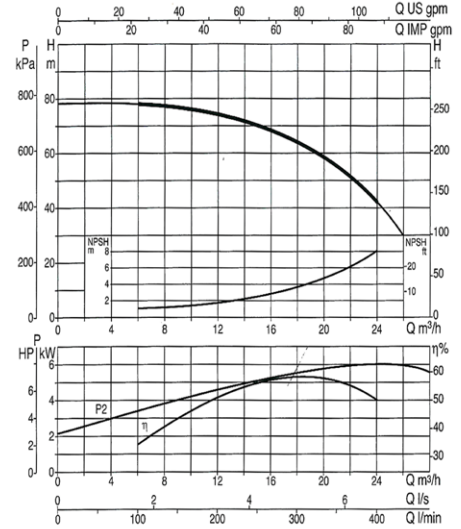
K 66/100



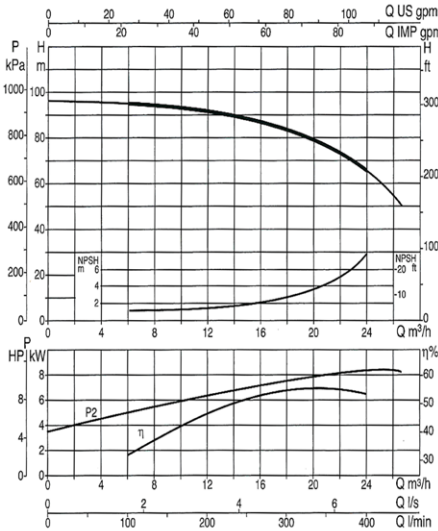
K 90/100



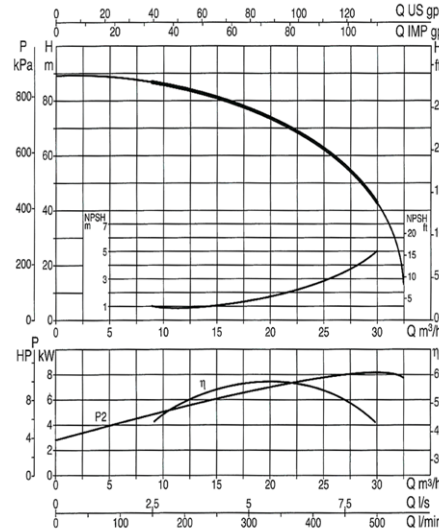
K 70/300



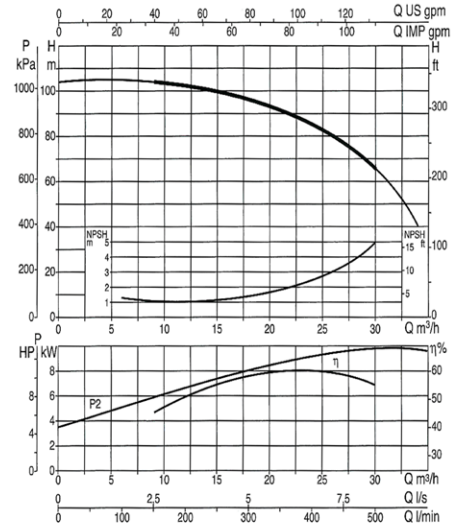
K 80/300



K 70/400



K 80/400



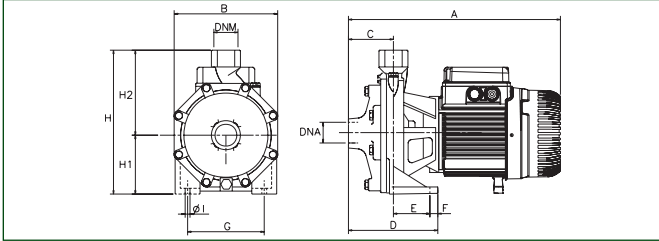
K - WATER SUPPLY

| MODEL | | P2 NOMINAL | | Q m³/h l/min | 0 | 0,3 | 0,6 | 0,9 | 1,2 | 1,8 | 2,4 | 3,6 | 4,8 | 6 | 7,2 | 9 | 9,6 | 10,5 | 12 | 15 | 18 | 24 | 30 | 36 | 42 | 60 | 72 | 84 | 100 | 120 | | | | | | | | | | | | | |
|----------------------------|--------------------|------------|------|--------------------|------|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Single-phase | Three-phase | kW | HP | | 0 | 5 | 10 | 15 | 20 | 30 | 40 | 60 | 80 | 100 | 120 | 150 | 160 | 180 | 200 | 250 | 300 | 400 | 500 | 600 | 700 | 1000 | 1200 | 1400 | 1667 | 2000 | | | | | | | | | | | | | |
| K 20/41 M * | K 20/41 T * | 0,37 | 0,5 | H (m) | 23,6 | | | | | 21,5 | 20,7 | 18,8 | 16,1 | 12,0 | 2,4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| K 20/41 M 115/230 * | - | 0,37 | 0,5 | | 23,4 | | | | | | 21,5 | 21,0 | 19,0 | 16,3 | 12,2 | 4,5 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| K 30/70 M | K 30/70 T | 0,75 | 1 | | 34,0 | | | | | | 31,1 | 31,6 | 30 | 27,7 | 24,2 | 19,4 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| K 30/70 M 115/230 | - | 1,5 | 0,75 | | 33,0 | | | | | | 31,1 | 30,5 | 28,8 | 26,5 | 23 | 19,0 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| K 30/100 M | K 30/100 T | 1,1 | 1,5 | | 30,5 | | | | | | 29,9 | 29 | 28,4 | 27,5 | 26,2 | 22,5 | 21,2 | 18 | 11,2 | | | | | | | | | | | | | | | | | | | | | | | | |
| K 36/100 M | K 36/100 T | 1,85 | 2,5 | | 35,6 | | | | | | 35,4 | 35 | 34,6 | 33,8 | 32,4 | 30 | 28,8 | 26 | 21,3 | | | | | | | | | | | | | | | | | | | | | | | | |
| K 12/200 M | K 12/200 T | 0,75 | 1 | | 19,2 | | | | | | 17,5 | 17 | 16,5 | 16,2 | 15,5 | 14,3 | 14 | 13 | 11,9 | 9,1 | 5,3 | | | | | | | | | | | | | | | | | | | | | | |
| - | K 36/200 T | 2,2 | 3 | | 36,7 | | | | | | | | 36 | 35,5 | 34,5 | 33,4 | 33 | 32 | 30,6 | 26,5 | 21,1 | | | | | | | | | | | | | | | | | | | | | | |
| - | K 40/200 T | 3 | 4 | | 42,3 | | | | | | | | 41,5 | 41,3 | 40,5 | 39,3 | 39 | 38 | 36,8 | 33,4 | 28,8 | 13,8 | | | | | | | | | | | | | | | | | | | | | |
| - | K 55/200 T | 4 | 5,5 | | 53,2 | | | | | | | | 52 | 51,6 | 51 | 50,5 | 50 | 49 | 48,4 | 45,9 | 42,5 | 31,3 | | | | | | | | | | | | | | | | | | | | | |
| K 14/400 M | K 14/400 T | 1,85 | 2,5 | | 18,8 | | | | | | | | | | | | | | | 18,9 | 18,4 | 17,6 | 15,8 | 12,9 | 8,9 | | | | | | | | | | | | | | | | | | |
| - | K 11/500 T | 2,2 | 3 | | 25,4 | | | | | | | | | | | | | | | 24,5 | 23,5 | 22,3 | 18,8 | 16,7 | 7,8 | | | | | | | | | | | | | | | | | | |
| - | K 18/500 T | 3 | 4 | | 32,1 | | | | | | | | | | | | | | | 30,7 | 29,5 | 28,5 | 25,2 | 20,7 | 14,8 | 8,0 | | | | | | | | | | | | | | | | | |
| - | K 28/500 T | 4 | 5,5 | | 36,8 | | | | | | | | | | | | | | | 35,2 | 34,5 | 33,1 | 29,8 | 25,6 | 19,8 | 13 | | | | | | | | | | | | | | | | | |
| - | K 40/400 T | 5,5 | 7,5 | | 49,1 | | | | | | | | | | | | | | | 47 | 45 | 42 | 32 | 19 | 1,5 | | | | | | | | | | | | | | | | | | |
| - | K 50/400 T | 7,5 | 10 | | 65,0 | | | | | | | | | | | | | | | 62,1 | 61,1 | 59,1 | 54 | 44,0 | 29,2 | | | | | | | | | | | | | | | | | | |
| - | K 30/800 T | 7,5 | 10 | | 44,6 | | | | | | | | | | | | | | | | 44,9 | 44 | 42,2 | 39,5 | 37 | 24,2 | | | | | | | | | | | | | | | | | |
| - | K 40/800 T | 9,2 | 12,5 | | 52,3 | | | | | | | | | | | | | | | | 52,2 | 52 | 51 | 49,3 | 47 | 44 | 32,6 | 6 | | | | | | | | | | | | | | | |
| - | K 50/800 T | 11 | 15 | | 58,3 | | | | | | | | | | | | | | | | 58 | 57,9 | 57 | 55,3 | 53,0 | 50 | 38,1 | 10 | | | | | | | | | | | | | | | |
| - | K 20/1200 T | 7,5 | 10 | | 38,2 | | | | | | | | | | | | | | | | 37,4 | 37,1 | 37 | 36,8 | 36,0 | 35 | 30,4 | 26 | 21 | 13,7 | | | | | | | | | | | | | |
| - | K 25/1200 T | 9,2 | 12,5 | 41,8 | | | | | | | | | | | | | | | | 41,1 | 41,0 | 40,5 | 40,2 | 39,5 | 39,0 | 34 | 30,0 | 24,5 | 17 | 6 | | | | | | | | | | | | | |
| - | K 35/1200 T | 11 | 15 | 46,9 | | | | | | | | | | | | | | | | 46,7 | 46,6 | 46,5 | 46,4 | 46,0 | 45 | 41,2 | 37,5 | 33 | 26,6 | 16,7 | | | | | | | | | | | | | |
| K 35/40 M | K 35/40 T | 0,75 | 1 | 46,0 | | | | | 43,1 | 41 | 39,1 | 33,9 | 22,8 | 5,5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| K 35/40 M 115/230 | - | 0,75 | 1 | 44,9 | | | | | 42,2 | 40,5 | 38,1 | 31,8 | 22,4 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| K 45/50 M | K 45/50 T | 1,1 | 1,5 | 53,1 | | | | | 51 | 49,8 | 48 | 42,6 | 37 | 31 | 17,9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| K 55/50 M | K 55/50 T | 1,85 | 2,5 | 62,1 | | | | | 60,3 | 59 | 57,2 | 52,1 | 47,8 | 42,1 | 33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| K 35/100 M | K 35/100 T | 1,1 | 1,5 | 37,4 | | | | | | | 36 | 34,5 | 32 | 29 | 24,6 | 16,6 | 13,5 | 4,0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| K 40/100 M | K 40/100 T | 1,85 | 2,5 | 45,7 | | | | | | | 45 | 43,8 | 41,5 | 39 | 35,3 | 28,3 | 25 | 18,1 | 4,6 | | | | | | | | | | | | | | | | | | | | | | | | |
| - | K 55/100 T | 2,2 | 3 | 62,8 | | | | | | | 59,7 | 56 | 52,6 | 46 | 43,0 | 36 | 28,9 | 19 | | | | | | | | | | | | | | | | | | | | | | | | | |
| - | K 66/100 T | 3 | 4 | 72,3 | | | | | | | 69 | 66,8 | 63 | 60 | 56,3 | 48,3 | 45,0 | 37,3 | 28,5 | | | | | | | | | | | | | | | | | | | | | | | | |
| - | K 90/100 T | 4 | 5,5 | 80,0 | | | | | | | | 74,0 | 71 | 66 | 62,3 | 56,0 | 53,2 | 46,1 | 38 | | | | | | | | | | | | | | | | | | | | | | | | |
| - | K 70/300 T | 5,5 | 7,5 | 77,1 | | | | | | | | | | | | | | | | 71,8 | 66 | 60 | 39,1 | 10 | | | | | | | | | | | | | | | | | | | |
| - | K 80/300 T | 7,5 | 10 | 96,9 | | | | | | | | | | | | | | | | 86,1 | 80 | 77 | 64,1 | 38 | | | | | | | | | | | | | | | | | | | |
| - | K 70/400 T | 9,2 | 12,5 | 87,0 | | | | | | | | | | | | | | | | 83 | 78,6 | 76 | 64 | 36 | 8 | | | | | | | | | | | | | | | | | | |
| - | K 80/400 T | 11 | 15 | 102,2 | | | | | | | | | | | | | | | | 98,6 | 96 | 92 | 79,4 | 56 | 25,2 | | | | | | | | | | | | | | | | | | |

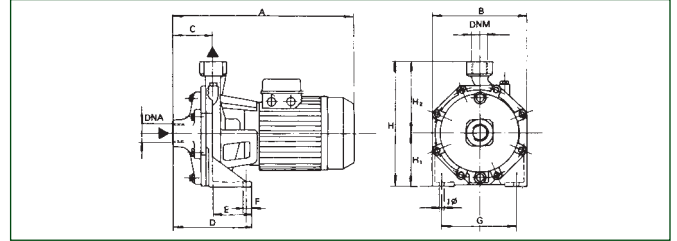
* pump not suitable for domestic application

DIMENSIONS AND WEIGHTS

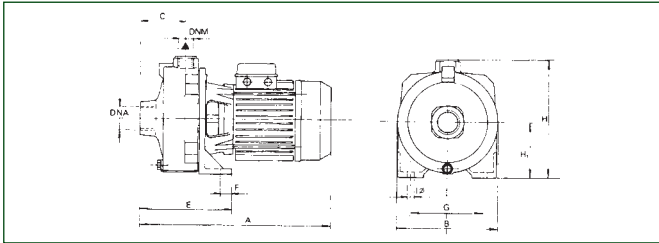
K 35/40



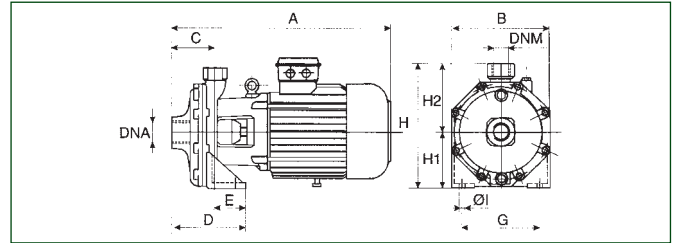
K 45/50 - 55/50 - 66/100 - 90/100



K 35/100 - 40/100



K 70/300 - 80/300 - 70/400 - 80/400



| MODEL | A | B | C | D | E | F | G | I Ø | H | H1 | H2 | DNA NPT | DNM NPT | PACKAGING DIMENSIONS | | | VOLUME m³ | WEIGHT Kg |
|---------------------|-----|-----|-----|-----|-----|----|-----|------|-------|-----|-------|---------|---------|----------------------|-----|-----|-----------|-----------|
| | | | | | | | | | | | | | | L/A | L/B | H | | |
| K 35/40 M-T | 363 | 180 | 76 | 148 | 72 | 15 | 148 | 9,5 | 235 | 100 | 135 | 1" | 1" | 392 | 232 | 362 | 0,024 | 16,1 |
| K 35/40 M 115/230 V | 363 | 217 | 76 | 148 | 72 | 15 | 148 | 9,5 | 235 | 100 | 135 | 1" | 1" | 392 | 232 | 362 | 0,024 | 16,3 |
| K 45/50 M-T | 370 | 310 | 75 | 144 | 69 | 15 | 165 | 11,5 | 268 | 118 | 150 | 1 1/4" | 1" | 427 | 246 | 297 | 0,031 | 23,3 |
| K 55/50 M-T | 370 | 310 | 75 | 144 | 69 | 15 | 165 | 11,5 | 268 | 118 | 150 | 1 1/4" | 1" | 427 | 246 | 297 | 0,031 | 23,3 |
| K 35/100 M-T | 387 | 205 | 88 | - | 179 | 20 | 145 | 11 | 233 | 108 | 125 | 1 1/2" | 1" | 427 | 246 | 297 | 0,031 | 21,5 |
| K 40/100 M | 461 | 205 | 88 | - | 179 | 20 | 145 | 11 | 233 | 108 | 125 | 1 1/2" | 1" | 522 | 246 | 297 | 0,031 | 23 |
| K 40/100 T | 387 | 205 | 88 | - | 179 | 20 | 145 | 11 | 233 | 108 | 125 | 1 1/2" | 1" | 427 | 246 | 307 | 0,039 | 22 |
| K 55/100 T | 450 | 256 | 88 | 160 | 72 | 15 | 200 | 14 | 312,5 | 140 | 172,5 | 1 1/2" | 1" | 512 | 286 | 297 | 0,031 | 37,1 |
| K 66/100 T | 450 | 256 | 88 | 160 | 72 | 15 | 200 | 14 | 312,5 | 140 | 172,5 | 1 1/2" | 1" | 512 | 286 | 345 | 0,051 | 39,7 |
| K 90/100 T | 450 | 256 | 88 | 160 | 72 | 15 | 200 | 14 | 312,5 | 140 | 172,5 | 1 1/2" | 1" | 512 | 286 | 345 | 0,051 | 43 |
| K 70/300 T | 615 | 270 | 122 | 202 | 60 | - | 210 | 14 | 340 | 160 | 180 | 2" | 1 1/4" | 680 | 330 | 562 | 0,126 | 72 |
| K 80/300 T | 615 | 270 | 122 | 202 | 60 | - | 210 | 14 | 340 | 160 | 180 | 2" | 1 1/4" | 680 | 330 | 562 | 0,126 | 78,05 |
| K 70/400 T | 655 | 270 | 122 | 202 | 60 | - | 210 | 14 | 340 | 160 | 180 | 2" | 1 1/4" | 680 | 330 | 562 | 0,126 | 74 |
| K 80/400 T | 655 | 270 | 122 | 202 | 60 | - | 210 | 14 | 340 | 160 | 180 | 2" | 1 1/4" | 680 | 330 | 562 | 0,126 | 80 |

NKM-GE NKP-GE

ENBLOC CENTRIFUGAL PUMPS WITH INVERTER



Enbloc electric centrifugal pumps with coupling, designed for a wide range of applications such as:

- homes;
- apartment blocks;
- camp sites;
- swimming pools;
- farms;
- well water supply;
- irrigation for greenhouses, gardens, agriculture;
- re-use of rainwater;
- industrial systems.



Highly versatile pumps thanks to the use of the **MCE/P** inverter, to guarantee performance able to automatically adapt to the various system requirements, while maintaining constant pressure. Spiral single-stage body in cast iron according to DIN-EN 733 (ex DIN 24255), cast iron support, flanges according to DIN 2533 and DIN 2532 for DN 200. Cast iron impeller, sealed and dynamically balanced with compensation of the axial thrust via balancing holes, operating (on request) on interchangeable wear rings. Pump shaft in AISI 304 stainless steel. Seal: standardised mechanical seal according to DIN 24960 in carbon/silicon carbide with O-rings in EPDM. Asynchronous, closed motor cooled by external ventilation, construction design B3/B5, 2-pole for NKPGE and 4-pole for NKM-GE.

Rotor mounted on generously sized ball bearings to ensure silent and durable operation.

Speed of rotation 1450 - 2900 1/min.

Operating range from 1 a 450 m³/h head up to 72 metri.

Liquid temp. range from -10°C to +80°C.

Pumped liquid clean, free from solids or abrasive substances, not viscous, not aggressive, not crystallised and chemically neutral and close to the characteristics of water. **Installation:** normally horizontal or vertical provided the motor is always above the pump.

Max. ambient temperature +40°C

Maximum operating pressure 16 bar - 1600 kPa (for DN 200 max. 10 bar).

Protection rating IP 55

Insulation class F

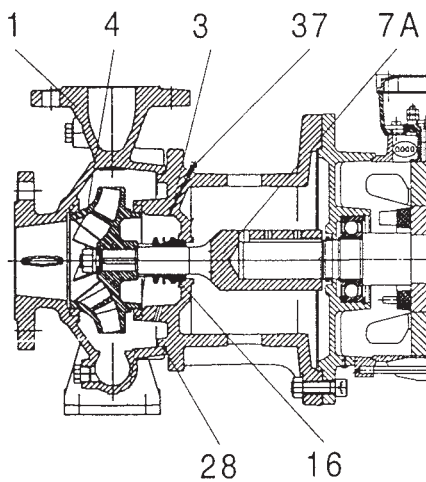
Flanging PN 16 DIN 2533

Special versions on request

Pumps for liquids other than water.

Other voltages and/or frequencies.

Inverter modulation with 0-10V signal



| No. | PARTS | MATERIALS (standard version) |
|-----|-----------------|--|
| 1 | PUMP BODY | CAST IRON 250 UNI ISO 185 |
| 3 | SUPPORT | CAST IRON 250 UNI ISO 185 |
| 4 | IMPELLER | CAST IRON 250 UNI ISO 185 |
| 7A | PUMP SHAFT | AISI 304 STAINLESS STEEL - UNI 6900/71 |
| 16 | MECHANICAL SEAL | CARBON/SILICON CARBIDE - EPDM |
| 28 | OR RING | EPDM |
| 37 | BLEED COCK | AISI 304 STAINLESS STEEL - UNI 6900/71 |

| No. | PARTS | MATERIALS (version on request) |
|-----|-----------------|---|
| 4 | IMPELLER | BRONZE GCuSn5Zn5Pb5 UNI 7013/8a-72 |
| 16 | MECHANICAL SEAL | SILICON CARBIDE/SILICON CARBIDE - EPDM SILICON CARBIDE/SILICON CARBIDE - VITON CARBON/SILICON CARBIDE - VITON |

FLANGE SIZES (mm)

| DN | ø Nominal diameter (DN) | | | | DN | ø Nominal diameter (DN) | | | |
|-------|-------------------------|-----|-----|-----|-----|-------------------------|-----|-----|-----|
| | DIN 2533 PN 16 | | | | | DIN 2532 PN 16 | | | |
| DN | 32 | 40 | 50 | 65 | 80 | 100 | 125 | 150 | 200 |
| D2 | 100 | 110 | 125 | 145 | 160 | 180 | 210 | 240 | 295 |
| D3 | 140 | 150 | 165 | 185 | 200 | 220 | 250 | 285 | 340 |
| HOLES | ø | 18 | | | ø | 18 | | | 22 |
| | N° | 4 | | | | 8 | | | 8 |

DCCONNECT
 COMMAND AND CONTROL SYSTEMS
 CIRCULATORS AND IN-LINE PUMPS
 MULTISERVICE CENTRIFUGAL AND SELF-PRIMING PUMPS
 SWIMMING POOL, POND AND SALT WATER PUMPS
 CENTRIFUGAL PUMPS
 SUBMERSIBLE PUMPS
 SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS
 PRESSURE UNITS

NKM-GE 4 POLES

ENBLOC CENTRIFUGAL PUMPS WITH INVERTER

TECHNICAL DATA - NKM-GE 4 POLES

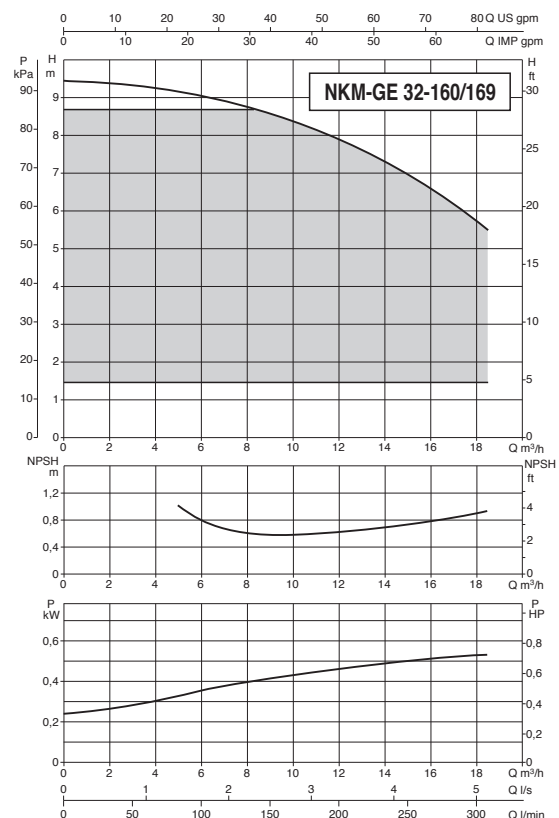
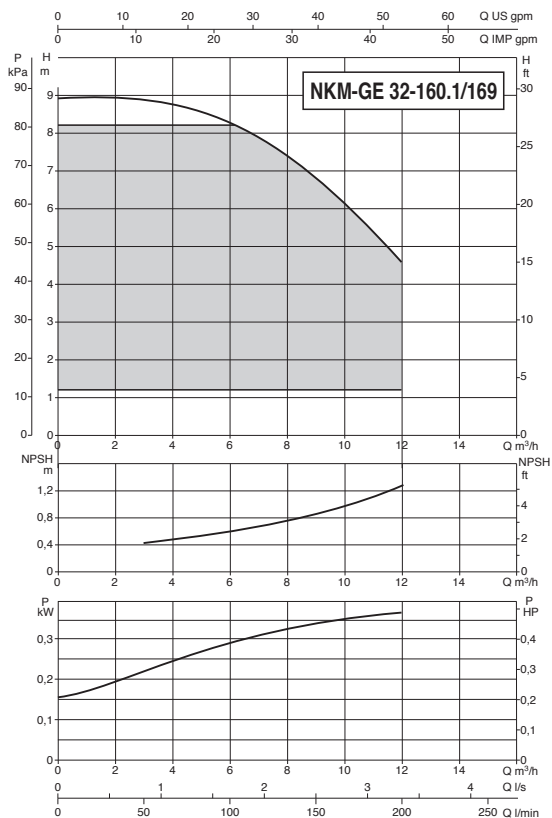
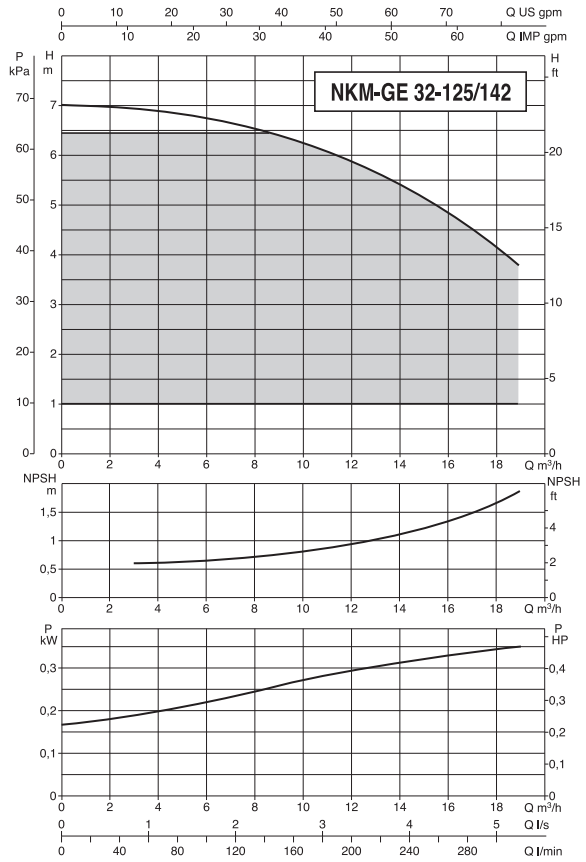
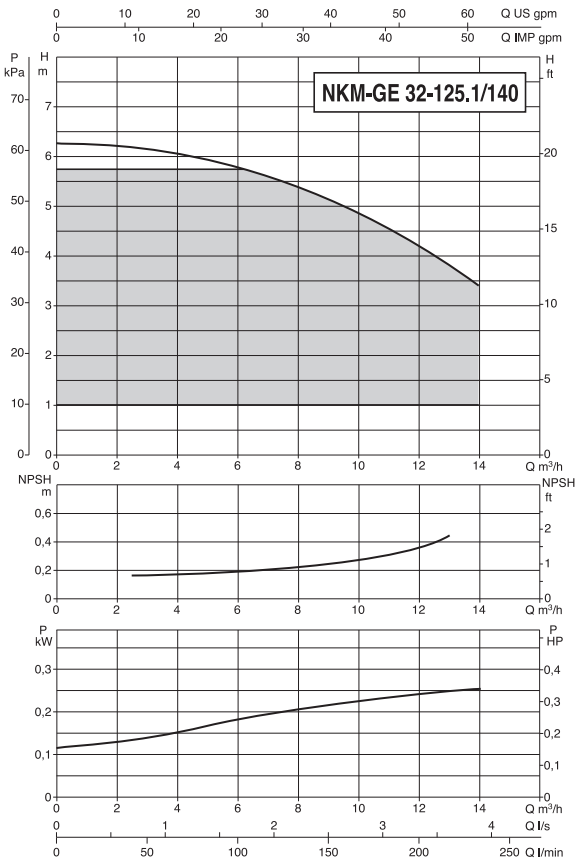
| MODEL | ELECTRICAL DATA | | | | ENGINE SIZE | Ø mm MECHANICAL SEALING | DNA | DNM | |
|--|-----------------|-------------------------|------------|-------|-------------|-------------------------|-----|-----|------|
| | VOLTAGE 60 Hz | P1 PUMPS +INVERTER [KW] | P2 NOMINAL | | | | | | In A |
| | | | KW | HP | | | | | |
| NKM-GE 32-125.1/140/A/BAQE/0.25/4 M MCE11/C | 1x220-240V ~ | 0,44 | 0,25 | 0,33 | 4,7 | MEC71 | 28 | 50 | 32 |
| NKM-GE 32-125/142/A/BAQE/ 0.37/4 M MCE11/CMCE11/C | 1x220-240V ~ | 0,55 | 0,37 | 0,50 | 5,5 | MEC71 | 28 | 50 | 32 |
| NKM-GE 32-160.1/169/A/BAQE/0.37/4 M MCE11/C | 1x220-240V ~ | 0,55 | 0,37 | 0,50 | 5,5 | MEC71 | 28 | 50 | 32 |
| NKM-GE 32-160/169/A/BAQE/0,55/4 M MCE11/C | 1x220-240V ~ | 0,78 | 0,55 | 0,75 | 6,9 | MEC80 | 28 | 50 | 32 |
| NKM-GE 32-200.1/200/A/BAQE/0,55/4 M MCE11/C | 1x220-240V ~ | 0,78 | 0,55 | 0,75 | 6,9 | MEC80 | 28 | 50 | 32 |
| NKM-GE 32-200/219/A/BAQE/1,1/4 M MCE11/C ¹ | 1x220-240V ~ | 1,46 | 1,10 | 1,50 | 11,2 | MEC90S | 28 | 50 | 32 |
| NKM-GE 40-125/142/A/BAQE/0.55/4 M MCE11/C | 1x220-240V ~ | 0,78 | 0,55 | 0,75 | 6,9 | MEC80 | 28 | 65 | 40 |
| NKM-GE 40-160/166/A/BAQE/0.75/4 M MCE11/C ¹ | 1x220-240V ~ | 1,04 | 0,75 | 1,00 | 8,6 | MEC80 | 28 | 65 | 40 |
| NKM-GE 40-200/219/A/BAQE/1,5 /4 M MCE15/C ¹ | 1x220-240V ~ | 1,98 | 1,50 | 2,00 | 14,6 | MEC90L | 28 | 65 | 40 |
| NKM-GE 40-250/224/A/BAQE/3/4 T MCE30/C | 3x460V ~ | 3,80 | 3,00 | 4,00 | 7,0 | MEC100L | 28 | 65 | 40 |
| NKM-GE 50-125/141/A/BAQE/0.75/4 M MCE11/C ¹ | 1x220-240V ~ | 1,04 | 0,75 | 1,00 | 8,6 | MEC80 | 28 | 65 | 50 |
| NKM-GE 50-160/177/A/BAQE/1,5/4 M MCE15/C ¹ | 1x220-240V ~ | 1,98 | 1,50 | 2,00 | 14,6 | MEC90L | 28 | 65 | 50 |
| NKM-GE 50-200/200/A/BAQE/ 3/4 T MCE30/C | 3x460V ~ | 3,80 | 3,00 | 4,00 | 7,0 | MEC100L | 28 | 65 | 50 |
| NKM-GE 50-250/220/A/BAQE/4/4 T MCE55/C | 3x460V ~ | 4,95 | 4,00 | 5,50 | 9,3 | MEC112M | 28 | 65 | 50 |
| NKM-GE 65-125/144A/BAQE/1.1/4 M MCE11/C ¹ | 1x220-240V ~ | 1,46 | 1,10 | 1,50 | 11,2 | MEC90S | 28 | 80 | 65 |
| NKM-GE 65-160/153/A/BAQE/1,1/4 M MCE11/C ¹ | 1x220-240V ~ | 1,46 | 1,10 | 1,50 | 11,2 | MEC90S | 28 | 80 | 65 |
| NKM-GE 65-160/177/A/BAQE/2,2/4 M MCE22/C ¹ | 1x220-240V ~ | 2,79 | 2,20 | 3,00 | 19,8 | MEC100L | 28 | 80 | 65 |
| NKM-GE 65-200/177/A/BAQE/ 3/4 T MCE30/C | 3x460V ~ | 3,80 | 3,00 | 4,00 | 7,0 | MEC100L | 28 | 80 | 65 |
| NKM-GE 65-200/190/A/BAQE/ 4/4 T MCE55/C | 3x460V ~ | 4,95 | 4,00 | 5,50 | 9,3 | MEC112M | 28 | 80 | 65 |
| NKM-GE 65-250/220/A/BAQE/5,5/4 T MCE55/C | 3x460V ~ | 6,55 | 5,50 | 7,50 | 12,5 | MEC132S | 38 | 80 | 65 |
| NKM-GE 65-315/265/A/BAQE/11/4 T MCE110/C | 3x460V ~ | 13,01 | 11,00 | 15,00 | 25,7 | MEC160M | 38 | 80 | 65 |
| NKM-GE 80-160/163/A/BAQE/2,2/4 M MCE22/C ¹ | 1x220-240V ~ | 2,79 | 2,20 | 3,00 | 19,8 | MEC100L | 28 | 100 | 80 |
| NKM-GE 80-160/153/A/BAQE/3/4 T MCE30/C | 3x460V ~ | 3,80 | 3,00 | 4,00 | 7,0 | MEC100L | 28 | 100 | 80 |
| NKM-GE 80-200/180/A/BAQE/5,5/4 T MCE55/C | 3x460V ~ | 6,55 | 5,50 | 7,50 | 12,5 | MEC132S | 38 | 100 | 80 |
| NKM-GE 80-250/230/A/BAQE/11/4 T MCE110/C | 3x460V ~ | 13,01 | 11,00 | 15,00 | 25,7 | MEC160M | 38 | 100 | 80 |
| NKM-GE 80-315/257/A/BAQE/15/4 T MCE150/C | 3x460V ~ | 17,48 | 15,00 | 20,00 | 34,7 | MEC160L | 38 | 100 | 80 |
| NKM-GE 100-200/171/A/BAQE/5,5/4 T MCE55/C | 3x460V ~ | 6,55 | 5,50 | 7,50 | 12,5 | MEC132S | 38 | 125 | 100 |
| NKM-GE 100-200/184/A/BAQE/7,5/4 T MCE110/C | 3x460V ~ | 8,90 | 7,50 | 10,00 | 17,3 | MEC132M | 38 | 125 | 100 |
| NKM-GE 100-250/211/A/BAQE/11/4 T MCE110/C | 3x460V ~ | 13,01 | 11,00 | 15,00 | 25,7 | MEC160M | 38 | 125 | 100 |
| NKM-GE 100-250/233/A/BAQE/15/4 T MCE150/C | 3x460V ~ | 17,48 | 15,00 | 20,00 | 34,7 | MEC160L | 38 | 125 | 100 |
| NKM-GE 125-250/210/A/BAQE/15/4 T MCE150/C | 3x460V ~ | 17,48 | 15,00 | 20,00 | 34,7 | MEC160L | 38 | 150 | 125 |

¹Three-phase versions available on request

NKM-GE 4 POLES - Single-phase

ENBLOC CENTRIFUGAL PUMPS WITH INVERTER

For three-phase curves, see the corresponding model without inverter

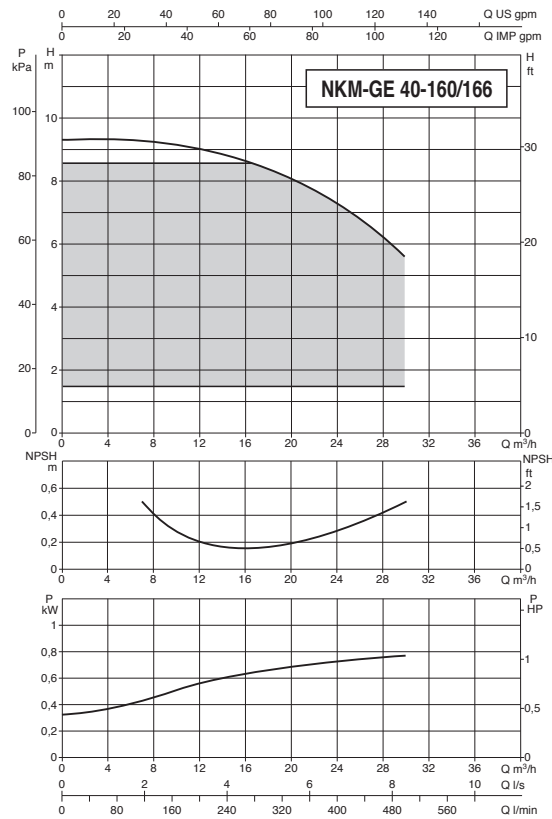
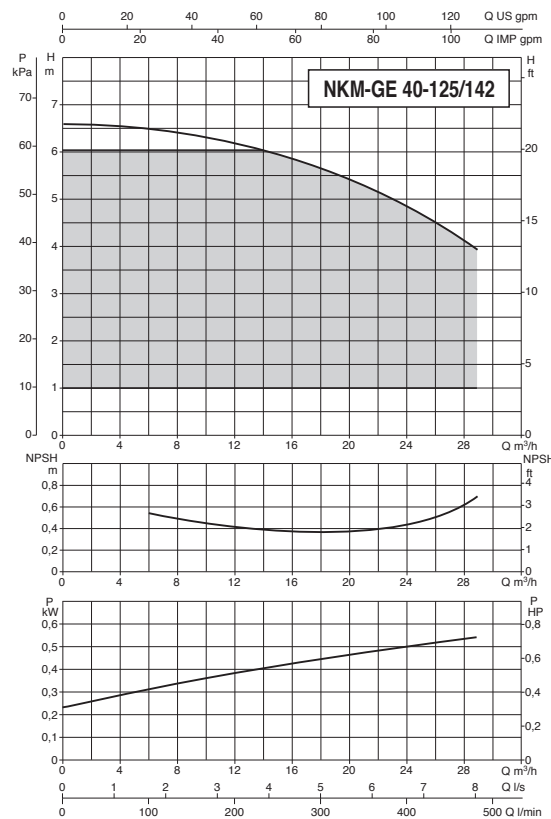
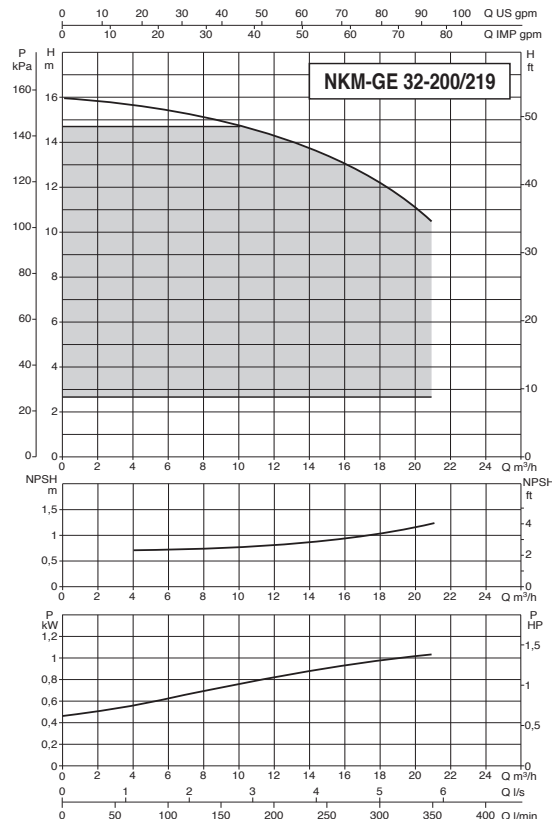
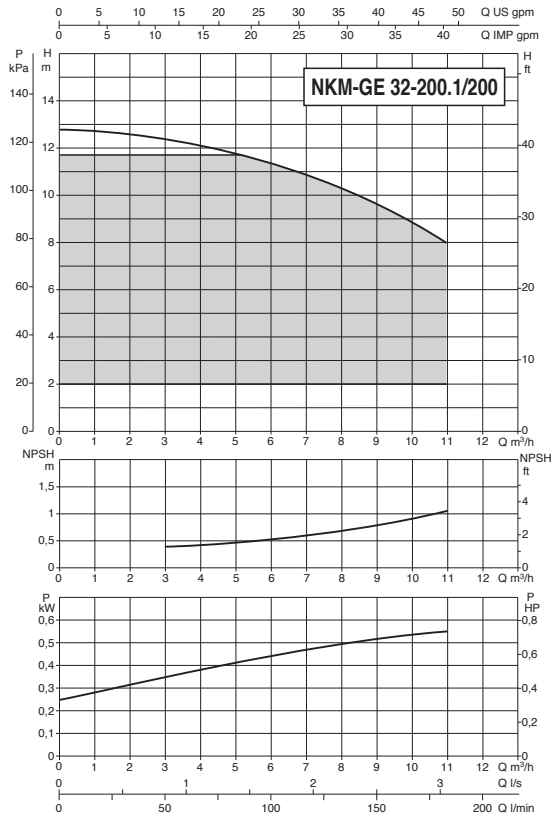


The performance Curvas are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curva tolerance according to ISO 9906.

NKM-GE 4 POLES - Single-phase

ENBLOC CENTRIFUGAL PUMPS WITH INVERTER

For three-phase curves, see the corresponding model without inverter

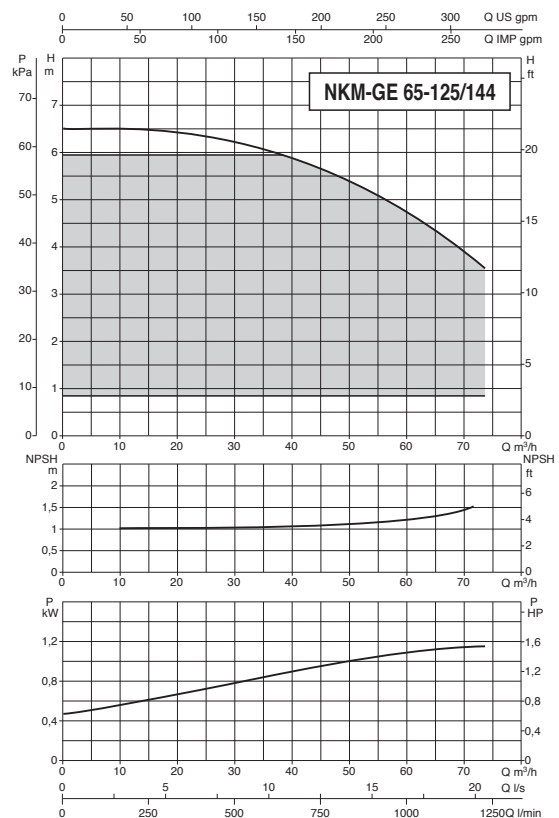
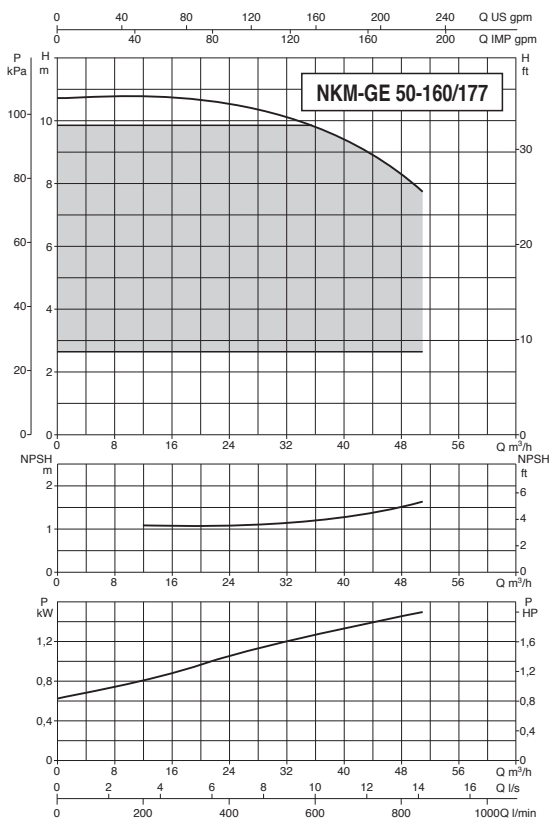
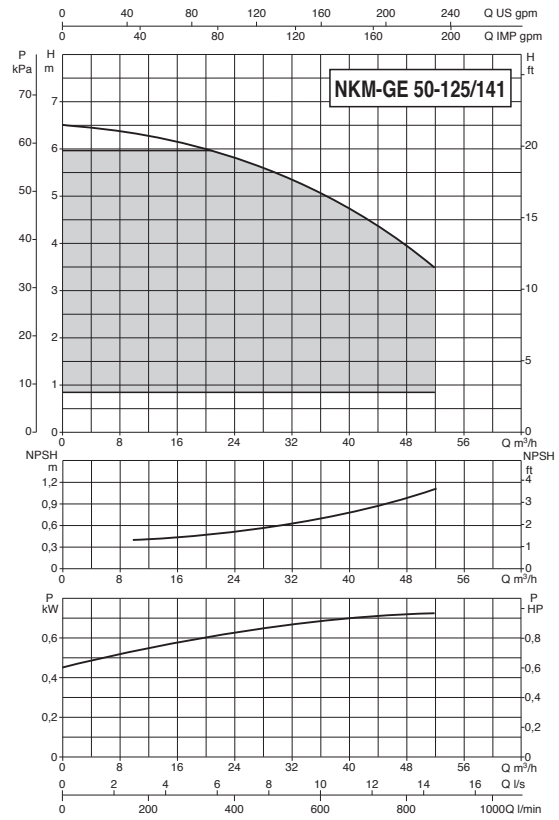
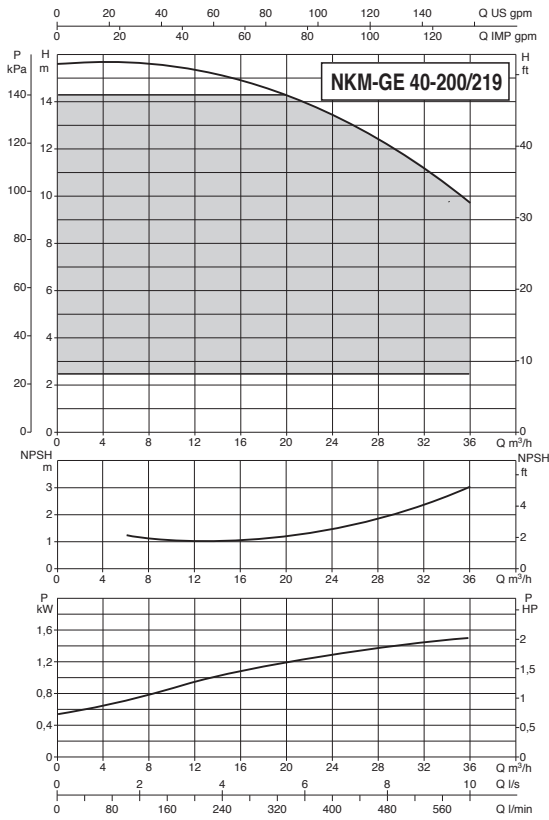


The performance Curvas are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curva tolerance according to ISO 9906.

NKM-GE 4 POLES - Single-phase

ENBLOC CENTRIFUGAL PUMPS WITH INVERTER

For three-phase curves, see the corresponding model without inverter

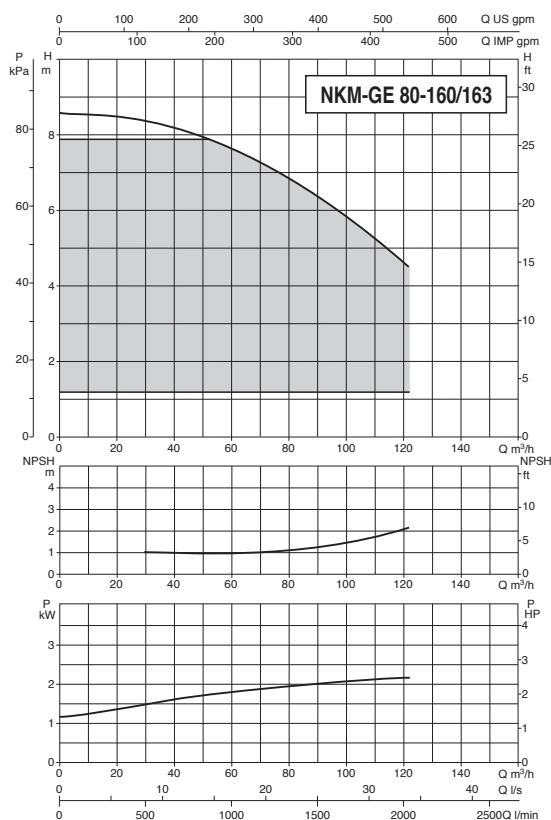
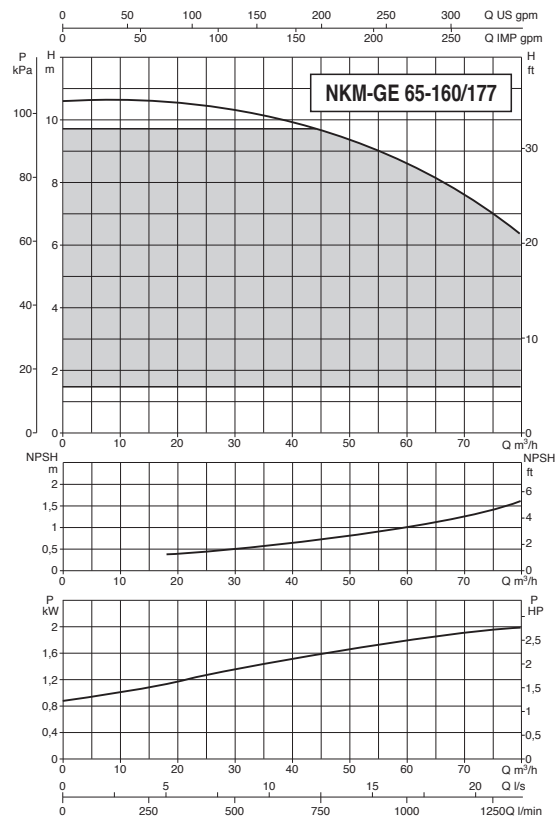
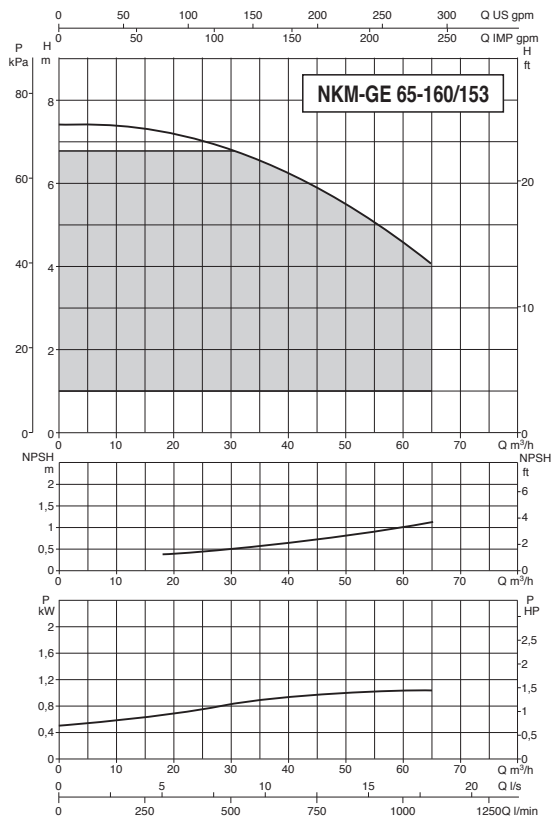


The performance Curvas are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curva tolerance according to ISO 9906.

NKM-GE 4 POLES - Single-phase

ENBLOC CENTRIFUGAL PUMPS WITH INVERTER

For three-phase curves, see the corresponding model without inverter



The performance Curvas are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curva tolerance according to ISO 9906.

NKM-GE 4 POLES

PERFORMANCE RANGE

≈ 1750 r.p.m.

| MODEL | P2 NOMINAL | | Q (m³/h) (l/min) | 0 | 6 | 12 | 18 | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | 72 | 78 | 84 | 90 | 102 | 114 | 120 | |
|---|------------|------|--|--|------|------|------|------|------|------|------|-----|-----|------|------|------|------|------|------|------|------|------|--|
| | kW | HP | | 0 | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1700 | 1900 | 2000 | |
| NKM-GE 32-125.1/140/A/BAQE/0.25/4 M MCE11/C | 0.25 | 0.33 | H (m) | 6.2 | 5.8 | 4.2 | | | | | | | | | | | | | | | | | |
| NKM-GE 32-125/142/A/BAQE/0.37/4 M MCE11/C | 0.37 | 0.5 | | 7 | 6.75 | 5.85 | 4.2 | | | | | | | | | | | | | | | | |
| NKM-GE 32-160.1/169/A/BAQE/0.37/4 M MCE11/C | 0.37 | 0.5 | | 8.9 | 8.2 | 4.6 | | | | | | | | | | | | | | | | | |
| NKM-GE 32-160/169/A/BAQE/0,55/4 M MCE11/C | 0.55 | 0.75 | | 9.4 | 9 | 7.9 | 5.6 | | | | | | | | | | | | | | | | |
| NKM-GE 32-200.1/200/A/BAQE/0,55/4 M MCE11/C | 0.55 | 0.75 | | 12.7 | 11.2 | 7.2 | | | | | | | | | | | | | | | | | |
| NKM-GE 32-200/219/A/BAQE/1,1/4 M MCE11/C | 1.1 | 1.5 | | 16 | 15.4 | 14.3 | 12.2 | | | | | | | | | | | | | | | | |
| NKM-GE 40-125/142/A/BAQE/0,55/4 M MCE11/C | 0.55 | 0.75 | | 6.6 | 6.5 | 6.2 | 5.7 | 4.8 | | | | | | | | | | | | | | | |
| NKM-GE 40-160/166/A/BAQE/0,75/4 M MCE11/C | 0.75 | 1 | | 9.2 | 9.2 | 9 | 8.4 | 7.4 | 5.7 | | | | | | | | | | | | | | |
| NKM-GE 40-200/219/A/BAQE/1,5/4 M MCE15/C | 1.5 | 2 | | 15.6 | 15.6 | 15.3 | 14.7 | 13.4 | 11.8 | 9.8 | | | | | | | | | | | | | |
| NKM-GE 40-250/224/A/BAQE/3/4 T MCE30/C | 3 | 4 | | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | |
| NKM-GE 50-125/141/A/BAQE/0,75/4 M MCE11/C | 0.75 | 1 | | 6.5 | | 6.3 | 6.1 | 5.8 | 5.5 | 5 | 4.5 | 3.9 | | | | | | | | | | | |
| NKM-GE 50-160/177/A/BAQE/1,5/4 M MCE15/C | 1.5 | 2 | | 10.7 | | 10.7 | 10.7 | 10.5 | 10.2 | 9.8 | 9.2 | 8.3 | | | | | | | | | | | |
| NKM-GE 50-200/200/A/BAQE/3/4 T MCE30/C | 3 | 4 | | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | |
| NKM-GE 50-250/220/A/BAQE/4/4 T MCE55/C | 4 | 5.5 | | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | |
| NKM-GE 65-125/144/A/BAQE/1,1/4 M MCE11/C | 1.1 | 1.5 | | 6.5 | | 6.4 | 6.4 | 6.3 | 6.2 | 6 | 5.75 | 5.5 | 5.1 | 4.65 | 4.2 | 3.75 | | | | | | | |
| NKM-GE 65-160/153/A/BAQE/1,1/4 M MCE11/C | 1.1 | 1.5 | | 7.4 | | 7.4 | 7.3 | 7.15 | 6.9 | 6.65 | 6.25 | 5.8 | 5.3 | 4.4 | | | | | | | | | |
| NKM-GE 65-160/177/A/BAQE/2,2/4 M MCE22/C | 2.2 | 3 | | 10.5 | | | | 10.4 | 10.3 | 10.2 | 9.9 | 9.6 | 9.2 | 8.75 | 8.2 | 7.4 | 6.6 | | | | | | |
| NKM-GE 65-200/177/A/BAQE/3/4 T MCE30/C | 3 | 4 | | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | |
| NKM-GE 65-200/190/A/BAQE/4/4 T MCE55/C | 4 | 5.5 | | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | |
| NKM-GE 65-250/220/A/BAQE/5,5/4 T MCE55/C | 5.5 | 7.5 | | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | |
| NKM-GE 65-315/265/A/BAQE/11/4 T MCE110/C | 11 | 15 | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | |
| NKM-GE 80-160/163/A/BAQE/2,2/4 M MCE22/C | 2.2 | 3 | 8.65 | | | | | 8.5 | 8.45 | 8.3 | 8.15 | 7.9 | 7.7 | 7.4 | 7.2 | 6.9 | 6.65 | 6.3 | 5.7 | 4.9 | 4.6 | | |
| NKM-GE 80-160/153/A/BAQE/3/4 T MCE30/C | 3 | 4 | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | |
| NKM-GE 80-200/180/A/BAQE/5,5/4 T MCE55/C | 5.5 | 7.5 | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | |
| NKM-GE 80-250/230/A/BAQE/11/4 T MCE110/C | 11 | 15 | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | |
| NKM-GE 80-315/257/A/BAQE/15/4 T MCE150/C | 15 | 20 | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | |
| NKM-GE 100-200/171/A/BAQE/5,5/4 T MCE55/C | 5.5 | 7.5 | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | |
| NKM-GE 100-200/184/A/BAQE/7,5/4 T MCE110/C | 7.5 | 10 | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | |
| NKM-GE 100-250/211/A/BAQE/11/4 T MCE110/C | 11 | 15 | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | |
| NKM-GE 100-250/233/A/BAQE/15/4 T MCE150/C | 15 | 20 | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | |
| NKM-GE 125-250/210/A/BAQE/15/4 T MCE150/C | 15 | 20 | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | |

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

CENTRIFUGAL PUMPS

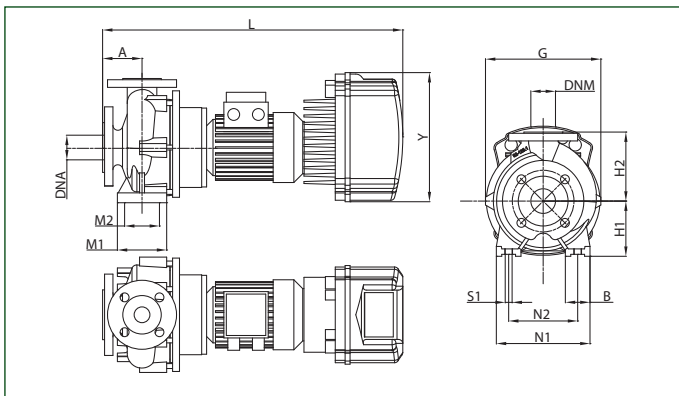
SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

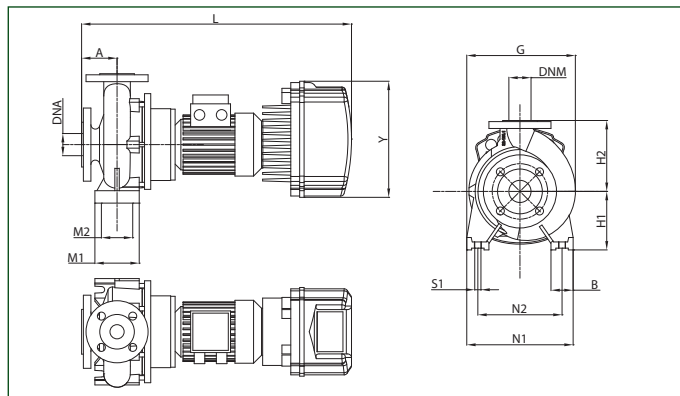
PRESSURE UNITS

DIMENSIONS AND WEIGHTS

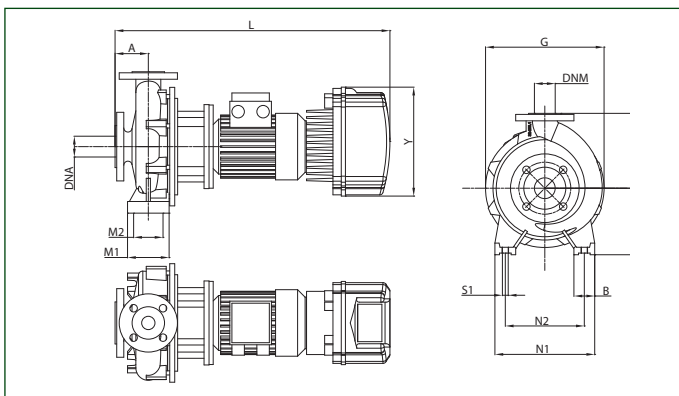
NKM-GE 32-125.1/140 - NKM-GE 32-125/142



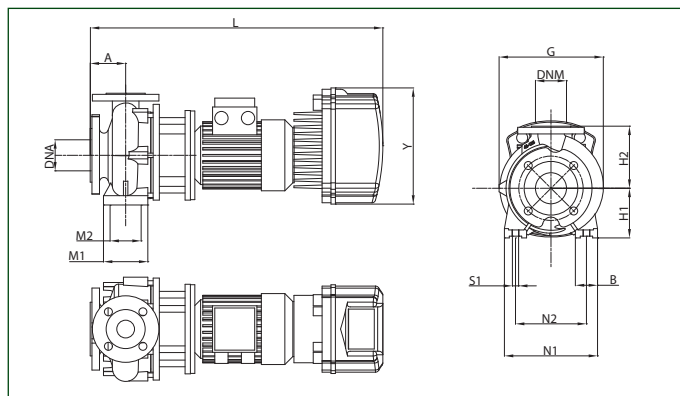
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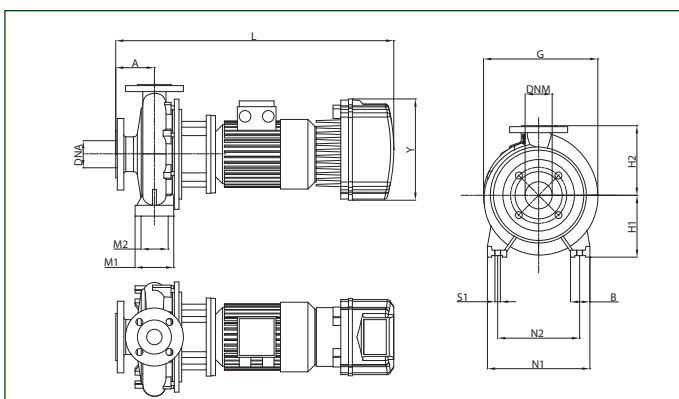
NKM-GE 32-200.1/200 - NKM-GE 32-200/219



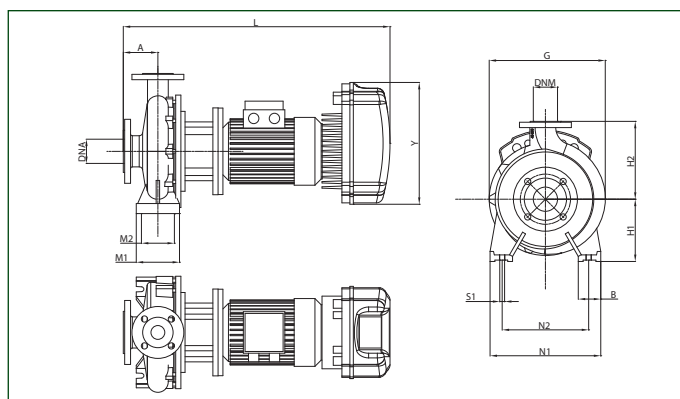
NKM-GE 40-125/142 - NKM-GE 40-160/166



NKM-GE 40-200/219



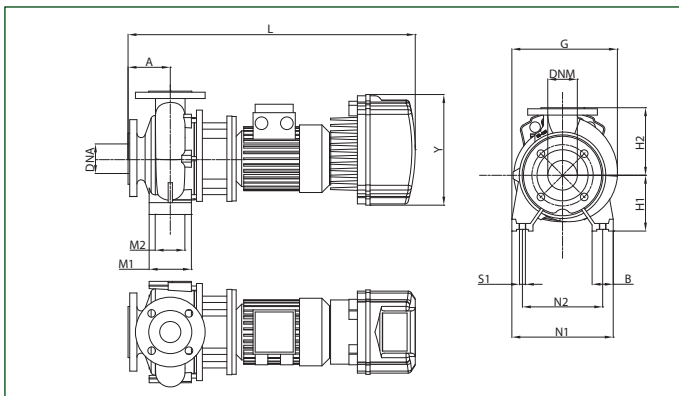
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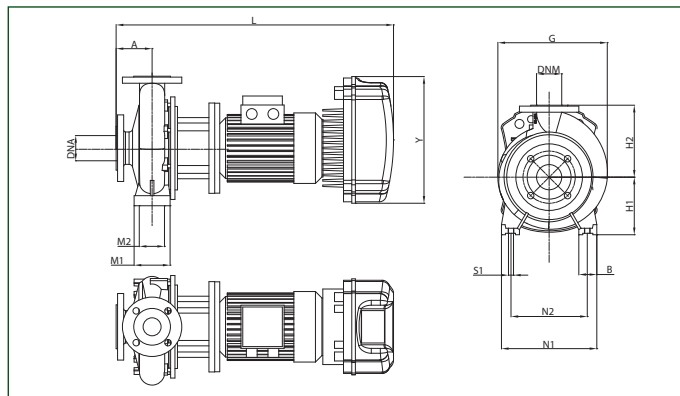
NKM-GE 4 POLES

ENBLOC CENTRIFUGAL PUMPS WITH INVERTER

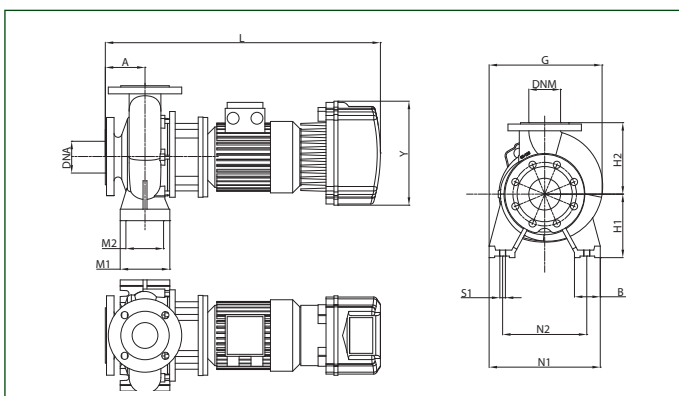
NKM-GE 50-125/141 - NKM-GE 50-160/177



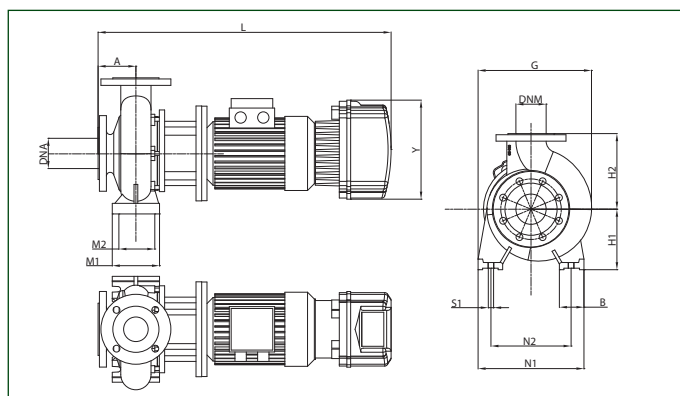
NKM-GE 50-200/200 - NKM-GE 50-250/200



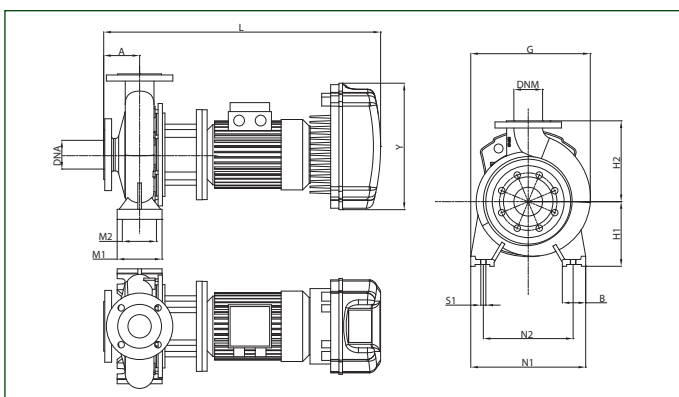
NKM-GE 65-125/144 - NKM-GE 65-160/153



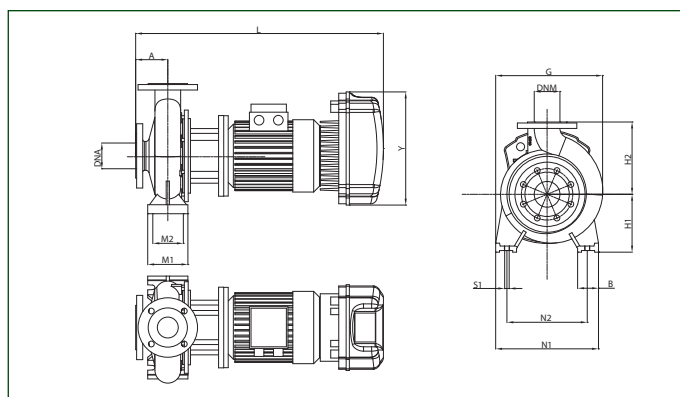
NKM-GE 65-160/177



NKM-GE 65-200/177



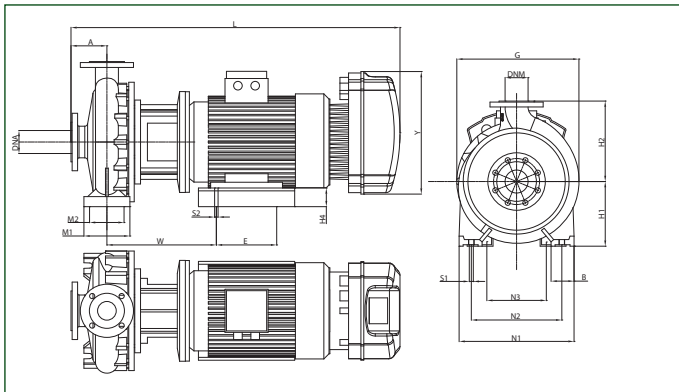
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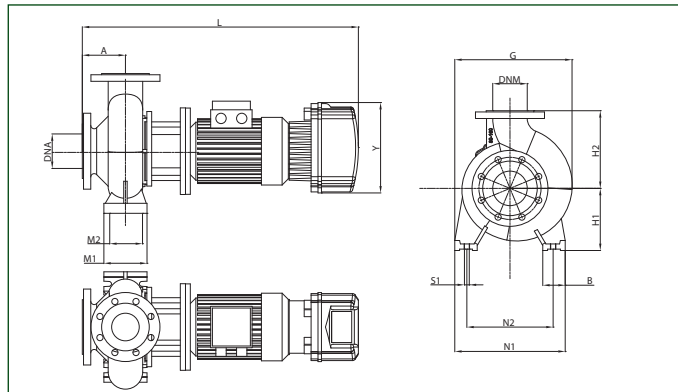
NKM-GE 4 POLES

ENBLOC CENTRIFUGAL PUMPS WITH INVERTER

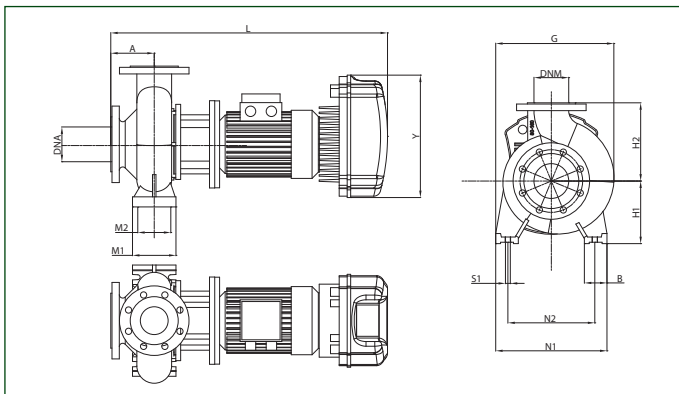
NKM-GE 65-315/265



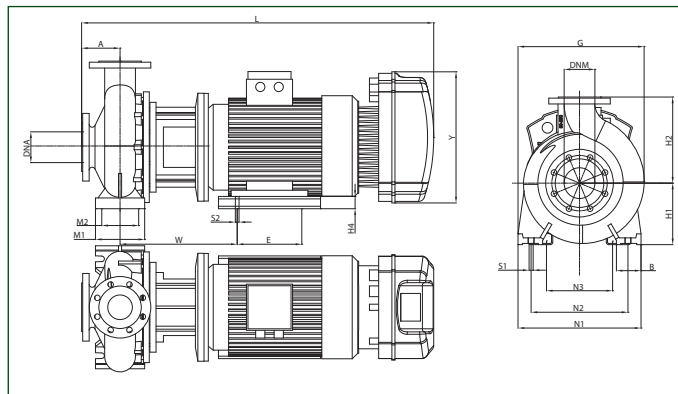
NKM-GE 80-160/163



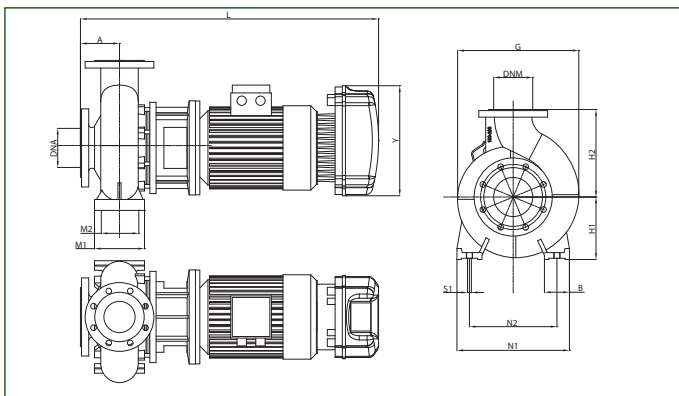
NKM-GE 80-160/153 - NKM-GE 80-200/180



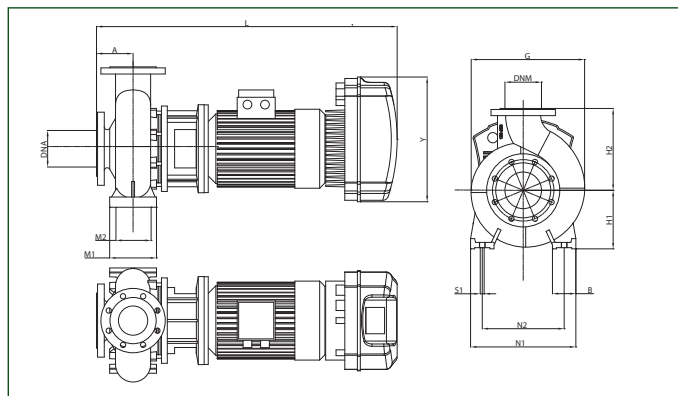
NKM-GE 80-250/230 - NKM-GE 80-315/257



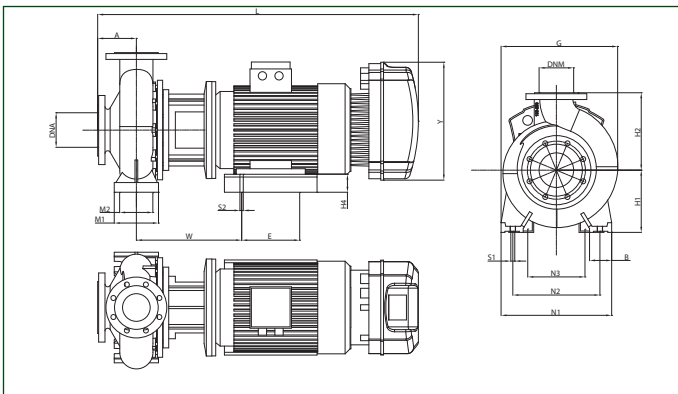
NKM-GE 100-200/171



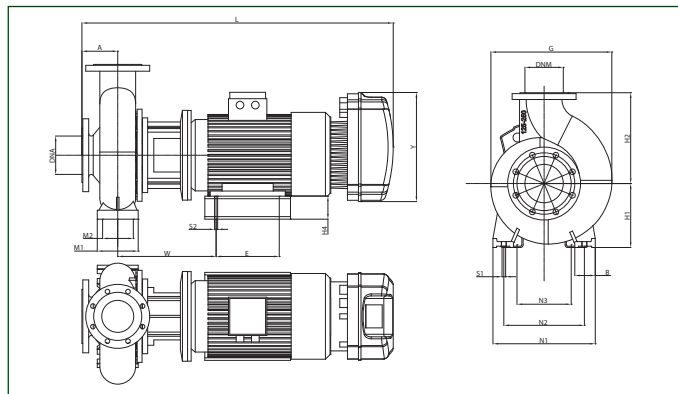
NKM-GE 100-200/184



NKM-GE 100-250/211 - NKM-GE 100-250/233



NKM-GE 125-250/210



NKM-GE 4 POLES

ENBLOC CENTRIFUGAL PUMPS WITH INVERTER

| MODEL | A | B | G | H1 | H2 | L | M1 | M2 | N1 | N2 | S1 | X | Y | PACKAGING DIMENSIONS | | | WEIGHT KG |
|---|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------------------|-----|-----|--------------|
| | | | | | | | | | | | | | | L/A | L/B | H | |
| NKM-GE 32-125.1/140/A/BAQE/0.25/4 M MCE11/C | 80 | 50 | 234 | 112 | 140 | 609 | 100 | 70 | 190 | 140 | M10 | 100 | 262 | 850 | 500 | 660 | 36 |
| NKM-GE 32-125/142/A/BAQE/0.37/4 M MCE11/C | 80 | 50 | 234 | 112 | 140 | 609 | 100 | 70 | 190 | 140 | M10 | 100 | 262 | 850 | 500 | 660 | 39 |
| NKM-GE 32-160.1/169/A/BAQE/0.37/4 M MCE11/C | 80 | 50 | 245 | 132 | 160 | 609 | 100 | 70 | 240 | 190 | M10 | 100 | 262 | 850 | 500 | 660 | 38 |
| NKM-GE 32-160/169/A/BAQE/0.55/4 M MCE11/C | 80 | 50 | 245 | 132 | 160 | 660 | 100 | 70 | 240 | 190 | M10 | 100 | 262 | 850 | 500 | 660 | 46 |
| NKM-GE 32-200.1/200/A/BAQE/0.55/4 M MCE11/C | 80 | 50 | 279 | 160 | 180 | 660 | 100 | 70 | 240 | 190 | M10 | 100 | 262 | 850 | 500 | 660 | 55 |
| NKM-GE 32-200/219/A/BAQE/1,1/4 M MCE11/C | 80 | 50 | 279 | 160 | 180 | 673 | 100 | 70 | 240 | 190 | M10 | 100 | 262 | 850 | 500 | 660 | 66 |
| NKM-GE 40-125/142/A/BAQE/0.55/4 M MCE11/C | 80 | 50 | 235 | 112 | 140 | 635 | 100 | 70 | 210 | 160 | M10 | 100 | 262 | 850 | 500 | 660 | 51 |
| NKM-GE 40-160/166/A/BAQE/0.75/4 M MCE11/C | 80 | 50 | 253 | 132 | 160 | 660 | 100 | 70 | 240 | 190 | M10 | 100 | 262 | 850 | 500 | 660 | 54 |
| NKM-GE 40-200/219/A/BAQE/1,5/4 M MCE15/C | 100 | 50 | 296 | 160 | 180 | 718 | 100 | 70 | 265 | 212 | M10 | 100 | 262 | 850 | 500 | 660 | 70 |
| NKM-GE 40-250/224/A/BAQE/3/4 T MCE30/C | 100 | 65 | 336 | 180 | 225 | 775 | 125 | 95 | 320 | 250 | M10 | 100 | 353 | 850 | 500 | 660 | 98 |
| NKM-GE 50-125/141/A/BAQE/0.75/4 M MCE11/C | 100 | 50 | 250 | 132 | 160 | 680 | 100 | 70 | 240 | 190 | M10 | 100 | 262 | 850 | 500 | 660 | 55 |
| NKM-GE 50-160/177/A/BAQE/1,5/4 M MCE15/C | 100 | 50 | 282 | 160 | 180 | 746 | 100 | 70 | 265 | 212 | M10 | 100 | 262 | 850 | 500 | 660 | 64 |
| NKM-GE 50-200/200/A/BAQE/3/4 T MCE30/C | 100 | 50 | 302 | 160 | 200 | 775 | 100 | 70 | 265 | 212 | M10 | 100 | 353 | 850 | 500 | 660 | 90 |
| NKM-GE 50-250/220/A/BAQE/4/4 T MCE55/C | 100 | 65 | 343 | 180 | 225 | 775 | 125 | 95 | 320 | 250 | M10 | 100 | 353 | 850 | 500 | 660 | 105 |
| NKM-GE 65-125/144/A/BAQE/1.1/4 M MCE11/C | 100 | 65 | 286 | 160 | 180 | 693 | 125 | 95 | 280 | 212 | M10 | 100 | 262 | 850 | 500 | 660 | 65 |
| NKM-GE 65-160/153/A/BAQE/1,1/4 M MCE11/C | 100 | 65 | 302 | 160 | 200 | 693 | 125 | 95 | 280 | 212 | M10 | 100 | 262 | 850 | 500 | 660 | 67 |
| NKM-GE 65-160/177/A/BAQE/2,2/4 M MCE22/C | 100 | 65 | 302 | 160 | 200 | 779 | 125 | 95 | 280 | 212 | M10 | 100 | 262 | 850 | 500 | 660 | 80 |
| NKM-GE 65-200/177/A/BAQE/3/4 T MCE30/C | 100 | 65 | 333 | 180 | 225 | 779 | 125 | 95 | 320 | 250 | M10 | 140 | 353 | 850 | 500 | 660 | 97 |
| NKM-GE 65-200/190/A/BAQE/4/4 T MCE55/C | 100 | 65 | 333 | 180 | 225 | 802 | 125 | 95 | 320 | 250 | M10 | 140 | 353 | 850 | 500 | 660 | 105 |
| NKM-GE 65-250/220/A/BAQE/5,5/4 T MCE55/C | 100 | 80 | 370 | 200 | 250 | 913 | 160 | 120 | 360 | 280 | M14 | 140 | 353 | 1100 | 550 | 620 | 168 |

| MODEL | A | B | E | G | H1 | H2 | H4 | L | M1 | M2 | N1 | N2 | N2 | S1 | S2 | W | X | Y | PACKAGING DIMENSIONS | | | WEIGHT KG |
|--|-----|----|-----|-----|-----|-----|----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------------------|-----|-----|--------------|
| | | | | | | | | | | | | | | | | | | | L/A | L/B | H | |
| NKM-GE 65-315/265/A/BAQE/11/4 T MCE110/C | 125 | 80 | 210 | 429 | 225 | 280 | 65 | 1108 | 160 | 120 | 400 | 315 | 254 | M14 | M12 | 402 | 140 | 426 | 1250 | 560 | 575 | 263 |
| NKM-GE 80-160/163/A/BAQE/2,2/4 M MCE22/C | 125 | 65 | | 342 | 180 | 225 | | 804 | 125 | 95 | 320 | 250 | | M10 | | | 140 | 262 | 850 | 500 | 660 | 87 |
| NKM-GE 80-160/153/A/BAQE/3/4 T MCE30/C | 125 | 65 | | 342 | 180 | 225 | | 804 | 125 | 95 | 320 | 250 | | M10 | | | 140 | 353 | 850 | 500 | 660 | 96 |
| NKM-GE 80-200/180/A/BAQE/5,5/4 T MCE55/C | 125 | 65 | | 365 | 180 | 250 | | 938 | 125 | 95 | 345 | 280 | | M10 | | | 140 | 353 | 1100 | 550 | 620 | 156 |
| NKM-GE 80-250/230/A/BAQE/11/4 T MCE110/C | 125 | 80 | 210 | 410 | 200 | 280 | 40 | 1108 | 160 | 120 | 400 | 315 | 254 | M14 | M12 | 381 | 140 | 426 | 1250 | 560 | 575 | 237 |
| NKM-GE 80-315/257/A/BAQE/15/4 T MCE150/C | 125 | 80 | 254 | 460 | 250 | 315 | 90 | 1188 | 160 | 120 | 400 | 315 | 254 | M14 | M12 | 402 | 140 | 426 | 1250 | 560 | 575 | 294 |
| NKM-GE 100-200/171/A/BAQE/5,5/4 T MCE55/C | 125 | 80 | | 392 | 200 | 280 | | 938 | 160 | 120 | 360 | 280 | | M14 | | | 140 | 353 | 1100 | 550 | 620 | 169 |
| NKM-GE 100-200/184/A/BAQE/7,5/4 T MCE110/C | 125 | 80 | | 392 | 200 | 280 | | 1026 | 160 | 120 | 360 | 280 | | M14 | | | 140 | 426 | 1100 | 550 | 620 | 181 |
| NKM-GE 100-250/211/A/BAQE/11/4 T MCE110/C | 140 | 80 | 210 | 424 | 225 | 280 | 65 | 1123 | 160 | 120 | 400 | 315 | 254 | M14 | M12 | 381 | 140 | 426 | 1250 | 560 | 575 | 245 |
| NKM-GE 100-250/233/A/BAQE/15/4 T MCE150/C | 140 | 80 | 254 | 424 | 225 | 280 | 65 | 1203 | 160 | 120 | 400 | 315 | 254 | M14 | M12 | 381 | 140 | 426 | 1250 | 560 | 575 | 268 |
| NKM-GE 125-250/210/A/BAQE/15/4 T MCE150/C | 140 | 80 | 254 | 472 | 250 | 355 | 90 | 1203 | 160 | 120 | 400 | 315 | 254 | M14 | M12 | 381 | 140 | 426 | 1500 | 660 | 725 | 305 |

COUNTERFLANGE KIT

The kit comprises suction and delivery counterflanges with the relative seals, screws and nuts required by the size of the pump to which it refers.



| MODEL | COUNTERFLANGES AND SEALS | THREADED | MATERIAL | PN | WEIGHT Kg |
|--------|--------------------------|--------------|-----------------|----|-----------|
| DIN 32 | 1 x DN 32 + 1 x DN 50 | THREADED | STAINLESS STEEL | 16 | 5,9 |
| DIN 40 | 1 x DN 40 + 1 x DN 65 | THREADED | STAINLESS STEEL | 16 | 6,6 |
| DIN 50 | 1 x DN 50 + 1 x DN 65 | THREADED | STAINLESS STEEL | 16 | 7,6 |
| DIN 65 | 1 x DN 65 + 1 x DN 80 | THREADED | STAINLESS STEEL | 16 | 8,6 |
| DIN 32 | 1 x DN 32 + 1 x DN 50 | TO BE WELDED | STAINLESS STEEL | 16 | 5,1 |
| DIN 40 | 1 x DN 40 + 1 x DN 65 | TO BE WELDED | STAINLESS STEEL | 16 | 6 |

| MODEL | COUNTERFLANGES AND SEALS | THREADED | Material | PN | WEIGHT Kg |
|---------|--------------------------|--------------|-----------------|------------------|-----------|
| DIN 50 | 1 x DN 50 + 1 x DN 65 | TO BE WELDED | STAINLESS STEEL | 16 | 6,6 |
| DIN 65 | 1 x DN 65 + 1 x DN 80 | TO BE WELDED | STAINLESS STEEL | 16 | 8,1 |
| DIN 80 | 1 x DN 80 + 1 x DN 100 | TO BE WELDED | STAINLESS STEEL | 16 | 10,4 |
| DIN 100 | 1 x DN 100 + 1 x DN 125 | TO BE WELDED | STAINLESS STEEL | 16 | 13,13 |
| DIN 125 | 1 x DN 125 + 1 x DN 150 | TO BE WELDED | STAINLESS STEEL | 16 | 16,4 |
| DIN 150 | 1 x DN 150 + 1 x DN 200 | TO BE WELDED | STAINLESS STEEL | 16 (10 x DN 200) | 21,5 |

NKP-GE 2 POLES

ENBLOC CENTRIFUGAL PUMPS WITH INVERTER

TECHNICAL DATA - NKP-GE 2 POLES

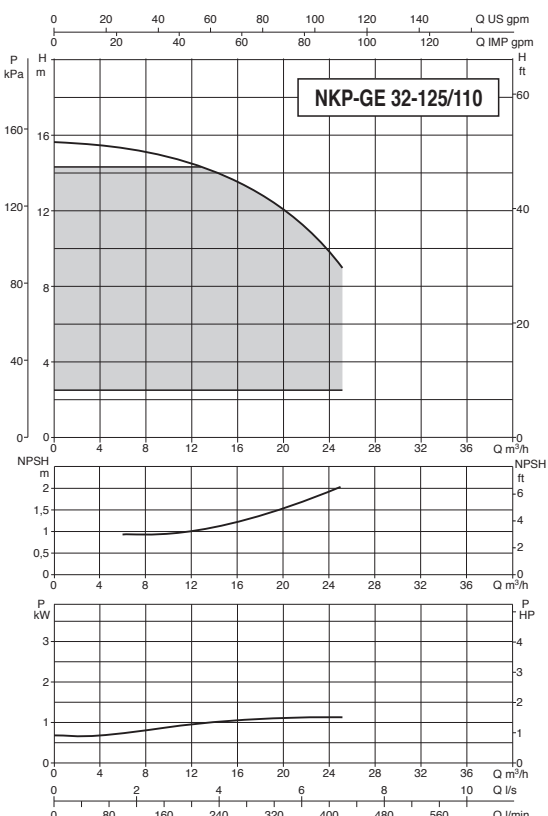
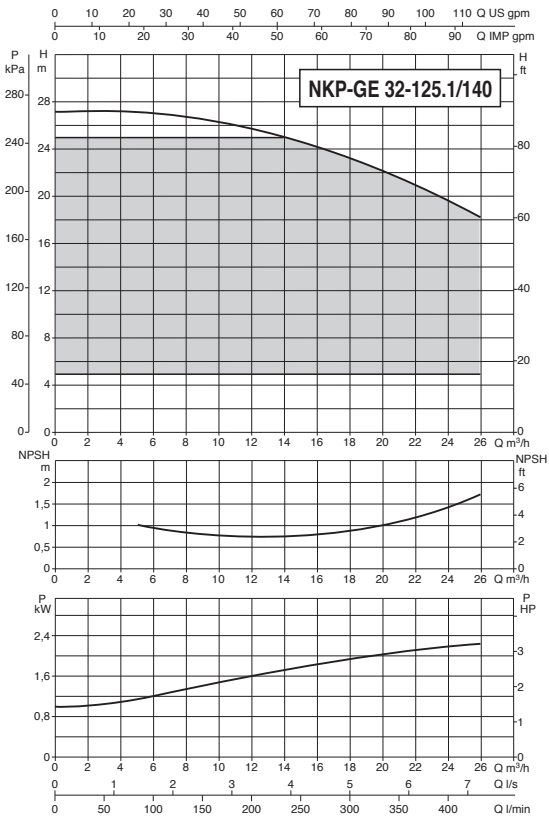
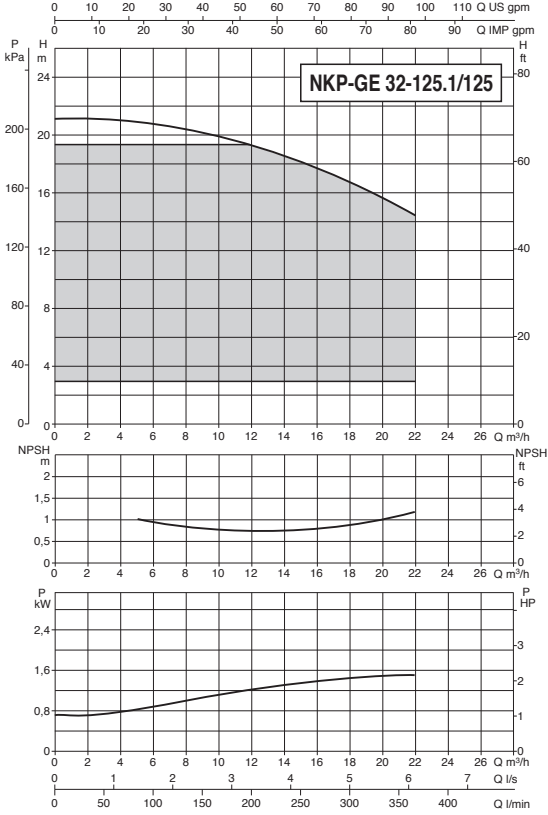
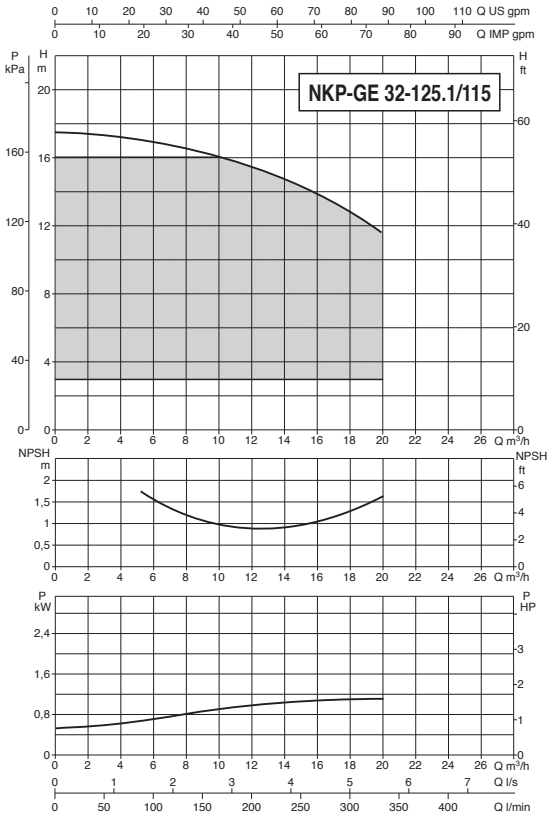
| MODEL | ELECTRICAL DATA | | | | | ENGINE SIZE | Ø mm MECHANICAL SEALING | DNA | DNM |
|---|-----------------|-------------------------|------------|------|------|-------------|-------------------------|-----|-----|
| | VOLTAGE 60 Hz | P1 PUMPS +INVERTER [KW] | P2 NOMINAL | | In A | | | | |
| | | | KW | HP | | | | | |
| NKP-GE 32-125.1/115/A/BAQE/1.1/2 M MCE11/C ¹ | 1x220-240 V ~ | 1,41 | 1,10 | 1,5 | 10,9 | MEC80 | 28 | 50 | 32 |
| NKP-GE 32-125.1/125/A/BAQE/1.5/2 M MCE15/C ¹ | 1x220-240 V ~ | 2,00 | 1,50 | 2,0 | 14,7 | MEC90S | 28 | 50 | 32 |
| NKP-GE 32-125.1/140/A/BAQE/2.2/2 M MCE22/C ¹ | 1x220-240 V ~ | 2,81 | 2,20 | 3,0 | 19,9 | MEC90L | 28 | 50 | 32 |
| NKP-GE 32-125/110/A/BAQE/1.1/2 M MCE11/C ¹ | 1x220-240 V ~ | 1,41 | 1,10 | 1,5 | 13,7 | MEC80 | 28 | 50 | 32 |
| NKP-GE 32-125/120/A/BAQE/1.5/2 M MCE15/C ¹ | 1x220-240 V ~ | 2,00 | 1,50 | 2,0 | 17,9 | MEC90S | 28 | 50 | 32 |
| NKP-GE 32-125/130/A/BAQE/2.2/2 M MCE22/C ¹ | 1x220-240 V ~ | 2,81 | 2,20 | 3,0 | 24,3 | MEC90L | 28 | 50 | 32 |
| NKP-GE 32-125/142/A/ BAQE/3/2 T MCE30/C | 3x460 V ~ | 4,05 | 4,05 | 4,05 | 4,05 | MEC100L | 28 | 50 | 32 |
| NKP-GE 32-160.1/143/A/BAQE/3/2 T MCE30/C | 3x460 V ~ | 4,05 | 4,05 | 4,05 | 4,05 | MEC100L | 28 | 50 | 32 |
| NKP-GE 32-160/128/A/BAQE/3/2 T MCE30/C | 3x460 V ~ | 4,05 | 3,00 | 4,0 | 7,5 | MEC100L | 28 | 50 | 32 |
| NKP-GE 32-160/146/A/ BAQE/5,5/2 T MCE55/C | 3x460 V ~ | 6,66 | 5,50 | 7,5 | 12,8 | MEC132S | 28 | 50 | 32 |
| NKP-GE 32-200.1/174/A/BAQE/5,5/2 T MCE55/C | 3x460 V ~ | 6,66 | 5,50 | 7,5 | 12,8 | MEC132S | 28 | 50 | 32 |
| NKP-GE 32-200/163/A/BAQE/5,5/2 T MCE55/C | 3x460 V ~ | 6,66 | 5,50 | 7,5 | 12,8 | MEC132S | 28 | 50 | 32 |
| NKP-GE 32-200/176/A/BAQE/7,5/2 T MCE110/C | 3x460 V ~ | 8,81 | 7,50 | 10,0 | 17,1 | MEC132S | 28 | 50 | 32 |
| NKP-GE 40-125/107/A/BAQE/1.5/2 M MCE15/C ¹ | 1x220-240 V ~ | 2,00 | 1,50 | 2,0 | 14,7 | MEC90S | 28 | 65 | 40 |
| NKP-GE 40-125/120/A/BAQE/2.2/2 M MCE22/C ¹ | 1x220-240 V ~ | 2,81 | 2,20 | 3,0 | 19,9 | MEC90L | 28 | 65 | 40 |
| NKP-GE 40-125/110/A/BAQE/3/2 T MCE30/C | 3x460 V ~ | 4,05 | 3,00 | 4,0 | 7,5 | MEC100L | 28 | 65 | 40 |
| NKP-GE 40-125/120/A/BAQE/4/2 T MCE55/C | 3x460 V ~ | 4,94 | 4,00 | 5,5 | 9,3 | MEC112M | 28 | 65 | 40 |
| NKP-GE 40-160/135/A/BAQE/5,5/2 T MCE55/C | 3x460 V ~ | 6,66 | 5,50 | 7,5 | 12,8 | MEC132S | 28 | 65 | 40 |
| NKP-GE 40-160/145/A/BAQE/7,5/2 T MCE110/C | 3x460 V ~ | 8,81 | 7,50 | 10,0 | 17,1 | MEC132S | 28 | 65 | 40 |
| NKP-GE 40-200/177/A/BAQE/11/2 T MCE110/C | 3x460 V ~ | 12,83 | 11,00 | 15,0 | 25,3 | MEC160M | 28 | 65 | 40 |
| NKP-GE 40-250/192/A/BAQE/15/2 T MCE150/C | 3x460 V ~ | 17,35 | 15,00 | 20,0 | 34,5 | MEC160M | 28 | 65 | 40 |
| NKP-GE 50-125/115/A/BAQE/5,5/2 T MCE55/C | 3x460 V ~ | 6,66 | 5,50 | 7,5 | 12,8 | MEC132S | 28 | 65 | 50 |
| NKP-GE 50-125/127/A/BAQE/7,5/2 T MCE110/C | 3x460 V ~ | 8,81 | 7,50 | 10,0 | 17,1 | MEC132S | 28 | 65 | 50 |
| NKP-GE 50-160/145/A/BAQE/11/2 T MCE110/C | 3x460 V ~ | 12,83 | 11,00 | 15,0 | 25,3 | MEC160M | 28 | 65 | 50 |
| NKP-GE 50-200/170/A/BAQE/15/2 T MCE150/C | 3x460 V ~ | 17,35 | 15,00 | 20,0 | 34,5 | MEC160M | 28 | 65 | 50 |
| NKP-GE 65-125/120-114/A/BAQE/7,5/2 T MCE110/C | 3x460 V ~ | 8,81 | 7,50 | 10,0 | 17,1 | MEC132S | 28 | 80 | 65 |
| NKP-GE 65-160/137/A/BAQE/11/2 T MCE110/C | 3x460 V ~ | 12,83 | 11,00 | 15,0 | 25,3 | MEC160M | 28 | 80 | 65 |
| NKP-GE 65-160/149/A/BAQE/15/2 T MCE150/C | 3x460 V ~ | 17,35 | 15,00 | 20,0 | 34,5 | MEC160M | 28 | 80 | 65 |

¹Three-phase versions available on request

NKP-GE 2 POLES - Single-phase

ENBLOC CENTRIFUGAL PUMPS WITH INVERTER

For three-phase curves, see the corresponding model without inverter

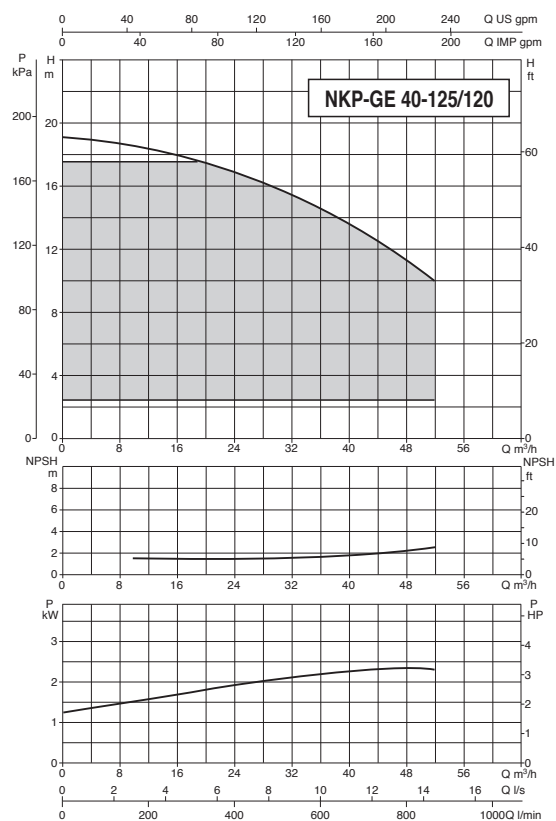
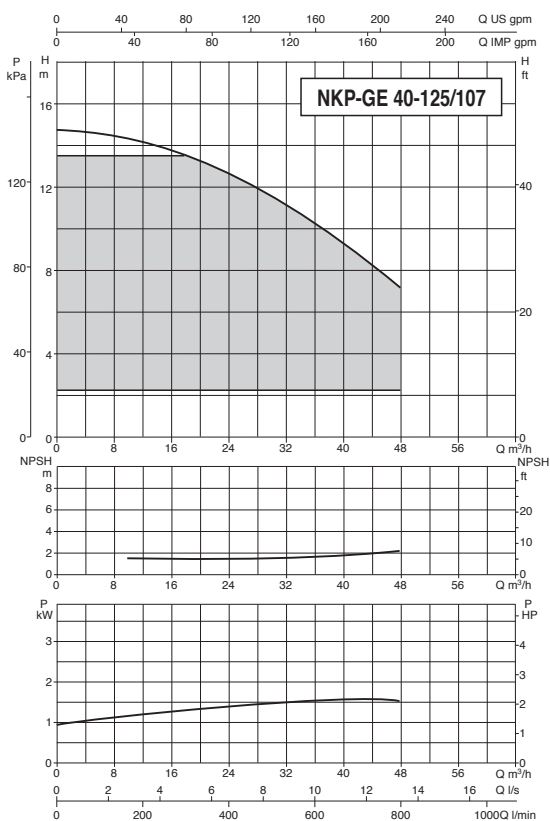
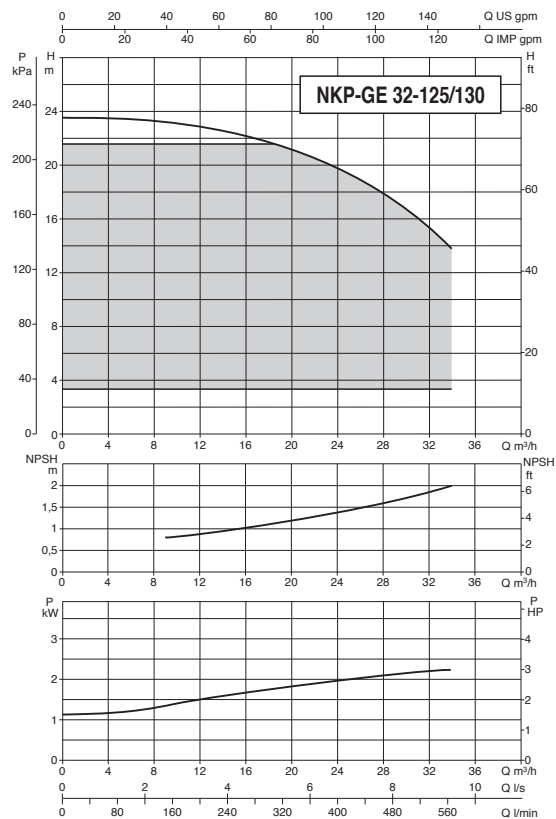
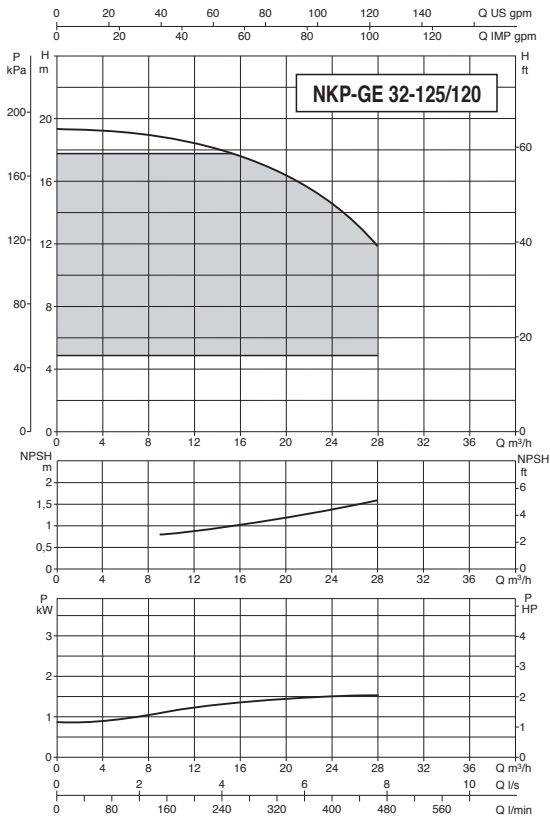


The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

NKP-GE 2 POLES - Single-phase

ENBLOC CENTRIFUGAL PUMPS WITH INVERTER

For three-phase curves, see the corresponding model without inverter



The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

NKP-GE 2 POLES

PERFORMANCE RANGE

≈ 3500 r.p.m.

| MODEL | P2 NOMINAL | | Q (m³/h) (l/min) | 0 | 6 | 12 | 18 | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | 72 | 78 | 84 | 90 | 102 | 114 | 120 | 150 | 180 | | |
|---|------------|-----|--|--|------|------|------|------|------|------|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|--|--|
| | kW | HP | | 0 | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1700 | 1900 | 2000 | 2500 | 3000 | | |
| NKP-GE 32-125.1/115/A/BAQE/1.1/2 M MCE11/C | 1.1 | 1.5 | H (m) | 17.2 | 17 | 15 | 12.5 | | | | | | | | | | | | | | | | | | | |
| NKP-GE 32-125.1/125/A/BAQE/1.5/2 M MCE15/C | 1.5 | 2 | | 21 | 20.8 | 19 | 16.8 | | | | | | | | | | | | | | | | | | | |
| NKP-GE 32-125.1/140/A/BAQE/2.2/2 M MCE22/C | 2.2 | 3 | | 27 | 26.9 | 25.9 | 23 | 19.5 | | | | | | | | | | | | | | | | | | |
| NKP-GE 32-125/110/A/BAQE/1.1/2 M MCE11/C | 1.1 | 1.5 | | 15.8 | 15.2 | 14.5 | 12.9 | 9.9 | | | | | | | | | | | | | | | | | | |
| NKP-GE 32-125/120/A/BAQE/1.5/2 M MCE15/C | 1.5 | 2 | | 19.3 | 18.9 | 18.2 | 16.8 | 14.5 | | | | | | | | | | | | | | | | | | |
| NKP-GE 32-125/130/A/BAQE/2.2/2 M MCE22/C | 2.2 | 3 | | 23.6 | 23.1 | 23 | 21.6 | 19.6 | 16.8 | | | | | | | | | | | | | | | | | |
| NKP-GE 32-125/142/A/ BAQE/3/2 T MCE30/C | 3 | 4 | | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | | | |
| NKP-GE 32-160.1/143/A/BAQE/3/2 T MCE30/C | 3 | 4 | | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | | | |
| NKP-GE 32-160/128/A/BAQE/3/2 T MCE30/C | 3 | 4 | | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | | | |
| NKP-GE 32-160/146/A/ BAQE/5,5/2 T MCE55/C | 5.5 | 7.5 | | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | | | |
| NKP-GE 32-200.1/174/A/BAQE/5,5/2 T MCE55/C | 5.5 | 7.5 | | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | | | |
| NKP-GE 32-200/163/A/BAQE/5,5/2 T MCE55/C | 5.5 | 7.5 | | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | | | |
| NKP-GE 32-200/176/A/BAQE/7,5/2 T MCE110/C | 7.5 | 10 | | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | | | |
| NKP-GE 40-125/107/A/BAQE/1.5/2 M MCE15/C | 1.5 | 2 | | 14.7 | 14.5 | 14.3 | 13.8 | 13 | 11.8 | 10.5 | 8.6 | 7 | | | | | | | | | | | | | | |
| NKP-GE 40-125/120/A/BAQE/2.2/2 M MCE22/C | 2.2 | 3 | | 19 | 18.7 | 18.4 | 17.8 | 17 | 15.9 | 14.6 | 13 | 11 | | | | | | | | | | | | | | |
| NKP-GE 40-125/110/A/BAQE/3/2 T MCE30/C | 3 | 4 | | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | | | |
| NKP-GE 40-125/120/A/BAQE/4/2 T MCE55/C | 4 | 5.5 | | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | | | |
| NKP-GE 40-160/135/A/BAQE/5,5/2 T MCE55/C | 5.5 | 7.5 | | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | | | |
| NKP-GE 40-160/145/A/BAQE/7,5/2 T MCE110/C | 7.5 | 10 | | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | | | |
| NKP-GE 40-200/177/A/BAQE/11/2 T MCE110/C | 11 | 15 | | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | | | |
| NKP-GE 40-250/192/A/BAQE/15/2 T MCE150/C | 15 | 20 | | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | | | |
| NKP-GE 50-125/115/A/BAQE/5,5/2 T MCE55/C | 5.5 | 7.5 | | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | | | |
| NKP-GE 50-125/127/A/BAQE/7,5/2 T MCE110/C | 7.5 | 10 | | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | | | |
| NKP-GE 50-160/145/A/BAQE/11/2 T MCE110/C | 11 | 15 | | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | | | |
| NKP-GE 50-200/170/A/BAQE/15/2 T MCE150/C | 15 | 20 | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | | | | |
| NKP-GE 65-125/120-114/A/BAQE/7,5/2 T MCE110/C | 7.5 | 10 | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | | | | |
| NKP-GE 65-160/137/A/BAQE/11/2 T MCE110/C | 11 | 15 | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | | | | |
| NKP-GE 65-160/149/A/BAQE/15/2 T MCE150/C | 15 | 20 | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | | | | |

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

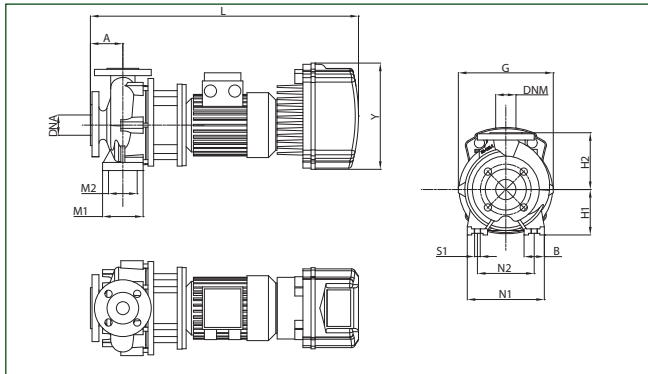
PRESSURE UNITS

NKP-GE 2 POLES

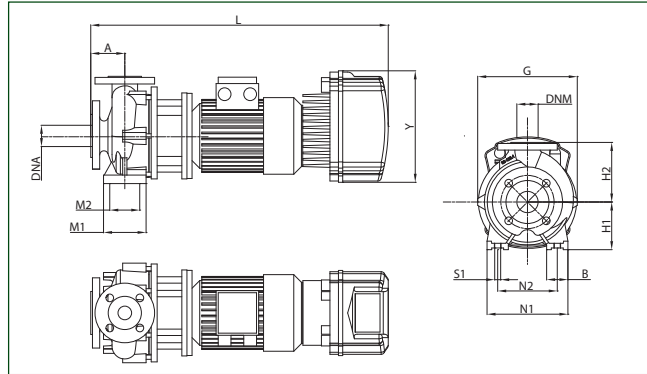
ENBLOC CENTRIFUGAL PUMPS WITH INVERTER

DIMENSIONS AND WEIGHTS

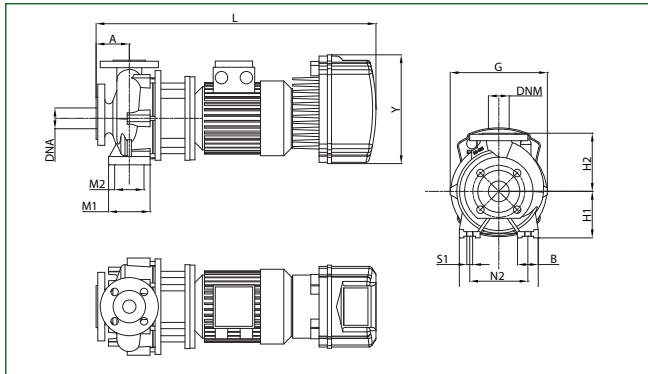
NKP-GE 32-125.1/115 - NKP-GE 32-125.1/125



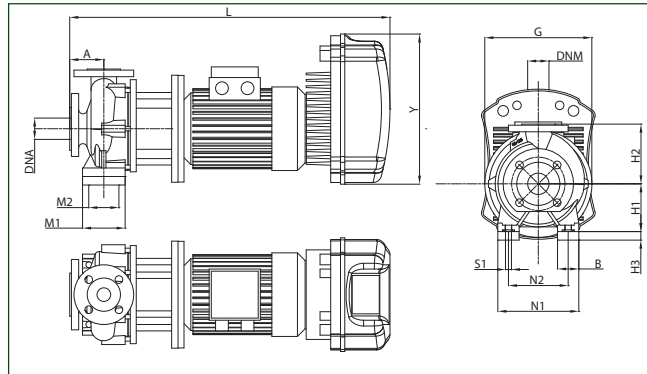
NKP-GE 32-125.1/140 - NKP-GE 32-125/110



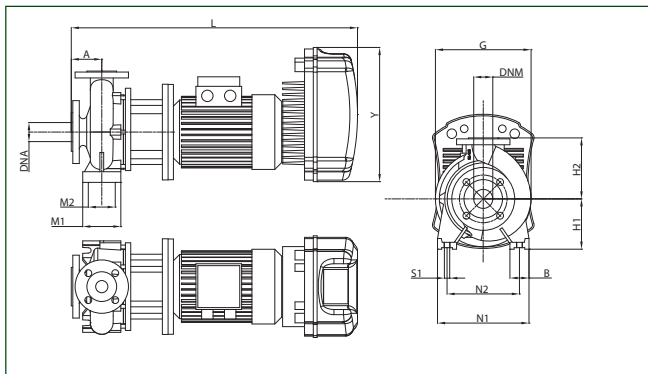
NKP-GE 32-125/120 - NKP-GE 32-125/130



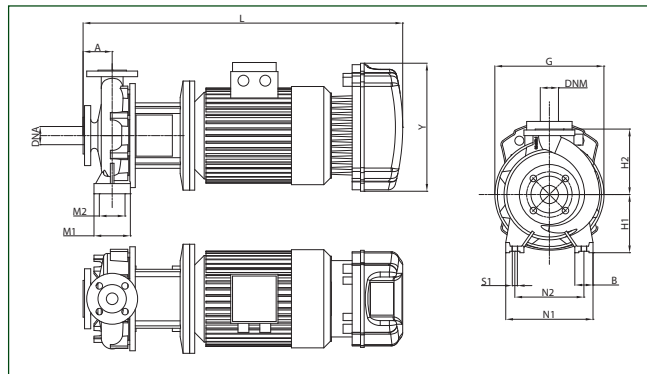
NKP-GE 32-125/142 - NKP-GE 32-160.1/143



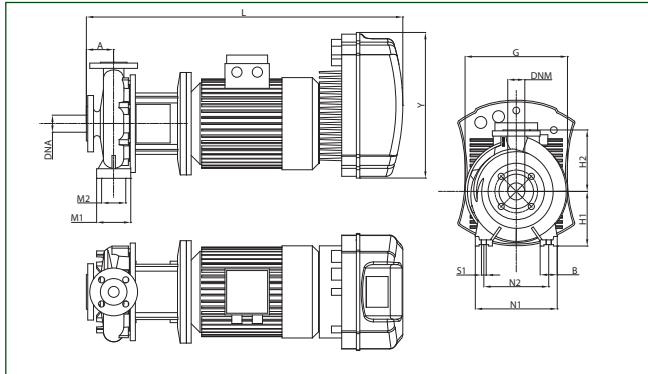
NKP-GE 32-160/128 - NKP-GE 32-160/146



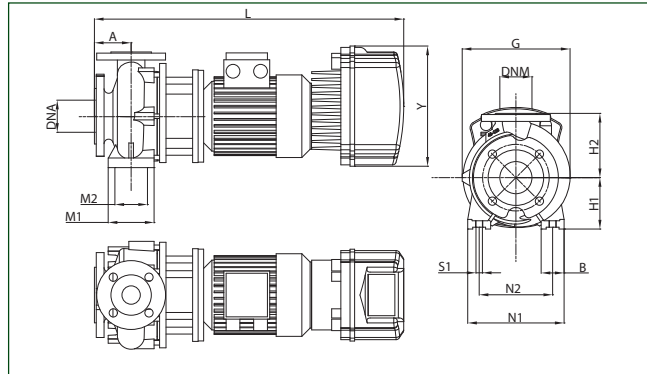
NKP-GE 32-200.1/174 - NKP-GE 32-200/163



NKP-GE 32-200/176



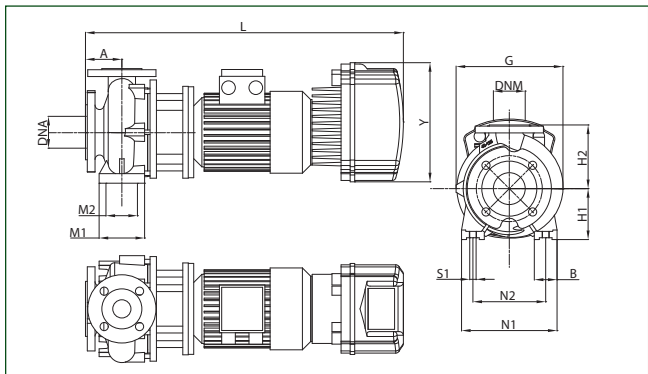
NKP-GE 40-125/107



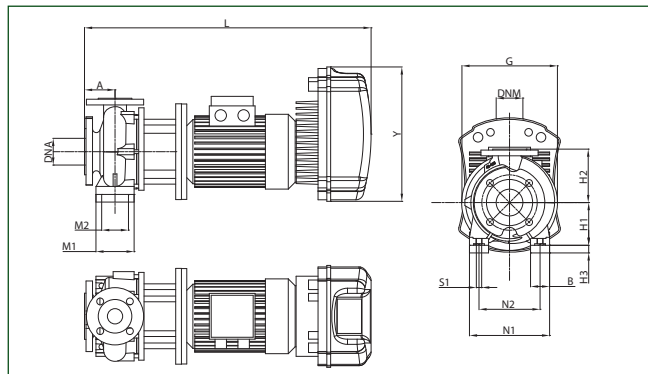
NKP-GE 2 POLES

ENBLOC CENTRIFUGAL PUMPS WITH INVERTER

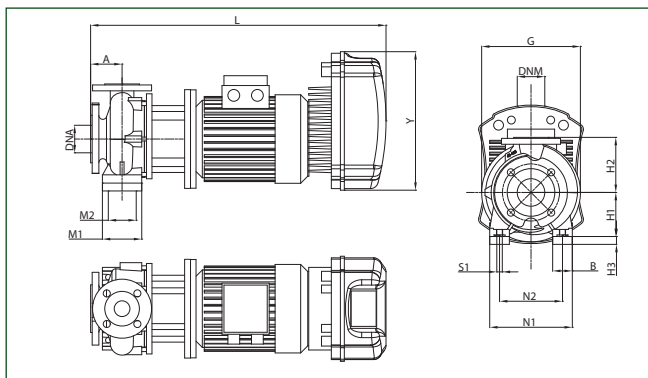
NKP-GE 40-125/120



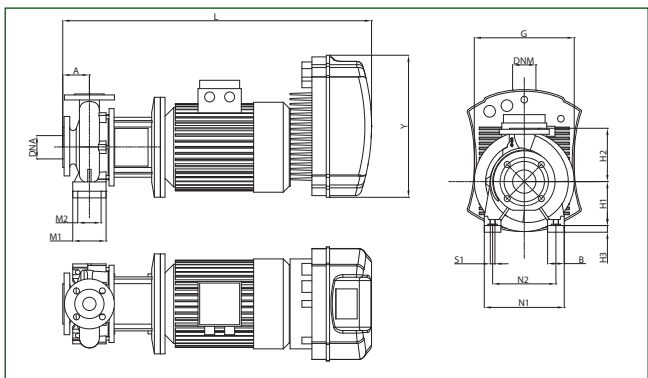
NKP-GE 40-125/110



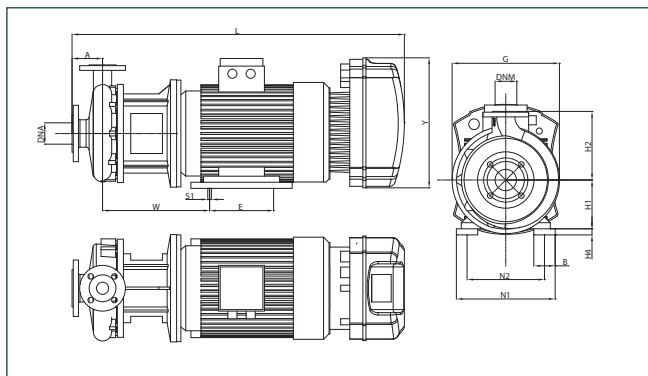
NKP-GE 40-125/120 - NKP-GE 40-160/135



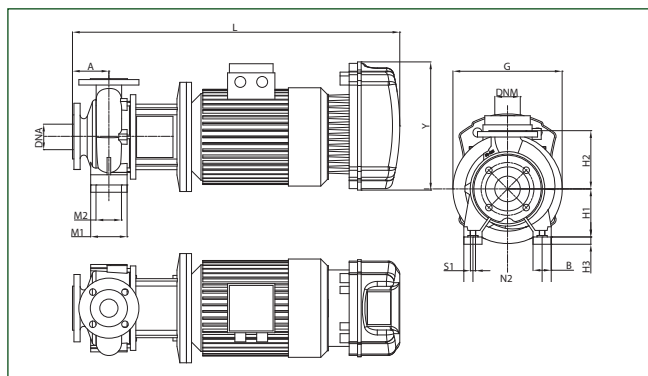
NKP-GE 40-160/145 - NKP-GE 40-200/177



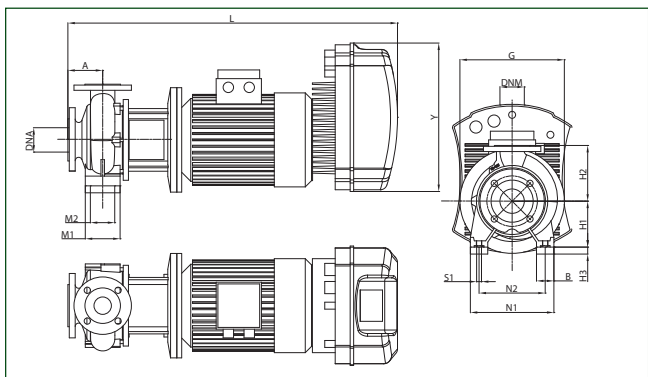
NKP-GE 40-250/192



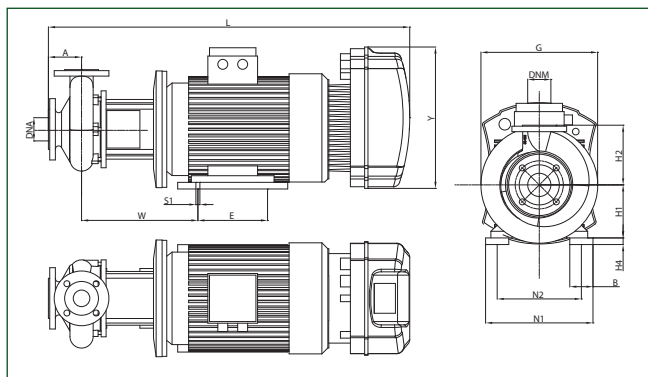
NKP-GE 50-125/115



NKP-GE 50-125/127



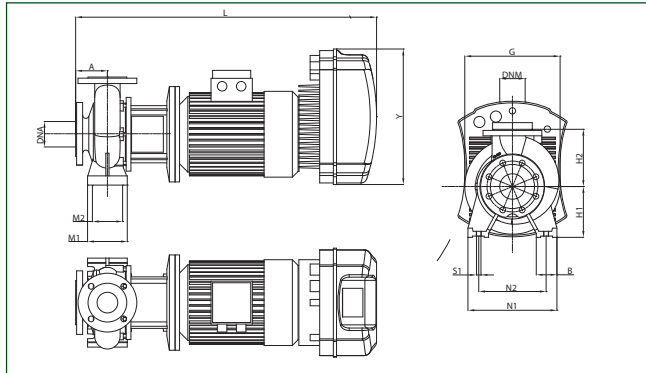
NKP-GE 50-160/145 - NKP-GE 50-200/170



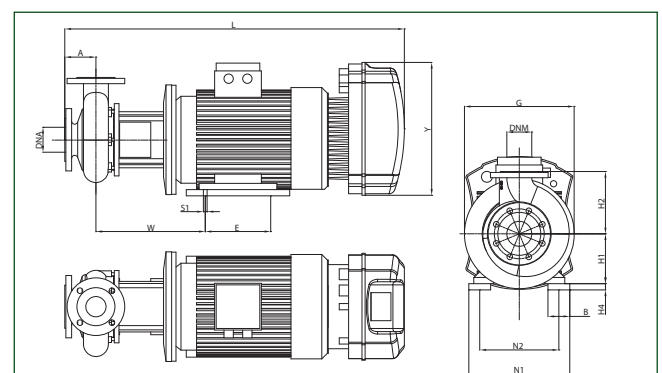
NKP-GE 2 POLES

ENBLOC CENTRIFUGAL PUMPS WITH INVERTER

NKP-GE 65-125/120-114



NKP-GE 65-160/137 - NKP-GE 65-160/149



| MODEL | A | B | E | G | H1 | H2 | H3 | H4 | L | M1 | M2 | N1 | N2 | S1 | W | X | Y | PACKAGING DIMENSIONS | | | WEIGHT KG |
|---|-----|----|-----|-----|-----|-----|----|----|------|-----|----|-----|-----|-----|-----|-----|-----|----------------------|-----|-----|--------------|
| | | | | | | | | | | | | | | | | | | L/A | L/B | H | |
| NKP-GE 32-125.1/115/A/BAQE/1.1/2 M MCE11/C | 80 | 50 | | 234 | 112 | 140 | | | 660 | 100 | 70 | 190 | 140 | M10 | | 100 | 262 | 800 | 400 | 400 | 51 |
| NKP-GE 32-125.1/125/A/BAQE/1.5/2 M MCE15/C | 80 | 50 | | 234 | 112 | 140 | | | 673 | 100 | 70 | 190 | 140 | M10 | | 100 | 262 | 800 | 400 | 400 | 56 |
| NKP-GE 32-125.1/140/A/BAQE/2.2/2 M MCE22/C | 80 | 50 | | 234 | 112 | 140 | | | 698 | 100 | 70 | 190 | 140 | M10 | | 100 | 262 | 800 | 400 | 400 | 58 |
| NKP-GE 32-125/110/A/BAQE/1.1/2 M MCE11/C | 80 | 50 | | 234 | 112 | 140 | | | 660 | 100 | 70 | 190 | 140 | M10 | | 100 | 262 | 800 | 400 | 400 | 44 |
| NKP-GE 32-125/120/A/BAQE/1.5/2 M MCE15/C | 80 | 50 | | 234 | 112 | 140 | | | 673 | 100 | 70 | 190 | 140 | M10 | | 100 | 262 | 800 | 400 | 400 | 56 |
| NKP-GE 32-125/130/A/BAQE/2.2/2 M MCE22/C | 80 | 50 | | 234 | 112 | 140 | | | 698 | 100 | 70 | 190 | 140 | M10 | | 100 | 262 | 800 | 400 | 400 | 58 |
| NKP-GE 32-125/142/A/ BAQE/3/2 T MCE30/C | 80 | 50 | | 250 | 112 | 140 | 20 | | 755 | 100 | 70 | 190 | 140 | M10 | | 100 | 353 | 800 | 400 | 400 | 76 |
| NKP-GE 32-160.1/143/A/BAQE/3/2 T MCE30/C | 80 | 50 | | 250 | 132 | 160 | | | 755 | 100 | 70 | 240 | 190 | M10 | | 100 | 353 | 800 | 400 | 400 | 70 |
| NKP-GE 32-160/128/A/BAQE/3/2 T MCE30/C | 80 | 50 | | 250 | 132 | 160 | | | 755 | 100 | 70 | 240 | 190 | M10 | | 100 | 353 | 800 | 400 | 400 | 70 |
| NKP-GE 32-160/146/A/ BAQE/5,5/2 T MCE55/C | 80 | 50 | | 300 | 132 | 160 | 20 | | 883 | 100 | 70 | 240 | 190 | M10 | | 100 | 353 | 1100 | 550 | 620 | 114 |
| NKP-GE 32-200.1/174/A/BAQE/5,5/2 T MCE55/C | 80 | 50 | | 300 | 160 | 180 | | | 883 | 100 | 70 | 240 | 190 | M10 | | 100 | 353 | 1100 | 550 | 620 | 114 |
| NKP-GE 32-200/163/A/BAQE/5,5/2 T MCE55/C | 80 | 50 | | 300 | 160 | 180 | | | 883 | 100 | 70 | 240 | 190 | M10 | | 100 | 353 | 1100 | 550 | 620 | 126 |
| NKP-GE 32-200/176/A/BAQE/7,5/2 T MCE110/C | 80 | 50 | | 300 | 160 | 180 | | | 933 | 100 | 70 | 240 | 190 | M10 | | 100 | 426 | 1100 | 550 | 620 | 135 |
| NKP-GE 40-125/107/A/BAQE/1.5/2 M MCE15/C | 80 | 50 | | 234 | 112 | 140 | | | 673 | 100 | 70 | 210 | 160 | M10 | | 100 | 262 | 800 | 400 | 400 | 61 |
| NKP-GE 40-125/120/A/BAQE/2.2/2 M MCE22/C | 80 | 50 | | 234 | 112 | 140 | | | 698 | 100 | 70 | 210 | 160 | M10 | | 100 | 262 | 800 | 400 | 400 | 74 |
| NKP-GE 40-125/110/A/BAQE/3/2 T MCE30/C | 80 | 50 | | 300 | 112 | 140 | | | 755 | 100 | 70 | 210 | 160 | M10 | | 100 | 353 | 800 | 400 | 400 | 85 |
| NKP-GE 40-125/120/A/BAQE/4/2 T MCE55/C | 80 | 50 | | 300 | 112 | 140 | | | 755 | 100 | 70 | 210 | 160 | M10 | | 100 | 353 | 800 | 400 | 400 | 107 |
| NKP-GE 40-160/135/A/BAQE/5,5/2 T MCE55/C | 80 | 50 | | 300 | 132 | 160 | | | 883 | 100 | 70 | 240 | 190 | M10 | | 100 | 353 | 1100 | 550 | 620 | 119 |
| NKP-GE 40-160/145/A/BAQE/7,5/2 T MCE110/C | 80 | 50 | | 300 | 132 | 160 | | | 933 | 100 | 70 | 240 | 190 | M10 | | 100 | 426 | 1100 | 550 | 620 | 127 |
| NKP-GE 40-200/177/A/BAQE/11/2 T MCE110/C | 100 | 67 | 210 | 350 | 160 | 180 | | 20 | 1053 | | | 314 | 254 | M12 | 351 | 100 | 426 | 1100 | 550 | 620 | 207 |
| NKP-GE 40-250/192/A/BAQE/15/2 T MCE150/C | 100 | 67 | 210 | 350 | 160 | 225 | | 20 | 1053 | | | 314 | 254 | M12 | 351 | 100 | 426 | 1100 | 550 | 620 | 220 |
| NKP-GE 50-125/115/A/BAQE/5,5/2 T MCE55/C | 100 | 50 | | 300 | 132 | 160 | | | 903 | 100 | 70 | 240 | 190 | M10 | | 100 | 353 | 1100 | 550 | 620 | 124 |
| NKP-GE 50-125/127/A/BAQE/7,5/2 T MCE110/C | 100 | 50 | | 300 | 132 | 160 | | | 953 | 100 | 70 | 240 | 190 | M10 | | 100 | 426 | 1100 | 550 | 620 | 133 |
| NKP-GE 50-160/145/A/BAQE/11/2 T MCE110/C | 100 | 67 | 210 | 350 | 160 | 180 | | 20 | 1053 | | | 314 | 254 | M12 | 351 | 100 | 426 | 1100 | 550 | 620 | 132 |
| NKP-GE 50-200/170/A/BAQE/15/2 T MCE150/C | 100 | 67 | 210 | 350 | 160 | 200 | | 20 | 1053 | | | 314 | 254 | M12 | 351 | 100 | 426 | 1100 | 550 | 620 | 216 |
| NKP-GE 65-125/120-114/A/BAQE/7,5/2 T MCE110/C | 100 | 65 | | 300 | 160 | 180 | | | 953 | 125 | 95 | 280 | 212 | M10 | | 100 | 426 | 1100 | 550 | 620 | 131 |
| NKP-GE 65-160/137/A/BAQE/11/2 T MCE110/C | 100 | 67 | 210 | 350 | 160 | 200 | | 20 | 1053 | | | 314 | 254 | M12 | 351 | 100 | 426 | 1100 | 550 | 620 | 202 |
| NKP-GE 65-160/149/A/BAQE/15/2 T MCE150/C | 100 | 67 | 210 | 350 | 160 | 200 | | 20 | 1053 | | | 314 | 254 | M12 | 351 | 100 | 426 | 1100 | 550 | 620 | 212 |



Standardised centrifugal pumps on skid with elastic coupling, electronics designed for a wide range of applications such as:

- Circulation of hot water for heating.
- Circulation of cold water for air conditioning.
- Circulation of cold water for cooling.

Highly versatile pumps thanks to the use of the DAB MCE/C inverter, to guarantee performance able to automatically adapt to the various system requirements, while maintaining constant differential pressure.

Spiral single-stage body in cast iron according to DIN-EN 733 (ex DIN 24255), cast iron seal cover and motor support, flanges according to DIN 2533 (DIN 2532 for DN 200). Cast iron impeller, sealed and dynamically balanced with axial thrust compensation via balancing holes, operating (on request) on interchangeable wear rings. Pump shaft in stainless steel mounted on two generously sized ball bearings, permanently lubricated and housed in a special chamber inside the support.

Standard seal: standardised mechanical seal according to DIN 24960 in carbon/silicon carbide with O-rings in EPDM. On request, packing seals are available, with hydraulic lubrication ring and gland in two easily removable parts.

Sealed, asynchronous motor cooled by external ventilation; 2-pole or 4-pole. Rotor mounted on generously sized ball bearings to ensure silent and durable operation. Electrical protection: according to standards transposed into the

ELECTROMAGNETIC COMPATIBILITY DIRECTIVE EEC 89/336 and subsequent amendments, LOW VOLTAGE DIRECTIVE EEC 73/23 and subsequent amendments and standards CEI 2-3.

Construction design B3

Speed of rotation 1450 - 2900 1/min.

Operating range from 1 a 440 m³/h with head up to 70 meters

Liquid temp. range from -10°C to +140°C.

Pumped liquid clean, free from solid or abrasive substances, not viscous, not aggressive, not crystallised and chemically neutral, characteristics similar to water.

Max. ambient temperature +40°C

Maximum operating pressure 16 bar - 1600 kPa (per il DN 200 max 10 bar).

Protection rating IP 55

Thermal category F

Flanging

PN 16 DIN 2533

PN 10 DIN 2532 per DN 200

Installation fixed horizontally.

Special versions on request



| MODEL | | MCE MODEL | VOLTAGE 60 Hz | POWER [kW] | | FLANGE DIMENS. (mm) | | WEIGHT [Kg] |
|-------------|---------|-----------|---------------|------------|---------|---------------------|-----|-------------|
| | | | | 4 POLES | 2 POLES | DNA | DNM | |
| KDNE 32-125 | 4 POLES | MCE11/C | 1x220/240V | 0,55 | - | 50 | 32 | 87 |
| | | MCE11/C | 1x220/240V | 0,75 | - | 50 | 32 | 88 |
| | 2 POLES | MCE15/C | 1x220/240V | - | 1,5 | 50 | 32 | 97 |
| | | MCE22/C | 1x220/240V | - | 2,2 | 50 | 32 | 104 |
| | | MCE30/C | 3x460V | - | 3 | 50 | 32 | 111 |
| | | MCE22/C | 1x220/240V | - | 2,2 | 50 | 32 | 97 |
| | | MCE30/C | 3x460V | - | 3 | 50 | 32 | 105 |
| MCE55/C | 3x460V | - | 4 | 50 | 32 | 126 | | |
| KDNE 32-160 | 4 POLES | MCE11/C | 1x220/240V | 0,75 | - | 50 | 32 | 95 |
| | | MCE11/C | 1x220/240V | 1,1 | - | 50 | 32 | 97 |
| | 2 POLES | MCE15/C | 1x220/240V | - | 1,5 | 50 | 32 | 98 |
| | | MCE22/C | 1x220/240V | - | 2,2 | 50 | 32 | 106 |
| | | MCE30/C | 3x460V | - | 3 | 50 | 32 | 111 |
| | | MCE55/C | 3x460V | - | 5,5 | 50 | 32 | 145 |
| | | MCE55/C | 3x460V | - | 5,5 | 50 | 32 | 145 |
| MCE110/C | 3x460V | - | 7,5 | 50 | 32 | 152 | | |
| KDNE 32-200 | 4 POLES | MCE11/C | 1x220/240V | 1,1 | - | 50 | 32 | 110 |
| | | MCE11/C | 1x220/240V | 1,1 | - | 50 | 32 | 105 |
| | | MCE22/C | 1x220/240V | 2,2 | - | 50 | 32 | 106 |
| | 2 POLES | MCE55/C | 3x460V | - | 5,5 | 50 | 32 | 152 |
| | | MCE110/C | 3x460V | - | 7,5 | 50 | 32 | 179 |
| | | MCE110/C | 3x460V | - | 7,5 | 50 | 32 | 190 |
| | | MCE110/C | 3x460V | - | 11 | 50 | 32 | 250 |
| MCE150/C | 3x460V | - | 15 | 50 | 32 | 261 | | |
| KDNE 40-125 | 4 POLES | MCE11/C | 1x220/240V | 1,1 | - | 65 | 40 | 90 |
| | 2 POLES | MCE55/C | 3x460V | - | 5,5 | 65 | 40 | 143 |
| KDNE 40-160 | 4 POLES | MCE11/C | 1x220/240V | 1,1 | - | 65 | 40 | 95 |
| | | MCE15/C | 1x220/240V | 1,5 | - | 65 | 40 | 105 |
| | 2 POLES | MCE110/C | 3x460V | - | 7,5 | 65 | 40 | 178 |
| | | MCE110/C | 3x460V | - | 11 | 65 | 40 | 186 |

¹Three-phase versions available on request

KDNE 4 POLES

STANDARDISED CENTRIFUGAL PUMPS ON SKID

| MODEL | | MCE MODEL | VOLTAGE 60 Hz | POWER [kW] | | FLANGE DIMENS. (mm) | | WEIGHT [Kg] |
|--------------|---------|-----------|------------------|------------|---------|---------------------|-----|----------------|
| | | | | 4 POLES | 2 POLES | DNA | DNM | |
| KDNE 40-200 | 4 POLES | MCE11/C | 1x220/240V | 1,1 | - | 65 | 40 | 105 |
| | | MCE15/C | 1x220/240V | 1,5 | - | 65 | 40 | 109 |
| | | MCE22/C | 1x220/240V | 2,2 | - | 65 | 40 | 115 |
| | 2 POLES | MCE110/C | 3x460V | - | 11 | 65 | 40 | 234 |
| | | MCE150/C | 3x460V | - | 15 | 65 | 40 | 244 |
| KDNE 40-250 | 4 POLES | MCE22/C | 1x220/240V | 2,2 | - | 65 | 40 | 133 |
| | | MCE30/C | 3x460V | 3 | - | 65 | 40 | 158 |
| | | MCE55/C | 3x460V | 4 | - | 65 | 40 | 209 |
| KDNE 50-125 | 4 POLES | MCE11/C | 1x220/240V | 1,1 | - | 65 | 50 | 97 |
| | | MCE15/C | 1x220/240V | 1,5 | - | 65 | 50 | 105 |
| | 2 POLES | MCE110/C | 3x460V | - | 7,5 | 65 | 40 | 156 |
| | | MCE110/C | 3x460V | - | 11 | 65 | 50 | 156 |
| KDNE 50-160 | 4 POLES | MCE11/C | 1x220/240V | 1,1 | - | 65 | 50 | 104 |
| | | MCE15/C | 1x220/240V | 1,5 | - | 65 | 50 | 107 |
| | | MCE22/C | 1x220/240V | 2,2 | - | 65 | 50 | 111 |
| | | MCE30/C | 3x460V | 3 | - | 65 | 50 | 119 |
| | 2 POLES | MCE110/C | 3x460V | - | 11 | 65 | 50 | 201 |
| | | MCE150/C | 3x460V | - | 15 | 65 | 50 | 213 |
| KDNE 50-200 | 4 POLES | MCE15/C | 1x220/240V | 1,5 | - | 65 | 50 | 118 |
| | | MCE22/C | 1x220/240V | 2,2 | - | 65 | 50 | 127 |
| | | MCE30/C | 3x460V | 3 | - | 65 | 50 | 131 |
| | | MCE55/C | 3x460V | 4 | - | 65 | 50 | 131 |
| KDNE 65-125 | 4 POLES | MCE55/C | 3x460V | 5,5 | - | 65 | 50 | 182 |
| | 4 POLES | MCE11/C | 1x220/240V | 1,1 | - | 80 | 65 | 104 |
| | | MCE15/C | 1x220/240V | 1,5 | - | 80 | 65 | 107 |
| KDNE 65-160 | 4 POLES | MCE110/C | 3x460V | - | 11 | 80 | 65 | 188 |
| | | MCE11/C | 1x220/240V | 1,1 | - | 80 | 65 | 107 |
| | | MCE15/C | 1x220/240V | 1,5 | - | 80 | 65 | 118 |
| | | MCE22/C | 1x220/240V | 2,2 | - | 80 | 65 | 118 |
| | 2 POLES | MCE30/C | 3x460V | 3 | - | 80 | 65 | 157 |
| MCE150/C | | 3x460V | - | 15 | 80 | 65 | 233 | |
| KDNE 65-200 | 4 POLES | MCE22/C | 1x220/240V | 2,2 | - | 80 | 65 | 151 |
| | | MCE30/C | 3x460V | 3 | - | 80 | 65 | 159 |
| | | MCE55/C | 3x460V | 5,5 | - | 80 | 65 | 209 |
| KDNE 65-250 | 4 POLES | MCE110/C | 3x460V | 7,5 | - | 80 | 65 | 270 |
| KDNE 65-315 | 4 POLES | MCE150/C | 3x460V | 15 | - | 80 | 65 | 310 |
| KDNE 80-160 | 4 POLES | MCE11/C | 3x460V | 1,1 | - | 100 | 80 | 123 |
| | | MCE15/C | 3x460V | 1,5 | - | 100 | 80 | 130 |
| | | MCE22/C | 1x220/240V | 2,2 | - | 100 | 80 | 143 |
| | | MCE30/C | 3x460V | 3 | - | 100 | 80 | 147 |
| | | MCE55/C | 3x460V | 4 | - | 100 | 80 | 147 |
| KDNE 80-200 | 4 POLES | MCE55/C | 3x460V | 5,5 | - | 100 | 80 | 197 |
| | | MCE110/C | 3x460V | 7,5 | - | 100 | 80 | 201 |
| KDNE 80-250 | 4 POLES | MCE110/C | 3x460V | 11 | - | 100 | 80 | 271 |
| | | MCE150/C | 3x460V | 15 | - | 100 | 80 | 290 |
| KDNE 100-200 | 4 POLES | MCE110/C | 3x460V | 11 | - | 125 | 100 | 320 |
| KDNE 100-250 | 4 POLES | MCE150/C | 3x460V | 15 | - | 125 | 100 | 313 |

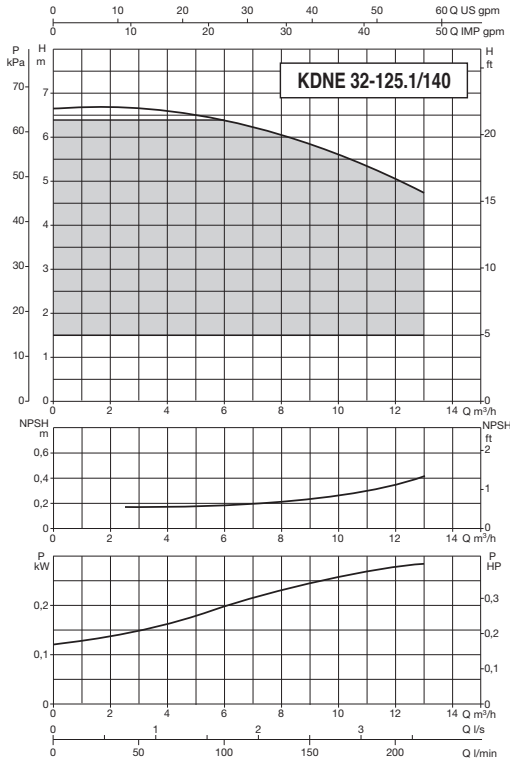
¹Three-phase versions available on request

KDNE 4 POLES - Single-phase STANDARDISED CENTRIFUGAL PUMPS ON SKID

For three-phase curves, see the corresponding model without inverter

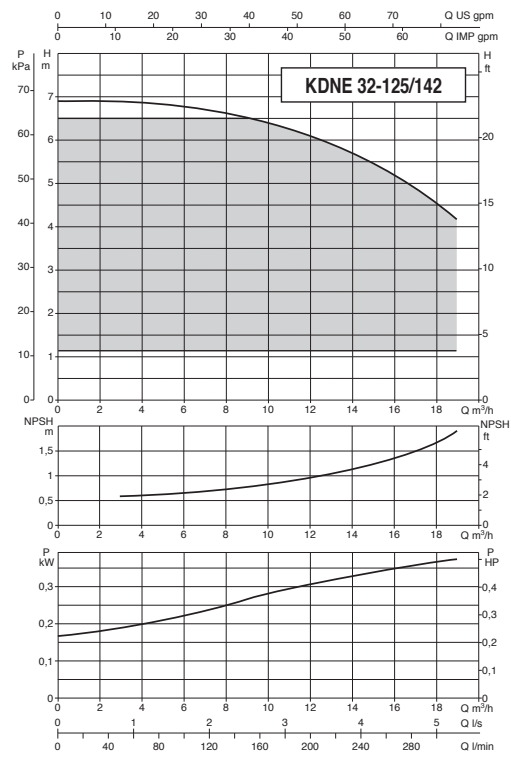
KDNE 32-125.1/140

≈ 1750 r.p.m.



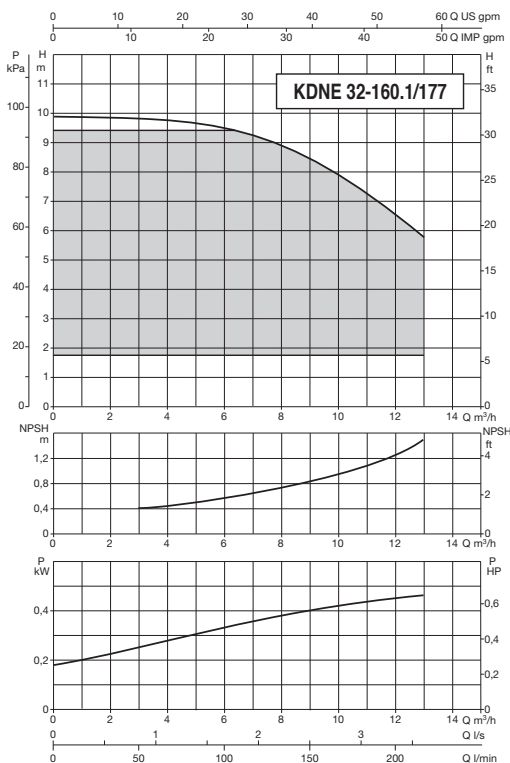
KDNE 32-125/142

≈ 1750 r.p.m.



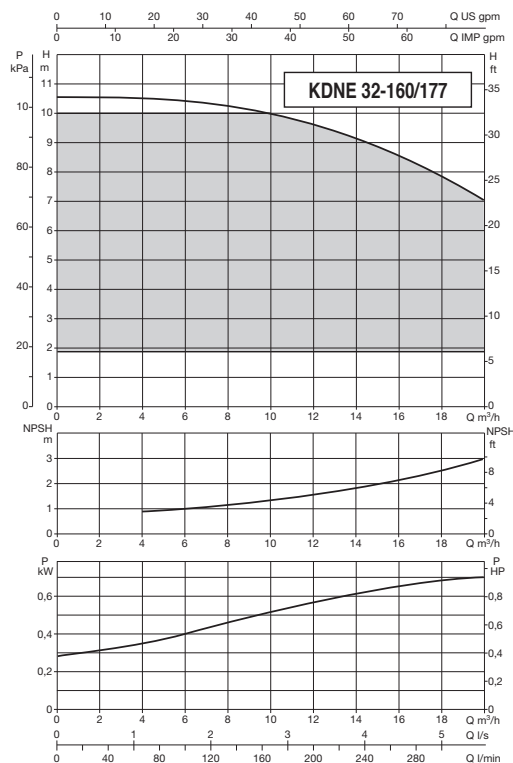
KDNE 32-160.1/177

≈ 1750 r.p.m.



KDNE 32-160/177

≈ 1750 r.p.m.



The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

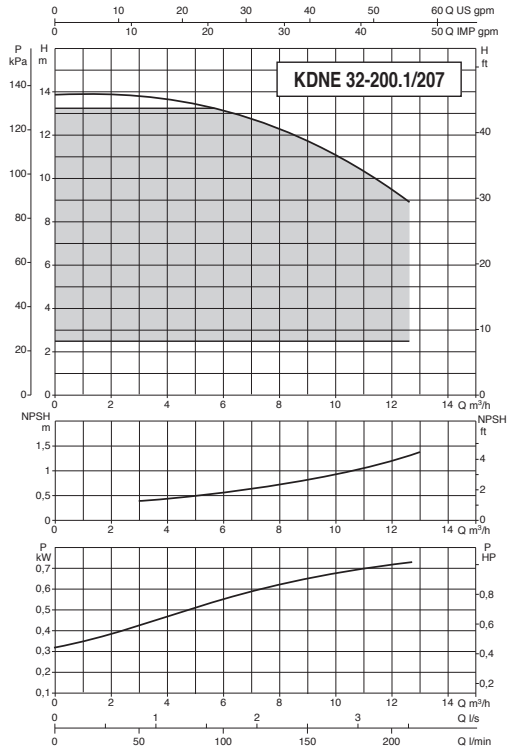
KDNE 4 POLES - Single-phase

STANDARDISED CENTRIFUGAL PUMPS ON SKID

For three-phase curves, see the corresponding model without inverter

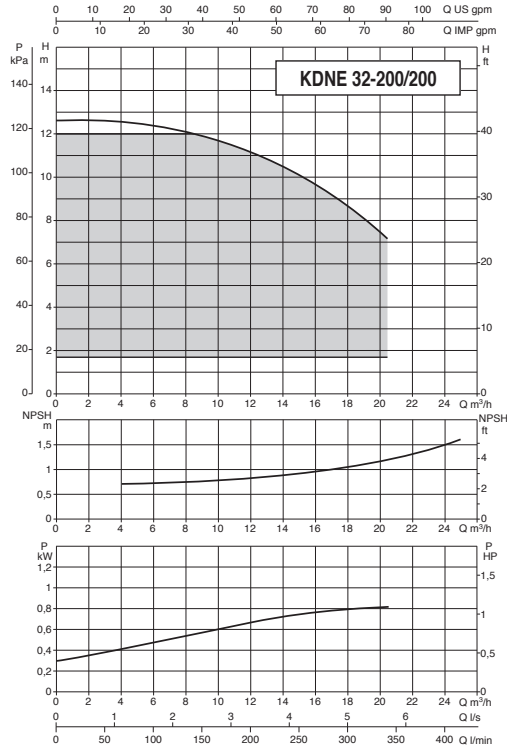
KDNE 32-200.1/207

≈ 1750 r.p.m.



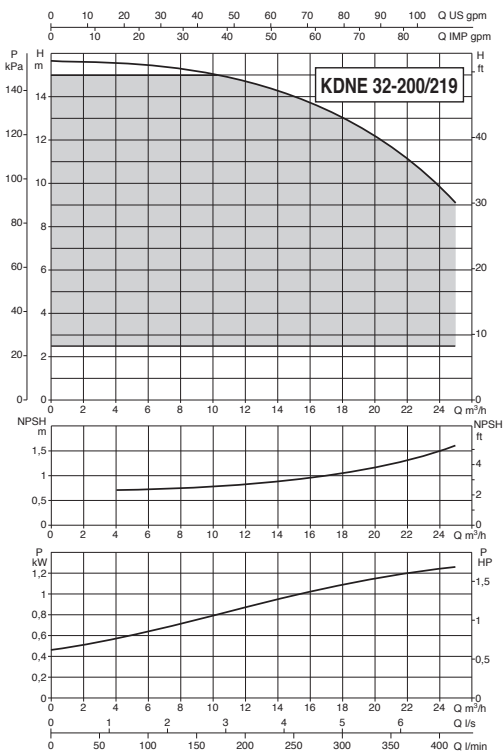
KDNE 32-200/200

≈ 1750 r.p.m.



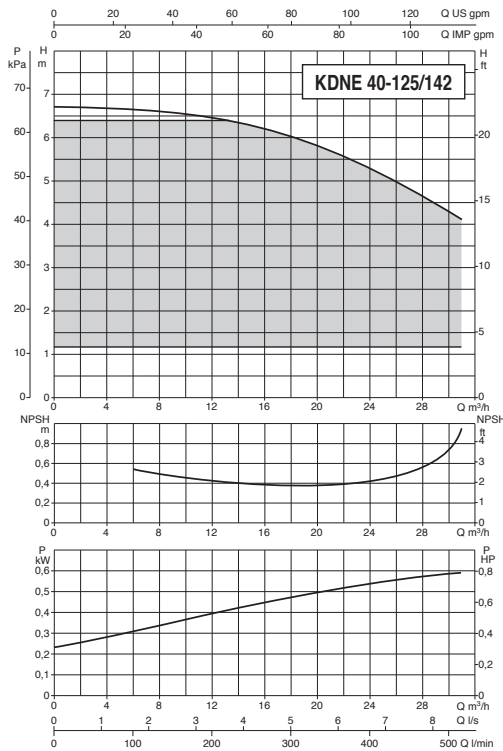
KDNE 32-200/219

≈ 1750 r.p.m.



KDNE 40-125/142

≈ 1750 r.p.m.



The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

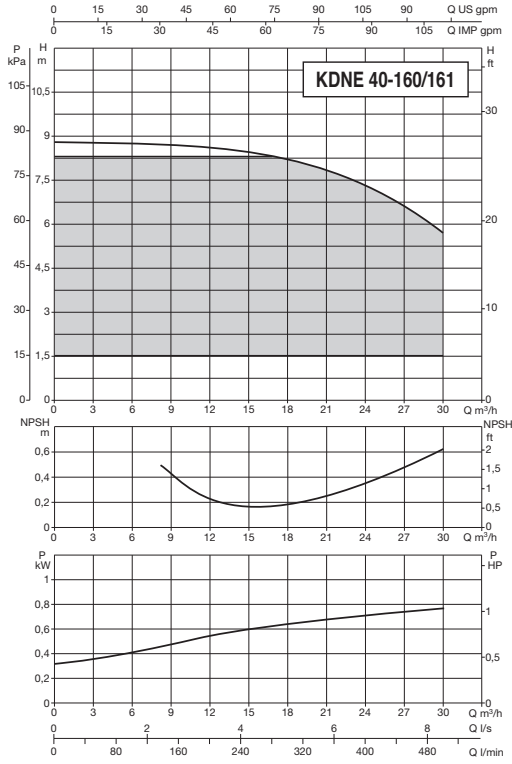
KDNE 4 POLES - Single-phase

STANDARDISED CENTRIFUGAL PUMPS ON SKID

For three-phase curves, see the corresponding model without inverter

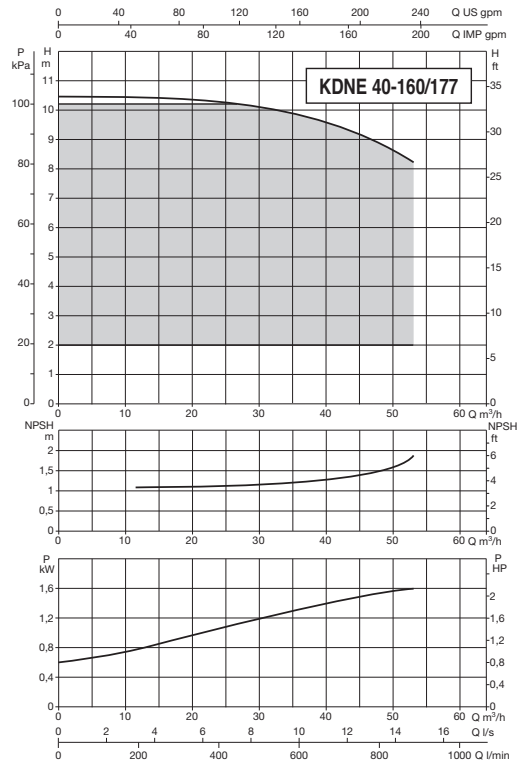
KDNE 40-160/161

≅ 1750 r.p.m.



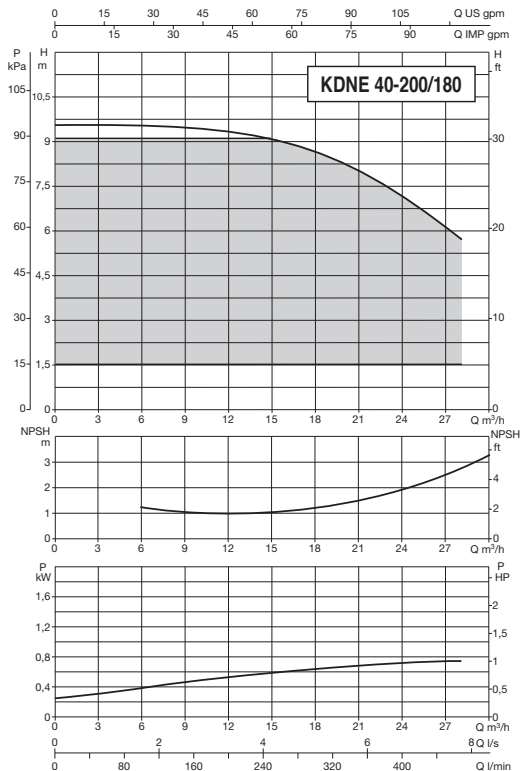
KDNE 40-160/177

≅ 1750 r.p.m.



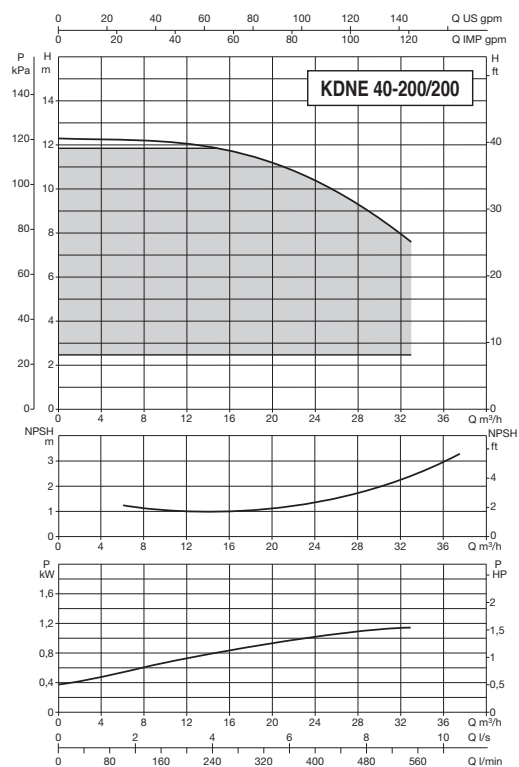
KDNE 40-200/180

≅ 1750 r.p.m.



KDNE 40-200/200

≅ 1750 r.p.m.



The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

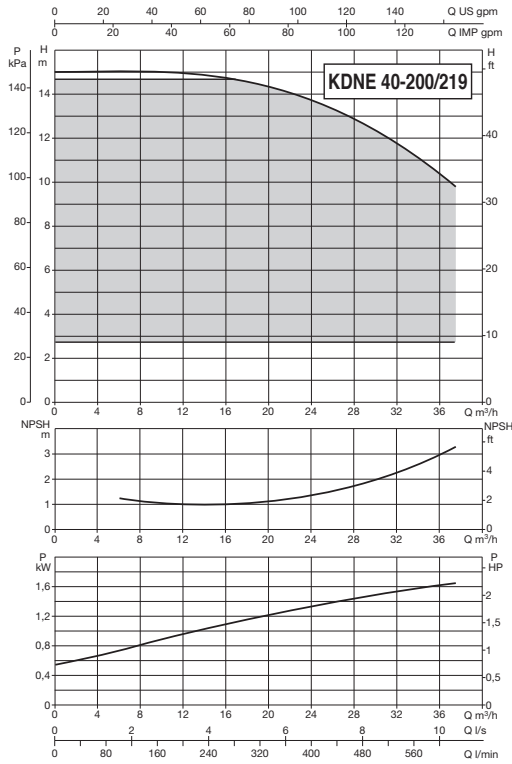
KDNE 4 POLES - Single-phase

STANDARDISED CENTRIFUGAL PUMPS ON SKID

For three-phase curves, see the corresponding model without inverter

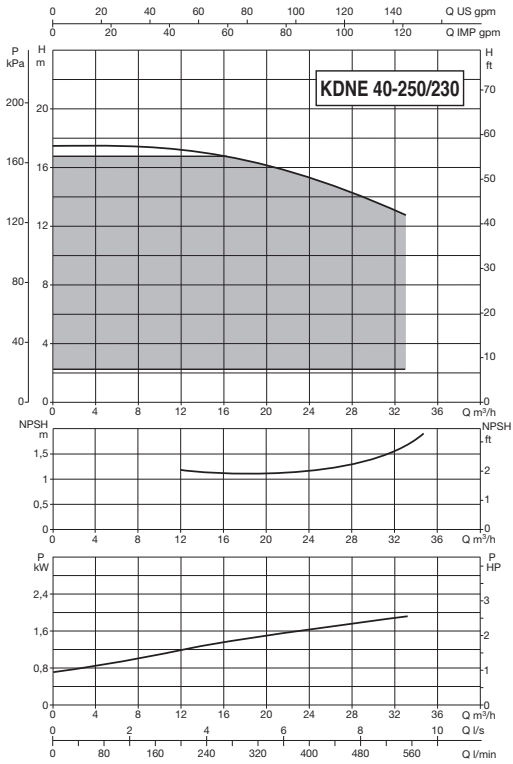
KDNE 40-200/219

≈ 1750 r.p.m.



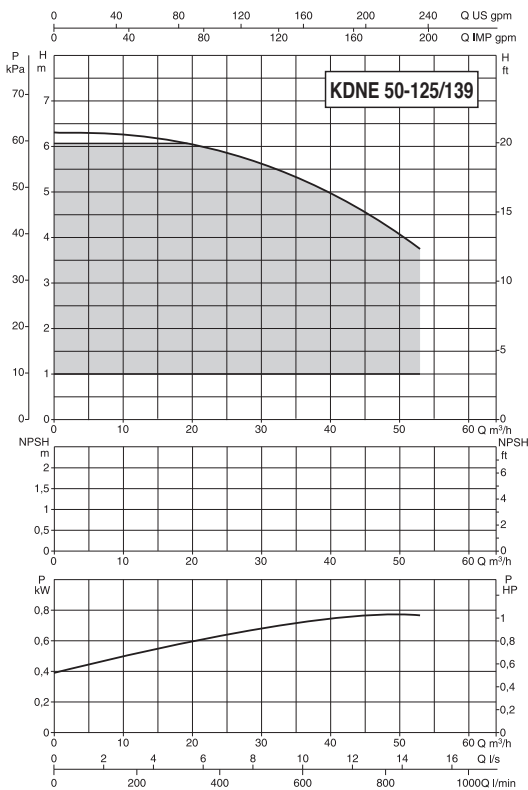
KDNE 40-250/230

≈ 1750 r.p.m.



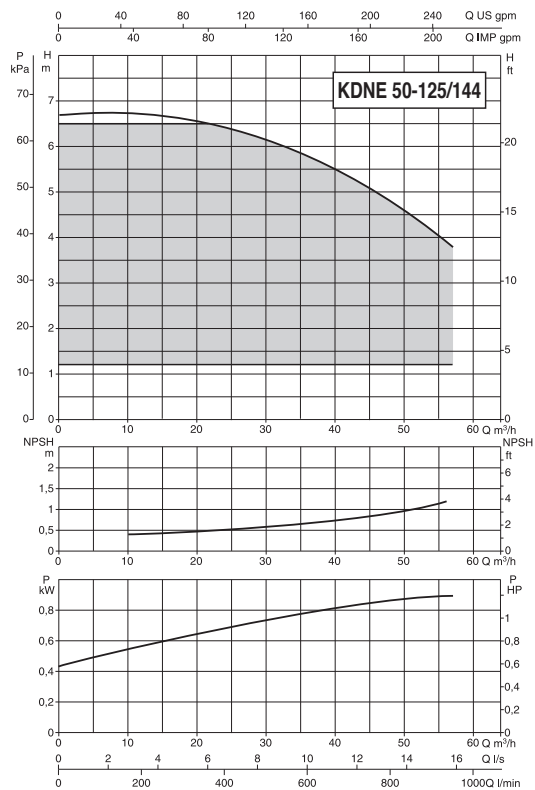
KDNE 50-125/139

≈ 1750 r.p.m.



KDNE 50-125/144

≈ 1750 r.p.m.



The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

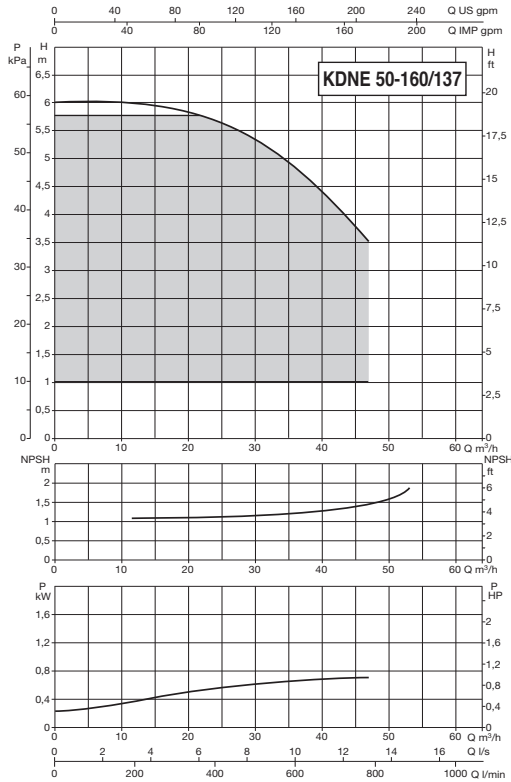
KDNE 4 POLES - Single-phase

STANDARDISED CENTRIFUGAL PUMPS ON SKID

For three-phase curves, see the corresponding model without inverter

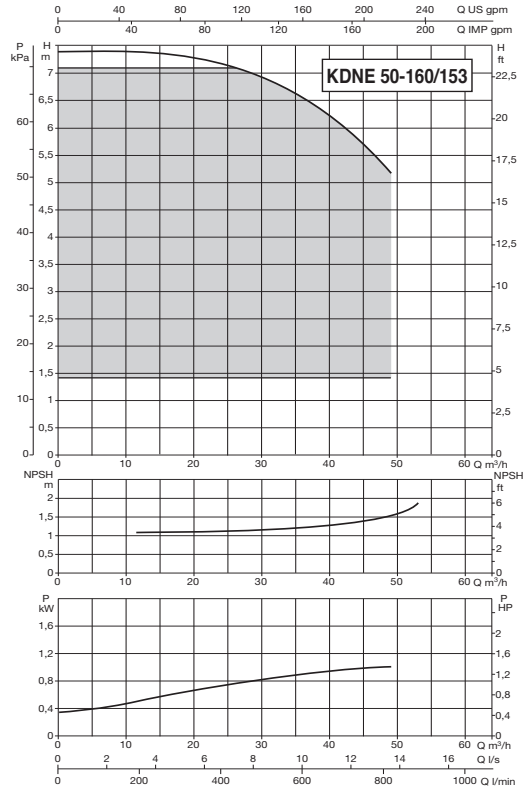
KDNE 50-160/137

≈ 1750 r.p.m.



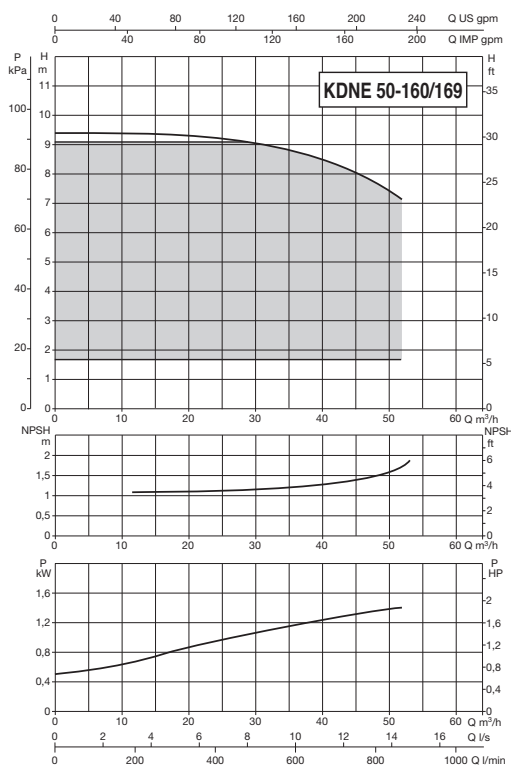
KDNE 50-160/153

≈ 1750 r.p.m.



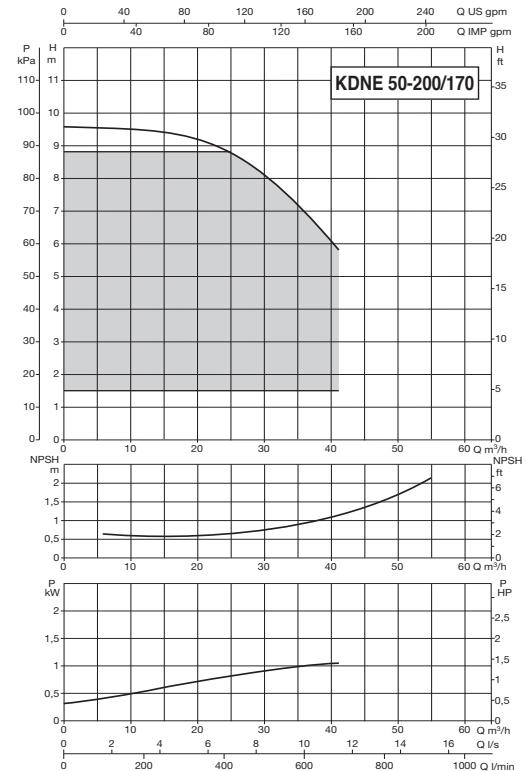
KDNE 50-160/169

≈ 1750 r.p.m.



KDNE 50-200/170

≈ 1750 r.p.m.



The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

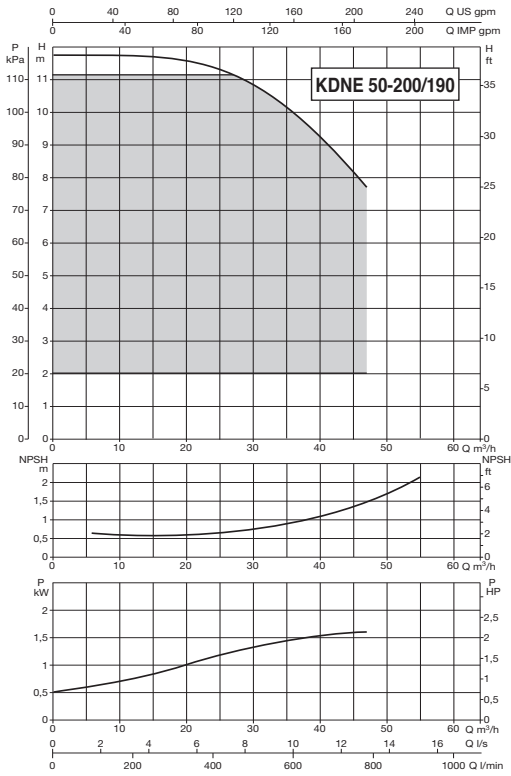
KDNE 4 POLES - Single-phase

STANDARDISED CENTRIFUGAL PUMPS ON SKID

For three-phase curves, see the corresponding model without inverter

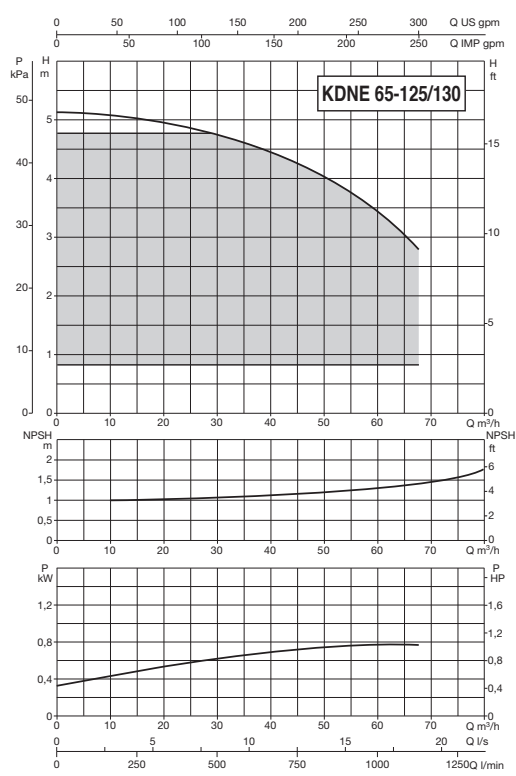
KDNE 50-200/190

≈ 1750 r.p.m.



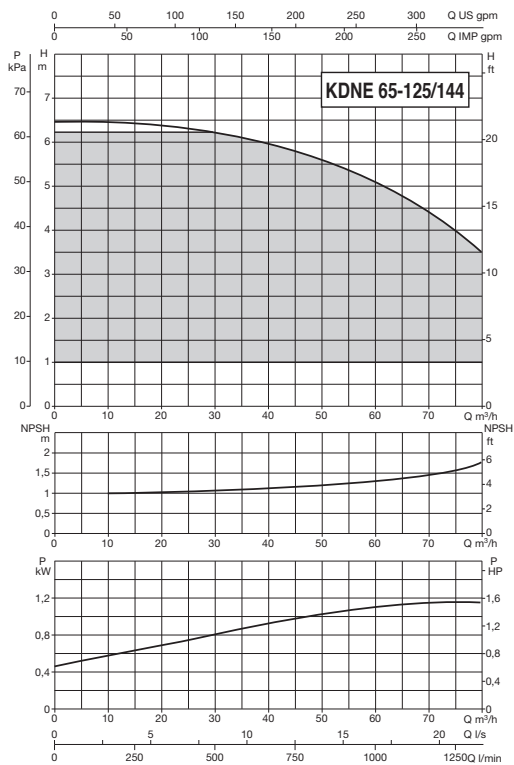
KDNE 65-125/130

≈ 1750 r.p.m.



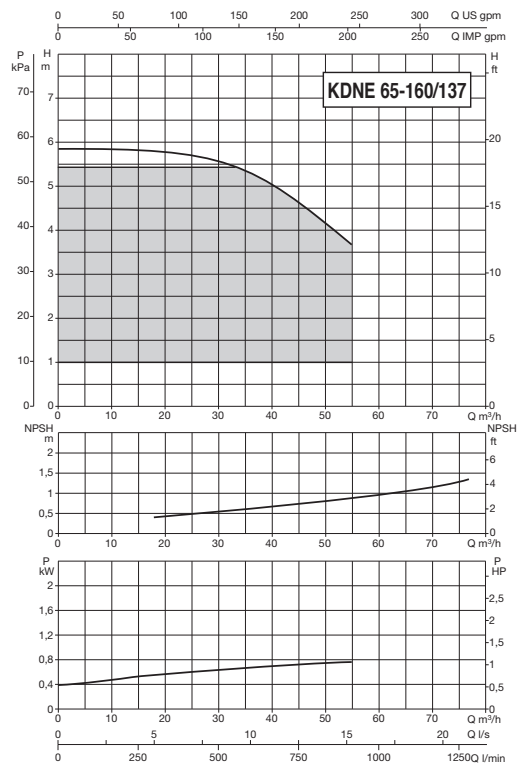
KDNE 65-125/144

≈ 1750 r.p.m.



KDNE 65-160/137

≈ 1750 r.p.m.



The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

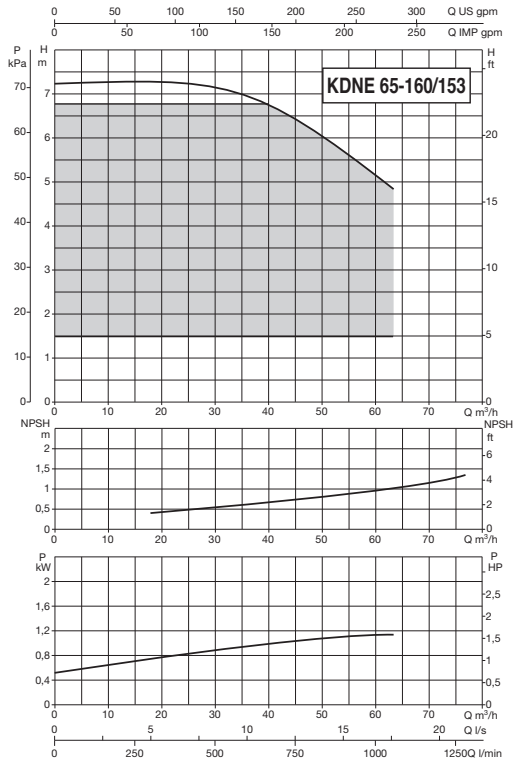
KDNE 4 POLES - Single-phase

STANDARDISED CENTRIFUGAL PUMPS ON SKID

For three-phase curves, see the corresponding model without inverter

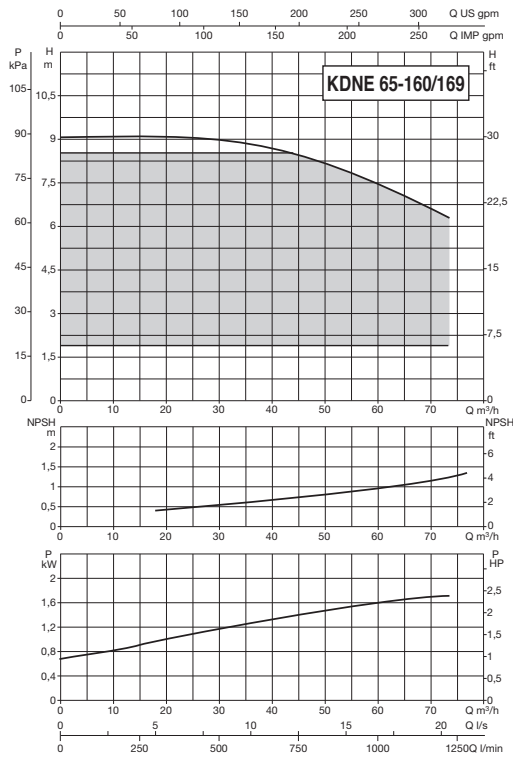
KDNE 65-160/153

≈ 1750 r.p.m.



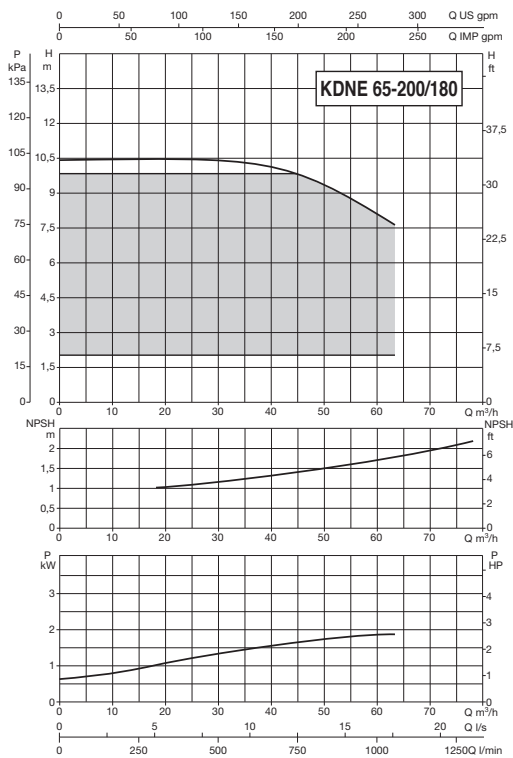
KDNE 65-160/169

≈ 1750 r.p.m.



KDNE 65-200/180

≈ 1750 r.p.m.



The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

STANDARDISED CENTRIFUGAL PUMPS ON SKID - KDNE 4 POLES

PERFORMANCE RANGE

≈ 1750 r.p.m.

| MODEL | Q (m³/h) (l/min) | 0 | 3 | 6 | 12 | 18 | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | 72 | 78 | 84 | 90 | 102 | 114 | 120 | 150 | 180 | 210 |
|---|---------------------|--|------|------|------|------|------|------|------|------|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|
| | | 0 | 50 | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1700 | 1900 | 2000 | 2500 | 3000 | 3500 |
| KDNE 32-125.1/140/A/BAQE/1/0,55/4 M MCE11/C | | 6.6 | 6.6 | 6.4 | 5.1 | | | | | | | | | | | | | | | | | | | |
| KDNE 32-125/142/A/BAQE/1/0,75/4 M MCE11/C | | 6.9 | | 6.75 | 6.15 | 4.5 | | | | | | | | | | | | | | | | | | |
| KDNE 32-160.1/177/A/BAQE/1/0.75/4 M MCE11/C | | 9 | 9.8 | 9.5 | 6.6 | | | | | | | | | | | | | | | | | | | |
| KDNE 32-160/177/A/BAQE/1/1,1/4 M MCE11/C | | 10.5 | | 10.4 | 9.6 | 7.8 | | | | | | | | | | | | | | | | | | |
| KDNE 32-200.1/207/A/BAQE/1/1.1/4 M MCE11/C | | 13.8 | 13.8 | 13 | 8.9 | | | | | | | | | | | | | | | | | | | |
| KDNE 32-200/200/A/BAQE/1/1,1/4 M MCE11/C | | 12.6 | | 12.3 | 11.1 | 8.7 | | | | | | | | | | | | | | | | | | |
| KDNE 32-200/219/A/BAQE/1/2,2/4 M MCE22/C | | 15.7 | | 15.4 | 14.8 | 13 | 9.8 | | | | | | | | | | | | | | | | | |
| KDNE 40-125/142/A/BAQE/1/1.1/4 M MCE11/C | | 6.7 | | 6.6 | 6.5 | 6 | 5.3 | 4.1 | | | | | | | | | | | | | | | | |
| KDNE 40-160/161/A/BAQE/1/1,1/4 M MCE11/C | | 8.6 | | 8.5 | 8.4 | 8 | 7.1 | 5.6 | | | | | | | | | | | | | | | | |
| KDNE 40-160/177/A/BAQE/1/1,5/4 M MCE15/C | | 10.7 | | 10.7 | 10.6 | 10.2 | 9.5 | 8.3 | | | | | | | | | | | | | | | | |
| KDNE 40-200/180/A/BAQE/1/1,1/4 M MCE11/C | | 9.7 | | 9.7 | 9.4 | 8.8 | 7.2 | | | | | | | | | | | | | | | | | |
| KDNE 40-200/200/A/BAQE/1/1,5/4 M MCE15/C | | 12.2 | | 12.1 | 12 | 11.7 | 10.4 | 8.6 | | | | | | | | | | | | | | | | |
| KDNE 40-200/219/A/BAQE/1/2,2/4 M MCE22/C | | 15 | | 15 | 15 | 14.7 | 13.8 | 12.4 | 10.4 | | | | | | | | | | | | | | | |
| KDNE 40-250/230/A/BAQE/1/2,2/4 M MCE22/C | | 17.4 | | | 17.2 | 16.5 | 15.3 | 13.7 | | | | | | | | | | | | | | | | |
| KDNE 40-250/220/A/BAQE/1/3/4 T MCE30/C | | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | | | |
| KDNE 40-250/230/A/BAQE/1/4/4 T MCE55/C | | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | | | |
| KDNE 50-125/139/A/BAQE/1/1,1/4 M MCE11/C | | 6.3 | | | 6.2 | 6.1 | 5.9 | 5.6 | 5.2 | 4.8 | 4.2 | | | | | | | | | | | | | |
| KDNE 50-125/144/A/BAQE/1/1,5/4 M MCE15/C | | 6.7 | | | 6.7 | 6.6 | 6.4 | 6.2 | 5.8 | 5.3 | 4.8 | 4.1 | | | | | | | | | | | | |
| KDNE 50-160/137/A/BAQE/1/1,1/4 M MCE11/C | | 6 | | | 6 | 5.9 | 5.6 | 5.2 | 4.8 | | | | | | | | | | | | | | | |
| KDNE 50-160/153/A/BAQE/1/1,5/4 M MCE15/C | | 7.6 | | | 7.6 | 7.5 | 7.4 | 7.2 | 6.7 | | | | | | | | | | | | | | | |
| KDNE 50-160/169/A/BAQE/1/2,2/4 M MCE22/C | | 9.4 | | | 9.3 | 9.2 | 9.2 | 9.1 | 8.8 | | | | | | | | | | | | | | | |
| KDNE 50-160/161/A/BAQE/1/3/4 T MCE30/C | | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | | | |
| KDNE 50-200/170/A/BAQE/1/1,5/4 M MCE15/C | | 9.5 | | | 9.3 | 9.2 | 8.8 | 8 | 6.85 | | | | | | | | | | | | | | | |
| KDNE 50-200/190/A/BAQE/1/2,2/4 M MCE22/C | | 11.8 | | | 11.7 | 11.6 | 11.4 | 10.8 | 10.1 | 8.9 | | | | | | | | | | | | | | |
| KDNE 50-200/180/A/BAQE/1/3/4 T MCE30/C | | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | | | |
| KDNE 50-200/200/A/BAQE/1/4/4 T MCE55/C | | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | | | |
| KDNE 50-250/220/A/BAQE/1/5,5/4 T MCE55/C | | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | | | |
| KDNE 65-125/130/A/BAQE/1/1,1/4 M MCE11/C | | 5.1 | | | | | 4.9 | 4.75 | 4.6 | 4.3 | 4.1 | 3.8 | 3.3 | 2.8 | | | | | | | | | | |
| KDNE 65-125/144/A/BAQE/1/1.5/4 M MCE15/C | | 6.4 | | | | | 6.35 | 6.25 | 6.2 | 5.9 | 5.7 | 5.4 | 5 | 4.65 | 4.2 | 3.7 | | | | | | | | |
| KDNE 65-160/137/A/BAQE/1/1,1/4 M MCE11/C | | 5.8 | | | | | 5.7 | 5.4 | 5.2 | 4.75 | 4.3 | 3.7 | | | | | | | | | | | | |
| KDNE 65-160/153/A/BAQE/1/1,5/4 M MCE15/C | | 7.3 | | | | | 7.2 | 7.2 | 6.9 | 6.7 | 6.3 | 5.8 | 5.25 | | | | | | | | | | | |
| KDNE 65-160/169/A/BAQE/1/2,2/4 M MCE22/C | | 9.1 | | | | | 9.1 | 9 | 8.9 | 8.7 | 8.4 | 8 | 7.6 | 7.1 | 6.4 | | | | | | | | | |
| KDNE 65-160/153/A/BAQE/1/3/4 T MCE30/C | | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | | | |
| KDNE 65-200/180/A/BAQE/1/2,2/4 M MCE22/C | | 10.4 | | | | 10.4 | 10.4 | 10.3 | 10.2 | 10 | 9.5 | 8.8 | 8.1 | | | | | | | | | | | |
| KDNE 65-200/170/A/BAQE/1/3/4 T MCE30/C | | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | | | |
| KDNE65-200/190/A/BAQE/1/5,5/4 T MCE55/C | | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | | | |
| KDNE 65-250/230/A/BAQE/1/7,5/4 T MCE110/C | | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | | | |
| KDNE 65-315/275/A/BAQE/1/15/4 T MCE150/C | | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | | | |
| KDNE 80-160/153/A/BAQE/1/2,2/4 M MCE22/C | | 7.3 | | | | | | | | 7.1 | 6.9 | 6.7 | 6.5 | 6.3 | 6 | 5.75 | 5.4 | 5.2 | 4.55 | 3.9 | 3.6 | | | |
| KDNE 80-160/147-127/A/BAQE/1/3/4 T MCE30/C | | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | | | |
| KDNE 80-160/153/A/BAQE/1/4/4 T MCE55/C | | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | | | |
| KDNE 80-200/170/A/BAQE/1/5,5/4 T MCE55/C | | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | | | |
| KDNE 80-200/190/A/BAQE/1/7,5/4 T MCE110/C | | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | | | |
| KDNE 80-250/220/A/BAQE/1/11/4 T MCE110/C | | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | | | |
| KDNE 80-250/240/A/BAQE/1/15/4 T MCE150/C | | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | | | |
| KDNE 100-200/190/A/BAQE/1/11/4 T MCE110/C | | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | | | |
| KDNE 100-250/220/A/BAQE/1/15/4 T MCE150/C | | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | | | |

H
(m)

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS



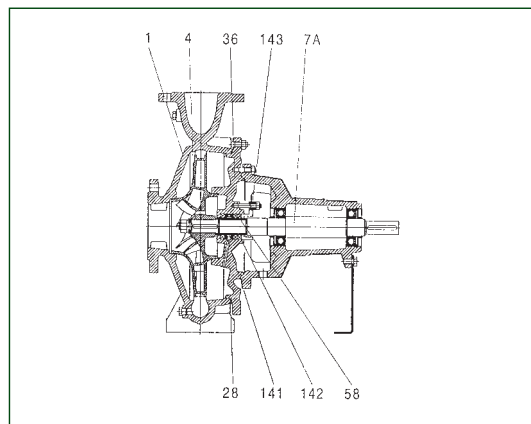
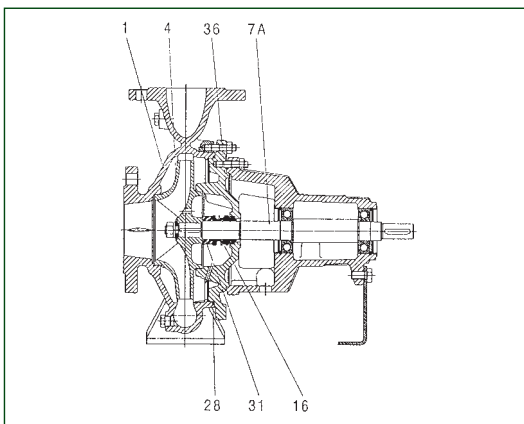
TECHNICAL DATA

STANDARD VERSION WITH MECHANICAL SEAL

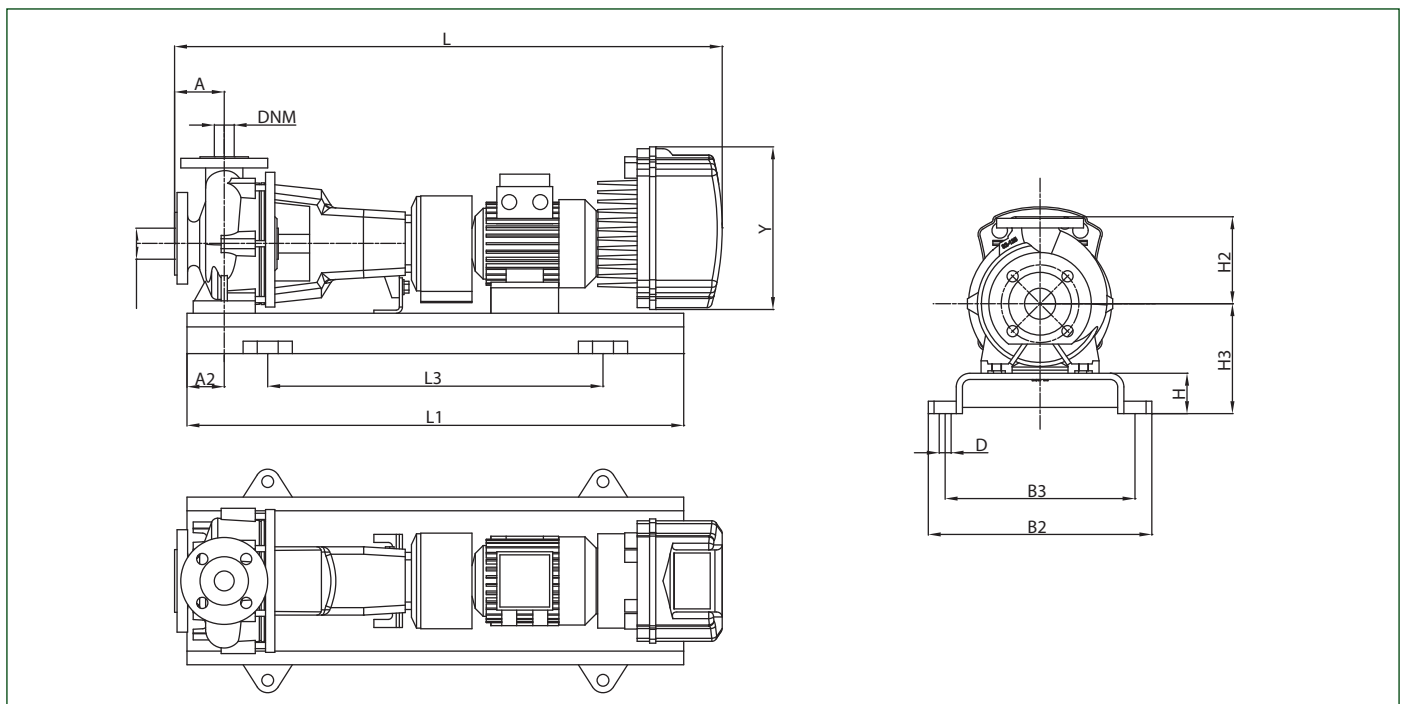
| No. | PARTS | MATERIALS |
|-----|-------------------|--------------------------------------|
| 1 | PUMP BODY | CAST IRON 250 UNI ISO 185 |
| 4 | IMPELLER | CAST IRON 200 UNI ISO 185 |
| 7A | PUMP SHAFT | AISI 420 STAINLESS STEEL UNI 6900/71 |
| 28 | OR RING | VITON |
| 36 | SEAL HOLDING DISC | CAST IRON 250 UNI ISO 185 |
| 16 | MECHANICAL SEAL | CARBON/SILICON CARBIDE |
| 31 | SEAL SPACER | AISI 304 STAINLESS STEEL UNI 6900/71 |

VERSION ON REQUEST WITH PACKING

| No. | PARTS | MATERIALS |
|-----|----------------|--------------------------------------|
| 58 | SEAL BUSHING | AISI 420 STAINLESS STEEL UNI 6900/71 |
| 141 | HYDRAULIC RING | AISI 304 STAINLESS STEEL UNI 6900/71 |
| 142 | STUFFING BOX | RAMIE IMPREGNATED PTFE |



DIMENSIONS



KDNE 4 POLES

STANDARDISED CENTRIFUGAL PUMPS ON SKID

| MODEL | A | A2 | H2 | H | H3 | L1 | L3 | B2 | B3 | D | Y | FLANGE DIMENS. (mm) | | STANDARD COUPLING | | DISTANCE COUPLING | |
|---|-----|----|-----|-----|-----|------|-----|-----|-----|----|-----|---------------------|-----|-------------------|-------------|-------------------|-------------|
| | | | | | | | | | | | | DNA | DNM | L | WEIGHT [Kg] | L | WEIGHT [Kg] |
| KDNE 32-125.1/140/A/BAQE/1/0,55/4 M MCE11/C | 80 | 60 | 140 | 65 | 177 | 800 | 540 | 360 | 320 | - | 262 | 50 | 32 | 937 | 87 | 1037 | 92 |
| KDNE 32-125/142/A/BAQE/1/0,75/4 M MCE11/C | 80 | 60 | 140 | 65 | 177 | 800 | 540 | 360 | 320 | 19 | 262 | 50 | 32 | 937 | 88 | 1037 | 93 |
| KDNE 32-160.1/177/A/BAQE/1/0.75/4 M MCE11/C | 80 | 60 | 160 | 65 | 197 | 800 | 540 | 360 | 320 | 19 | 262 | 50 | 32 | 937 | 90 | 1037 | 95 |
| KDNE 32-160/177/A/BAQE/1/1,1/4 M MCE11/C | 80 | 60 | 160 | 65 | 197 | 800 | 540 | 360 | 320 | 19 | 262 | 50 | 32 | 989 | 92 | 1089 | 97 |
| KDNE 32-200.1/207/A/BAQE/1/1.1/4 M MCE11/C | 80 | 60 | 180 | 65 | 225 | 800 | 540 | 360 | 320 | 19 | 262 | 50 | 32 | 989 | 110 | 1089 | 115 |
| KDNE 32-200/200/A/BAQE/1/1,1/4 M MCE11/C | 80 | 60 | 180 | 65 | 225 | 800 | 540 | 360 | 320 | 19 | 262 | 50 | 32 | 989 | 105 | 1089 | 110 |
| KDNE 32-200/219/A/BAQE/1/2,2/4 M MCE22/C | 80 | 60 | 180 | 65 | 225 | 900 | 600 | 390 | 350 | 19 | 262 | 50 | 32 | 1026 | 106 | 1126 | 111 |
| KDNE 40-125/142/A/BAQE/1/1.1/4 M MCE11/C | 80 | 60 | 140 | 65 | 177 | 800 | 540 | 360 | 320 | 19 | 262 | 65 | 40 | 989 | 90 | 1089 | 95 |
| KDNE 40-160/161/A/BAQE/1/1,1/4 M MCE11/C | 80 | 60 | 160 | 65 | 197 | 800 | 540 | 360 | 320 | 19 | 262 | 65 | 40 | 989 | 95 | 1089 | 100 |
| KDNE 40-160/177/A/BAQE/1/1,5/4 M MCE15/C | 80 | 60 | 160 | 65 | 197 | 900 | 600 | 390 | 350 | 19 | 262 | 65 | 40 | 989 | 105 | 1089 | 110 |
| KDNE 40-200/180/A/BAQE/1/1,1/4 M MCE11/C | 100 | 60 | 180 | 65 | 225 | 900 | 600 | 390 | 350 | 19 | 262 | 65 | 40 | 1009 | 105 | 1109 | 110 |
| KDNE 40-200/200/A/BAQE/1/1,5/4 M MCE15/C | 100 | 60 | 180 | 65 | 225 | 900 | 600 | 390 | 350 | 19 | 262 | 65 | 40 | 1009 | 109 | 1109 | 114 |
| KDNE 40-200/219/A/BAQE/1/2,2/4 M MCE22/C | 100 | 60 | 180 | 65 | 225 | 900 | 600 | 390 | 350 | 19 | 262 | 65 | 40 | 1046 | 115 | 1146 | 120 |
| KDNE 40-250/230/A/BAQE/1/2,2/4 M MCE22/C | 100 | 75 | 225 | 80 | 260 | 1000 | 660 | 450 | 400 | 24 | 262 | 65 | 40 | 1046 | 133 | 1146 | 138 |
| KDNE 40-250/220/A/BAQE/1/3/4 T MCE30/C | 100 | 75 | 225 | 80 | 260 | 1000 | 660 | 450 | 400 | 24 | 353 | 65 | 40 | 1046 | 158 | 1146 | 163 |
| KDNE 40-250/230/A/BAQE/1/4/4 T MCE55/C | 100 | 75 | 225 | 80 | 260 | 1000 | 660 | 450 | 400 | 24 | 353 | 65 | 40 | 1069 | 209 | 1169 | 214 |
| KDNE 50-125/139/A/BAQE/1/1,1/4 M MCE11/C | 100 | 60 | 160 | 65 | 197 | 800 | 540 | 360 | 320 | 19 | 262 | 65 | 50 | 1009 | 97 | 1109 | 102 |
| KDNE 50-125/144/A/BAQE/1/1,5/4 M MCE15/C | 100 | 60 | 160 | 65 | 197 | 900 | 600 | 390 | 350 | 19 | 262 | 65 | 50 | 1009 | 105 | 1109 | 110 |
| KDNE 50-160/137/A/BAQE/1/1,1/4 M MCE11/C | 100 | 60 | 180 | 65 | 225 | 900 | 600 | 390 | 350 | 19 | 262 | 65 | 50 | 1009 | 104 | 1109 | 109 |
| KDNE 50-160/153/A/BAQE/1/1,5/4 M MCE15/C | 100 | 60 | 180 | 65 | 225 | 900 | 600 | 390 | 350 | 19 | 262 | 65 | 50 | 1009 | 107 | 1109 | 112 |
| KDNE 50-160/169/A/BAQE/1/2,2/4 M MCE22/C | 100 | 60 | 180 | 65 | 225 | 900 | 600 | 390 | 350 | 19 | 262 | 65 | 50 | 1046 | 111 | 1146 | 116 |
| KDNE 50-160/161/A/BAQE/1/3/4 T MCE30/C | 100 | 60 | 180 | 65 | 225 | 900 | 600 | 390 | 350 | 19 | 353 | 65 | 50 | 1046 | 119 | 1146 | 124 |
| KDNE 50-200/170/A/BAQE/1/1,5/4 M MCE15/C | 100 | 60 | 200 | 65 | 225 | 900 | 600 | 390 | 350 | 19 | 262 | 65 | 50 | 1009 | 118 | 1109 | 123 |
| KDNE 50-200/190/A/BAQE/1/2,2/4 M MCE22/C | 100 | 60 | 200 | 65 | 225 | 900 | 600 | 390 | 350 | 19 | 262 | 65 | 50 | 1046 | 127 | 1146 | 132 |
| KDNE 50-200/180/A/BAQE/1/3/4 T MCE30/C | 100 | 60 | 200 | 65 | 225 | 900 | 600 | 390 | 350 | 19 | 353 | 65 | 50 | 1046 | 131 | 1146 | 136 |
| KDNE 50-200/200/A/BAQE/1/4/4 T MCE55/C | 100 | 60 | 200 | 65 | 225 | 900 | 600 | 390 | 350 | 19 | 353 | 65 | 50 | 1069 | 131 | 1169 | 136 |
| KDNE 50-250/220/A/BAQE/1/5,5/4 T MCE55/C | 100 | 75 | 225 | 80 | 260 | 1120 | 740 | 490 | 440 | 24 | 353 | 65 | 50 | 1179 | 182 | 1279 | 187 |
| KDNE 65-125/130/A/BAQE/1/1,1/4 M MCE11/C | 100 | 60 | 180 | 65 | 225 | 900 | 600 | 390 | 350 | 19 | 262 | 80 | 65 | 1009 | 104 | 1109 | 109 |
| KDNE 65-125/144/A/BAQE/1/1,5/4 M MCE15/C | 100 | 60 | 180 | 65 | 225 | 900 | 600 | 390 | 350 | 19 | 262 | 80 | 65 | 1009 | 107 | 1109 | 112 |
| KDNE 65-160/137/A/BAQE/1/1,1/4 M MCE11/C | 100 | 60 | 200 | 65 | 225 | 900 | 600 | 390 | 350 | 19 | 262 | 80 | 65 | 1009 | 107 | 1109 | 112 |
| KDNE 65-160/153/A/BAQE/1/1,5/4 M MCE15/C | 100 | 60 | 200 | 65 | 225 | 900 | 600 | 390 | 350 | 19 | 262 | 80 | 65 | 1009 | 118 | 1109 | 123 |
| KDNE 65-160/169/A/BAQE/1/2,2/4 M MCE22/C | 100 | 60 | 200 | 65 | 225 | 900 | 600 | 390 | 350 | 19 | 262 | 80 | 65 | 1046 | 118 | 1146 | 123 |
| KDNE 65-160/153/A/BAQE/1/3/4 T MCE30/C | 100 | 60 | 200 | 65 | 225 | 900 | 600 | 390 | 350 | 19 | 353 | 80 | 65 | 1046 | 157 | 1146 | 162 |
| KDNE 65-200/180/A/BAQE/1/2,2/4 M MCE22/C | 100 | 75 | 225 | 80 | 260 | 1120 | 740 | 490 | 440 | 24 | 262 | 80 | 65 | 1046 | 151 | 1146 | 156 |
| KDNE 65-200/170/A/BAQE/1/3/4 T MCE30/C | 100 | 75 | 225 | 80 | 260 | 1120 | 740 | 490 | 440 | 24 | 353 | 80 | 65 | 1046 | 159 | 1146 | 164 |
| KDNE65-200/190/A/BAQE/1/5,5/4 T MCE55/C | 100 | 75 | 225 | 80 | 260 | 1120 | 740 | 490 | 440 | 24 | 353 | 80 | 65 | 1179 | 209 | 1279 | 214 |
| KDNE 65-250/230/A/BAQE/1/7,5/4 T MCE110/C | 100 | 90 | 250 | 80 | 280 | 1120 | 740 | 490 | 440 | 24 | 426 | 80 | 65 | 1339 | 270 | 1479 | 275 |
| KDNE 65-315/275/A/BAQE/1/15/4 T MCE150/C | 125 | 90 | 280 | 100 | 325 | 1400 | 940 | 610 | 550 | 28 | 426 | 80 | 65 | 1519 | 310 | 1619 | 315 |
| KDNE 80-160/153/A/BAQE/1/2,2/4 M MCE22/C | 125 | 75 | 225 | 80 | 260 | 1000 | 660 | 450 | 400 | 24 | 262 | 100 | 80 | 1071 | 143 | 1171 | 148 |
| KDNE 80-160/147-127/A/BAQE/1/3/4 T MCE30/C | 125 | 75 | 225 | 80 | 260 | 1000 | 660 | 450 | 400 | 24 | 353 | 100 | 80 | 1071 | 147 | 1171 | 152 |
| KDNE 80-160/153/A/BAQE/1/4/4 T MCE55/C | 125 | 75 | 225 | 80 | 260 | 1000 | 660 | 450 | 400 | 24 | 353 | 100 | 80 | 1094 | 147 | 1194 | 152 |
| KDNE 80-200/170/A/BAQE/1/5,5/4 T MCE55/C | 125 | 75 | 250 | 80 | 260 | 1120 | 740 | 490 | 440 | 24 | 353 | 100 | 80 | 1314 | 197 | 1414 | 202 |
| KDNE 80-200/190/A/BAQE/1/7,5/4 T MCE110/C | 125 | 75 | 250 | 80 | 260 | 1120 | 740 | 490 | 440 | 24 | 426 | 100 | 80 | 1364 | 201 | 1464 | 206 |
| KDNE 80-250/220/A/BAQE/1/11/4 T MCE110/C | 125 | 90 | 280 | 80 | 280 | 1250 | 840 | 540 | 490 | 24 | 426 | 100 | 80 | 1519 | 271 | 1659 | 276 |
| KDNE 80-250/240/A/BAQE/1/15/4 T MCE150/C | 125 | 90 | 280 | 80 | 280 | 1250 | 840 | 540 | 490 | 24 | 426 | 100 | 80 | 1519 | 290 | 1659 | 295 |
| KDNE 100-200/190/A/BAQE/1/11/4 T MCE110/C | 125 | 90 | 280 | 80 | 280 | 1250 | 840 | 540 | 490 | 24 | 426 | 125 | 100 | 1474 | 320 | 1614 | 325 |
| KDNE 100-250/220/A/BAQE/1/15/4 T MCE150/C | 140 | 90 | 280 | 100 | 325 | 1400 | 940 | 610 | 550 | 28 | 426 | 125 | 100 | 1534 | 313 | 1674 | 318 |

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

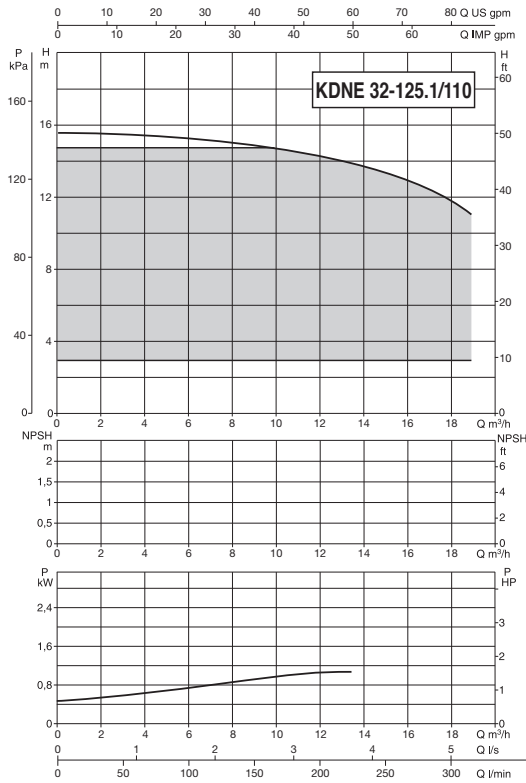
KDNE 2 POLES - Single-phase

STANDARDISED CENTRIFUGAL PUMPS ON SKID

For three-phase curves, see the corresponding model without inverter

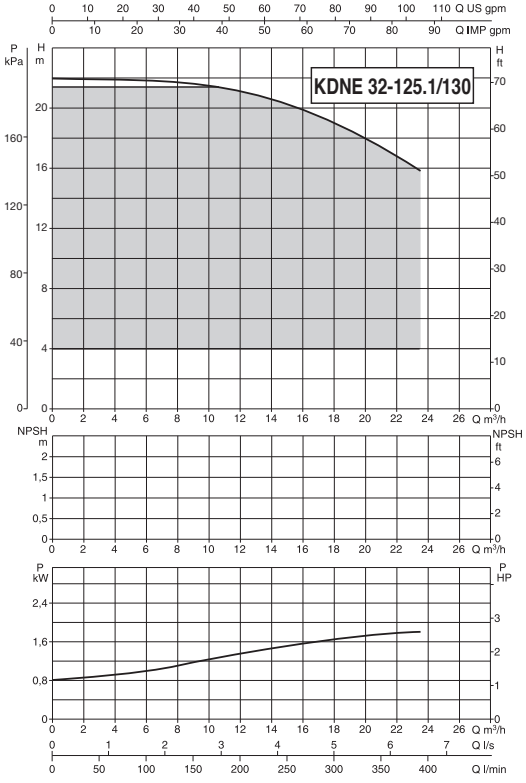
KDNE 32-125.1/110

≈ 3500 r.p.m.



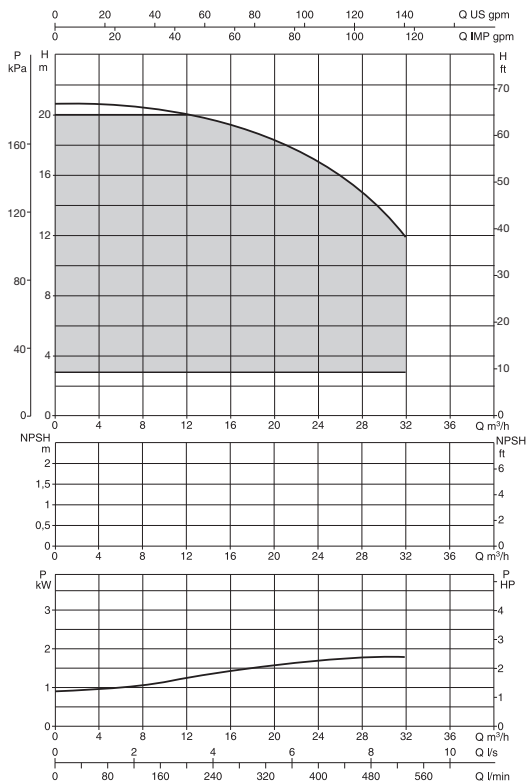
KDNE 32-125.1/130

≈ 3500 r.p.m.



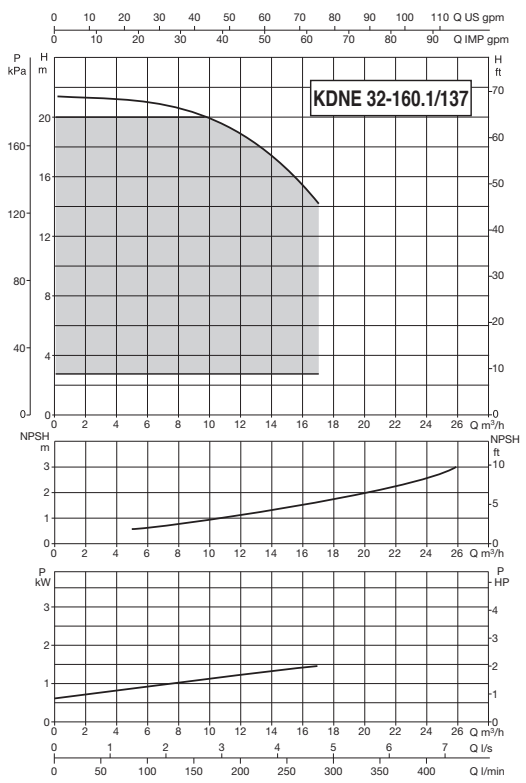
KDNE 32-125/125

≈ 3500 r.p.m.



KDNE 32-160.1/137

≈ 3500 r.p.m.



The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

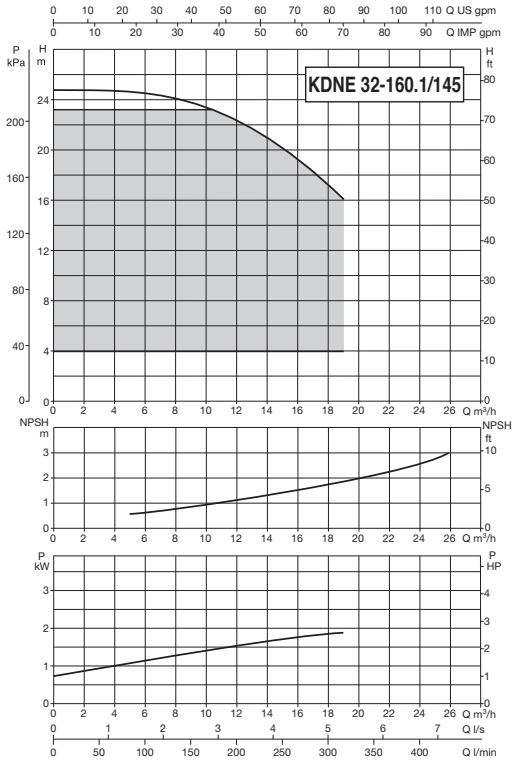
KDNE 2 POLES - Single-phase

STANDARDISED CENTRIFUGAL PUMPS ON SKID

For three-phase curves, see the corresponding model without inverter

KDNE 32-160.1/145

≅ 3500 r.p.m.



The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

STANDARDISED CENTRIFUGAL PUMPS ON SKID - KDNE 2 POLES

PERFORMANCE RANGE

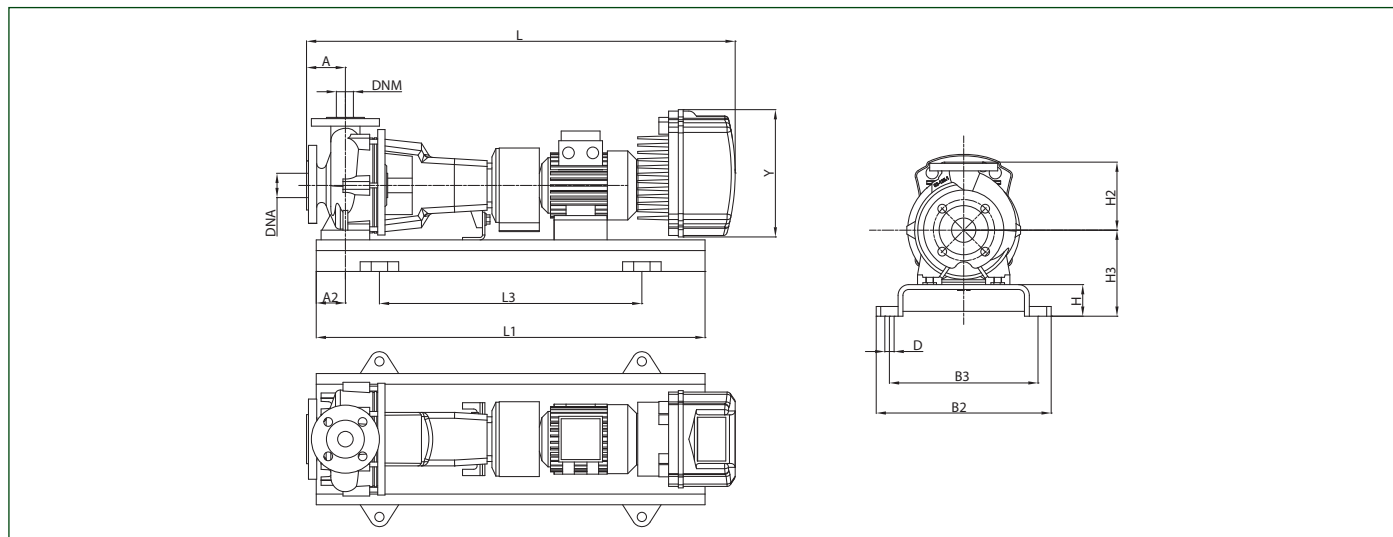
≅ 3500 r.p.m.

| MODEL | Q (m³/h) (l/min) | 0 | 6 | 12 | 18 | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | 72 | 78 | 84 | 90 | 102 | 114 | 120 | 150 | | |
|--|---------------------|--|------|------|------|------|------|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|--|--|
| | | 0 | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1700 | 1900 | 2000 | 2500 | | |
| KDNE 32-125.1/110/A/BAQE/1/1,5/2M MCE15/C | H (m) | 15.5 | 15.2 | 13.9 | 11.5 | | | | | | | | | | | | | | | | | | |
| KDNE 32-125.1/130/A/BAQE/1/2,2/2M MCE22/C | | 22.3 | 22.2 | 21.3 | 19 | | | | | | | | | | | | | | | | | | |
| KDNE 32-125.1/120/A/BAQE/1/3/2T MCE30/C | | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | | |
| KDNE 32-125/125/A/BAQE/1/2,2/2M MCE22/C | | 20.9 | | 20.1 | 18.9 | 16.9 | 13.5 | | | | | | | | | | | | | | | | |
| KDNE 32-125/115/A/BAQE/1/3/2T MCE30/C | | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | | |
| KDNE 32-125/125/A/BAQE/1/4/2T MCE55/C | | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | | |
| KDNE 32-160.1/137/A/BAQE/1/1,5/2M MCE15/C | | 21.5 | 21.2 | 19.3 | | | | | | | | | | | | | | | | | | | |
| KDNE 32-160.1/145/A/BAQE/1/2,2/2M MCE22/C | | 24.7 | 24.5 | 22.3 | 16.5 | | | | | | | | | | | | | | | | | | |
| KDNE 32-160.1/137/A/BAQE/1/3/2T MCE30/C | | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | | |
| KDNE 32-160.1/153/A/BAQE/1/5,5/2T MCE55/C | | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | | |
| KDNE 32-160/137/A/BAQE/1/5,5/2T MCE55/C | | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | | |
| KDNE 32-160/153/A/BAQE/1/7,5/2T MCE110/C | | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | | |
| KDNE 32-200.1/170/A/BAQE/1/5,5/2T MCE55/C | | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | | |
| KDNE 32-200.1/180/A/BAQE/1/7,5/2T MCE110/C | | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | | |
| KDNE 32-200/170/A/BAQE/1/7,5/2T MCE110/C | | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | | |
| KDNE 32-200/190/A/BAQE/1/11/2T MCE110/C | | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | | |
| KDNE 32-200/200/A/BAQE/1/15/2T MCE150/C | | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | | |
| KDNE 40-125/120/A/BAQE/1/5,5/2T MCE55/C | | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | | |
| KDNE 40-160/137/A/BAQE/1/7,5/2T MCE110/C | | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | | |
| KDNE 40-160/153/A/BAQE/1/11/2T MCE110/C | | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | | |
| KDNE 40-200/170/A/BAQE/1/11/2T MCE110/C | | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | | |
| KDNE 40-200/190/A/BAQE/1/15/2T MCE150/C | | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | | |
| KDNE 50-125/120/A/BAQE/1/7,5/2T MCE110/C | | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | | |
| KDNE 50-125/130/A/BAQE/1/11/2T MCE110/C | | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | | |
| KDNE 50-160/137/A/BAQE/1/11/2T MCE110/C | | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | | |
| KDNE 50-160/145/BAQE/1/15/2T MCE150/C | | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | | |
| KDNE 65-125/125/A/BAQE/1/11/2T MCE110/C | | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | | |
| KDNE 65-160/145/A/BAQE/1/15/2T MCE150/C | | For data, see the corresponding model without inverter | | | | | | | | | | | | | | | | | | | | | |

KDNE 2 POLES

STANDARDISED CENTRIFUGAL PUMPS ON SKID

DIMENSIONS



| MODEL | A | A2 | H2 | H | H3 | L1 | L3 | B2 | B3 | D | Y | FLANGE DIMENS. (mm) | | STANDARD COUPLING | | DISTANCE COUPLING | |
|--|-----|----|-----|----|-----|------|-----|-----|-----|----|-----|---------------------|-----|-------------------|-------------|-------------------|-------------|
| | | | | | | | | | | | | DNA | DNM | L | WEIGHT [Kg] | L | WEIGHT [Kg] |
| KDNE 32-125.1/110/A/BAQE/1/1,5/2M MCE15/C | 80 | 60 | 140 | 65 | 177 | 800 | 540 | 360 | 320 | | 262 | 50 | 32 | 989 | 97 | 1089 | 102 |
| KDNE 32-125.1/130/A/BAQE/1/2,2/2M MCE22/C | 80 | 60 | 140 | 65 | 177 | 900 | 600 | 390 | 350 | | 262 | 50 | 32 | 989 | 104 | 1089 | 109 |
| KDNE 32-125.1/120/A/BAQE/1/3/2T MCE30/C | 80 | 60 | 140 | 65 | 177 | 900 | 600 | 390 | 350 | | 353 | 50 | 32 | 1026 | 111 | 1126 | 116 |
| KDNE 32-125/125/A/BAQE/1/2,2/2M MCE22/C | 80 | 60 | 140 | 65 | 177 | 900 | 600 | 390 | 350 | 19 | 262 | 50 | 32 | 989 | 97 | 1089 | 102 |
| KDNE 32-125/115/A/BAQE/1/3/2T MCE30/C | 80 | 60 | 140 | 65 | 177 | 900 | 600 | 390 | 350 | 19 | 353 | 50 | 32 | 1026 | 105 | 1126 | 110 |
| KDNE 32-125/125/A/BAQE/1/4/2T MCE55/C | 80 | 60 | 140 | 65 | 177 | 900 | 600 | 390 | 350 | 19 | 353 | 50 | 32 | 1046 | 126 | 1146 | 131 |
| KDNE 32-160.1/137/A/BAQE/1/1,5/2M MCE15/C | 80 | 60 | 160 | 65 | 197 | 800 | 540 | 360 | 320 | 19 | 262 | 50 | 32 | 989 | 98 | 1089 | 103 |
| KDNE 32-160.1/145/A/BAQE/1/2,2/2M MCE22/C | 80 | 60 | 160 | 65 | 197 | 900 | 600 | 390 | 350 | 19 | 262 | 50 | 32 | 989 | 106 | 1089 | 111 |
| KDNE 32-160.1/137/A/BAQE/1/3/2T MCE30/C | 80 | 60 | 160 | 65 | 197 | 900 | 600 | 390 | 350 | 19 | 353 | 50 | 32 | 1026 | 111 | 1126 | 116 |
| KDNE 32-160.1/153/A/BAQE/1/5,5/2T MCE55/C | 80 | 60 | 160 | 80 | 212 | 1000 | 660 | 450 | 400 | 24 | 353 | 50 | 32 | 1159 | 145 | 1259 | 150 |
| KDNE 32-160/137/A/BAQE/1/5,5/2T MCE55/C | 80 | 60 | 160 | 80 | 212 | 1000 | 660 | 450 | 400 | 24 | 353 | 50 | 32 | 1159 | 145 | 1259 | 150 |
| KDNE 32-160/153/A/BAQE/1/7,5/2T MCE110/C | 80 | 60 | 160 | 80 | 212 | 1000 | 660 | 450 | 400 | 24 | 426 | 50 | 32 | 1209 | 152 | 1309 | 157 |
| KDNE 32-200.1/170/A/BAQE/1/5,5/2T MCE55/C | 80 | 60 | 180 | 80 | 240 | 1000 | 660 | 450 | 400 | 24 | 353 | 50 | 32 | 1159 | 152 | 1259 | 157 |
| KDNE 32-200.1/180/A/BAQE/1/7,5/2T MCE110/C | 80 | 60 | 180 | 80 | 240 | 1000 | 660 | 450 | 400 | 24 | 426 | 50 | 32 | 1209 | 179 | 1309 | 184 |
| KDNE 32-200/170/A/BAQE/1/7,5/2T MCE110/C | 80 | 60 | 180 | 80 | 240 | 1000 | 660 | 450 | 400 | 24 | 426 | 50 | 32 | 1209 | 190 | 1309 | 195 |
| KDNE 32-200/190/A/BAQE/1/11/2T MCE110/C | 80 | 60 | 180 | 80 | 240 | 1120 | 740 | 490 | 440 | 24 | 426 | 50 | 32 | 1319 | 250 | 1419 | 255 |
| KDNE 32-200/200/A/BAQE/1/15/2T MCE150/C | 80 | 60 | 180 | 80 | 240 | 1120 | 740 | 490 | 440 | 24 | 426 | 50 | 32 | 1319 | 261 | 1419 | 266 |
| KDNE 40-125/120/A/BAQE/1/5,5/2T MCE55/C | 80 | 60 | 140 | 80 | 212 | 1000 | 660 | 450 | 400 | 24 | 353 | 65 | 40 | 1159 | 143 | 1259 | 148 |
| KDNE 40-160/137/A/BAQE/1/7,5/2T MCE110/C | 80 | 60 | 160 | 80 | 212 | 1000 | 660 | 450 | 400 | 24 | 426 | 65 | 40 | 1209 | 178 | 1309 | 183 |
| KDNE 40-160/153/A/BAQE/1/11/2T MCE110/C | 80 | 60 | 160 | 80 | 240 | 1120 | 740 | 490 | 440 | 24 | 426 | 65 | 40 | 1319 | 186 | 1419 | 191 |
| KDNE 40-200/170/A/BAQE/1/11/2T MCE110/C | 100 | 60 | 180 | 80 | 240 | 1120 | 740 | 490 | 440 | 24 | 426 | 65 | 40 | 1339 | 234 | 1439 | 239 |
| KDNE 40-200/190/A/BAQE/1/15/2T MCE150/C | 100 | 60 | 180 | 80 | 240 | 1120 | 740 | 490 | 440 | 24 | 426 | 65 | 40 | 1339 | 244 | 1439 | 249 |
| KDNE 50-125/120/A/BAQE/1/7,5/2T MCE110/C | 100 | 60 | 160 | 80 | 212 | 1000 | 660 | 450 | 400 | 24 | 426 | 65 | 40 | 1229 | 156 | 1329 | 161 |
| KDNE 50-125/130/A/BAQE/1/11/2T MCE110/C | 100 | 60 | 160 | 80 | 240 | 1120 | 740 | 490 | 400 | 24 | 426 | 65 | 50 | 1339 | 156 | 1439 | 161 |
| KDNE 50-160/137/A/BAQE/1/11/2T MCE110/C | 100 | 60 | 180 | 80 | 240 | 1120 | 740 | 490 | 440 | 24 | 426 | 65 | 50 | 1339 | 201 | 1439 | 206 |
| KDNE 50-160/145/A/BAQE/1/15/2T MCE150/C | 100 | 60 | 180 | 80 | 240 | 1120 | 740 | 490 | 440 | 24 | 426 | 65 | 50 | 1339 | 213 | 1439 | 218 |
| KDNE 65-125/125/A/BAQE/1/11/2T MCE110/C | 100 | 60 | 180 | 80 | 240 | 1120 | 740 | 490 | 440 | 24 | 426 | 80 | 65 | 1339 | 188 | 1439 | 193 |
| KDNE 65-160/145/A/BAQE/1/15/2T MCE150/C | 100 | 60 | 200 | 80 | 240 | 1120 | 740 | 490 | 440 | 24 | 426 | 80 | 65 | 1339 | 233 | 1439 | 238 |

ACCESSORIES - COUNTERFLANGE KIT

| MODEL | COUNTERFLANGES AND SEALS | I | MATERIAL | PN |
|----------|--------------------------|--------------|-----------------|------------------|
| DN 32 | 1 x DN 32 + 1 x DN 50 | THREADED | STAINLESS STEEL | 16 |
| DN 40 | 1 x DN 40 + 1 x DN 65 | THREADED | STAINLESS STEEL | 16 |
| DN 50 | 1 x DN 50 + 1 x DN 65 | THREADED | STAINLESS STEEL | 16 |
| DN 65 | 1 x DN 65 + 1 x DN 80 | THREADED | STAINLESS STEEL | 16 |
| DN 32 | 1 x DN 32 + 1 x DN 50 | TO BE WELDED | STAINLESS STEEL | 16 |
| DN 40 | 1 x DN 40 + 1 x DN 65 | TO BE WELDED | STAINLESS STEEL | 16 |
| DN 50 | 1 x DN 50 + 1 x DN 65 | TO BE WELDED | STAINLESS STEEL | 16 |
| DN 50/1 | 1 x DN 50 + 1 x DN 80 | TO BE WELDED | STAINLESS STEEL | 16 |
| DN 65 | 1 x DN 65 + 1 x DN 80 | TO BE WELDED | STAINLESS STEEL | 16 |
| DN 65/1 | 1 x DN 65 + 1 x DN 100 | TO BE WELDED | STAINLESS STEEL | 16 |
| DN 80 | 1 x DN 80 + 1 x DN 100 | TO BE WELDED | STAINLESS STEEL | 16 |
| DN 80/1 | 1 x DN 80 + 1 x DN 125 | TO BE WELDED | STAINLESS STEEL | 16 |
| DN 100 | 1 x DN 100 + 1 x DN 125 | TO BE WELDED | STAINLESS STEEL | 16 |
| DN 125 | 1 x DN 125 + 1 x DN 150 | TO BE WELDED | STAINLESS STEEL | 16 |
| DN 150 | 1 x DN 150 + 1 x DN 200 | TO BE WELDED | STAINLESS STEEL | 16 (10 x DN 200) |
| DN 200 | 1 x DN 200 + 1 x DN 250 | TO BE WELDED | STAINLESS STEEL | 16 (10 x DN 200) |
| DN 250/1 | 1 x DN 200 + 1 x DN 250 | TO BE WELDED | STAINLESS STEEL | 16 |
| DN 300 | 1 x DN 300 + 1 x DN 350 | TO BE WELDED | STAINLESS STEEL | 16 |
| DN 350 | 1 x DN 350 + 1 x DN 400 | TO BE WELDED | STAINLESS STEEL | 16 |



The kit comprises suction and delivery counterflanges with the relative seals, screws and nuts required by the size of the pump to which it refers.

NKM-G / NKP-G

STANDARDISED ENBLOC CENTRIFUGAL PUMPS

CE Enbloc centrifugal electric pumps with integral shaft designed for a wide range of applications, such as:

- Water supply
- Circulation of hot water for central heating.
- Circulation of cold water for air conditioning and refrigerating.
- Transfer of liquids in agriculture, horticulture and industries.
- Implementation of pumping systems

Pump construction characteristics:

Single-stage, cast iron spiral body made to DIN-EN 733 (formerly DIN 24255), cast iron support, flanges in accordance with DIN 2533. Cast iron impeller, encased and dynamically balanced with compensation of the axial thrust by means of balancing holes, operating (on request) with interchangeable consumable rings. AISI 304 stainless steel pump shaft.

Seal: standardised mechanical seal made to DIN 24960 in carbon / carborundum with O' rings in EPDM.

Motor construction characteristics

Closed, asynchronous motor with external ventilation, 2 poles for NKP and 4 poles for NKM. Rotor mounted on oversized ball bearings to ensure silent running and long life. We recommend using overload protection for the motor, in accordance with current norms. In the case of liquids denser than water, the motors must be proportionally more powerful.

Built to IEC 2-3 standards

Protection level IP 55

Insulation level F

Speed of rotation 1450 - 2900 1/min.

Operating range

from 1 to 105 m³/h with head up to 96 metres.

Characteristics of pumped liquid clean, free from solids or abrasive substances, not viscous, not aggressive, not crystallised and chemically neutral and close to the characteristics of water.

Liquid temperature range

from -10°C to +140°C

Maximum ambient temperature +40°C

Maximum operating pressure

16 bar - 1600 kPa

Flanging PN 16 DIN 2533

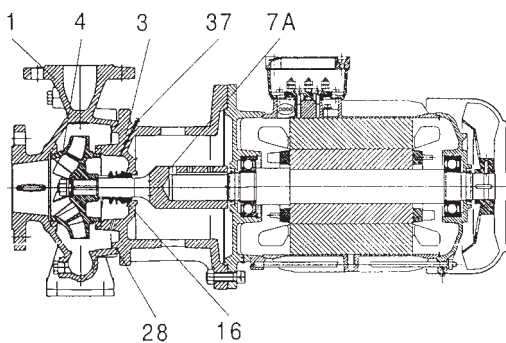
Installation normally horizontal or vertical provided the motor is always above the pump.

Special versions on request

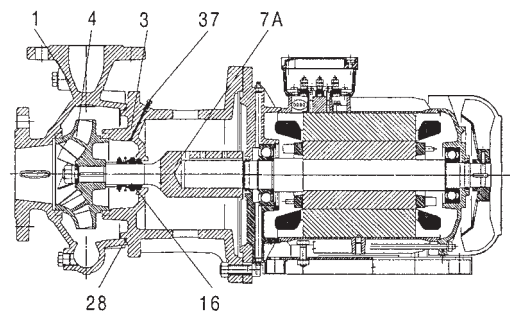
pumps for liquids other than water. Other voltages and/or frequencies.



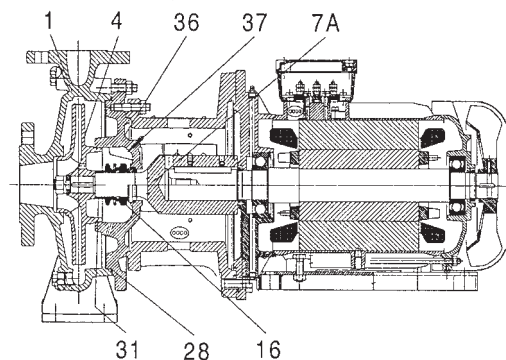
VERSION WITH MOTOR UP TO 7,5 KW INCLUDED



VERSION WITH MOTOR OVER 7,5 KW



VERSION FOR MODELS: NKM-G 65-315/309/A/BAQE/11/4, NKM-G100-315/316/A/BAQE/22/4, NKM-G125-250/243/A/BAQE/15/4, NKM-G 80-200/200/A/BAQE/4/4, NKM-G 80-250/270/A/BAQE/11/4, NKM-G 80-315/305/A/BAQE/15 /4, NKM-G 80-315/320/A/BAQE/18,5/4, NKM-G 80-315/334/A/BAQE/22/4, NKM-G100-250/250/A/BAQE/11/4, NKM-G150-200/218/A/BAQE/11/4



| No. | PARTS | MATERIALS (standard version) |
|-----|-------------------|--|
| 1 | PUMP BODY | CAST IRON 250 UNI ISO 185 |
| 3 | SUPPORT | CAST IRON 250 UNI ISO 185 |
| 4 | IMPELLER | CAST IRON 250 UNI ISO 185 |
| 7A | PUMP SHAFT | AISI 304 STAINLESS STEEL - UNI 6900/71 |
| 16 | MECHANICAL SEAL | CARBON/SILICON CARBIDE - EPDM |
| 28 | OR RING | EPDM |
| 31 | SEAL SPACER | AISI 304 STAINLESS STEEL - UNI 6900/71 |
| 36 | SEAL HOLDING DISC | CAST IRON 250 UNI ISO 185 |
| 37 | BLEED COCK | AISI 304 STAINLESS STEEL - UNI 6900/71 |

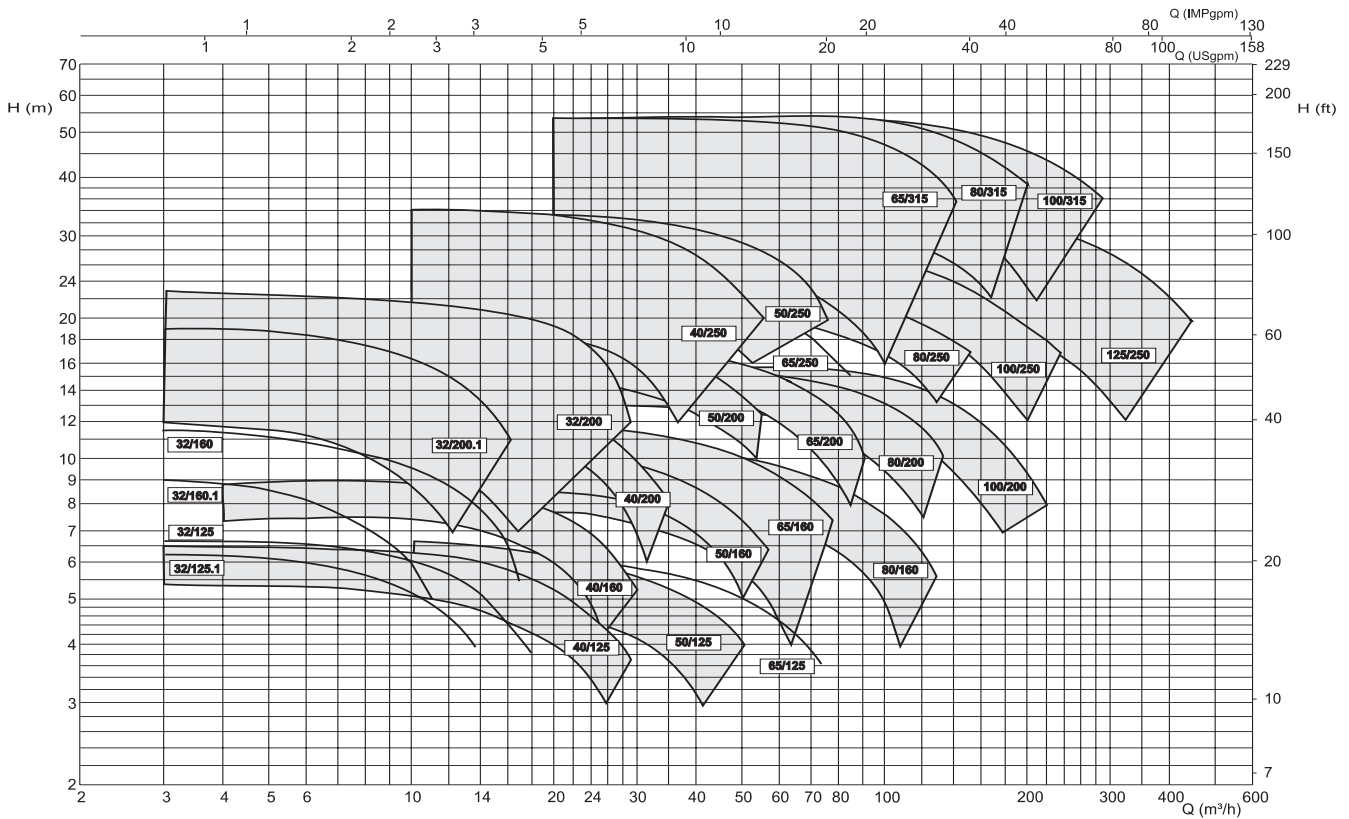
| No. | PARTS | MATERIALS (version on request) |
|-----|-----------------|---|
| 4 | IMPELLER | BRONZE GCuSn5Zn5Pb5 UNI 7013/8a-72 |
| 16 | MECHANICAL SEAL | SILICON CARBIDE/SILICON CARBIDE - EPDM SILICON CARBIDE/SILICON CARBIDE - VITON CARBON/SILICON CARBIDE - VITON |

NKM-G / NKP-G

STANDARDISED ENBLOC CENTRIFUGAL PUMPS

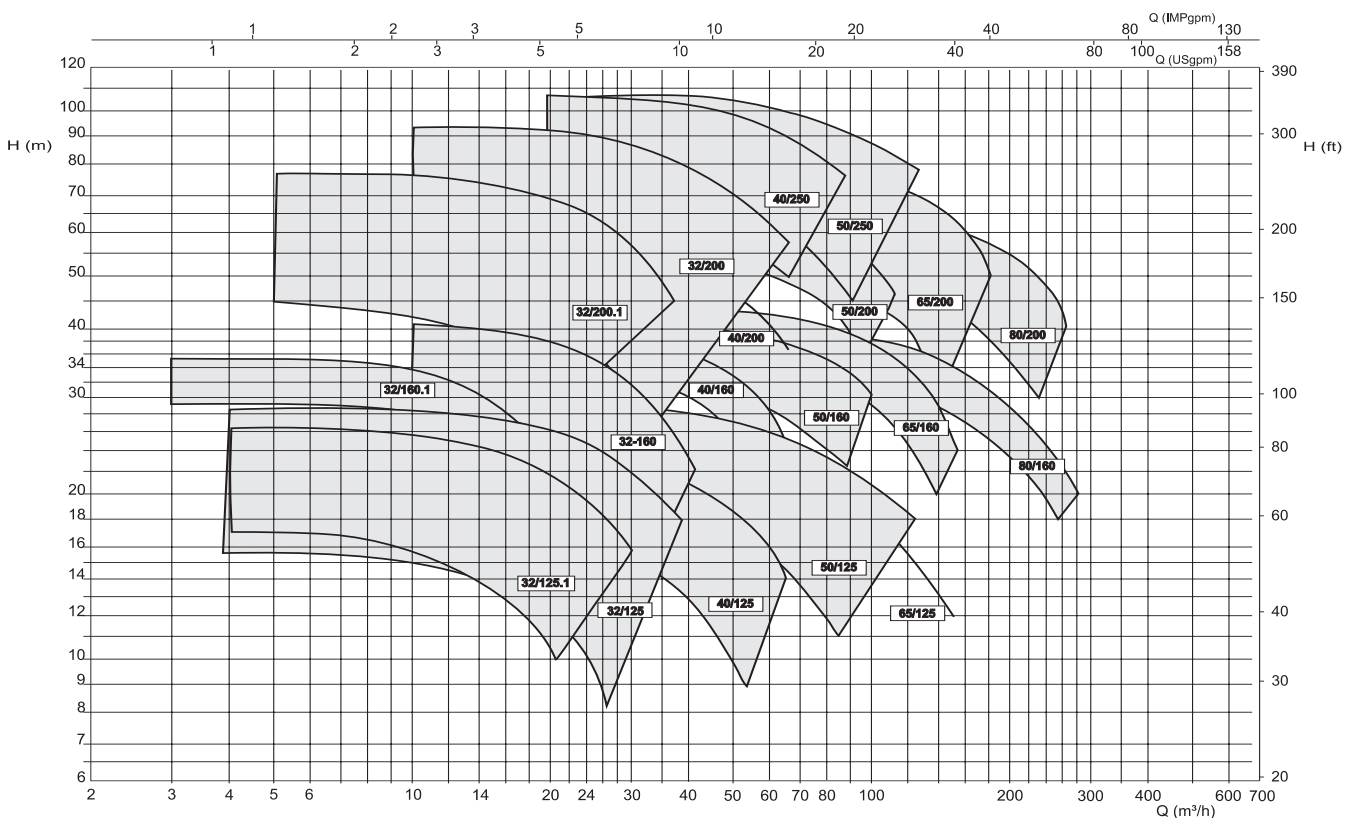
HYDRAULIC DATA NKM-G

4-POLES MOTOR (≈ 1750 r.p.m.)



HYDRAULIC DATA NKP-G

2-POLES MOTOR (≈ 3500 r.p.m.)



TECHNICAL DATA - NKM-G 4 POLES (1750 r.p.m.)

CAST IRON IMPELLER

| MODEL | ELECTRICAL DATA | | | | |
|------------------------------------|-----------------|-------------|-----------------------|------------|------|
| | N° POLES | ENGINE SIZE | VOLTAGE 60 Hz | P2 NOMINAL | |
| | | | | KW | HP |
| NKM-G 32-125.1/115/A/BAQE /0.25/4 | 4 | MEC 71 | 3x220-277/380-480 V ~ | 0,25 | 0,33 |
| NKM-G 32-125/120/A/BAQE /0.37/4 | 4 | MEC 71 | 3x220-277/380-480 V ~ | 0,37 | 0,5 |
| NKM-G 32-160.1 145/A/ BAQE /0.37/4 | 4 | MEC 71 | 3x220-277/380-480 V ~ | 0,37 | 0,5 |
| NKM-G 32-160/139 /A/ BAQE /0,55/4 | 4 | MEC 80 | 3x220-277/380-480 V ~ | 0,55 | 0,75 |
| NKM-G 32-200.1 168/A/ BAQE /0,55/4 | 4 | MEC 80 | 3x220-277/380-480 V ~ | 0,55 | 0,75 |
| NKM-G 32-200.1 180/A/ BAQE /0,75/4 | 4 | MEC 80 | 3x220-277/380-480 V ~ | 0,75 | 1 |
| NKM-G 32-200.1 203/A/ BAQE /1,1/4 | 4 | MEC 90S | 3x220-277/380-480 V ~ | 1,1 | 1,5 |
| NKM-G 32-200/168/A/BAQE /0,75/4 | 4 | MEC 80 | 3x220-277/380-480 V ~ | 0,75 | 1 |
| NKM-G 32-200/185/A/BAQE /1,1/4 | 4 | MEC 90S | 3x220-277/380-480 V ~ | 1,1 | 1,5 |
| NKM-G 32-200/200/A/BAQE /1,5 /4 | 4 | MEC 90L | 3x220-277/380-480 V ~ | 1,5 | 2 |
| NKM-G 32-200/219/A/BAQE /2,2 /4 | 4 | MEC 100L | 3x220-277/380-480 V ~ | 2,2 | 3 |
| NKM-G 40-125/110/A/BAQE /0.37 /4 | 4 | MEC 71 | 3x220-277/380-480 V ~ | 0,37 | 0,5 |
| NKM-G 40-125/120/A/BAQE /0.55 /4 | 4 | MEC 80 | 3x220-277/380-480 V ~ | 0,55 | 0,75 |
| NKM-G 40-160/130/A/BAQE /0.55 /4 | 4 | MEC 80 | 3x220-277/380-480 V ~ | 0,55 | 0,75 |
| NKM-G 40-160/140/A/BAQE /0.75 /4 | 4 | MEC 80 | 3x220-277/380-480 V ~ | 0,75 | 1 |
| NKM-G 40-200/168/A/BAQE /1,1 /4 | 4 | MEC 90S | 3x220-277/380-480 V ~ | 1,1 | 1,5 |
| NKM-G 40-200/182/A/BAQE /1,5 /4 | 4 | MEC 90L | 3x220-277/380-480 V ~ | 1,5 | 2 |
| NKM-G 40-250/204/A/BAQE /2,2 /4 | 4 | MEC 100L | 3x220-277/380-480 V ~ | 2,2 | 3 |
| NKM-G 40-250/224/A/BAQE /3 /4 | 4 | MEC 100L | 3x220-277/380-480 V ~ | 3 | 4 |
| NKM-G 40-250/240/A/BAQE /4 /4 | 4 | MEC 112M | 3x220-277/380-480 V ~ | 4 | 5,5 |
| NKM-G 40-250/260/A/BAQE /5,5 /4 | 4 | MEC 132S | 3x220-277/380-480 V ~ | 5,5 | 7,5 |
| NKM-G 50-125/110/A/BAQE /0.55 /4 | 4 | MEC 80 | 3x220-277/380-480 V ~ | 0,55 | 0,75 |
| NKM-G 50-125/122/A/BAQE /0.75 /4 | 4 | MEC 80 | 3x220-277/380-480 V ~ | 0,75 | 1 |
| NKM-G 50-160/137/A/BAQE /1.1 /4 | 4 | MEC 90S | 3x220-277/380-480 V ~ | 1,1 | 1,5 |
| NKM-G 50-160/148/A/BAQE /1,5 /4 | 4 | MEC 90L | 3x220-277/380-480 V ~ | 1,5 | 2 |
| NKM-G 50-200/180/A/BAQE /2,2 /4 | 4 | MEC 100L | 3x220-277/380-480 V ~ | 2,2 | 3 |
| NKM-G 50-200/200/A/BAQE /3 /4 | 4 | MEC 100L | 3x220-277/380-480 V ~ | 3 | 4 |
| NKM-G 50-250/220/A/BAQE /4 /4 | 4 | MEC 112M | 3x220-277/380-480 V ~ | 4 | 5,5 |
| NKM-G 50-250/250/A/BAQE /5,5 /4 | 4 | MEC 132S | 3x220-277/380-480 V ~ | 5,5 | 7,5 |
| NKM-G 50-250/263/A/BAQE /7,5 /4 | 4 | MEC 132M | 3x220-277/380-480 V ~ | 7,5 | 10 |
| NKM-G 65-125/120/A/BAQE /1.1 /4 | 4 | MEC 90S | 3x220-277/380-480 V ~ | 1,1 | 1,5 |

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

NKM-G

STANDARDISED ENBLOC CENTRIFUGAL PUMPS

| MODEL | ELECTRICAL DATA | | | | |
|-------------------------------------|-----------------|-------------|-----------------------|------------|-----|
| | N° POLES | ENGINE SIZE | VOLTAGE 60 Hz | P2 NOMINAL | |
| | | | | KW | HP |
| NKM-G 65-160/132/A/BAQE /1,1 /4 | 4 | MEC 90S | 3x220-277/380-480 V ~ | 1,1 | 1,5 |
| NKM-G 65-160/145/A/BAQE /1,5 /4 | 4 | MEC 90L | 3x220-277/380-480 V ~ | 1,5 | 2 |
| NKM-G 65-160/159/A/BAQE /2,2 /4 | 4 | MEC 100L | 3x220-277/380-480 V ~ | 2,2 | 3 |
| NKM-G 65-200/177/A/BAQE /3 /4 | 4 | MEC 100L | 3x220-277/380-480 V ~ | 3 | 4 |
| NKM-G 65-200/190/A/BAQE /4 /4 | 4 | MEC 112M | 3x220-277/380-480 V ~ | 4 | 5,5 |
| NKM-G 65-250/220/A/BAQE /5,5 /4 | 4 | MEC 132S | 3x220-277/380-480 V ~ | 5,5 | 7,5 |
| NKM-G 65-315/240/A/BAQE /7,5 /4 | 4 | MEC 132M | 3x220-277/380-480 V ~ | 7,5 | 10 |
| NKM-G 65-315/265/A/BAQE /11/4 | 4 | MEC 160M | 3x220-277/380-480 V ~ | 11 | 15 |
| NKM-G 65-315/296/A/BAQE /15 /4 | 4 | MEC 160L | 3x220-277/380-480 V ~ | 15 | 20 |
| NKM-G 65-315/309/A/BAQE /18,5 /4 | 4 | MEC 180M | 3x220-277/380-480 V ~ | 18,5 | 25 |
| NKM-G 65-315/320/A/BAQE /22 /4 | 4 | MEC 180L | 3x220-277/380-480 V ~ | 22 | 30 |
| NKM-G 80-160/147-127/A/BAQE /2,2 /4 | 4 | MEC 100L | 3x220-277/380-480 V ~ | 2,2 | 3 |
| NKM-G 80-160/153/A/BAQE /3 /4 | 4 | MEC 100L | 3x220-277/380-480 V ~ | 3 | 4 |
| NKM-G 80-200/166/A/BAQE /4 /4 | 4 | MEC 112M | 3x220-277/380-480 V ~ | 4 | 5,5 |
| NKM-G 80-200/180/A/BAQE /5,5 /4 | 4 | MEC 132S | 3x220-277/380-480 V ~ | 5,5 | 7,5 |
| NKM-G 80-250/207/A/BAQE /7,5 /4 | 4 | MEC 132M | 3x220-277/380-480 V ~ | 7,5 | 10 |
| NKM-G 80-250/230/A/BAQE /11 /4 | 4 | MEC 160M | 3x220-277/380-480 V ~ | 11 | 15 |
| NKM-G 80-315/257/A/BAQE /15 /4 | 4 | MEC 160L | 3x220-277/380-480 V ~ | 15 | 20 |
| NKM-G 80-315/275/A/BAQE /18,5 /4 | 4 | MEC 180M | 3x220-277/380-480 V ~ | 18,5 | 25 |
| NKM-G 80-315/290/A/BAQE /22 /4 | 4 | MEC 180L | 3x220-277/380-480 V ~ | 22 | 30 |
| NKM-G 80-315/323/A/BAQE /30 /4 | 4 | MEC 200L | 3x220-277/380-480 V ~ | 30 | 40 |
| NKM-G100-200/171/A/BAQE /5,5 /4 | 4 | MEC 132S | 3x220-277/380-480 V ~ | 5,5 | 7,5 |
| NKM-G100-200/184/A/BAQE / 7.5 /4 | 4 | MEC 132M | 3x220-277/380-480 V ~ | 7,5 | 10 |
| NKM-G100-250/211/A/BAQE /11 /4 | 4 | MEC 160M | 3x220-277/380-480 V ~ | 11 | 15 |
| NKM-G100-250/233/A/BAQE /15 /4 | 4 | MEC 160L | 3x220-277/380-480 V ~ | 15 | 20 |
| NKM-G100-315/256/A/BAQE /18,5 /4 | 4 | MEC 180M | 3x220-277/380-480 V ~ | 18,5 | 25 |
| NKM-G100-315/268/A/BAQE /22 /4 | 4 | MEC 180L | 3x220-277/380-480 V ~ | 22 | 30 |
| NKM-G100-315/303/A/BAQE /30 /4 | 4 | MEC 200L | 3x220-277/380-480 V ~ | 30 | 40 |
| NKM-G100-315/316/A/BAQE /37 /4 | 4 | MEC 225S | 380/480 Δ | 37 | 50 |
| NKM-G125-250/210/A/BAQE /15 /4 | 4 | MEC 160L | 3x220-277/380-480 V ~ | 15 | 20 |
| NKM-G125-250/220/A/BAQE /18,5 /4 | 4 | MEC 180M | 3x220-277/380-480 V ~ | 18,5 | 25 |
| NKM-G125-250/234/A/BAQE /22 /4 | 4 | MEC 180L | 3x220-277/380-480 V ~ | 22 | 30 |
| NKM-G125-250/257/A/BAQE /30 /4 | 4 | MEC 200L | 3x220-277/380-480 V ~ | 30 | 40 |

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

TECHNICAL DATA - NKM-G 4 POLES (1750 r.p.m.)

BRONZE IMPELLER

| MODEL | ELECTRICAL DATA | | | | |
|------------------------------------|-----------------|-------------|-----------------------|------------|------|
| | N° POLES | ENGINE SIZE | VOLTAGE 60 Hz | P2 NOMINAL | |
| | | | | KW | HP |
| NKM-G 32-125.1/115/A/BAQE /0.25/4 | 4 | MEC 71 | 3x220-277/380-480 V ~ | 0,25 | 0,33 |
| NKM-G 32-125/120/A/BAQE /0.37/4 | 4 | MEC 71 | 3x220-277/380-480 V ~ | 0,37 | 0,5 |
| NKM-G 32-160.1 145/A/ BAQE /0.37/4 | 4 | MEC 71 | 3x220-277/380-480 V ~ | 0,37 | 0,5 |
| NKM-G 32-160/139 /A/ BAQE /0,55/4 | 4 | MEC 80 | 3x220-277/380-480 V ~ | 0,55 | 0,75 |
| NKM-G 32-200.1 168/A/ BAQE /0,55/4 | 4 | MEC 80 | 3x220-277/380-480 V ~ | 0,55 | 0,75 |
| NKM-G 32-200.1 180/A/ BAQE /0,75/4 | 4 | MEC 80 | 3x220-277/380-480 V ~ | 0,75 | 1 |
| NKM-G 32-200.1 203/A/ BAQE /1,1/4 | 4 | MEC 90S | 3x220-277/380-480 V ~ | 1,1 | 1,5 |
| NKM-G 32-200/168/A/BAQE /0,75/4 | 4 | MEC 80 | 3x220-277/380-480 V ~ | 0,75 | 1 |
| NKM-G 32-200/185/A/BAQE /1,1/4 | 4 | MEC 90S | 3x220-277/380-480 V ~ | 1,1 | 1,5 |
| NKM-G 32-200/200/A/BAQE /1,5 /4 | 4 | MEC 90L | 3x220-277/380-480 V ~ | 1,5 | 2 |
| NKM-G 32-200/219/A/BAQE /2,2 /4 | 4 | MEC 100L | 3x220-277/380-480 V ~ | 2,2 | 3 |
| NKM-G 40-125/110/A/BAQE /0.37 /4 | 4 | MEC 71 | 3x220-277/380-480 V ~ | 0,37 | 0,5 |
| NKM-G 40-125/120/A/BAQE /0.55 /4 | 4 | MEC 80 | 3x220-277/380-480 V ~ | 0,55 | 0,75 |
| NKM-G 40-160/130/A/BAQE /0.55 /4 | 4 | MEC 80 | 3x220-277/380-480 V ~ | 0,55 | 0,75 |
| NKM-G 40-160/140/A/BAQE /0.75 /4 | 4 | MEC 80 | 3x220-277/380-480 V ~ | 0,75 | 1 |
| NKM-G 40-200/168/A/BAQE /1,1 /4 | 4 | MEC 90S | 3x220-277/380-480 V ~ | 1,1 | 1,5 |
| NKM-G 40-200/182/A/BAQE /1,5 /4 | 4 | MEC 90L | 3x220-277/380-480 V ~ | 1,5 | 2 |
| NKM-G 40-250/204/A/BAQE /2,2 /4 | 4 | MEC 100L | 3x220-277/380-480 V ~ | 2,2 | 3 |
| NKM-G 40-250/224/A/BAQE /3 /4 | 4 | MEC 100L | 3x220-277/380-480 V ~ | 3 | 4 |
| NKM-G 40-250/240/A/BAQE /4 /4 | 4 | MEC 112M | 3x220-277/380-480 V ~ | 4 | 5,5 |
| NKM-G 40-250/260/A/BAQE /5,5 /4 | 4 | MEC 132S | 3x220-277/380-480 V ~ | 5,5 | 7,5 |
| NKM-G 50-125/110/A/BAQE /0.55 /4 | 4 | MEC 80 | 3x220-277/380-480 V ~ | 0,55 | 0,75 |
| NKM-G 50-125/122/A/BAQE /0.75 /4 | 4 | MEC 80 | 3x220-277/380-480 V ~ | 0,75 | 1 |
| NKM-G 50-160/137/A/BAQE /1.1 /4 | 4 | MEC 90S | 3x220-277/380-480 V ~ | 1,1 | 1,5 |
| NKM-G 50-160/148/A/BAQE /1,5 /4 | 4 | MEC 90L | 3x220-277/380-480 V ~ | 1,5 | 2 |
| NKM-G 50-200/180/A/BAQE /2,2 /4 | 4 | MEC 100L | 3x220-277/380-480 V ~ | 2,2 | 3 |
| NKM-G 50-200/200/A/BAQE /3 /4 | 4 | MEC 100L | 3x220-277/380-480 V ~ | 3 | 4 |
| NKM-G 50-250/220/A/BAQE /4 /4 | 4 | MEC 112M | 3x220-277/380-480 V ~ | 4 | 5,5 |
| NKM-G 50-250/250/A/BAQE /5,5 /4 | 4 | MEC 132S | 3x220-277/380-480 V ~ | 5,5 | 7,5 |
| NKM-G 50-250/263/A/BAQE /7,5 /4 | 4 | MEC 132M | 3x220-277/380-480 V ~ | 7,5 | 10 |
| NKM-G 65-125/120/A/BAQE /1.1 /4 | 4 | MEC 90S | 3x220-277/380-480 V ~ | 1,1 | 1,5 |

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

NKM-G

STANDARDISED ENBLOC CENTRIFUGAL PUMPS

| MODEL | ELECTRICAL DATA | | | | |
|-------------------------------------|-----------------|-------------|-----------------------|------------|-----|
| | N° POLES | ENGINE SIZE | VOLTAGE 60 Hz | P2 NOMINAL | |
| | | | | KW | HP |
| NKM-G 65-160/132/A/BAQE /1,1 /4 | 4 | MEC 90S | 3x220-277/380-480 V ~ | 1,1 | 1,5 |
| NKM-G 65-160/145/A/BAQE /1,5 /4 | 4 | MEC 90L | 3x220-277/380-480 V ~ | 1,5 | 2 |
| NKM-G 65-160/159/A/BAQE /2,2 /4 | 4 | MEC 100L | 3x220-277/380-480 V ~ | 2,2 | 3 |
| NKM-G 65-200/177/A/BAQE /3 /4 | 4 | MEC 100L | 3x220-277/380-480 V ~ | 3 | 4 |
| NKM-G 65-200/190/A/BAQE /4 /4 | 4 | MEC 112M | 3x220-277/380-480 V ~ | 4 | 5,5 |
| NKM-G 65-250/220/A/BAQE /5,5 /4 | 4 | MEC 132S | 3x220-277/380-480 V ~ | 5,5 | 7,5 |
| NKM-G 65-315/240/A/BAQE /7,5 /4 | 4 | MEC 132M | 3x220-277/380-480 V ~ | 7,5 | 10 |
| NKM-G 65-315/265/A/BAQE /11/4 | 4 | MEC 160M | 3x220-277/380-480 V ~ | 11 | 15 |
| NKM-G 65-315/296/A/BAQE /15 /4 | 4 | MEC 160L | 3x220-277/380-480 V ~ | 15 | 20 |
| NKM-G 65-315/309/A/BAQE /18,5 /4 | 4 | MEC 180M | 3x220-277/380-480 V ~ | 18,5 | 25 |
| NKM-G 65-315/320/A/BAQE /22 /4 | 4 | MEC 180L | 3x220-277/380-480 V ~ | 22 | 30 |
| NKM-G 80-160/147-127/A/BAQE /2,2 /4 | 4 | MEC 100L | 3x220-277/380-480 V ~ | 2,2 | 3 |
| NKM-G 80-160/153/A/BAQE /3 /4 | 4 | MEC 100L | 3x220-277/380-480 V ~ | 3 | 4 |
| NKM-G 80-200/166/A/BAQE /4 /4 | 4 | MEC 112M | 3x220-277/380-480 V ~ | 4 | 5,5 |
| NKM-G 80-200/180/A/BAQE /5,5 /4 | 4 | MEC 132S | 3x220-277/380-480 V ~ | 5,5 | 7,5 |
| NKM-G 80-250/207/A/BAQE /7,5 /4 | 4 | MEC 132M | 3x220-277/380-480 V ~ | 7,5 | 10 |
| NKM-G 80-250/230/A/BAQE /11 /4 | 4 | MEC 160M | 3x220-277/380-480 V ~ | 11 | 15 |
| NKM-G 80-315/257/A/BAQE /15 /4 | 4 | MEC 160L | 3x220-277/380-480 V ~ | 15 | 20 |
| NKM-G 80-315/275/A/BAQE /18,5 /4 | 4 | MEC 180M | 3x220-277/380-480 V ~ | 18,5 | 25 |
| NKM-G 80-315/290/A/BAQE /22 /4 | 4 | MEC 180L | 3x220-277/380-480 V ~ | 22 | 30 |
| NKM-G 80-315/323/A/BAQE /30 /4 | 4 | MEC 200L | 3x220-277/380-480 V ~ | 30 | 40 |
| NKM-G100-200/171/A/BAQE /5.5 /4 | 4 | MEC 132S | 3x220-277/380-480 V ~ | 5,5 | 7,5 |
| NKM-G100-200/184/A/BAQE / 7.5 /4 | 4 | MEC 132M | 3x220-277/380-480 V ~ | 7,5 | 10 |
| NKM-G100-250/211/A/BAQE /11 /4 | 4 | MEC 160M | 3x220-277/380-480 V ~ | 11 | 15 |
| NKM-G100-250/233/A/BAQE /15 /4 | 4 | MEC 160L | 3x220-277/380-480 V ~ | 15 | 20 |
| NKM-G100-315/256/A/BAQE /18,5 /4 | 4 | MEC 180M | 3x220-277/380-480 V ~ | 18,5 | 25 |
| NKM-G100-315/268/A/BAQE /22 /4 | 4 | MEC 180L | 3x220-277/380-480 V ~ | 22 | 30 |
| NKM-G100-315/303/A/BAQE /30 /4 | 4 | MEC 200L | 3x220-277/380-480 V ~ | 30 | 40 |
| NKM-G100-315/316/A/BAQE /37 /4 | 4 | MEC 225S | 380/480 Δ | 37 | 50 |
| NKM-G125-250/210/A/BAQE /15 /4 | 4 | MEC 160L | 3x220-277/380-480 V ~ | 15 | 20 |
| NKM-G125-250/220/A/BAQE /18,5 /4 | 4 | MEC 180M | 3x220-277/380-480 V ~ | 18,5 | 25 |
| NKM-G125-250/234/A/BAQE /22 /4 | 4 | MEC 180L | 3x220-277/380-480 V ~ | 22 | 30 |
| NKM-G125-250/257/A/BAQE /30 /4 | 4 | MEC 200L | 3x220-277/380-480 V ~ | 30 | 40 |

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

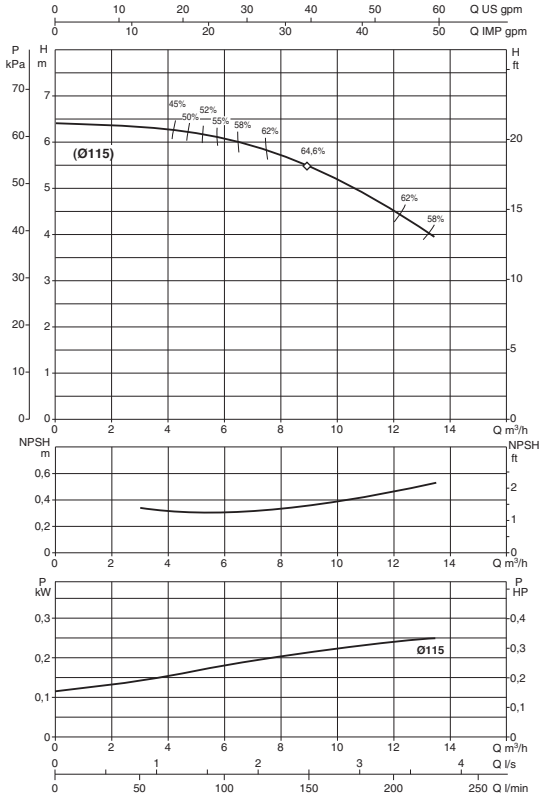
PRESSURE UNITS

The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

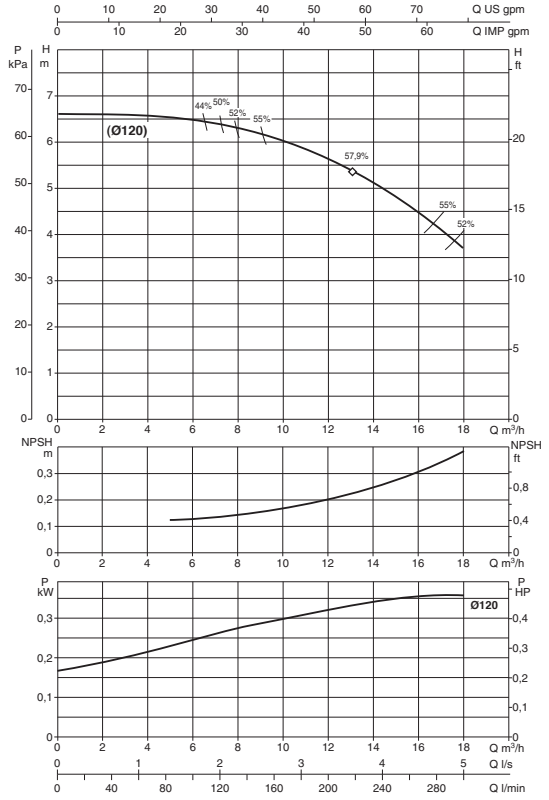
HYDRAULIC DATA

NKM-G 32-125.1

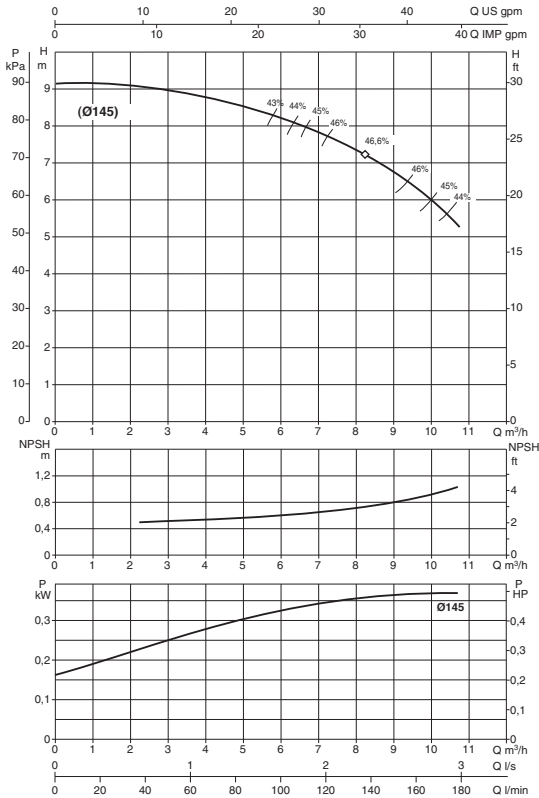
4-POLES MOTOR(≅ 1750 r.p.m.)



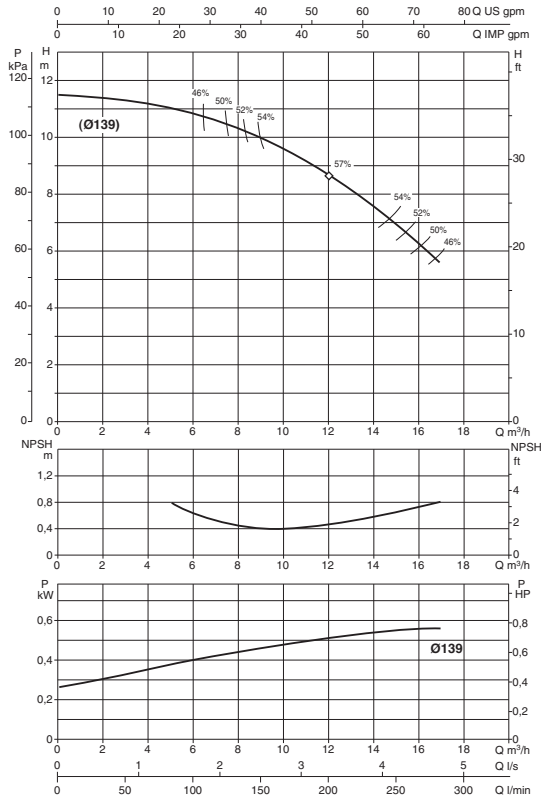
NKM-G 32-125



NKM-G 32-160.1



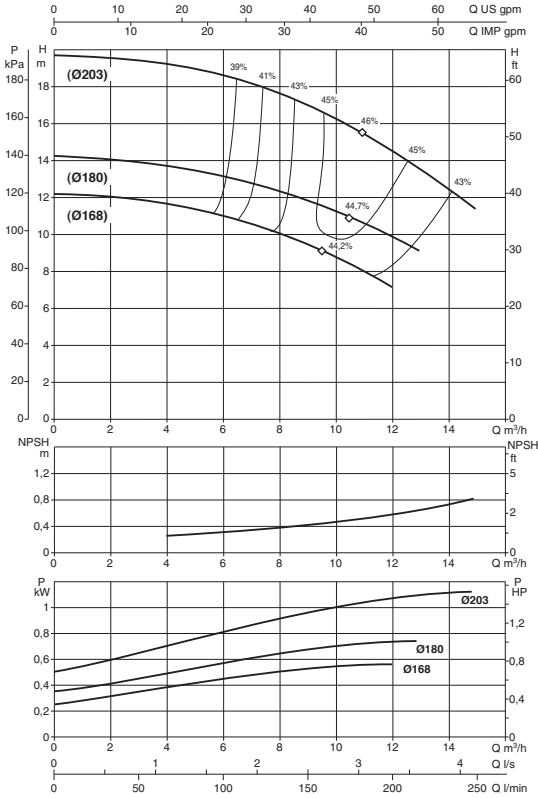
NKM-G 32-160



The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

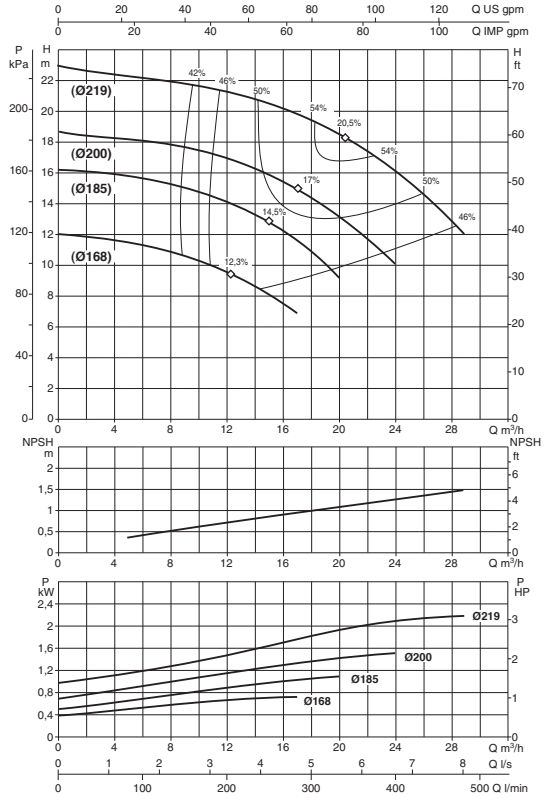
HYDRAULIC DATA

NKM-G 32-200.1

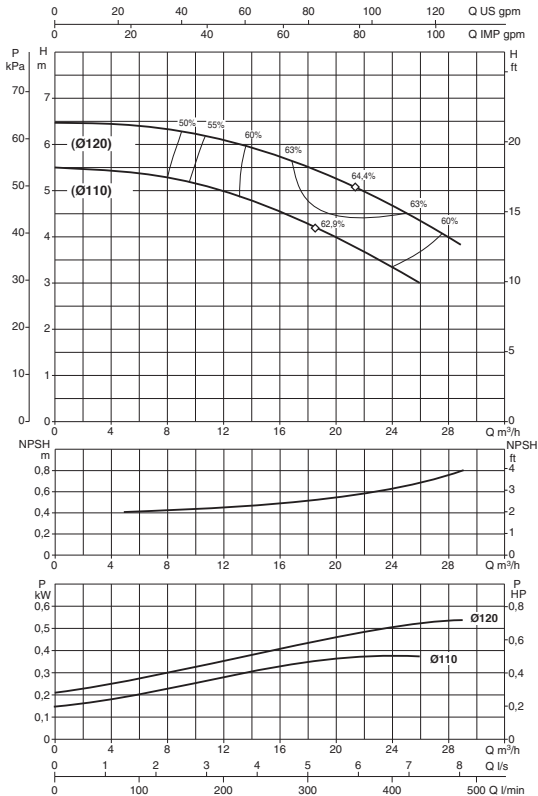


4-POLES MOTOR (≅ 1750 r.p.m.)

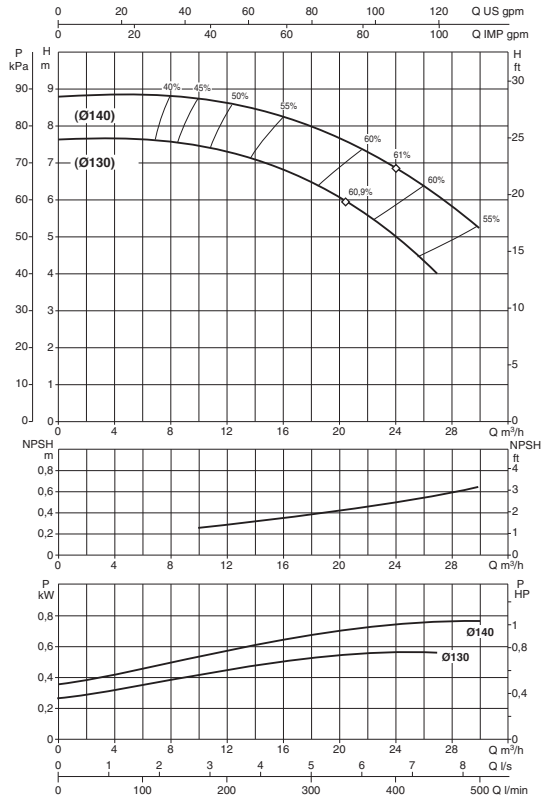
NKM-G 32-200



NKM-G 40-125



NKM-G 40-160

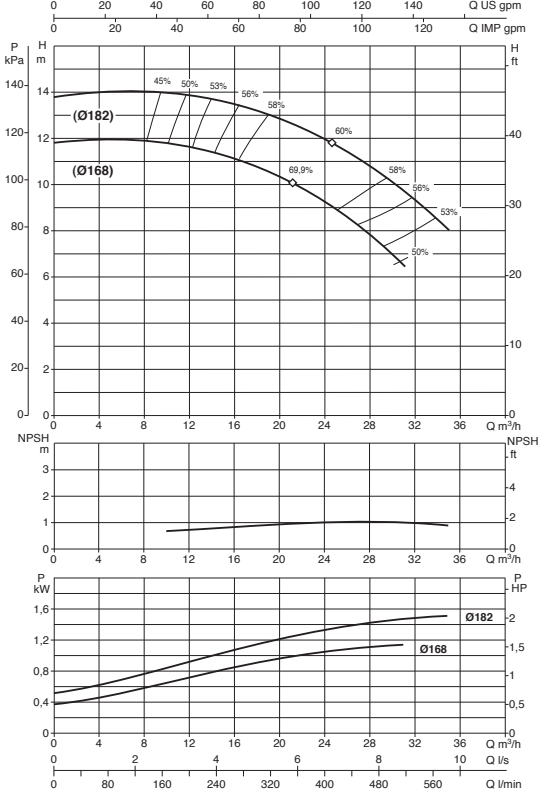


The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

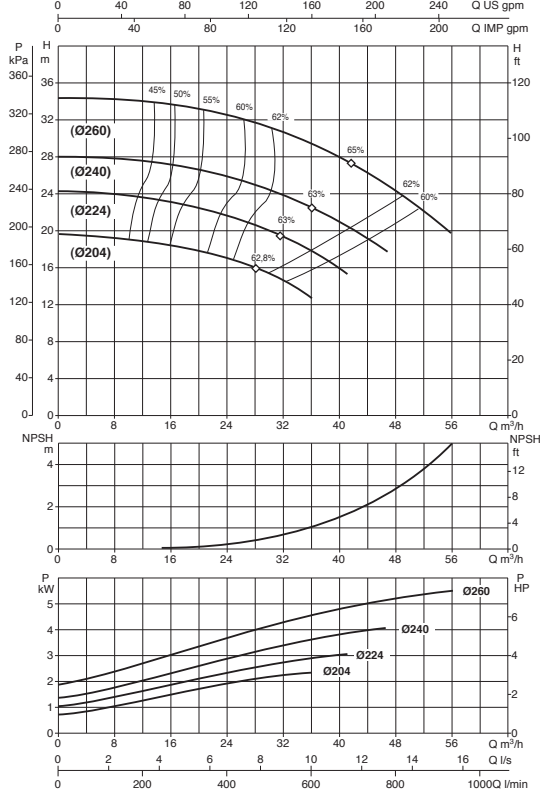
HYDRAULIC DATA

4-POLES MOTOR(≅ 1750 r.p.m.)

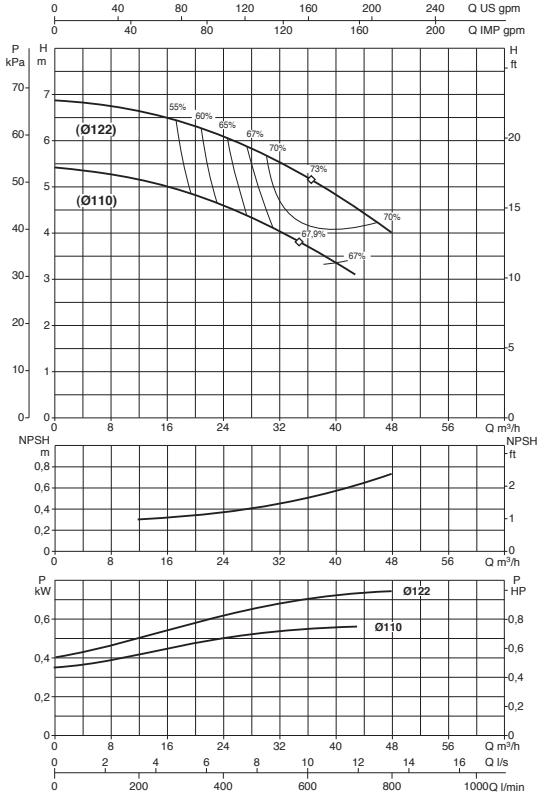
NKM-G 40-200



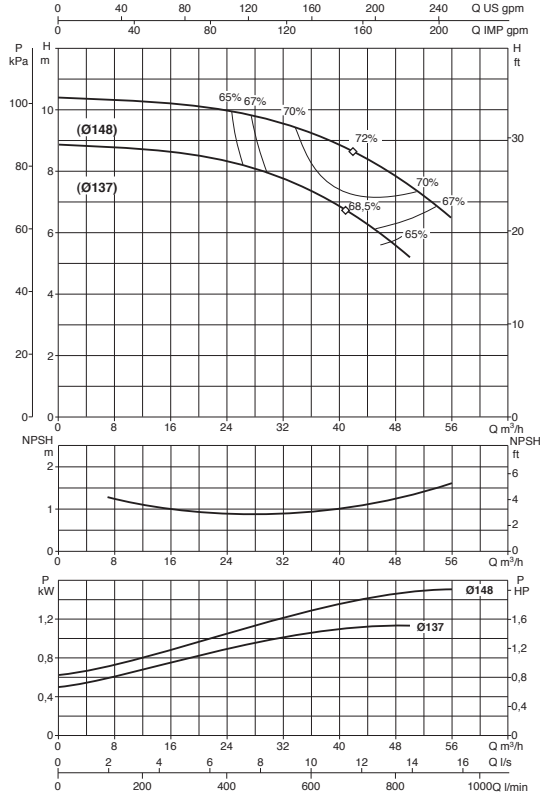
NKM-G 40-250



NKM-G 50-125



NKM-G 50-160

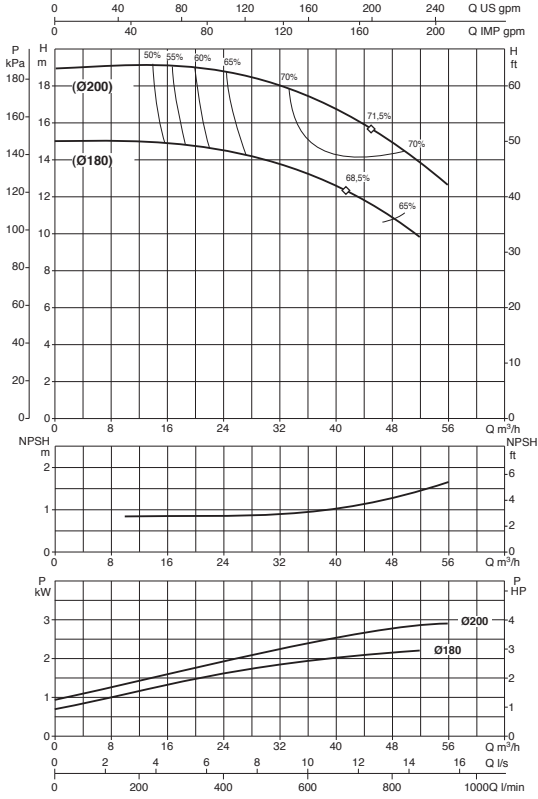


The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

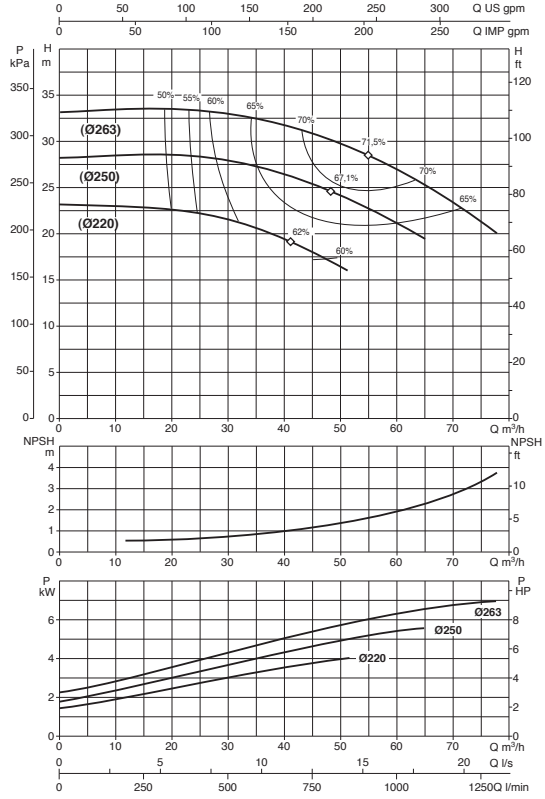
HYDRAULIC DATA

4-POLES MOTOR(≅ 1750 r.p.m.)

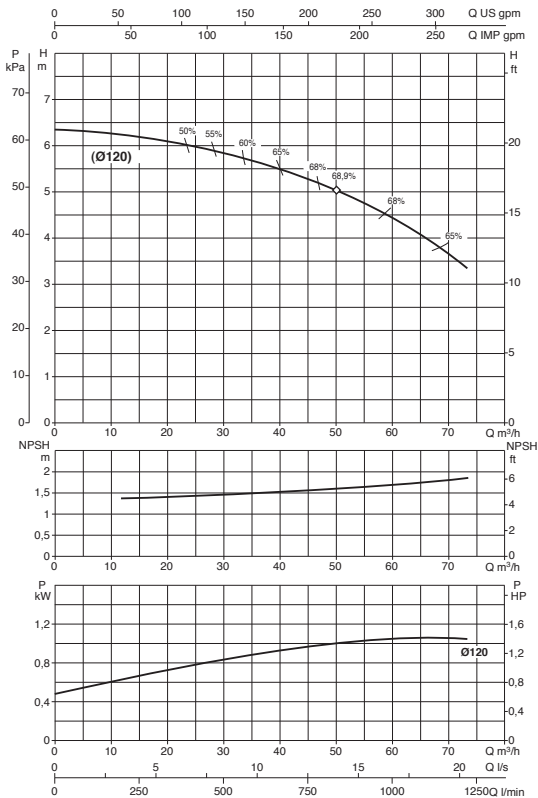
NKM-G 50-200



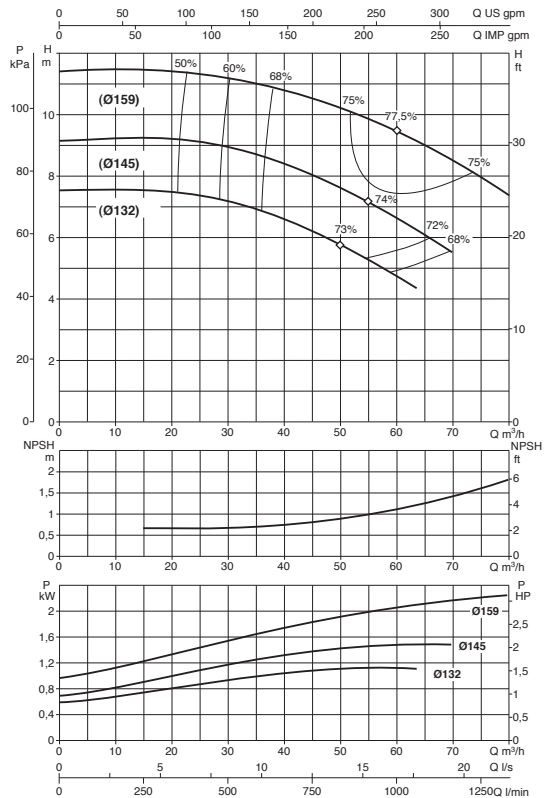
NKM-G 50-250



NKM-G 65-125



NKM-G 65-160

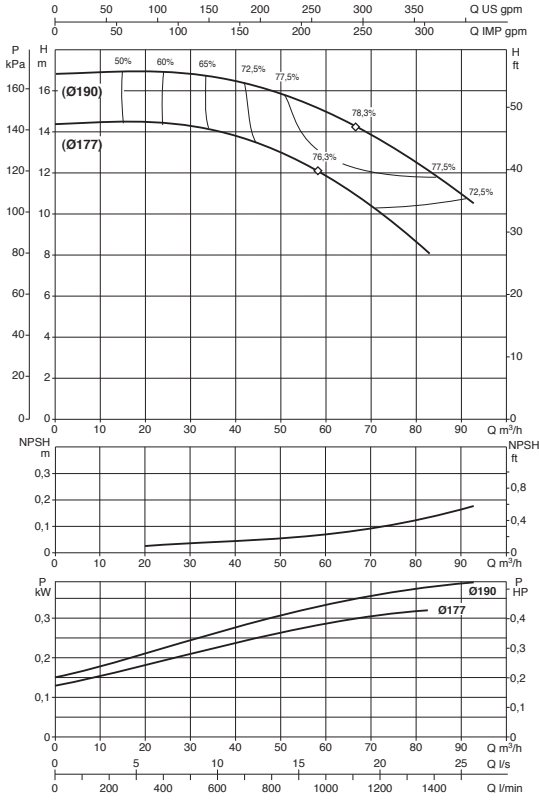


The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

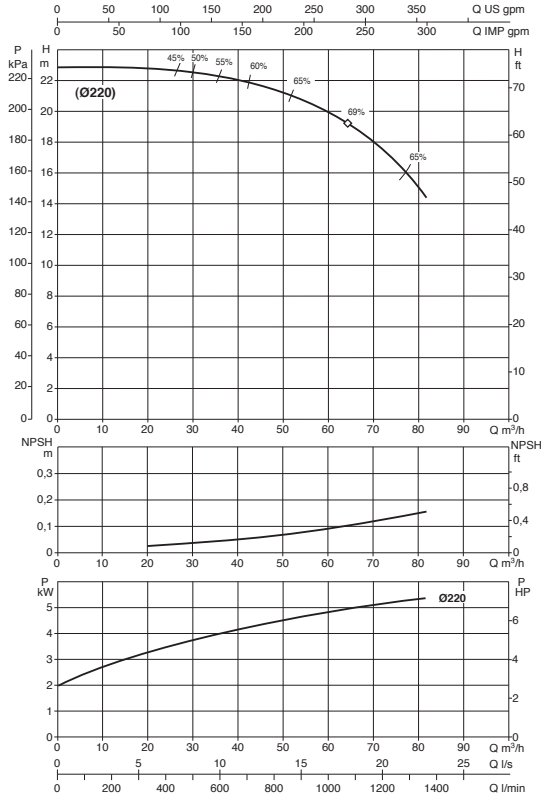
HYDRAULIC DATA

4-POLES MOTOR (\cong 1750 r.p.m.)

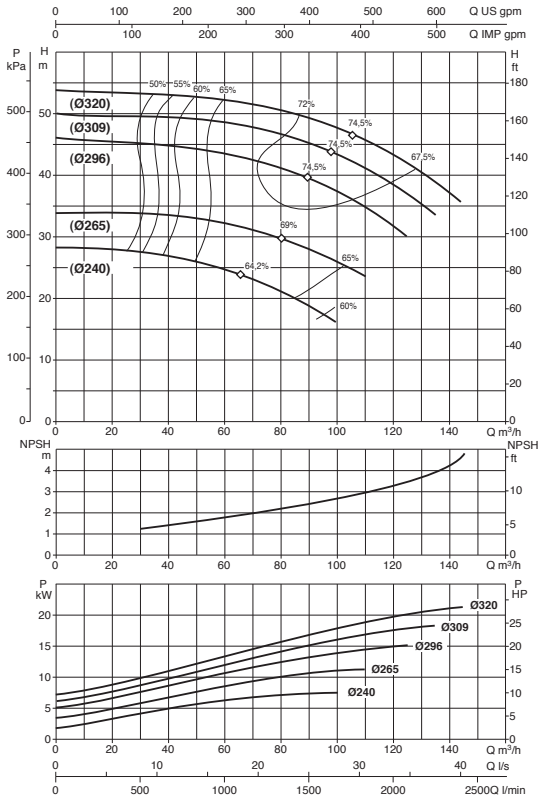
NKM-G 65-200



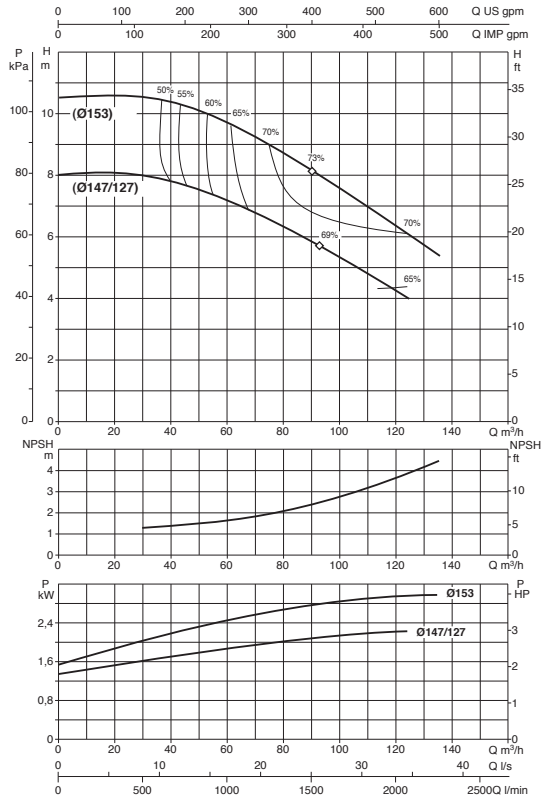
NKM-G 65-250



NKM-G 65-315



NKM-G 80-160



NKM-G

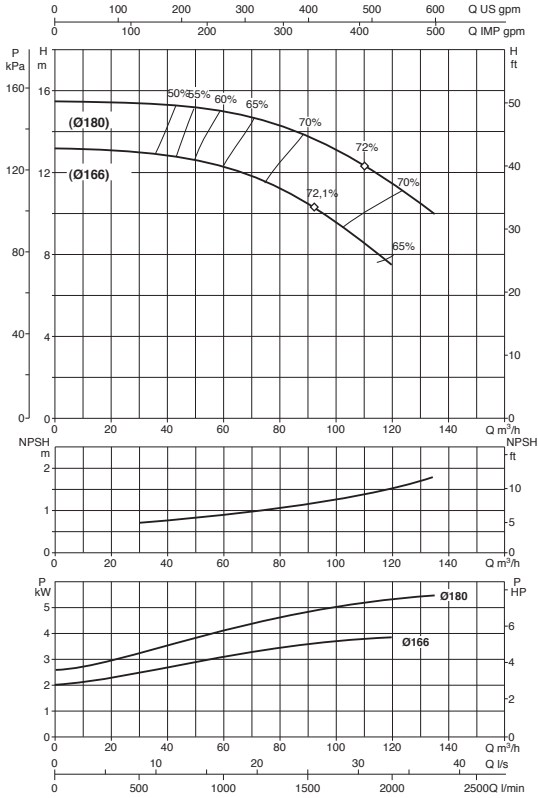
STANDARDISED ENBLOC CENTRIFUGAL PUMPS

The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

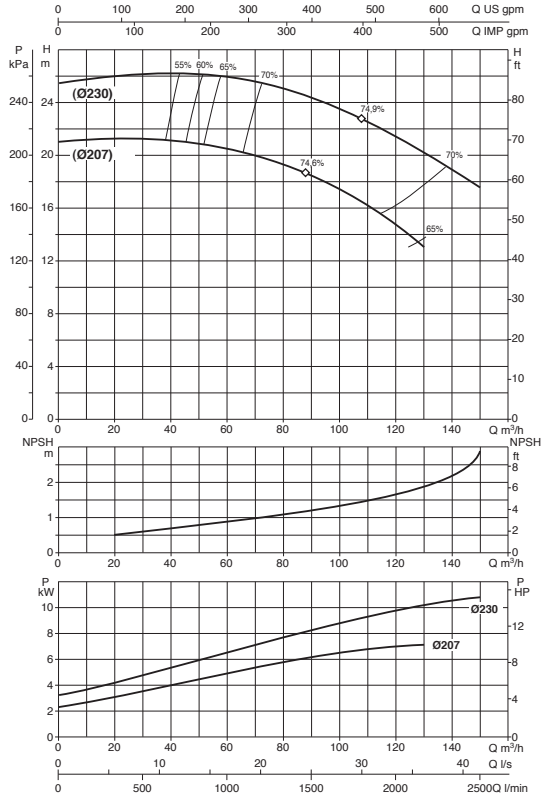
HYDRAULIC DATA

4-POLES MOTOR (\cong 1750 r.p.m.)

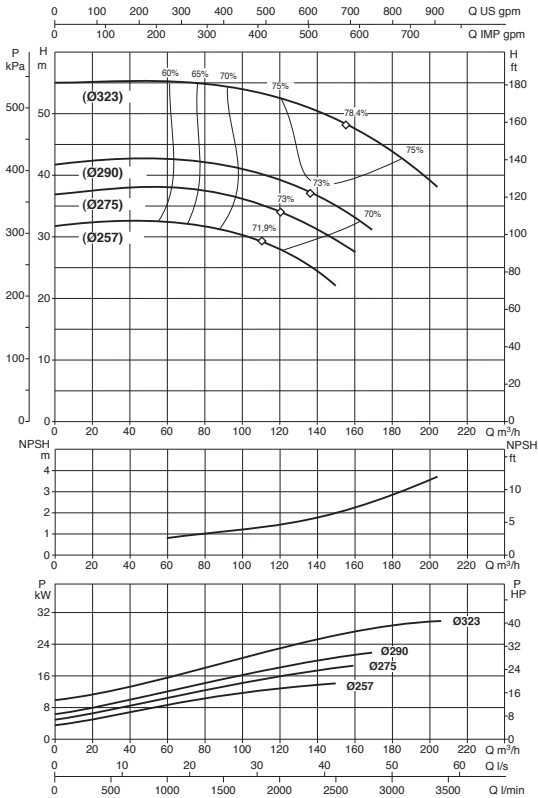
NKM-G 80-200



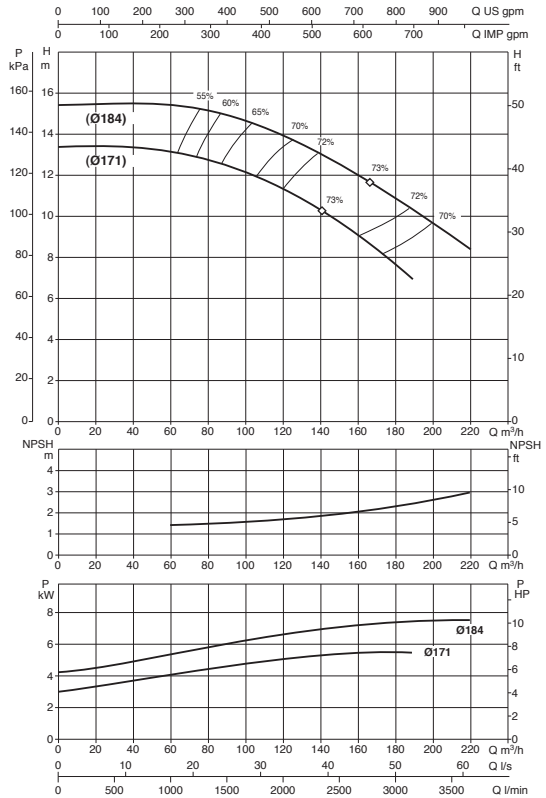
NKM-G 80-250



NKM-G 80-315



NKM-G 100-200

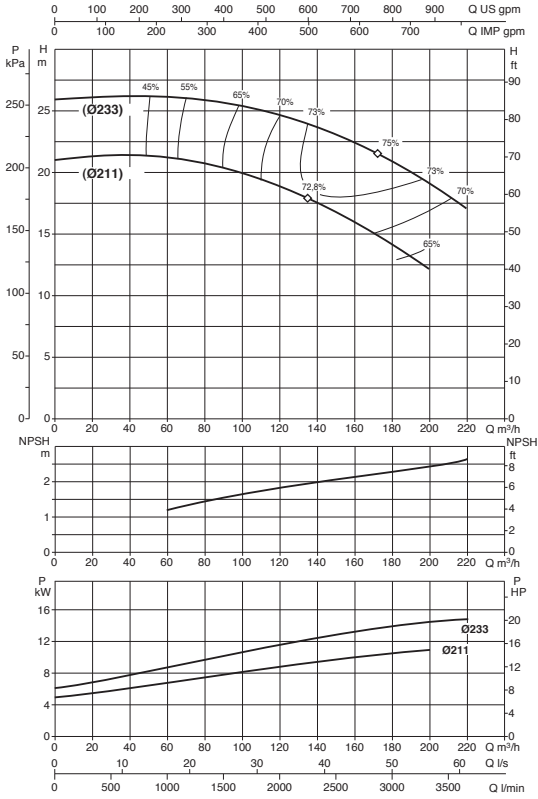


The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

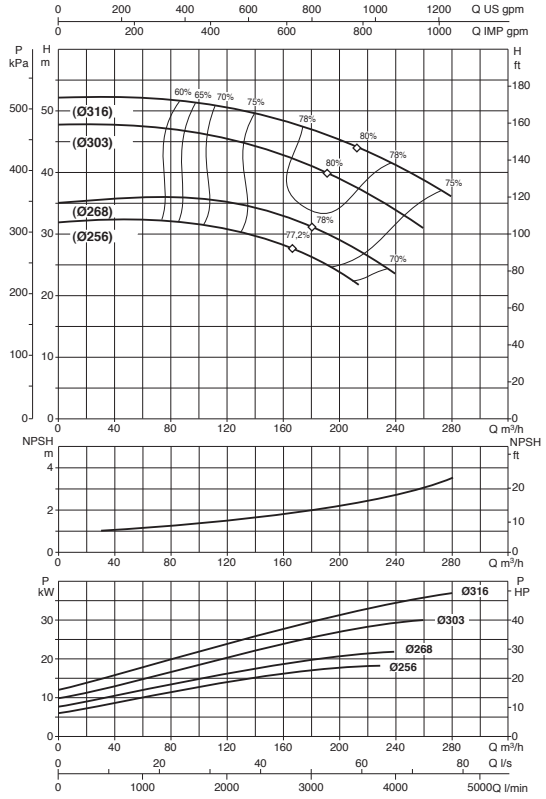
HYDRAULIC DATA

4-POLES MOTOR (\cong 1750 r.p.m.)

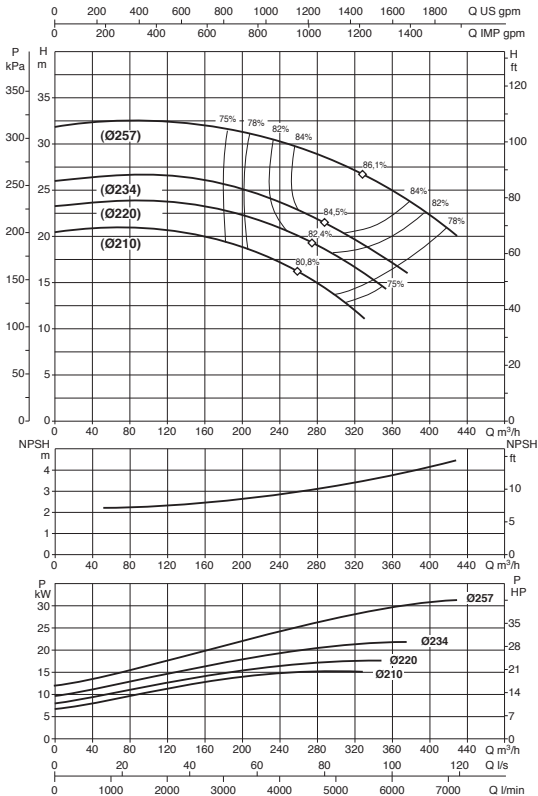
NKM-G 100-250



NKM-G 100-315



NKM-G 125-250



DIMENSIONS AND WEIGHTS

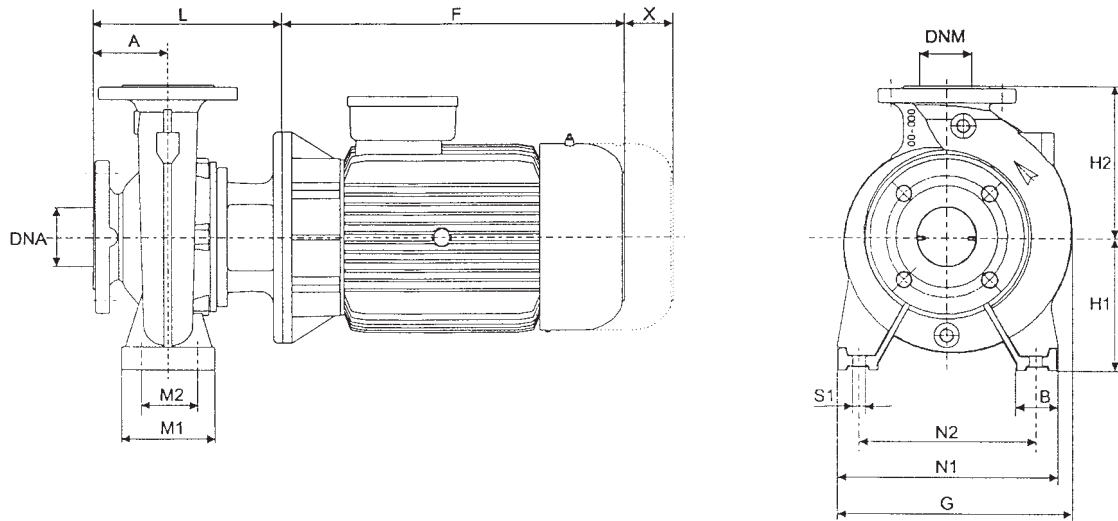


FIG. A

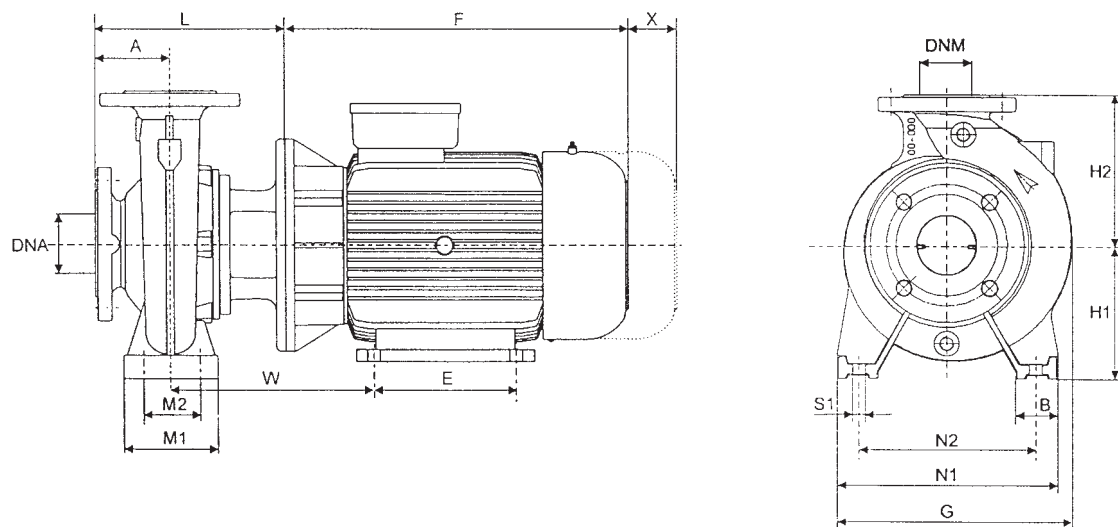


FIG. C

DIMENSIONS AND WEIGHTS

| MODEL | Fig | DNA | DNM | A | B | E | F | G | H1 | H2 | L | M1 | M2 | N1 | N2 | S1 | W | X | * | ** | WEIGHT Kg |
|------------------------------------|-----|-----|-----|-----|----|---|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|---|-----|---|----|-----------|
| NKM-G 32-125.1/115/A/ BAQE /0,25/4 | A | 50 | 32 | 80 | 50 | - | 208 | 234 | 112 | 140 | 201 | 100 | 70 | 190 | 140 | M12 | - | 100 | - | - | 19 |
| NKM-G 32-125/120/A/ BAQE /0,37/4 | A | 50 | 32 | 80 | 50 | - | 208 | 234 | 112 | 140 | 201 | 100 | 70 | 190 | 140 | M12 | - | 100 | - | - | |
| NKM-G 32-160.1 145/A/ BAQE /0,37/4 | A | 50 | 32 | 80 | 50 | - | 208 | 245 | 132 | 160 | 201 | 100 | 70 | 240 | 190 | M12 | - | 100 | - | - | |
| NKM-G 32-160/139/A/ BAQE /0,55/4 | A | 50 | 32 | 80 | 50 | - | 234 | 245 | 132 | 160 | 226 | 100 | 70 | 240 | 190 | M12 | - | 100 | - | - | 44,5 |
| NKM-G 32-200.1 168/A/ BAQE /0,55/4 | A | 50 | 32 | 80 | 50 | - | 234 | 279 | 160 | 180 | 226 | 100 | 70 | 240 | 190 | M12 | - | 100 | - | - | 50 |
| NKM-G 32-200.1 180/A/ BAQE /0,75/4 | A | 50 | 32 | 80 | 50 | - | 234 | 279 | 160 | 180 | 226 | 100 | 70 | 240 | 190 | M12 | - | 100 | - | - | 48 |
| NKM-G 32-200.1 203/A/ BAQE /1,1/4 | A | 50 | 32 | 80 | 50 | - | 247 | 279 | 160 | 180 | 226 | 100 | 70 | 240 | 190 | M12 | - | 100 | - | - | 46 |
| NKM-G 32-200/168/A/ BAQE /0,75/4 | A | 50 | 32 | 80 | 50 | - | 234 | 279 | 160 | 180 | 226 | 100 | 70 | 240 | 190 | M12 | - | 100 | - | - | 58 |
| NKM-G 32-200/185/A/ BAQE /1,1/4 | A | 50 | 32 | 80 | 50 | - | 247 | 279 | 160 | 180 | 226 | 100 | 70 | 240 | 190 | M12 | - | 100 | - | - | 54 |
| NKM-G 32-200/200/A/ BAQE /1,5/4 | A | 50 | 32 | 80 | 50 | - | 272 | 279 | 160 | 180 | 226 | 100 | 70 | 240 | 190 | M12 | - | 100 | - | - | 51 |
| NKM-G 32-200/219/A/ BAQE /2,2/4 | A | 50 | 32 | 80 | 50 | - | 301 | 279 | 160 | 180 | 254 | 100 | 70 | 240 | 190 | M12 | - | 100 | - | - | 48,5 |
| NKM-G 40-125/110/A/ BAQE /0,37/4 | A | 65 | 40 | 80 | 50 | - | 208 | 234 | 112 | 140 | 201 | 100 | 70 | 210 | 160 | M12 | - | 100 | - | - | 48 |
| NKM-G 40-125/120/A/ BAQE /0,55 /4 | A | 65 | 40 | 80 | 50 | - | 234 | 234 | 112 | 140 | 226 | 100 | 70 | 210 | 160 | M12 | - | 100 | - | - | 35,3 |
| NKM-G 40-160/130/A/ BAQE /0,55/4 | A | 65 | 40 | 80 | 50 | - | 234 | 253 | 132 | 160 | 226 | 100 | 70 | 240 | 190 | M12 | - | 100 | - | - | 50 |
| NKM-G 40-160/140/A/ BAQE /0,75/4 | A | 65 | 40 | 80 | 50 | - | 234 | 253 | 132 | 160 | 226 | 100 | 70 | 240 | 190 | M12 | - | 100 | - | - | 53 |
| NKM-G 40-200/168/A/ BAQE /1,1/4 | A | 65 | 40 | 100 | 50 | - | 247 | 296 | 160 | 180 | 246 | 100 | 70 | 265 | 212 | M12 | - | 100 | - | - | 55,7 |
| NKM-G 40-200/182/A/ BAQE /1,5/4 | A | 65 | 40 | 100 | 50 | - | 272 | 296 | 160 | 180 | 246 | 100 | 70 | 265 | 212 | M12 | - | 100 | - | - | 53 |
| NKM-G 40-250/204/A/ BAQE /2,2/4 | A | 65 | 40 | 100 | 65 | - | 301 | 335 | 180 | 225 | 274 | 125 | 95 | 320 | 250 | M12 | - | 100 | - | - | 103 |
| NKM-G 40-250/224/A/ BAQE /3/4 | A | 65 | 40 | 100 | 65 | - | 301 | 335 | 180 | 225 | 274 | 125 | 95 | 320 | 250 | M12 | - | 100 | - | - | 85 |
| NKM-G 40-250/240/A/ BAQE /4/4 | A | 65 | 40 | 100 | 65 | - | 301 | 335 | 180 | 225 | 274 | 125 | 95 | 320 | 250 | M12 | - | 100 | - | - | 74,3 |
| NKM-G 40-250/260/A/ BAQE /5,5/4 | A | 65 | 40 | 100 | 65 | - | 390 | 335 | 180 | 225 | 343 | 125 | 95 | 320 | 250 | M12 | - | 100 | - | - | 78 |
| NKM-G 50-125/110/A/ BAQE /0,55/4 | A | 65 | 50 | 100 | 50 | - | 234 | 251 | 132 | 160 | 246 | 100 | 70 | 240 | 190 | M12 | - | 100 | - | - | 43,6 |
| NKM-G 50-125/122/A/ BAQE /0,75/4 | A | 65 | 50 | 100 | 50 | - | 234 | 251 | 132 | 160 | 246 | 100 | 70 | 240 | 190 | M12 | - | 100 | - | - | 42 |
| NKM-G 50-160/137/A/ BAQE /1,1/4 | A | 65 | 50 | 100 | 50 | - | 247 | 283 | 160 | 180 | 246 | 100 | 70 | 265 | 212 | M12 | - | 100 | - | - | 49 |
| NKM-G 50-160/148/A/ BAQE /1,5/4 | A | 65 | 50 | 100 | 50 | - | 272 | 283 | 160 | 180 | 246 | 100 | 70 | 265 | 212 | M12 | - | 100 | - | - | 52,3 |
| NKM-G 50-200/180/A/ BAQE /2,2/4 | A | 65 | 50 | 100 | 50 | - | 301 | 303 | 160 | 200 | 274 | 100 | 70 | 265 | 212 | M12 | - | 100 | - | - | 66,8 |
| NKM-G 50-200/200/A/ BAQE /3/4 | A | 65 | 50 | 100 | 50 | - | 301 | 303 | 160 | 200 | 274 | 100 | 70 | 265 | 212 | M12 | - | 100 | - | - | 74 |
| NKM-G 50-250/220/A/ BAQE /4/4 | A | 65 | 50 | 100 | 65 | - | 301 | 343 | 180 | 225 | 274 | 125 | 95 | 320 | 250 | M12 | - | 100 | - | - | 115 |
| NKM-G 50-250/250/A/ BAQE /5,5/4 | A | 65 | 50 | 100 | 65 | - | 416 | 343 | 180 | 225 | 343 | 125 | 95 | 320 | 250 | M12 | - | 100 | - | - | 108 |
| NKM-G 50-250/263/A/ BAQE /7,5/4 | A | 65 | 50 | 100 | 65 | - | 416 | 343 | 180 | 225 | 343 | 25 | 95 | 320 | 250 | M12 | - | 100 | - | - | 90 |
| NKM-G 65-125/120/A/ BAQE /1,1/4 | A | 80 | 65 | 100 | 65 | - | 247 | 286 | 160 | 180 | 246 | 125 | 95 | 280 | 212 | M12 | - | 100 | - | - | 63 |

* under-engine shim ** chock under the pump

NKM-G

STANDARDISED ENBLOC CENTRIFUGAL PUMPS

| MODEL | Fig | DNA | DNM | A | B | E | F | G | H1 | H2 | L | M1 | M2 | N1 | N2 | S1 | W | X | * | ** | WEIGHT Kg |
|--------------------------------------|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|-----------|
| NKM-G 65-160/132/A/ BAQE /1,1/4 | A | 80 | 65 | 100 | 65 | - | 247 | 302 | 160 | 200 | 246 | 125 | 95 | 280 | 212 | M12 | - | 100 | - | - | 61,3 |
| NKM-G 65-160/145/A/ BAQE /1,5/4 | A | 80 | 65 | 100 | 65 | - | 272 | 302 | 160 | 200 | 246 | 125 | 95 | 280 | 212 | M12 | - | 100 | - | - | |
| NKM-G 65-160/159/A/ BAQE /2,2/4 | A | 80 | 65 | 100 | 65 | - | 301 | 302 | 160 | 200 | 274 | 125 | 95 | 280 | 212 | M12 | - | 100 | - | - | 56,5 |
| NKM-G 65-200/177/A/ BAQE /3/4 | A | 80 | 65 | 100 | 65 | - | 301 | 333 | 180 | 225 | 274 | 125 | 95 | 320 | 250 | M12 | - | 140 | - | - | 80,1 |
| NKM-G 65-200/190/A/ BAQE /4/4 | A | 80 | 65 | 100 | 65 | - | 301 | 333 | 180 | 225 | 274 | 125 | 95 | 320 | 250 | M12 | - | 140 | - | - | 74,9 |
| NKM-G 65-250/220/A/ BAQE /5,5/4 | A | 80 | 65 | 100 | 80 | - | 390 | 372 | 200 | 250 | 343 | 160 | 120 | 360 | 280 | M16 | - | 140 | - | - | 146 |
| NKM-G 65-315/240/A/ BAQE /7,5/4 | A | 80 | 65 | 125 | 80 | - | 416 | 429 | 225 | 280 | 368 | 160 | 120 | 400 | 315 | M16 | - | 140 | - | - | 231 |
| NKM-G 65-315/265/A/ BAQE /11/4 | C | 80 | 65 | 125 | 80 | 210 | 460 | 429 | 225 | 280 | 398 | 160 | 120 | 400 | 315 | M16 | 381 | 140 | 65 | - | |
| NKM-G 65-315/296/A/ BAQE /15/4 | C | 80 | 65 | 125 | 80 | 254 | 540 | 429 | 225 | 280 | 398 | 160 | 120 | 400 | 315 | M16 | 381 | 140 | 65 | - | 201 |
| NKM-G 65-315/309/A/ BAQE /18,5/4 | C | 80 | 65 | 125 | 80 | 241 | 580 | 429 | 225 | 280 | 398 | 160 | 120 | 400 | 315 | M16 | 394 | 140 | 65 | 20 | 194 |
| NKM-G 65-315/320/A/ BAQE /22/4 | C | 80 | 65 | 125 | 80 | 279 | 580 | 429 | 225 | 280 | 398 | 160 | 120 | 400 | 315 | M16 | 394 | 140 | 65 | 20 | 161,6 |
| NKM-G 80-160/147-127/A/ BAQE /2,2 /4 | A | 100 | 80 | 125 | 65 | - | 301 | 342 | 180 | 225 | 299 | 125 | 95 | 320 | 250 | M12 | - | 140 | - | - | 74 |
| NKM-G 80-160/153/A/ BAQE /3/4 | A | 100 | 80 | 125 | 65 | - | 301 | 342 | 180 | 225 | 299 | 125 | 95 | 320 | 250 | M12 | - | 140 | - | - | 71 |
| NKM-G 80-200/166/A/ BAQE /4/4 | A | 100 | 80 | 125 | 65 | - | 301 | 365 | 180 | 250 | 352 | 125 | 95 | 345 | 280 | M12 | - | 140 | - | - | 120 |
| NKM-G 80-200/180/A/ BAQE /5,5/4 | A | 100 | 80 | 125 | 65 | - | 390 | 365 | 180 | 250 | 368 | 125 | 95 | 345 | 280 | M12 | - | 140 | - | - | 144,4 |
| NKM-G 80-250/207/A/ BAQE /7,5 /4 | A | 100 | 80 | 125 | 80 | - | 416 | 410 | 200 | 280 | 368 | 160 | 120 | 400 | 315 | M16 | - | 140 | - | - | 255 |
| NKM-G 80-250/230/A/ BAQE /11/4 | C | 100 | 80 | 125 | 80 | 210 | 460 | 410 | 200 | 280 | 398 | 160 | 120 | 400 | 315 | M16 | 381 | 140 | 40 | - | 170 |
| NKM-G 80-315/257/A/ BAQE /15/4 | C | 100 | 80 | 125 | 80 | 254 | 540 | 459 | 250 | 315 | 398 | 160 | 120 | 400 | 315 | M16 | 381 | 140 | 90 | - | |
| NKM-G 80-315/275/A/ BAQE /18,5/4 | C | 100 | 80 | 125 | 80 | 241 | 580 | 459 | 250 | 315 | 398 | 160 | 120 | 400 | 315 | M16 | 394 | 140 | 70 | - | 257,3 |
| NKM-G 80-315/290/A/ BAQE /22/4 | C | 100 | 80 | 125 | 80 | 279 | 580 | 459 | 250 | 315 | 398 | 160 | 120 | 400 | 315 | M16 | 394 | 140 | 70 | - | 244 |
| NKM-G 80-315/323/A/ BAQE /30/4 | C | 100 | 80 | 125 | 80 | 305 | 640 | 459 | 250 | 315 | 398 | 160 | 120 | 400 | 315 | M16 | 406 | 140 | 70 | 20 | 227 |
| NKM-G 100-200/171/A/ BAQE /5,5/4 | A | 125 | 100 | 125 | 80 | - | 390 | 392 | 200 | 280 | 368 | 160 | 120 | 360 | 280 | M16 | - | 140 | - | - | 140 |
| NKM-G 100-200/184/A/ BAQE /7,5/4 | A | 125 | 100 | 125 | 80 | - | 416 | 392 | 200 | 280 | 368 | 160 | 120 | 360 | 280 | M16 | - | 140 | - | - | 135 |
| NKM-G 100-250/211/A/ BAQE /11/4 | C | 125 | 100 | 140 | 80 | 210 | 460 | 424 | 225 | 280 | 413 | 160 | 120 | 400 | 315 | M16 | 381 | 140 | 65 | - | 295 |
| NKM-G 100-250/233/A/ BAQE /15/4 | C | 125 | 100 | 140 | 80 | 254 | 540 | 424 | 225 | 280 | 413 | 160 | 120 | 400 | 315 | M16 | 381 | 140 | 65 | - | 267 |
| NKM-G 100-315/256/A/ BAQE /18,5/4 | C | 125 | 100 | 140 | 80 | 241 | 580 | 478 | 250 | 315 | 413 | 160 | 120 | 400 | 315 | M16 | 394 | 140 | 70 | - | 405 |
| NKM-G 100-315/268/A/ BAQE /22/4 | C | 125 | 100 | 140 | 80 | 279 | 580 | 478 | 250 | 315 | 413 | 160 | 120 | 400 | 315 | M16 | 394 | 140 | 70 | - | 358 |
| NKM-G 100-315/303/A/ BAQE /30/4 | C | 125 | 100 | 140 | 80 | 305 | 640 | 478 | 250 | 315 | 413 | 160 | 120 | 400 | 315 | M16 | 406 | 140 | 70 | 20 | 325 |
| NKM-G 100-315/316/A/ BAQE /37/4 | C | 125 | 100 | 140 | 80 | 286 | 690 | 478 | 250 | 315 | 413 | 160 | 120 | 400 | 315 | M16 | 422 | 140 | 65 | 40 | 313 |
| NKM-G 125-250/210/A/ BAQE /15/4 | C | 150 | 125 | 140 | 80 | 254 | 540 | 473 | 250 | 355 | 413 | 160 | 120 | 400 | 315 | M16 | 381 | 140 | 90 | - | 306 |
| NKM-G 125-250/220/A/ BAQE /18,5/4 | C | 150 | 125 | 140 | 80 | 241 | 580 | 473 | 250 | 355 | 413 | 160 | 120 | 400 | 315 | M16 | 394 | 140 | 70 | - | 270,4 |
| NKM-G 125-250/234/A/ BAQE /22/4 | C | 150 | 125 | 140 | 80 | 279 | 580 | 473 | 250 | 355 | 413 | 160 | 120 | 400 | 315 | M16 | 394 | 140 | 70 | - | 258 |
| NKM-G 125-250/257/A/ BAQE /30/4 | C | 150 | 125 | 140 | 80 | 305 | 640 | 473 | 250 | 355 | 413 | 160 | 120 | 400 | 315 | M16 | 406 | 140 | 70 | 20 | 240 |

* under-engine check ** check under the pump

DCCONNECT
 COMMAND AND CONTROL SYSTEMS
 CIRCULATORS AND IN-LINE PUMPS
 MULTUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS
 SWIMMING POOL, POND AND SALT WATER PUMPS
 CENTRIFUGAL PUMPS
 SUBMERSIBLE PUMPS
 SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS
 PRESSURE UNITS

TECHNICAL DATA - NKP-G 2 POLES (3500 r.p.m.)

CAST IRON IMPELLER

| MODEL | ELECTRICAL DATA | | | | |
|-----------------------------------|-----------------|-------------|-----------------------|------------|-----|
| | N° POLES | ENGINE SIZE | VOLTAGE 60 Hz | P2 NOMINAL | |
| | | | | KW | HP |
| NKP-G 32-125.1/98 /A/BAQE /1.1/2 | 2 | MEC 80 | 3x220-277/380-480 V ~ | 1,1 | 1,5 |
| NKP-G 32-125.1/110 /A/BAQE /1.5/2 | 2 | MEC 90S | 3x220-277/380-480 V ~ | 1,5 | 2 |
| NKP-G 32-125.1/118 /A/BAQE /2.2/2 | 2 | MEC 90L | 3x220-277/380-480 V ~ | 2,2 | 3 |
| NKP-G 32-125/95 /A/BAQE /1.1 /2 | 2 | MEC 80 | 3x220-277/380-480 V ~ | 1,1 | 1,5 |
| NKP-G 32-125/104 /A/BAQE /1.5 /2 | 2 | MEC 90S | 3x220-277/380-480 V ~ | 1,5 | 2 |
| NKP-G 32-125/113 /A/BAQE /2.2 /2 | 2 | MEC 90L | 3x220-277/380-480 V ~ | 2,2 | 3 |
| NKP-G 32-125/123 /A/BAQE / 3 /2 | 2 | MEC 100L | 3x220-277/380-480 V ~ | 3 | 4 |
| NKP-G 32-160.1 135 /A/BAQE /2.2/2 | 2 | MEC 90L | 3x220-277/380-480 V ~ | 2,2 | 3 |
| NKP-G 32-160.1 143 /A/BAQE /3 /2 | 2 | MEC 100L | 3x220-277/380-480 V ~ | 3 | 4 |
| NKP-G 32-160/128 /A/BAQE /3 /2 | 2 | MEC 100L | 3x220-277/380-480 V ~ | 3 | 4 |
| NKP-G 32-160/137 /A/BAQE /4 /2 | 2 | MEC 112M | 3x220-277/380-480 V ~ | 4 | 5,5 |
| NKP-G 32-160/146 /A/BAQE /5,5/2 | 2 | MEC 132S | 3x220-277/380-480 V ~ | 5,5 | 7,5 |
| NKP-G 32-200.1 160 /A/BAQE /4 /2 | 2 | MEC 112M | 3x220-277/380-480 V ~ | 4 | 5,5 |
| NKP-G 32-200.1 174 /A/BAQE /5,5/2 | 2 | MEC 132S | 3x220-277/380-480 V ~ | 5,5 | 1,5 |
| NKP-G 32-200.1 188 /A/BAQE /7,5/2 | 2 | MEC 132S | 3x220-277/380-480 V ~ | 7,5 | 10 |
| NKP-G 32-200.1 205 /A/BAQE / 11/2 | 2 | MEC 160M | 3x220-277/380-480 V ~ | 11 | 15 |
| NKP-G 32-200/163 /A/BAQE / 5.5 /2 | 2 | MEC 132S | 3x220-277/380-480 V ~ | 5,5 | 7,5 |
| NKP-G 32-200/176 /A/BAQE / 7.5 /2 | 2 | MEC 132S | 3x220-277/380-480 V ~ | 7,5 | 10 |
| NKP-G 32-200/196 /A/BAQE / 11 /2 | 2 | MEC 160M | 3x220-277/380-480 V ~ | 11 | 15 |
| NKP-G 32-200/210 /A/BAQE / 15 /2 | 2 | MEC 160M | 3x220-277/380-480 V ~ | 15 | 20 |
| NKP-G 32-200/219 /A/BAQE / 18,5/2 | 2 | MEC 160L | 3x220-277/380-480 V ~ | 18,5 | 25 |
| NKP-G 40-125/102 /A/BAQE / 2.2 /2 | 2 | MEC 90L | 3x220-277/380-480 V ~ | 2,2 | 3 |
| NKP-G 40-125/110 /A/BAQE / 3 /2 | 2 | MEC 100L | 3x220-277/380-480 V ~ | 3 | 4 |
| NKP-G 40-125/120 /A/BAQE / 4 /2 | 2 | MEC 112M | 3x220-277/380-480 V ~ | 4 | 5,5 |
| NKP-G 40-160/135 /A/BAQE / 5,5 /2 | 2 | MEC 132S | 3x220-277/380-480 V ~ | 5,5 | 7,5 |
| NKP-G 40-160/145 /A/BAQE / 7,5 /2 | 2 | MEC 132S | 3x220-277/380-480 V ~ | 7,5 | 10 |

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

NKP-G

STANDARDISED ENBLOC CENTRIFUGAL PUMPS

| MODEL | ELECTRICAL DATA | | | | |
|------------------------------------|-----------------|-------------|-----------------------|------------|-----|
| | N° POLES | ENGINE SIZE | VOLTAGE 60 Hz | P2 NOMINAL | |
| | | | | KW | HP |
| NKP-G 40-200/177 /A/BAQE /11 /2 | 2 | MEC 160M | 3x220-277/380-480 V ~ | 11 | 15 |
| NKP-G 40-250/192 /A/BAQE /15 /2 | 2 | MEC 160M | 3x220-277/380-480 V ~ | 15 | 20 |
| NKP-G 40-250/204 /A/BAQE /18,5 /2 | 2 | MEC 160L | 3x220-277/380-480 V ~ | 18,5 | 25 |
| NKP-G 40-250/213 /A/BAQE /22 /2 | 2 | MEC 180M | 3x220-277/380-480 V ~ | 22 | 30 |
| NKP-G 40-250/232 /A/BAQE /30 /2 | 2 | MEC 200L | 3x220-277/380-480 V ~ | 30 | 40 |
| NKP-G 50-125/105 /A/BAQE / 4 /2 | 2 | MEC 112M | 3x220-277/380-480 V ~ | 4 | 5,5 |
| NKP-G 50-125/115 /A/BAQE / 5,5 /2 | 2 | MEC 132S | 3x220-277/380-480 V ~ | 5,5 | 7,5 |
| NKP-G 50-125/127 /A/BAQE / 7,5 /2 | 2 | MEC 132S | 3x220-277/380-480 V ~ | 7,5 | 10 |
| NKP-G 50-160/129 /A/BAQE / 7.5 /2 | 2 | MEC 132S | 3x220-277/380-480 V ~ | 7,5 | 10 |
| NKP-G 50-160/145 /A/BAQE /11 /2 | 2 | MEC 160M | 3x220-277/380-480 V ~ | 11 | 15 |
| NKP-G 50-200/170 /A/BAQE /15 /2 | 2 | MEC 160M | 3x220-277/380-480 V ~ | 15 | 20 |
| NKP-G 50-200/180 /A/BAQE /18,5 /2 | 2 | MEC 160L | 3x220-277/380-480 V ~ | 18,5 | 25 |
| NKP-G 50-200/190 /A/BAQE /22 /2 | 2 | MEC 180M | 3x220-277/380-480 V ~ | 22 | 30 |
| NKP-G 50-250/196 /A/BAQE /22 /2 | 2 | MEC 180M | 3x220-277/380-480 V ~ | 22 | 30 |
| NKP-G 50-250/215 /A/BAQE /30 /2 | 2 | MEC 200L | 3x220-277/380-480 V ~ | 30 | 40 |
| NKP-G 50-250/230 /A/BAQE /37 /2 | 2 | MEC 200L | 380/480 Δ | 37 | 50 |
| NKP-G 65-125/120-114/A/BAQE /7,5/2 | 2 | MEC 132S | 3x220-277/380-480 V ~ | 7,5 | 10 |
| NKP-G 65-160/137 /A/BAQE /11 /2 | 2 | MEC 160M | 3x220-277/380-480 V ~ | 11 | 15 |
| NKP-G 65-160/149 /A/BAQE /15 /2 | 2 | MEC 160M | 3x220-277/380-480 V ~ | 15 | 20 |
| NKP-G 65-200/160 /A/BAQE /18,5 /2 | 2 | MEC 160L | 3x220-277/380-480 V ~ | 18,5 | 25 |
| NKP-G 65-200/167 /A/BAQE /22 /2 | 2 | MEC 180M | 3x220-277/380-480 V ~ | 22 | 30 |
| NKP-G 65-200/180 /A/BAQE /30 /2 | 2 | MEC 200L | 3x220-277/380-480 V ~ | 30 | 40 |
| NKP-G 65-200/197 /A/BAQE /37 /2 | 2 | MEC 200L | 380/480 Δ | 37 | 50 |
| NKP-G 80-160/147-127/A/BAQE/18,5/2 | 2 | MEC 160L | 3x220-277/380-480 V ~ | 18,5 | 25 |
| NKP-G 80-160/146 /A/BAQE /22 /2 | 2 | MEC 180M | 3x220-277/380-480 V ~ | 22 | 30 |
| NKP-G 80-200/164 /A/BAQE /30 /2 | 2 | MEC 200L | 3x220-277/380-480 V ~ | 30 | 40 |
| NKP-G 80-200/172 /A/BAQE /37 /2 | 2 | MEC 200L | 380/480 Δ | 37 | 50 |
| NKP-G 80-200/184 /A/BAQE /45 /2 | 2 | MEC 225M | 380/480 Δ | 45 | 61 |

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

TECHNICAL DATA - NKP-G 2 POLES (3500 r.p.m.)

BRONZE IMPELLER

| MODEL | ELECTRICAL DATA | | | | |
|-----------------------------------|-----------------|-------------|-----------------------|------------|-----|
| | N° POLES | ENGINE SIZE | VOLTAGE 60 Hz | P2 NOMINAL | |
| | | | | KW | HP |
| NKP-G 32-125.1/98 /A/BAQE /1.1/2 | 2 | MEC 80 | 3x220-277/380-480 V ~ | 1,1 | 1,5 |
| NKP-G 32-125.1/110 /A/BAQE /1.5/2 | 2 | MEC 90S | 3x220-277/380-480 V ~ | 1,5 | 2 |
| NKP-G 32-125.1/118 /A/BAQE /2.2/2 | 2 | MEC 90L | 3x220-277/380-480 V ~ | 2,2 | 3 |
| NKP-G 32-125/95 /A/BAQE /1.1 /2 | 2 | MEC 80 | 3x220-277/380-480 V ~ | 1,1 | 1,5 |
| NKP-G 32-125/104 /A/BAQE /1.5 /2 | 2 | MEC 90S | 3x220-277/380-480 V ~ | 1,5 | 2 |
| NKP-G 32-125/113 /A/BAQE /2.2 /2 | 2 | MEC 90L | 3x220-277/380-480 V ~ | 2,2 | 3 |
| NKP-G 32-125/123 /A/BAQE / 3 /2 | 2 | MEC 100L | 3x220-277/380-480 V ~ | 3 | 4 |
| NKP-G 32-160.1 135 /A/BAQE /2.2/2 | 2 | MEC 90L | 3x220-277/380-480 V ~ | 2,2 | 3 |
| NKP-G 32-160.1 143 /A/BAQE /3 /2 | 2 | MEC 100L | 3x220-277/380-480 V ~ | 3 | 4 |
| NKP-G 32-160/128 /A/BAQE /3 /2 | 2 | MEC 100L | 3x220-277/380-480 V ~ | 3 | 4 |
| NKP-G 32-160/137 /A/BAQE /4 /2 | 2 | MEC 112M | 3x220-277/380-480 V ~ | 4 | 5,5 |
| NKP-G 32-160/146 /A/BAQE /5,5/2 | 2 | MEC 132S | 3x220-277/380-480 V ~ | 5,5 | 7,5 |
| NKP-G 32-200.1 160 /A/BAQE /4 /2 | 2 | MEC 112M | 3x220-277/380-480 V ~ | 4 | 5,5 |
| NKP-G 32-200.1 174 /A/BAQE /5,5/2 | 2 | MEC 132S | 3x220-277/380-480 V ~ | 5,5 | 1,5 |
| NKP-G 32-200.1 188 /A/BAQE /7,5/2 | 2 | MEC 132S | 3x220-277/380-480 V ~ | 7,5 | 10 |
| NKP-G 32-200.1 205 /A/BAQE / 11/2 | 2 | MEC 160M | 3x220-277/380-480 V ~ | 11 | 15 |
| NKP-G 32-200/163 /A/BAQE / 5.5 /2 | 2 | MEC 132S | 3x220-277/380-480 V ~ | 5,5 | 7,5 |
| NKP-G 32-200/176 /A/BAQE / 7.5 /2 | 2 | MEC 132S | 3x220-277/380-480 V ~ | 7,5 | 10 |
| NKP-G 32-200/196 /A/BAQE / 11 /2 | 2 | MEC 160M | 3x220-277/380-480 V ~ | 11 | 15 |
| NKP-G 32-200/210 /A/BAQE / 15 /2 | 2 | MEC 160M | 3x220-277/380-480 V ~ | 15 | 20 |
| NKP-G 32-200/219 /A/BAQE / 18,5/2 | 2 | MEC 160L | 3x220-277/380-480 V ~ | 18,5 | 25 |
| NKP-G 40-125/102 /A/BAQE / 2.2 /2 | 2 | MEC 90L | 3x220-277/380-480 V ~ | 2,2 | 3 |
| NKP-G 40-125/110 /A/BAQE / 3 /2 | 2 | MEC 100L | 3x220-277/380-480 V ~ | 3 | 4 |
| NKP-G 40-125/120 /A/BAQE / 4 /2 | 2 | MEC 112M | 3x220-277/380-480 V ~ | 4 | 5,5 |
| NKP-G 40-160/135 /A/BAQE / 5,5 /2 | 2 | MEC 132S | 3x220-277/380-480 V ~ | 5,5 | 7,5 |
| NKP-G 40-160/145 /A/BAQE / 7,5 /2 | 2 | MEC 132S | 3x220-277/380-480 V ~ | 7,5 | 10 |

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

NKP-G

STANDARDISED ENBLOC CENTRIFUGAL PUMPS

| MODEL | ELECTRICAL DATA | | | | |
|------------------------------------|-----------------|-------------|-----------------------|------------|-----|
| | N° POLES | ENGINE SIZE | VOLTAGE 60 Hz | P2 NOMINAL | |
| | | | | KW | HP |
| NKP-G 40-200/177 /A/BAQE /11 /2 | 2 | MEC 160M | 3x220-277/380-480 V ~ | 11 | 15 |
| NKP-G 40-250/192 /A/BAQE /15 /2 | 2 | MEC 160M | 3x220-277/380-480 V ~ | 15 | 20 |
| NKP-G 40-250/204 /A/BAQE /18,5 /2 | 2 | MEC 160L | 3x220-277/380-480 V ~ | 18,5 | 25 |
| NKP-G 40-250/213 /A/BAQE /22 /2 | 2 | MEC 180M | 3x220-277/380-480 V ~ | 22 | 30 |
| NKP-G 40-250/232 /A/BAQE /30 /2 | 2 | MEC 200L | 3x220-277/380-480 V ~ | 30 | 40 |
| NKP-G 50-125/105 /A/BAQE / 4 /2 | 2 | MEC 112M | 3x220-277/380-480 V ~ | 4 | 5,5 |
| NKP-G 50-125/115 /A/BAQE / 5,5 /2 | 2 | MEC 132S | 3x220-277/380-480 V ~ | 5,5 | 7,5 |
| NKP-G 50-125/127 /A/BAQE / 7,5 /2 | 2 | MEC 132S | 3x220-277/380-480 V ~ | 7,5 | 10 |
| NKP-G 50-160/129 /A/BAQE / 7.5 /2 | 2 | MEC 132S | 3x220-277/380-480 V ~ | 7,5 | 10 |
| NKP-G 50-160/145 /A/BAQE /11 /2 | 2 | MEC 160M | 3x220-277/380-480 V ~ | 11 | 15 |
| NKP-G 50-200/170 /A/BAQE /15 /2 | 2 | MEC 160M | 3x220-277/380-480 V ~ | 15 | 20 |
| NKP-G 50-200/180 /A/BAQE /18,5 /2 | 2 | MEC 160L | 3x220-277/380-480 V ~ | 18,5 | 25 |
| NKP-G 50-200/190 /A/BAQE /22 /2 | 2 | MEC 180M | 3x220-277/380-480 V ~ | 22 | 30 |
| NKP-G 50-250/196 /A/BAQE /22 /2 | 2 | MEC 180M | 3x220-277/380-480 V ~ | 22 | 30 |
| NKP-G 50-250/215 /A/BAQE /30 /2 | 2 | MEC 200L | 3x220-277/380-480 V ~ | 30 | 40 |
| NKP-G 50-250/230 /A/BAQE /37 /2 | 2 | MEC 200L | 380/480 Δ | 37 | 50 |
| NKP-G 65-125/120-114/A/BAQE /7,5/2 | 2 | MEC 132S | 3x220-277/380-480 V ~ | 7,5 | 10 |
| NKP-G 65-160/137 /A/BAQE /11 /2 | 2 | MEC 160M | 3x220-277/380-480 V ~ | 11 | 15 |
| NKP-G 65-160/149 /A/BAQE /15 /2 | 2 | MEC 160M | 3x220-277/380-480 V ~ | 15 | 20 |
| NKP-G 65-200/160 /A/BAQE /18,5 /2 | 2 | MEC 160L | 3x220-277/380-480 V ~ | 18,5 | 25 |
| NKP-G 65-200/167 /A/BAQE /22 /2 | 2 | MEC 180M | 3x220-277/380-480 V ~ | 22 | 30 |
| NKP-G 65-200/180 /A/BAQE /30 /2 | 2 | MEC 200L | 3x220-277/380-480 V ~ | 30 | 40 |
| NKP-G 65-200/197 /A/BAQE /37 /2 | 2 | MEC 200L | 380/480 Δ | 37 | 50 |
| NKP-G 80-160/147-127/A/BAQE/18,5/2 | 2 | MEC 160L | 3x220-277/380-480 V ~ | 18,5 | 25 |
| NKP-G 80-160/146 /A/BAQE /22 /2 | 2 | MEC 180M | 3x220-277/380-480 V ~ | 22 | 30 |
| NKP-G 80-200/164 /A/BAQE /30 /2 | 2 | MEC 200L | 3x220-277/380-480 V ~ | 30 | 40 |
| NKP-G 80-200/172 /A/BAQE /37 /2 | 2 | MEC 200L | 380/480 Δ | 37 | 50 |
| NKP-G 80-200/184 /A/BAQE /45 /2 | 2 | MEC 225M | 380/480 Δ | 45 | 61 |

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

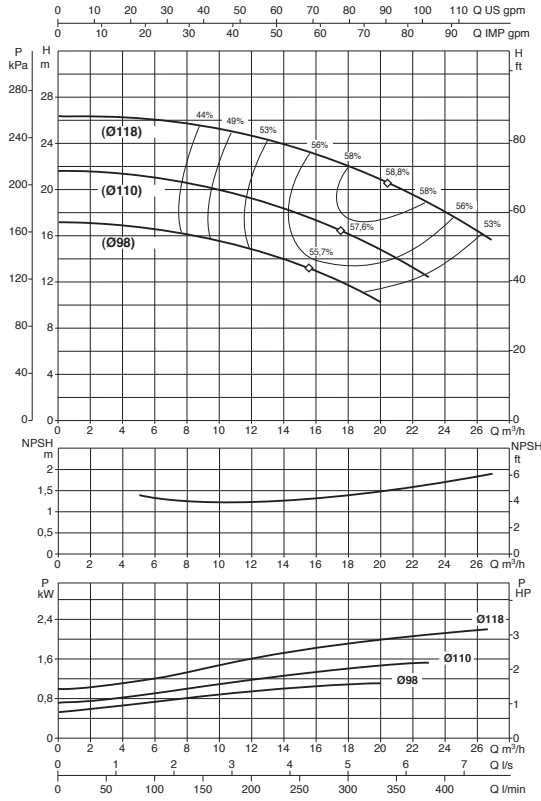
SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

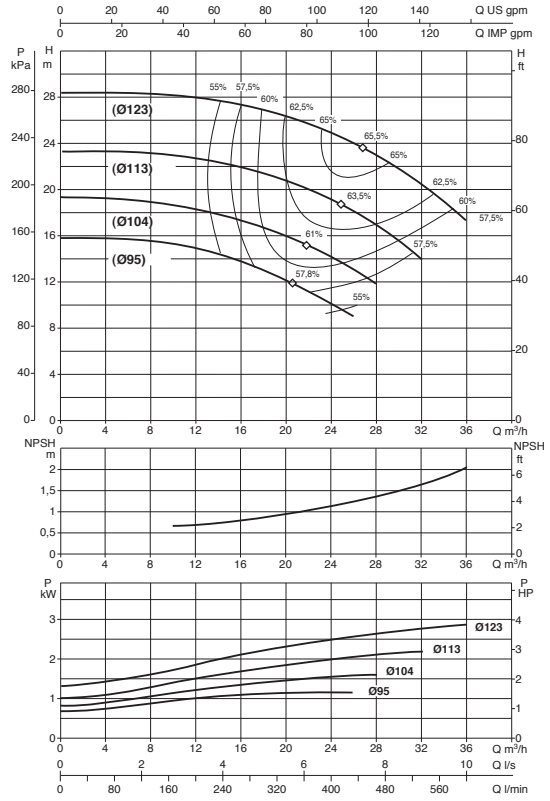
The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

HYDRAULIC DATA

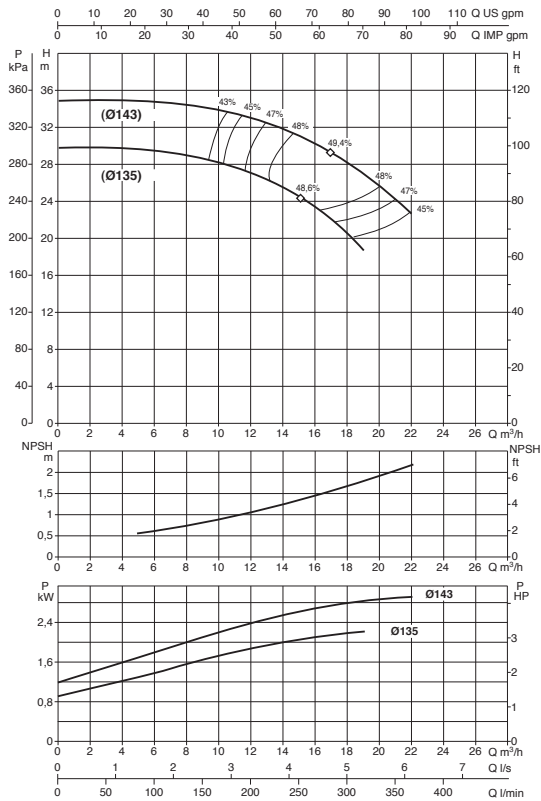
NKP-G 32-125.1



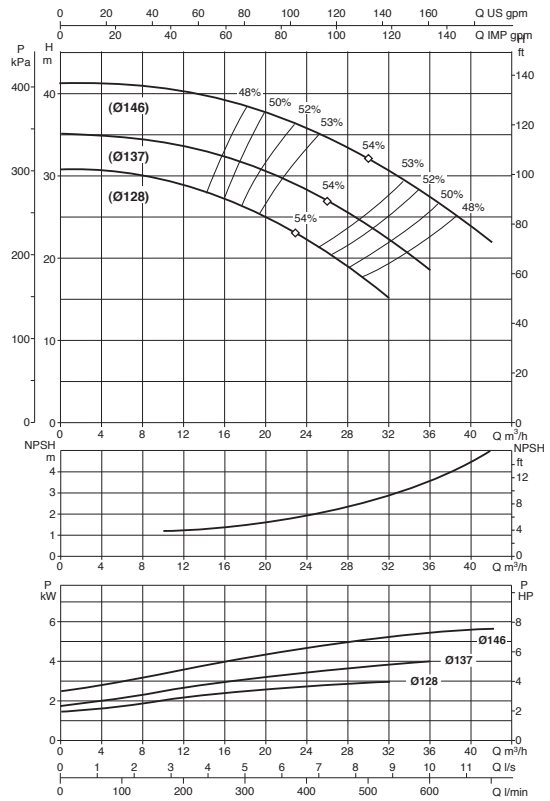
NKP-G 32-125



NKP-G 32-160.1



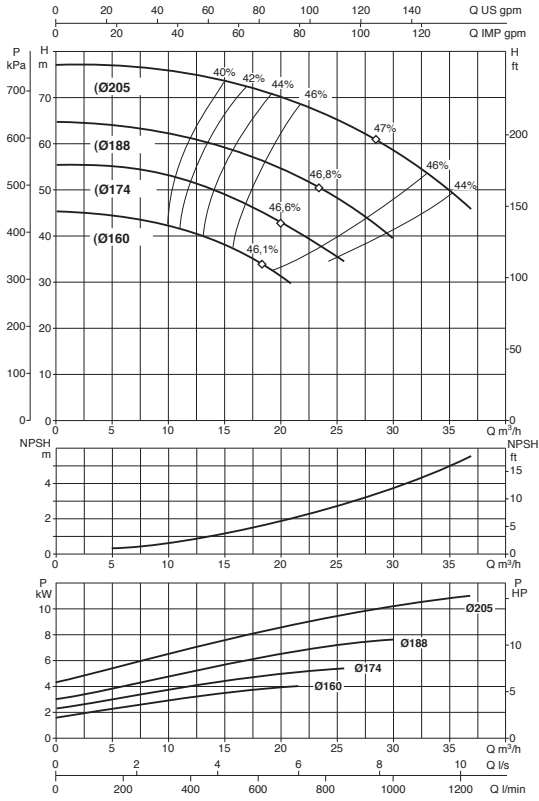
NKP-G 32-160



The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

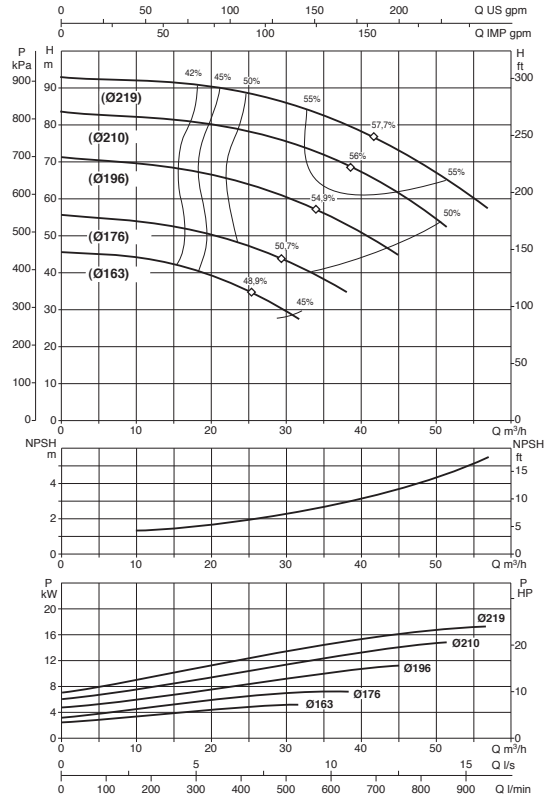
HYDRAULIC DATA

NKP-G 32-200.1

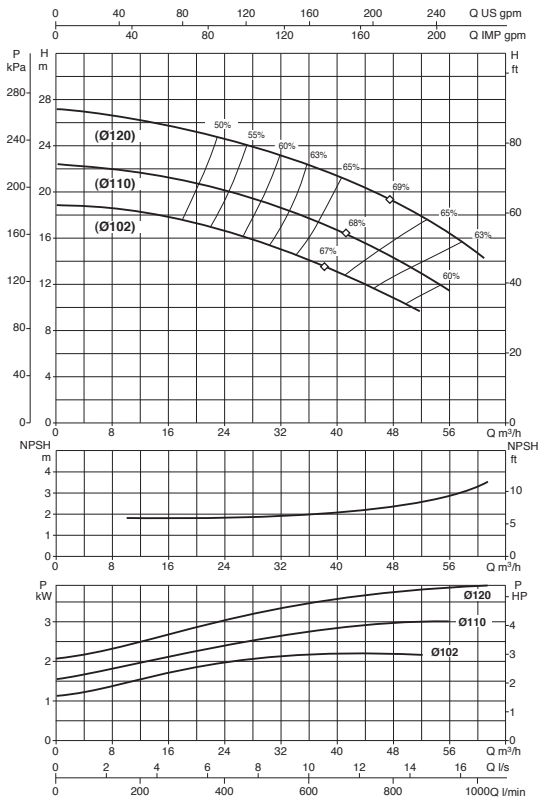


2-POLES MOTOR (≅ 3500 r.p.m.)

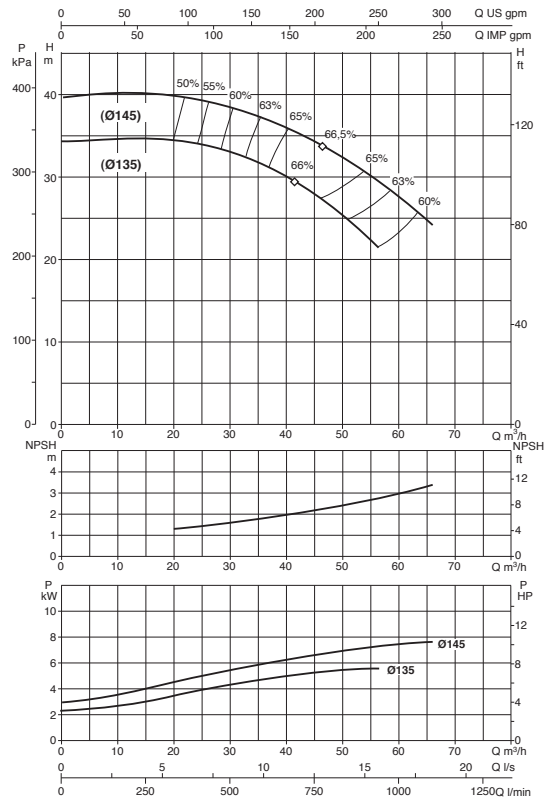
NKP-G 32-200



NKP-G 40-125



NKP-G 40-160



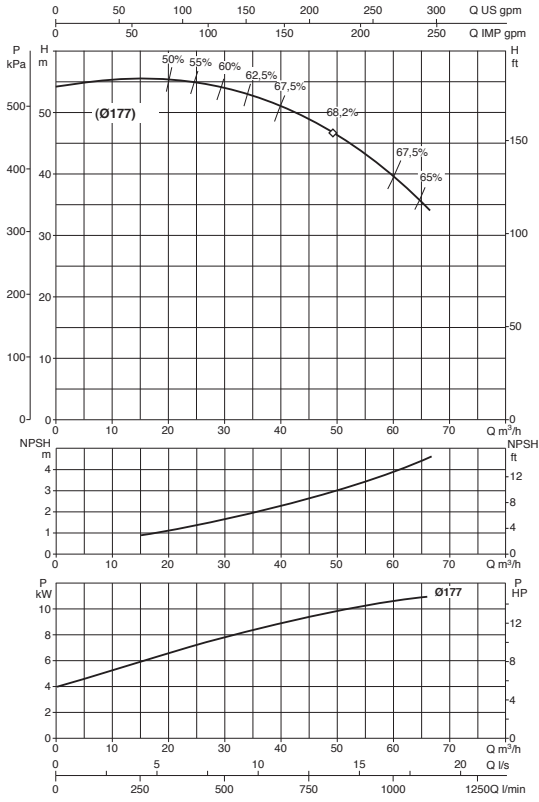
NKP-G

STANDARDISED ENBLOC CENTRIFUGAL PUMPS

The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

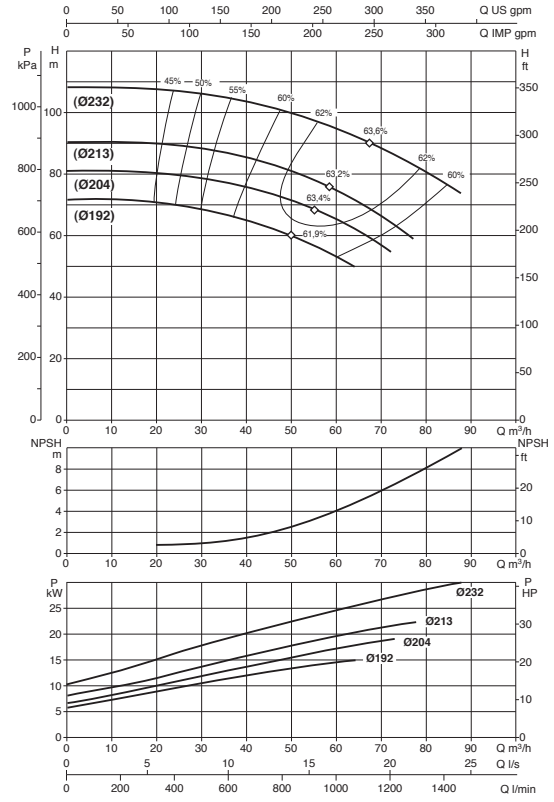
HYDRAULIC DATA

NKP-G 40-200

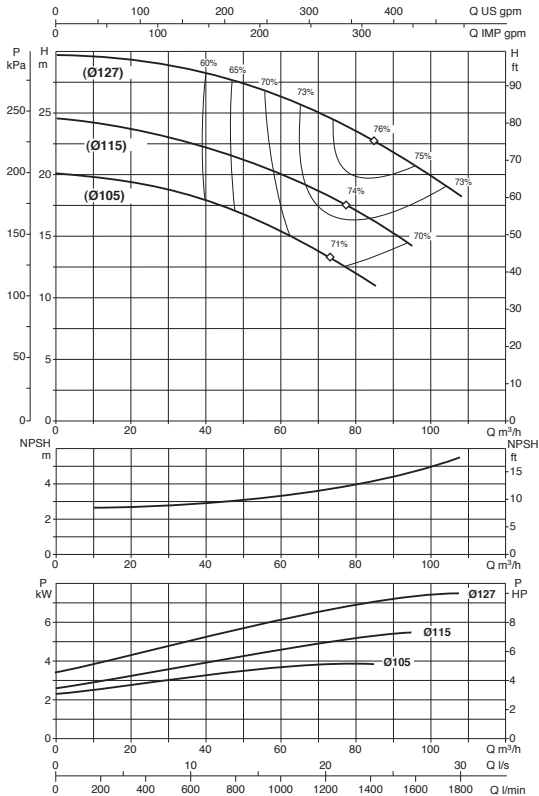


2-POLES MOTOR (\cong 3500 r.p.m.)

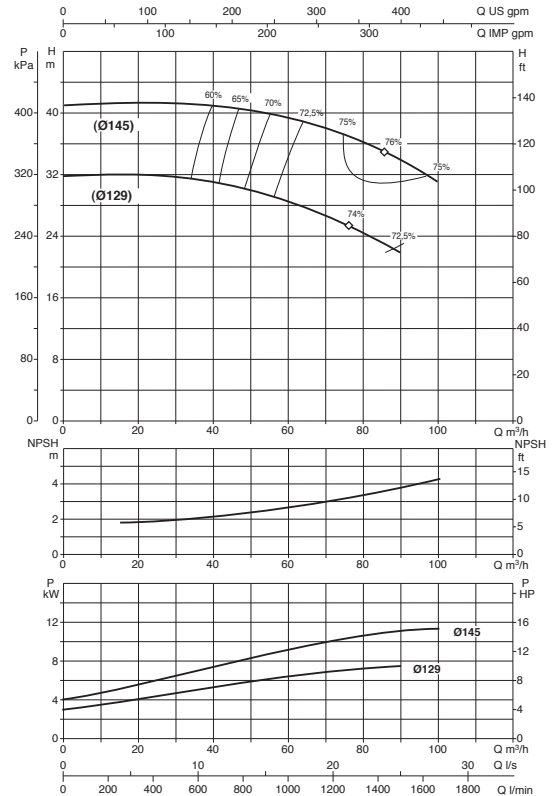
NKP-G 40-250



NKP-G 50-125



NKP-G 50-160



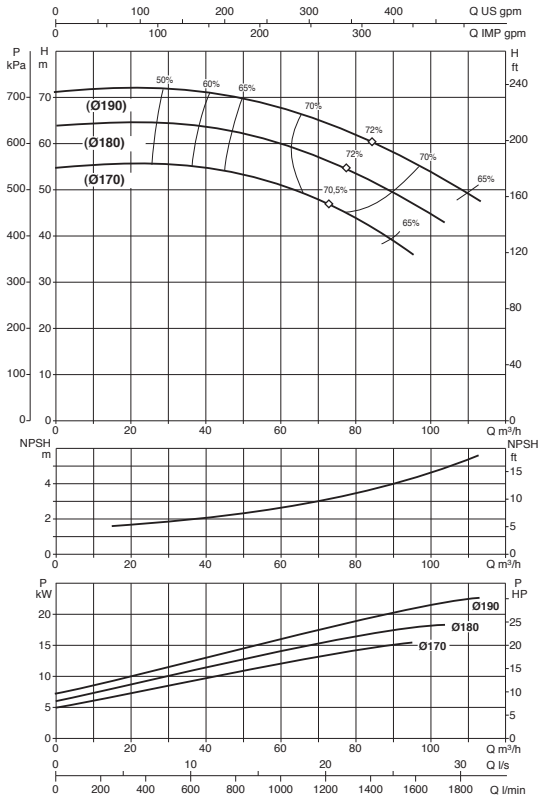
NKP-G

STANDARDISED ENBLOC CENTRIFUGAL PUMPS

The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

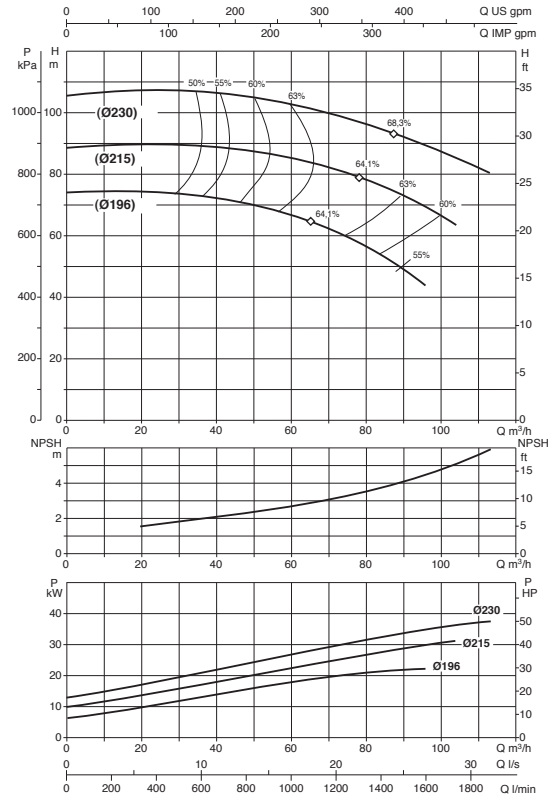
HYDRAULIC DATA

NKP-G 50-200

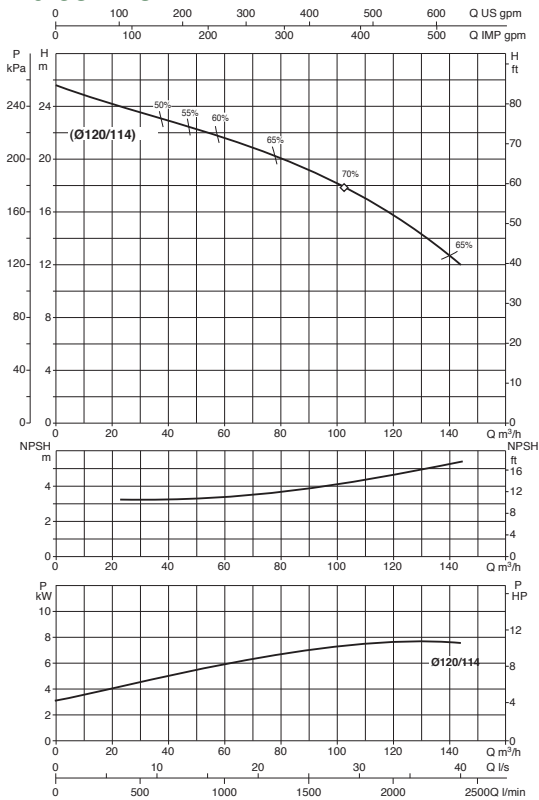


2-POLES MOTOR(≅ 3500 r.p.m.)

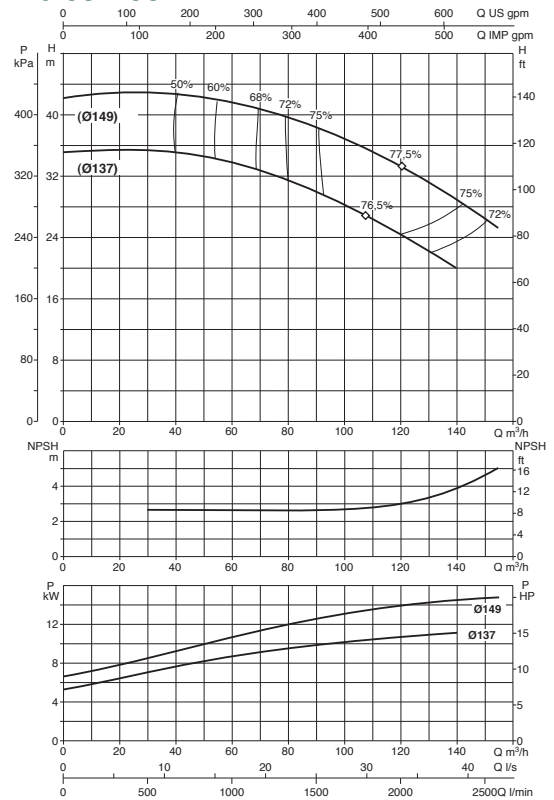
NKP-G 50-250



NKP-G 65-125



NKP-G 65-160



NKP-G

STANDARDISED ENBLOC CENTRIFUGAL PUMPS

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

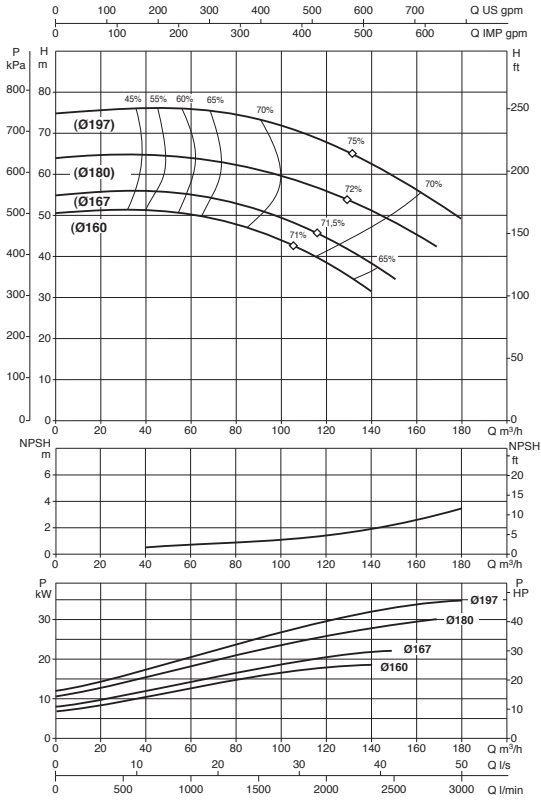
SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

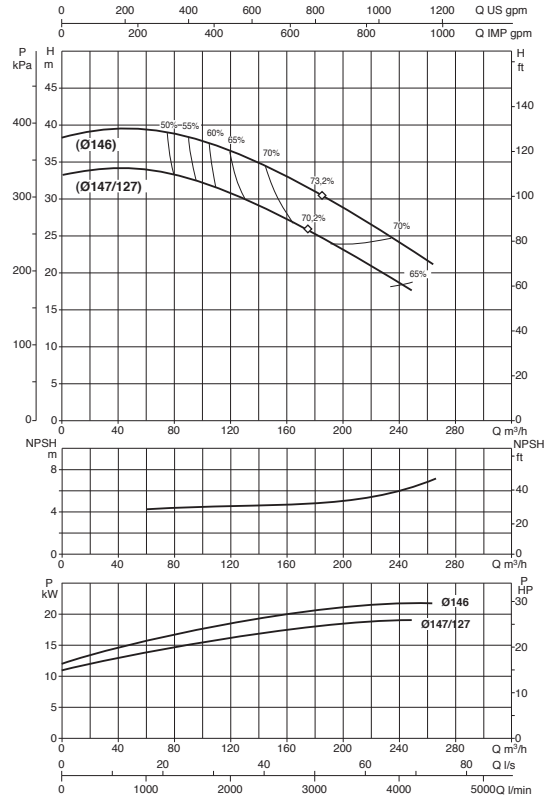
HYDRAULIC DATA

NKP-G 65-200

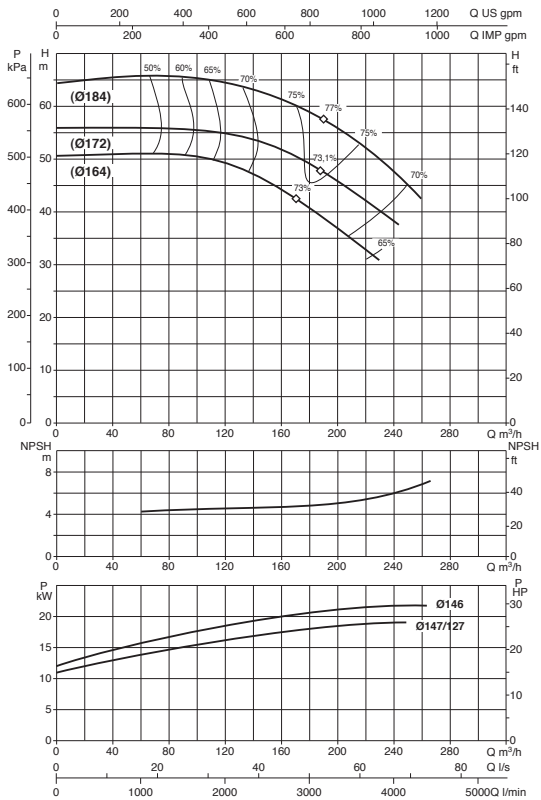


2-POLES MOTOR(≅ 3500 r.p.m.)

NKP-G 80-160



NKP-G 80-200



DIMENSIONS AND WEIGHTS

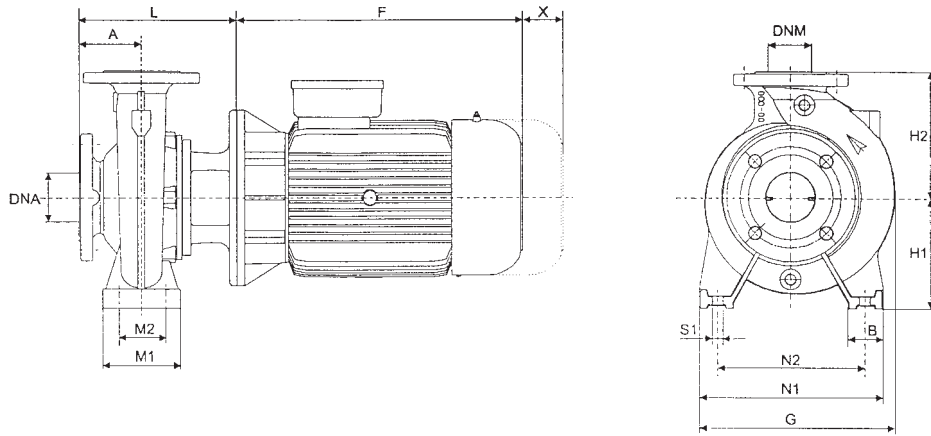


FIG. A

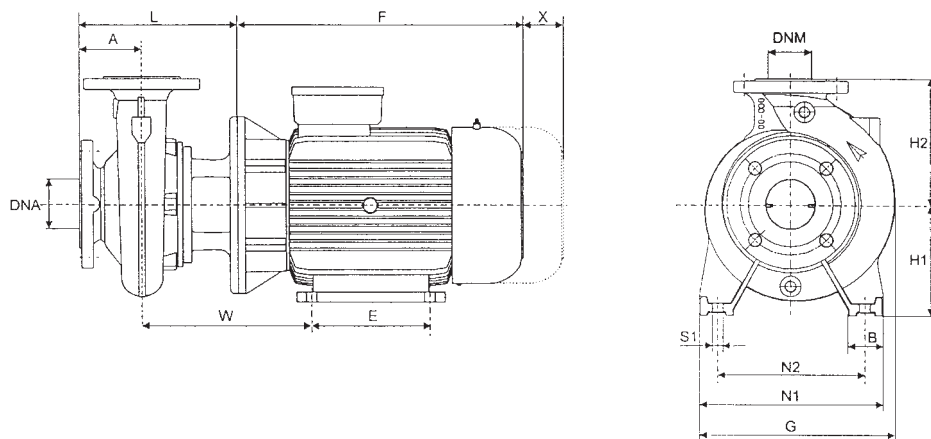


FIG. B

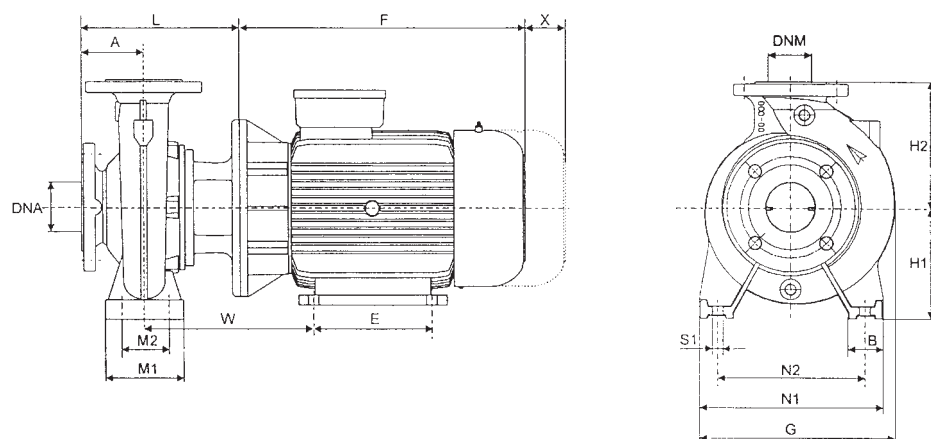


FIG. C

DIMENSIONS AND WEIGHTS

| MODEL | Fig | DNA | DNM | A | B | E | F | G | H1 | H2 | L | M1 | M2 | N1 | N2 | S1 | W | X | * | ** | WEIGHT Kg |
|-------------------------------------|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|----|----|-----------|
| NKP-G 32-125.1/98/A/ BAQE /1.1/2 | A | 50 | 32 | 80 | 50 | – | 234 | 234 | 112 | 140 | 226 | 100 | 70 | 190 | 140 | M12 | – | 100 | – | – | 49,3 |
| NKP-G 32-125.1/110/A/ BAQE /1.5/2 | A | 50 | 32 | 80 | 50 | – | 247 | 234 | 112 | 140 | 226 | 100 | 70 | 190 | 140 | M12 | – | 100 | – | – | 47,3 |
| NKP-G 32-125.1/118/A/ BAQE /2.2/2 | A | 50 | 32 | 80 | 50 | – | 272 | 234 | 112 | 140 | 226 | 100 | 70 | 190 | 140 | M12 | – | 100 | – | – | 45,9 |
| NKP-G 32-125/95/A/ BAQE /1.1/2 | A | 50 | 32 | 80 | 50 | – | 234 | 234 | 112 | 140 | 226 | 100 | 70 | 190 | 140 | M12 | – | 100 | – | – | 52,7 |
| NKP-G 32-125/104/A/ BAQE /1.5/2 | A | 50 | 32 | 80 | 50 | – | 247 | 234 | 112 | 140 | 226 | 100 | 70 | 190 | 140 | M12 | – | 100 | – | – | 43,3 |
| NKP-G 32-125/113/A/ BAQE /2.2/2 | A | 50 | 32 | 80 | 50 | – | 272 | 234 | 112 | 140 | 226 | 100 | 70 | 190 | 140 | M12 | – | 100 | – | – | 36,8 |
| NKP-G 32-125/123/A/ BAQE /3/2 | A | 50 | 32 | 80 | 50 | – | 301 | 250 | 112 | 140 | 254 | 100 | 70 | 190 | 140 | M12 | – | 100 | – | 20 | 35,8 |
| NKP-G 32-160.1 135/A/ BAQE /2.2/2 | A | 50 | 32 | 80 | 50 | – | 272 | 245 | 132 | 160 | 226 | 100 | 70 | 240 | 190 | M12 | – | 100 | – | – | 70 |
| NKP-G 32-160.1 143/A/ BAQE /3/2 | A | 50 | 32 | 80 | 50 | – | 301 | 250 | 132 | 160 | 254 | 100 | 70 | 240 | 190 | M12 | – | 100 | – | – | 61 |
| NKP-G 32-160/128/A/ BAQE /3/2 | A | 50 | 32 | 80 | 50 | – | 301 | 250 | 132 | 160 | 254 | 100 | 70 | 240 | 190 | M12 | – | 100 | – | – | 104 |
| NKP-G 32-160/137/A/ BAQE /4/2 | A | 50 | 32 | 80 | 50 | – | 301 | 250 | 132 | 160 | 254 | 100 | 70 | 240 | 190 | M12 | – | 100 | – | – | 80 |
| NKP-G 32-160/146/A/ BAQE /5,5/2 | A | 50 | 32 | 80 | 50 | – | 390 | 300 | 132 | 160 | 293 | 100 | 70 | 240 | 190 | M12 | – | 100 | – | 20 | 70 |
| NKP-G 32-200.1 160/A/ BAQE /4/2 | A | 50 | 32 | 80 | 50 | – | 301 | 279 | 160 | 180 | 254 | 100 | 70 | 240 | 190 | M12 | – | 100 | – | – | 105 |
| NKP-G 32-200.1 174/A/ BAQE /5,5/2 | A | 50 | 32 | 80 | 50 | – | 390 | 300 | 160 | 180 | 293 | 100 | 70 | 240 | 190 | M12 | – | 100 | – | – | 89 |
| NKP-G 32-200.1 188/A/ BAQE /7,5/2 | A | 50 | 32 | 80 | 50 | – | 390 | 300 | 160 | 180 | 293 | 100 | 70 | 240 | 190 | M12 | – | 100 | – | – | 86 |
| NKP-G 32-200.1 205/A/ BAQE /11/2 | B | 50 | 32 | 80 | 60 | 210 | 460 | 350 | 160 | 180 | 323 | – | – | 292 | 254 | M14 | 351 | 100 | 20 | – | 75 |
| NKP-G 32-200/163/A/ BAQE /5,5/2 | A | 50 | 32 | 80 | 50 | – | 390 | 300 | 160 | 180 | 293 | 100 | 70 | 240 | 190 | M12 | – | 100 | – | – | 140 |
| NKP-G 32-200/176/A/ BAQE /7,5/2 | A | 50 | 32 | 80 | 50 | – | 390 | 300 | 160 | 180 | 293 | 100 | 70 | 240 | 190 | M12 | – | 100 | – | – | 118 |
| NKP-G 32-200/196/A/ BAQE /11/2 | B | 50 | 32 | 80 | 60 | 210 | 460 | 350 | 160 | 180 | 323 | – | – | 292 | 254 | M14 | 351 | 100 | 20 | – | 108 |
| NKP-G 32-200/210/A/ BAQE /15/2 | B | 50 | 32 | 80 | 60 | 210 | 460 | 350 | 160 | 180 | 323 | – | – | 292 | 254 | M14 | 351 | 100 | 20 | – | 91,1 |
| NKP-G 32-200/219/A/ BAQE /18,5/2 | B | 50 | 32 | 80 | 67 | 254 | 540 | 350 | 160 | 180 | 323 | – | – | 315 | 254 | M14 | 351 | 100 | 20 | – | 87,7 |
| NKP-G 40-125/102/A/ BAQE /2,2/2 | A | 65 | 40 | 80 | 50 | – | 272 | 234 | 112 | 140 | 226 | 100 | 70 | 210 | 160 | M12 | – | 100 | – | – | 81 |
| NKP-G 40-125/110/A/ BAQE /3/2 | A | 65 | 40 | 80 | 50 | – | 301 | 250 | 112 | 140 | 254 | 100 | 70 | 210 | 160 | M12 | – | 100 | – | 20 | 68 |
| NKP-G 40-125/120/A/ BAQE /4/2 | A | 65 | 40 | 80 | 50 | – | 301 | 250 | 112 | 140 | 254 | 100 | 70 | 210 | 160 | M12 | – | 100 | – | 20 | 57 |
| NKP-G 40-160/135/A/ BAQE /5,5/2 | A | 65 | 40 | 80 | 50 | – | 390 | 300 | 132 | 160 | 293 | 100 | 70 | 240 | 190 | M12 | – | 100 | – | 20 | 88,7 |
| NKP-G 40-160/145/A/ BAQE /7,5/2 | A | 65 | 40 | 80 | 50 | – | 390 | 300 | 132 | 160 | 293 | 100 | 70 | 240 | 190 | M12 | – | 100 | – | 20 | 81,5 |
| NKP-G 40-200/177/A/ BAQE /11/2 | B | 65 | 40 | 100 | 60 | 210 | 460 | 350 | 160 | 180 | 343 | – | – | 292 | 254 | M14 | 351 | 100 | 20 | – | 122,1 |
| NKP-G 40-250/192/A/ BAQE /15/2 | B | 65 | 40 | 100 | 60 | 210 | 460 | 350 | 160 | 225 | 343 | – | – | 292 | 254 | M14 | 351 | 100 | 20 | – | 222 |
| NKP-G 40-250/204/A/ BAQE /18,5/2 | B | 65 | 40 | 100 | 67 | 254 | 540 | 350 | 160 | 225 | 343 | – | – | 315 | 254 | M14 | 351 | 100 | 20 | – | 190 |
| NKP-G 40-250/213/A/ BAQE /22/2 | B | 65 | 40 | 100 | 80 | 241 | 580 | 350 | 180 | 225 | 343 | – | – | 350 | 279 | M14 | 364 | 100 | – | – | 176,3 |
| NKP-G 40-250/232/A/ BAQE /30/2 | B | 65 | 40 | 100 | 90 | 305 | 640 | 400 | 200 | 225 | 343 | – | – | 395 | 318 | M18 | 376 | 100 | 20 | – | 137 |
| NKP-G 50-125/105/A/ BAQE /4/2 | A | 65 | 50 | 100 | 50 | – | 301 | 251 | 132 | 160 | 274 | 100 | 70 | 240 | 190 | M12 | – | 100 | – | – | 86,4 |
| NKP-G 50-125/115/A/ BAQE /5,5/2 | A | 65 | 50 | 100 | 50 | – | 390 | 300 | 132 | 160 | 313 | 100 | 70 | 240 | 190 | M12 | – | 100 | – | 20 | 83,4 |
| NKP-G 50-125/127/A/ BAQE /7,5 /2 | A | 65 | 50 | 100 | 50 | – | 390 | 300 | 132 | 160 | 313 | 100 | 70 | 240 | 190 | M12 | – | 100 | – | 20 | 84 |
| NKP-G 50-160/129/A/ BAQE /7,5/2 | A | 65 | 50 | 100 | 50 | – | 390 | 300 | 160 | 180 | 313 | 100 | 70 | 265 | 212 | M12 | – | 100 | – | – | 119 |
| NKP-G 50-160/145/A/ BAQE /11/2 | B | 65 | 50 | 100 | 60 | 210 | 460 | 350 | 160 | 180 | 343 | – | – | 292 | 254 | M14 | 351 | 100 | 20 | – | 88,2 |
| NKP-G 50-200/170/A/ BAQE /15/2 | B | 65 | 50 | 100 | 60 | 210 | 460 | 350 | 160 | 200 | 343 | – | – | 292 | 254 | M14 | 351 | 100 | 20 | – | 184,4 |
| NKP-G 50-200/180/A/ BAQE /18,5/2 | B | 65 | 50 | 100 | 67 | 254 | 540 | 350 | 160 | 200 | 343 | – | – | 315 | 254 | M14 | 351 | 100 | 20 | – | 170,1 |
| NKP-G 50-200/190/A/ BAQE /22/2 | B | 65 | 50 | 100 | 80 | 241 | 580 | 350 | 180 | 200 | 343 | – | – | 350 | 279 | M14 | 364 | 100 | – | – | 133,5 |
| NKP-G 50-250/196/A/ BAQE /22/2 | B | 65 | 50 | 100 | 80 | 241 | 580 | 350 | 180 | 225 | 343 | – | – | 350 | 279 | M14 | 364 | 100 | – | – | 260 |
| NKP-G 50-250/215/A/ BAQE /30/2 | B | 65 | 50 | 100 | 90 | 305 | 640 | 400 | 200 | 225 | 343 | – | – | 395 | 318 | M18 | 376 | 100 | 20 | – | 240 |
| NKP-G 50-250/230/A/ BAQE /37/2 | B | 65 | 50 | 100 | 90 | 305 | 640 | 400 | 200 | 225 | 343 | – | – | 395 | 318 | M18 | 376 | 100 | 20 | – | 248 |
| NKP-G 65-125/120-114/A/ BAQE /7,5/2 | A | 80 | 65 | 100 | 65 | – | 390 | 300 | 160 | 180 | 313 | 125 | 95 | 280 | 212 | M12 | – | 100 | – | – | 90,7 |
| NKP-G 65-160/137/A/ BAQE /11/2 | B | 80 | 65 | 100 | 60 | 210 | 460 | 350 | 160 | 200 | 343 | – | – | 292 | 254 | M14 | 351 | 100 | 20 | – | 128 |
| NKP-G 65-160/149/A/ BAQE /15/2 | B | 80 | 65 | 100 | 60 | 210 | 460 | 350 | 160 | 200 | 343 | – | – | 292 | 254 | M14 | 351 | 100 | 20 | – | 121,5 |
| NKP-G 65-200/160/A/ BAQE /18,5/2 | B | 80 | 65 | 100 | 67 | 254 | 540 | 350 | 160 | 225 | 343 | – | – | 315 | 254 | M14 | 351 | 140 | 20 | – | 258 |
| NKP-G 65-200/167/A/ BAQE /22/2 | B | 80 | 65 | 100 | 80 | 241 | 580 | 350 | 180 | 225 | 343 | – | – | 350 | 279 | M14 | 364 | 140 | – | – | 238 |
| NKP-G 65-200/180/A/ BAQE /30/2 | B | 80 | 65 | 100 | 90 | 305 | 640 | 400 | 200 | 225 | 343 | – | – | 395 | 318 | M18 | 376 | 140 | 20 | – | 188,1 |
| NKP-G 65-200/197/A/ BAQE /37/2 | B | 80 | 65 | 100 | 90 | 305 | 640 | 400 | 200 | 225 | 343 | – | – | 395 | 318 | M18 | 376 | 140 | 20 | – | 238 |
| NKP-G 80-160/147-27/A/ BAQE /18,5/2 | B | 100 | 80 | 125 | 67 | 254 | 540 | 350 | 160 | 225 | 368 | – | – | 315 | 254 | M14 | 351 | 140 | 20 | – | 187 |
| NKP-G 80-160/146/A/ BAQE /22/2 | B | 100 | 80 | 125 | 80 | 241 | 580 | 350 | 180 | 225 | 368 | – | – | 350 | 279 | M14 | 364 | 140 | – | – | 172,4 |
| NKP-G 80-200/164/A/ BAQE /30/2 | C | 100 | 80 | 125 | 65 | 305 | 640 | 400 | 180 | 250 | 398 | 125 | 95 | 345 | 280 | M12 | 406 | 140 | 20 | 40 | 324 |
| NKP-G 80-200/172/A/ BAQE /37/2 | C | 100 | 80 | 125 | 65 | 305 | 640 | 400 | 180 | 250 | 398 | 125 | 95 | 345 | 280 | M12 | 406 | 140 | 20 | 40 | 276 |
| NKP-G 80-200/184/A/ BAQE /45/2 | C | 100 | 80 | 125 | 65 | 311 | 690 | 450 | 180 | 250 | 398 | 125 | 95 | 345 | 280 | M12 | 422 | 140 | 20 | 65 | 255,3 |

* under-engine chock ** chock under the pump



ACCESSORIES

Available on request separately from the pump. Used to level the pump during installation so as to make up for the difference in centreline heights between the pump and the motor. The kit comprises two shims with dimensions A (width), B (length), H (height) shown in the table.

The shims with a height of over 20 mm are supplied complete with screws, nuts and washers in order to fix them to the pump and motor.

NKM-G 4 POLES

| MODEL | For pump type | P2 kW | DIMENSIONS A x B x H mm |
|----------------|-------------------------|-------|-------------------------|
| SHIMS KIT nr 1 | NKM-G 65-315/309/11/4 | 11 | 90 x 335 x 65 |
| SHIMS KIT nr 5 | NKM-G 80-250/270/11/4 | 11 | 80 x 290 x 40 |
| SHIMS KIT nr 2 | NKM-G 80-315/305/15/4 | 15 | 90 x 335 x 90 |
| SHIMS KIT nr 3 | NKM-G 80-315/320/18,5/4 | 18,5 | 100 x 320 x 70 |
| | NKM-G 80-315/334/22/4 | 22 | |
| SHIMS KIT nr 1 | NKM-G100-250/250/11/4 | 11 | 90 x 335 x 65 |
| | NKM-G100-250/270/15/4 | 15 | |
| SHIMS KIT nr 3 | NKM-G100-315/300/18,5/4 | 18,5 | 100 x 320 x 70 |
| | NKM-G100-315/316/22/4 | 22 | |
| SHIMS KIT nr 2 | NKM-G125-250/243/15/4 | 15 | 90 x 335 x 90 |
| SHIMS KIT nr 3 | NKM-G125-250/256/18,5/4 | 18,5 | 100 x 320 x 70 |
| | NKM-G125-250/266/22/4 | 22 | |
| SHIMS KIT nr 4 | NKM-G150-200/218/11/4 | 11 | 80 X 290 X 120 |

NKP-G 2 POLES

| MODEL | COUNTERFLANGES AND SEALS | P2 kW | DIMENSIONS A x B x H mm |
|----------------|---------------------------|-------|-------------------------|
| SHIMS KIT nr 6 | NKP-G 32-125/142/ 3/2 | 3 | 50 x 100 x 20 |
| | NKP-G 32-160/177/5,5/2 | 5,5 | |
| | NKP-G 40-125/130/ 3/2 | 3 | |
| | NKP-G 40-125/139/ 4/2 | 4 | |
| | NKP-G 40-160/158/ 5,5/2 | 5,5 | |
| SHIMS KIT nr 7 | NKP-G 40-160/172/ 7,5/2 | 7,5 | 70 X 332 X 20 |
| | NKP-G 40-200/210/11/2 | 11 | |
| | NKP-G 40-250/230/15/2 | 15 | |
| SHIMS KIT nr 6 | NKP-G 40-250/245/18,5/2 | 18,5 | 50 X 100 X 20 |
| | NKP-G 50-125/135/ 5,5/2 | 5,5 | |
| SHIMS KIT nr 7 | NKP-G 50-125/144/ 7,5/2 | 7,5 | 70 X 332 X 20 |
| | NKP-G 50-160/169/11/2 | 11 | |
| | NKP-G 50-200/200/15/2 | 15 | |
| | NKP-G 50-200/210/18,5/2 | 18,5 | |
| | NKP-G 65-160/157/11/2 | 11 | |
| | NKP-G 65-160/173/15/2 | 15 | |
| | NKP-G 65-200/190/18,5/2 | 18,5 | |
| | NKP-G 80-160/147-127/11/2 | 11 | |
| | NKP-G 80-160/153/15/2 | 15 | |
| | NKP-G 80-160/163/18,5/2 | 18,5 | |
| SHIMS KIT nr 8 | NKP-G 80-200/190/30/2 | 30 | 70 X 125 X 20 |

COUNTERFLANGE KIT

The kit comprises suction and delivery counterflanges with the relative seals, screws and nuts required by the size of the pump to which it refers.



| MODEL | COUNTERFLANGES AND SEALS | / | MATERIAL | PN | WEIGHT Kg |
|--------|--------------------------|--------------|-----------------|----|-----------|
| DIN 32 | 1 x DN 32 + 1 x DN 50 | THREADED | STAINLESS STEEL | 16 | 5,9 |
| DIN 40 | 1 x DN 40 + 1 x DN 65 | THREADED | STAINLESS STEEL | 16 | 6,6 |
| DIN 50 | 1 x DN 50 + 1 x DN 65 | THREADED | STAINLESS STEEL | 16 | 7,6 |
| DIN 65 | 1 x DN 65 + 1 x DN 80 | THREADED | STAINLESS STEEL | 16 | 8,6 |
| DIN 32 | 1 x DN 32 + 1 x DN 50 | TO BE WELDED | STAINLESS STEEL | 16 | 5,1 |
| DIN 40 | 1 x DN 40 + 1 x DN 65 | TO BE WELDED | STAINLESS STEEL | 16 | 6 |

| MODEL | COUNTERFLANGES AND SEALS | / | MATERIAL | PN | WEIGHT Kg |
|---------|--------------------------|--------------|-----------------|------------------|-----------|
| DIN 50 | 1 x DN 50 + 1 x DN 65 | TO BE WELDED | STAINLESS STEEL | 16 | 6,6 |
| DIN 65 | 1 x DN 65 + 1 x DN 80 | TO BE WELDED | STAINLESS STEEL | 16 | 8,1 |
| DIN 80 | 1 x DN 80 + 1 x DN 100 | TO BE WELDED | STAINLESS STEEL | 16 | 10,4 |
| DIN 100 | 1 x DN 100 + 1 x DN 125 | TO BE WELDED | STAINLESS STEEL | 16 | 13,13 |
| DIN 125 | 1 x DN 125 + 1 x DN 150 | TO BE WELDED | STAINLESS STEEL | 16 | 16,4 |
| DIN 150 | 1 x DN 150 + 1 x DN 200 | TO BE WELDED | STAINLESS STEEL | 16 (10 x DN 200) | 21,5 |



Enbloc, centrifugal electric pumps with coupling designed for a wide range of applications such as:

- Supplying water.
- The circulation of hot water for central heating.
- The circulation of cold water for air conditioning and refrigerating.
- The transfer of liquids in agriculture, horticulture and industries.
- The implementation of pumping systems.

These can be connected to a two or four poles electric motor with a coupling and mounted on a pressed metal bedplate in accordance with UNI EN 23661.

Single-stage, cast iron spiral body made to DIN-EN 733 (formerly DIN 24255), cast iron seal holder cover and motor support, flanges in accordance with DIN 2533 (DIN 2532 for DN 200).

Impeller in cast iron, encased and dynamically balanced with compensation of the axial thrust by means of balancing holes, operating (on request) with interchangeable consumable rings.

Stainless steel pump shaft supported by two large maintenance-free greased ball bearings, housed inside a special chamber of the support. Standard seal: standardised mechanical seal made to DIN 24960 in carbon/carborundum with O' rings in EPDM. Packing on request with hydraulic lubricating ring and stuffing box in two easily removable parts.

Speed of rotation 1450 - 2900 1/min.

Operating range

from 1 to 500 m³/h with a head of up to 100 metres.

Pumped liquid clean, without solid or abrasive substances, not viscous, not aggressive, not crystallised and chemically neutral, close to water characteristics.

Liquid temperature range

from -10°C to +140°C.

Maximum ambient temperature +40°C.

Maximum working pressure

16 bar - 1600 kPa (for DN 200 max. 10 bar).

Flanging

PN 16 DIN 2533 - PN 10 DIN 2532 for DN 200

Installation normally horizontal.

Special versions on request pumps for liquids other than water.

Other voltages and/or frequencies.



TECHNICAL DATA - KDN

| MODEL | POWER (kW) | | ENGINE SIZE | VOLTAGE 60 Hz | I nom (A) | FLANGE DIMENS. (mm) | |
|--------------|------------|---------|-------------|-------------------|---------------------|---------------------|-----|
| | 4 POLES | 2 POLES | | | | DNA | DNM |
| KDN 32-125.1 | 0.37 | - | MEC 71 | 220/277-380/480 V | 2.08/1.99-1.2/1.15 | 50 | 32 |
| | 0.55 | - | MEC 80 | 220/277-380/480 V | 2.76/2.5-1.6/1.45 | | |
| | 0.75 | - | MEC 80 | 220/277-380/480 V | 3.54/3.37-2.05/1.95 | | |
| | - | 1.1 | MEC80 | 220/277-380/480 V | 4.67/4.15-2.7/2.4 | | |
| | - | 1.5 | MEC 90S | 220/277-380/480 V | 6.2/5.36-3.6/3.1 | | |
| | - | 2.2 | MEC 90L | 220/277-380/480 V | 9/7.6-5.2/4.4 | | |
| | - | 3 | MEC 100L | 220/277-380/480 V | 6.5-5.9 | | |
| | - | 4 | MEC 112M | 220/277-380/480 V | 8.8-8 | | |
| KDN 32-125 | 0.37 | - | MEC 71 | 220/277-380/480 V | 2.08/1.99-1.2/1.15 | 50 | 32 |
| | 0.55 | - | MEC 80 | 220/277-380/480 V | 2.76/2.5-1.6/1.45 | | |
| | 0.75 | - | MEC 80 | 220/277-380/480 V | 3.54/3.37-2.05/1.95 | | |
| | 1.1 | - | MEC 90S | 220/277-380/480 V | 4.7/4.32-2.7/2.5 | | |
| | - | 1.5 | MEC 90S | 220/277-380/480 V | 6.2/5.36-3.6/3.1 | | |
| | - | 2.2 | MEC 90L | 220/277-380/480 V | 9/7.6-5.2/4.4 | | |
| | - | 3 | MEC 100L | 220/277-380/480 V | 6.5-5.9 | | |
| | - | 4 | MEC 112M | 220/277-380/480 V | 8.8-8 | | |
| | - | 5.5 | MEC 132S | 220/277-380/480 V | 11.2-9.36 | | |
| KDN 32-160.1 | 0.37 | - | MEC 71 | 220/277-380/480 V | 2.08/1.99-1.2/1.15 | 50 | 32 |
| | 0.55 | - | MEC 80 | 220/277-380/480 V | 2.76/2.5-1.6/1.45 | | |
| | 0.75 | - | MEC 80 | 220/277-380/480 V | 3.54/3.37-2.05/1.95 | | |
| | 1.1 | - | MEC 90S | 220/277-380/480 V | 4.7/4.32-2.7/2.5 | | |
| | 1.5 | - | MEC 90L | 220/277-380/480 V | 6.4/6-3.7/3.47 | | |
| | - | 2.2 | MEC 90L | 220/277-380/480 V | 9/7.6-5.2/4.4 | | |
| | - | 3 | MEC 100L | 220/277-380/480 V | 6.5-5.9 | | |
| | - | 4 | MEC 112M | 220/277-380/480 V | 8.8-8 | | |
| | - | 5.5 | MEC 132S | 220/277-380/480 V | 11.2-9.36 | | |
| | - | 7.5 | MEC 132S | 220/277-380/480 V | 15-12.5 | | |
| | - | 11 | MEC 160M | 220/277-380/480 V | 22-18.3 | | |

KDN

STANDARDISED CENTRIFUGAL PUMPS

| MODEL | POWER (kW) | | ENGINE SIZE | VOLTAGE 60 Hz | I nom (A) | FLANGE DIMENS. (mm) | |
|--------------|------------|---------|-------------|-------------------|----------------------|---------------------|-----|
| | 4 POLES | 2 POLES | | | | DNA | DNM |
| KDN 32-160 | 0.37 | - | MEC 71 | 220/277-380/480 V | 2,08/1,99-1,2/1,15 | 50 | 32 |
| | 0.55 | - | MEC 80 | 220/277-380/480 V | 2.76/2.5-1.6/1.45 | | |
| | 0.75 | - | MEC 80 | 220/277-380/480 V | 3.54/3.37-2.05/1.95 | | |
| | 1.1 | - | MEC 90S | 220/277-380/480 V | 4.7/4.32-2.7/2.5 | | |
| | 1.5 | - | MEC 90L | 220/277-380/480 V | 6.4/6-3.7/3.47 | | |
| | - | 3 | MEC 100L | 220/277-380/480 V | 6.5-5.9 | | |
| | - | 4 | MEC 112M | 220/277-380/480 V | 8.8-8 | | |
| | - | 5.5 | MEC 132S | 220/277-380/480 V | 11.2-9.36 | | |
| | - | 7.5 | MEC 132S | 220/277-380/480 V | 15-12.5 | | |
| | - | 11 | MEC 160M | 220/277-380/480 V | 22-18.3 | | |
| | - | 15 | MEC 160M | 220/277-380/480 V | 29-24.7 | | |
| KDN 32-200.1 | 0.75 | - | MEC 71 | 220/277-380/480 V | 2.08/1.99-1.2/1.15 | 50 | 32 |
| | 0.55 | - | MEC 80 | 220/277-380/480 V | 2.76/2.5-1.6/1.45 | | |
| | 0.75 | - | MEC 80 | 220/277-380/480 V | 3.54/3.37-2.05/1.95 | | |
| | 1.1 | - | MEC 90S | 220/277-380/480 V | 4.7/4.32-2.7/2.5 | | |
| | 1.5 | - | MEC 90L | 220/277-380/480 V | 6.4/6-3.7/3.47 | | |
| | 2.2 | - | MEC 100L | 220/277-380/480 V | 9/7.8-5.2/4.5 | | |
| | - | 3 | MEC 100L | 220/277-380/480 V | 6.5-5.9 | | |
| | - | 4 | MEC 112M | 220/277-380/480 V | 8.8-8 | | |
| | - | 5.5 | MEC 132S | 220/277-380/480 V | 11.2-9.36 | | |
| | - | 7.5 | MEC 132S | 220/277-380/480 V | 15-12.5 | | |
| | - | 11 | MEC 160M | 220/277-380/480 V | 22-18.3 | | |
| | - | 15 | MEC 160M | 220/277-380/480 V | 29-24.7 | | |
| | KDN 32-200 | 0.55 | - | MEC 80 | 220/277-380/480 V | | |
| 0.75 | | - | MEC 80 | 220/277-380/480 V | 3.54/3.37-2.05/1.95 | | |
| 1.1 | | - | MEC 90S | 220/277-380/480 V | 4.7/4.32-2.7/2.5 | | |
| 1.5 | | - | MEC 90L | 220/277-380/480 V | 6.4/6-3.7/3.47 | | |
| 2.2 | | - | MEC 100L | 220/277-380/480 V | 9/7.8-5.2/4.5 | | |
| 3 | | 4 | MEC 100L | 220/277-380/480 V | 6.8-5.85 | | |
| - | | 5.5 | MEC 132S | 220/277-380/480D | 11.2-9.36 | | |
| - | | 7.5 | MEC 132S | 220/277-380/480 V | 15-12.5 | | |
| - | | 11 | MEC 160M | 220/277-380/480 V | 22-18.3 | | |
| - | | 15 | MEC 160M | 220/277-380/480 V | 29-24.7 | | |
| - | | 18.5 | MEC 160L | 220/277-380/480 V | 35-29.1 | | |
| - | | 22 | MEC 180M | 220/277-380/480 V | 42-35 | | |
| KDN 40-125 | 0.37 | - | MEC 71 | 220/277-380/480 V | 2.08/1.99-1.2/1.15 | 65 | 40 |
| | 0.55 | - | MEC 80 | 220/277-380/480 V | 2.76/2.5-1.6/1.45 | | |
| | 0.75 | - | MEC 80 | 220/277-380/480 V | 3.54/3.37-2.05/1.195 | | |
| | 1.1 | - | MEC 90S | 220/277-380/480 V | 4.7/4.32-2.7/2.5 | | |
| | 1.5 | - | MEC 90L | 220/277-380/480 V | 6.4/6-3.7/3.47 | | |
| | - | 3 | MEC 100L | 220/277-380/480 V | 6.5-5.9 | | |
| | - | 4 | MEC 112M | 220/277-380/480 V | 8.8-8 | | |
| | - | 5.5 | MEC 132S | 220/277-380/480 V | 11.2-9.36 | | |
| | - | 7.5 | MEC 132S | 220/277-380/480 V | 15-12.5 | | |
| | - | 11 | MEC 160M | 220/277-380/480 V | 22-18.3 | | |

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

KDN

STANDARDISED CENTRIFUGAL PUMPS

| MODEL | POWER (kW) | | ENGINE SIZE | VOLTAGE 60 Hz | I nom (A) | FLANGE DIMENS. (mm) | |
|------------|------------|----------|-------------------|-------------------|---------------------|---------------------|-----|
| | 4 POLES | 2 POLES | | | | DNA | DNM |
| KDN 40-160 | 5 | - | MEC 80 | 220/277-380/480 V | 2.76/2.5-1.6/1.45 | 65 | 40 |
| | 0.75 | - | MEC 80 | 220/277-380/480 V | 3.54/3.37-2.05/1.95 | | |
| | 1.1 | - | MEC 90S | 220/277-380/480 V | 4.7/4.32-2.7/2.5 | | |
| | 1.5 | - | MEC 90L | 220/277-380/480 V | 6.4/6-3.7/3.47 | | |
| | 2.2 | - | MEC 100L | 220/277-380/480 V | 9/7.8-5.2/4.5 | | |
| | 3 | - | MEC 100L | 220/277-380/480 V | 6.8-5.85 | | |
| | - | 4 | MEC 112M | 220/277-380/480 V | 8.8-8 | | |
| | - | 5.5 | MEC 132S | 220/277-380/480 V | 11.2-9.36 | | |
| | - | 7.5 | MEC 132S | 220/277-380/480 V | 15-12.5 | | |
| | - | 11 | MEC 160M | 220/277-380/480 V | 22-18.3 | | |
| | - | 15 | MEC 160M | 220/277-380/480 V | 29-24.7 | | |
| - | 18.5 | MEC 160L | 220/277-380/480 V | 35-29.1 | | | |
| KDN 40-200 | 0.75 | - | MEC 80 | 220/277-380/480 V | 3.54/3.37-2.05/1.95 | 65 | 40 |
| | 1.1 | - | MEC 90S | 220/277-380/480 V | 4.7/4.32-2.7/2.5 | | |
| | 1.5 | - | MEC 90L | 220/277-380/480 V | 6.4/6-3.7/3.47 | | |
| | 2.2 | - | MEC 100L | 220/277-380/480 V | 9/7.8-5.2/4.5 | | |
| | 3 | - | MEC 100L | 220/277-380/480 V | 6.8-5.85 | | |
| | 4 | - | MEC 112M | 220/277-380/480 V | 9-7.7 | | |
| | - | 7.5 | MEC 132S | 220/277-380/480 V | 15-12.5 | | |
| | - | 11 | MEC 160M | 220/277-380/480 V | 22-18.3 | | |
| | - | 15 | MEC 160M | 220/277-380/480 V | 29-24.7 | | |
| | - | 18.5 | MEC 160L | 220/277-380/480 V | 35-29.1 | | |
| | - | 22 | MEC 180M | 220/277-380/480 V | 42-35 | | |
| - | 30 | MEC 200L | 220/277-380/480 V | 56-46.5 | | | |
| KDN 40-250 | 2.2 | - | MEC 100L | 220/277-380/480 V | 9/7.8-5.2/4.5 | 65 | 40 |
| | 3 | - | MEC 100L | 220/277-380/480 V | 6.8-5.85 | | |
| | 4 | - | MEC 112M | 220/277-380/480 V | 9-7.7 | | |
| | 5.5 | - | MEC 132S | 220/277-380/480 V | 11.8-10.5 | | |
| | 7.5 | - | MEC 132M | 220/277-380/480 V | 16-14 | | |
| | - | 18.5 | MEC 160L | 220/277-380/480 V | 35-29.1 | | |
| | - | 22 | MEC 180M | 220/277-380/480 V | 42-35 | | |
| | - | 30 | MEC 200L | 220/277-380/480 V | 56-46.5 | | |
| - | 37 | MEC 200L | 380/480 Δ | 68.5-57 | | | |
| KDN 50-125 | 0.55 | - | MEC 80 | 220/277-380/480 V | 2.76/2.5-1.6/1.45 | 65 | 50 |
| | 0.75 | - | MEC 80 | 220/277-380/480 V | 3.54/3.37-2.05/1.95 | | |
| | 1.1 | - | MEC 90S | 220/277-380/480 V | 4.7/4.32-2.7/2.5 | | |
| | 1.5 | - | MEC 90L | 220/277-380/480 V | 6.4/6-3.7/3.47 | | |
| | 2.2 | - | MEC 100L | 220/277-380/480 V | 9/7.8-5.2/4.5 | | |
| | - | 4 | MEC 112M | 220/277-380/480 V | 8.8-8 | | |
| | - | 5.5 | MEC 132S | 220/277-380/480 V | 11.2-9.36 | | |
| | - | 7.5 | MEC 132S | 220/277-380/480 V | 15-12.5 | | |
| | - | 11 | MEC 160M | 220/277-380/480 V | 22-18.3 | | |
| - | 15 | MEC 160M | 220/277-380/480 V | 29-24.7 | | | |
| KDN 50-160 | 0.75 | - | MEC 80 | 220/277-380/480 V | 3.54/3.37-2.05/1.95 | 65 | 50 |
| | 1.1 | - | MEC 90S | 220/277-380/480 V | 4.7/4.32-2.7/2.5 | | |
| | 1.5 | - | MEC 90L | 220/277-380/480 V | 6.4/6-3.7/3.47 | | |
| | 2.2 | - | MEC 100L | 220/277-380/480 V | 9/7.8-5.2/4.5 | | |
| | 3 | - | MEC 100L | 220/277-380/480 V | 6.8-5.85 | | |
| | 4 | - | MEC 112M | 220/277-380/480 V | 9-7.7 | | |
| | - | 7.5 | MEC 132S | 220/277-380/480 V | 15-12.5 | | |
| | - | 11 | MEC 160M | 220/277-380/480 V | 22-18.3 | | |
| | - | 15 | MEC 160M | 220/277-380/480 V | 29-24.7 | | |
| | - | 18.5 | MEC 160L | 220/277-380/480 V | 35-29.1 | | |
| | - | 22 | MEC 180M | 220/277-380/480 V | 42-35 | | |

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS



KDN

STANDARDISED CENTRIFUGAL PUMPS

| MODEL | POWER (kW) | | ENGINE SIZE | VOLTAGE 60 Hz | I nom (A) | FLANGE DIMENS. (mm) | |
|------------|------------|----------|-------------------|-------------------|---------------------|---------------------|-----|
| | 4 POLES | 2 POLES | | | | DNA | DNM |
| KDN 50-200 | 1.5 | – | MEC 90L | 220/277-380/480 V | 6.4/6-3.7/3.47 | 65 | 50 |
| | 2.2 | – | MEC 100L | 220/277-380/480 V | 9/7.8-5.2/4.5 | | |
| | 3 | – | MEC 100L | 220/277-380/480 V | 6.8-5.85 | | |
| | 4 | – | MEC 112M | 220/277-380/480 V | 9-7.7 | | |
| | 5.5 | – | MEC 132S | 220/277-380/480 V | 11.8-10.5 | | |
| | 7.5 | – | MEC 132M | 220/277-380/480 V | 16-14 | | |
| | – | 11 | MEC 160M | 220/277-380/480 V | 22-18.3 | | |
| | – | 15 | MEC 160M | 220/277-380/480 V | 29-24.7 | | |
| | – | 18.5 | MEC 160L | 220/277-380/480 V | 35-29.1 | | |
| | – | 22 | MEC 180M | 220/277-380/480 V | 42-35 | | |
| | – | 30 | MEC 200L | 220/277-380/480 V | 56-46.5 | | |
| | – | 37 | MEC 200L | 380/480 Δ | 68.5-57 | | |
| KDN 50-250 | – | 45 | MEC 225M | 380/480 Δ | 84-69 | 65 | 50 |
| | 3 | – | MEC 100L | 220/277-380/480 V | 6.8-5.85 | | |
| | 4 | – | MEC 112M | 220/277-380/480 V | 9-7.7 | | |
| | 5.5 | – | MEC 132S | 220/277-380/480 V | 11.8-10.5 | | |
| | 7.5 | – | MEC 132M | 220/277-380/480 V | 16-14 | | |
| | 11 | – | MEC 160M | 220/277-380/480 V | 22-19.5 | | |
| | – | 30 | MEC 200L | 220/277-380/480 V | 56-46.5 | | |
| | – | 37 | MEC 200L | 380/480 Δ | 68.5-57 | | |
| KDN 65-125 | – | 45 | MEC 225M | 380/480 Δ | 84-69 | 80 | 65 |
| | – | 55 | MEC 250M | 380/480 Δ | 102-83 | | |
| | 0.75 | – | MEC 80 | 220/277-380/480 V | 3.54/3.37-2.05/1.95 | | |
| | 1.1 | – | MEC 90S | 220/277-380/480 V | 4.7/4.32-2.7/2.5 | | |
| | 1.5 | – | MEC 90L | 220/277-380/480 V | 6.4/6-3.7/3.47 | | |
| | 2.2 | – | MEC 100L | 220/277-380/480 V | 9/7.8-5.2/4.5 | | |
| | 3 | – | MEC 100L | 220/277-380/480 V | 6.8-5.85 | | |
| | – | 5.5 | MEC 132S | 220/277-380/480 V | 11.2-9.36 | | |
| | – | 7.5 | MEC 132S | 220/277-380/480 V | 15-12.5 | | |
| | – | 11 | MEC 160M | 220/277-380/480 V | 22-18.3 | | |
| KDN 65-160 | – | 15 | MEC 160M | 220/277-380/480 V | 29-24.7 | 80 | 65 |
| | – | 18.5 | MEC 160L | 220/277-380/480 V | 35-29.1 | | |
| | – | 22 | MEC 180M | 220/277-380/480 V | 42-35 | | |
| | 1.1 | – | MEC 90S | 220/277-380/480 V | 4.7/4.32-2.7/2.5 | | |
| | 1.5 | – | MEC 90L | 220/277-380/480 V | 6.4/6-3.7/3.47 | | |
| | 2.2 | – | MEC 100L | 220/277-380/480 V | 9/7.8-5.2/4.5 | | |
| | 3 | – | MEC 100L | 220/277-380/480 V | 6.8-5.85 | | |
| | 4 | – | MEC 112M | 220/277-380/480 V | 9-7.7 | | |
| | 5.5 | – | MEC 132S | 220/277-380/480 V | 11.8-10.5 | | |
| | – | 7.5 | MEC 132S | 220/277-380/480 V | 15-12.5 | | |
| | – | 11 | MEC 160M | 220/277-380/480 V | 22-18.3 | | |
| | – | 15 | MEC 160M | 220/277-380/480 V | 29-24.7 | | |
| – | 18.5 | MEC 160L | 220/277-380/480 V | 35-29.1 | | | |
| – | 22 | MEC 180M | 220/277-380/480 V | 42-35 | | | |
| – | 30 | MEC 200L | 220/277-380/480 V | 56-46.5 | | | |
| – | 37 | MEC 200L | 380/480 Δ | 68.5-57 | | | |

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

KDN

STANDARDISED CENTRIFUGAL PUMPS

| MODEL | POWER (kW) | | ENGINE SIZE | VOLTAGE 60 Hz | I nom (A) | FLANGE DIMENS. (mm) | |
|------------|------------|----------|-------------|-------------------|----------------|---------------------|-----|
| | 4 POLES | 2 POLES | | | | DNA | DNM |
| KDN 65-200 | 2.2 | - | MEC 100L | 220/277-380/480 V | 9/7.8-5.2/4.5 | 100 | 65 |
| | 3 | - | MEC 100L | 220/277-380/480 V | 6.8-5.85 | | |
| | 4 | - | MEC 112M | 220/277-380/480 V | 9-7.7 | | |
| | 5.5 | - | MEC 132S | 220/277-380/480 V | 11.8-10.5 | | |
| | 7.5 | - | MEC 132M | 220/277-380/480 V | 16-14 | | |
| | 11 | - | MEC 160M | 220/277-380/480 V | 22-19.5 | | |
| | - | 18.5 | MEC 160L | 220/277-380/480 V | 35-29.1 | | |
| | - | 22 | MEC 180M | 220/277-380/480 V | 42-35 | | |
| | - | 30 | MEC 200L | 220/277-380/480 V | 56-46.5 | | |
| | - | 37 | MEC 200L | 380/480 Δ | 68.5-57 | | |
| | - | 45 | MEC 225M | 380/480 Δ | 84-69 | | |
| | - | 55 | MEC 250M | 380/480 Δ | 102-83 | | |
| - | 75 | MEC 280S | 380/480 Δ | 136-110 | | | |
| KDN 65-250 | 4 | - | MEC 112M | 220/277-380/480 V | 9-7.7 | 80 | 85 |
| | 5.5 | - | MEC 132S | 220/277-380/480 V | 11.8-10.5 | | |
| | 7.5 | - | MEC 132M | 220/277-380/480 V | 16-14 | | |
| | 11 | - | MEC 160M | 220/277-380/480 V | 22-19.5 | | |
| | 15 | - | MEC 160L | 220/277-380/480 V | 30.5-26.6 | | |
| | - | 37 | MEC 200L | 380/480 Δ | 68.5-57 | | |
| | - | 45 | MEC 225M | 380/480 Δ | 84-69 | | |
| | - | 55 | MEC 250M | 380/480 Δ | 102-83 | | |
| | - | 75 | MEC 280S | 380/480 Δ | 136-110 | | |
| KDN 65-315 | 7.5 | - | MEC 132M | 220/277-380/480 V | 16-14 | 80 | 65 |
| | 11 | - | MEC 160M | 220/277-380/480 V | 22-19.5 | | |
| | 15 | - | MEC 160L | 220/277-380/480 V | 30.5-26.6 | | |
| | 18.5 | - | MEC 180M | 220/277-380/480 V | 36.5-31.8 | | |
| | 22 | - | MEC 180L | 220/277-380/480 V | 43.4-37.5 | | |
| | 30 | - | MEC 200L | 220/277-380/480 V | 57-48.3 | | |
| KDN 80-160 | 1.5 | - | MEC 90L | 220/277-380/480 V | 6.4/6-3.7/3.47 | 100 | 80 |
| | 2.2 | - | MEC 100L | 220/277-380/480 V | 9/7.8-5.2/4.5 | | |
| | 3 | - | MEC 100L | 220/277-380/480 V | 6.8-5.85 | | |
| | 4 | - | MEC 112M | 220/277-380/480 V | 9-7.7 | | |
| | 5.5 | - | MEC 132S | 220/277-380/480 V | 11.8-10.5 | | |
| | 7.5 | - | MEC 132M | 220/277-380/480 V | 16-14 | | |
| | - | 15 | MEC 160M | 220/277-380/480 V | 29-24.7 | | |
| | - | 18.5 | MEC 160L | 220/277-380/480 V | 35-29.1 | | |
| | - | 22 | MEC 180M | 220/277-380/480 V | 42-35 | | |
| | - | 30 | MEC 200L | 220/277-380/480 V | 56-46.5 | | |
| KDN 80-200 | 3 | - | MEC 100L | 220/277-380/480 V | 6.8-5.85 | 100 | 80 |
| | 4 | - | MEC 112M | 220/277-380/480 V | 9-7.7 | | |
| | 5.5 | - | MEC 132S | 220/277-380/480 V | 11.8-10.5 | | |
| | 7.5 | - | MEC 132M | 220/277-380/480 V | 16-14 | | |
| | 11 | - | MEC 160M | 220/277-380/480 V | 22-19.5 | | |
| | 15 | - | MEC 160L | 220/277-380/480 V | 30.5-26.6 | | |
| | - | 30 | MEC 200L | 220/277-380/480 V | 56-46.5 | | |
| | - | 37 | MEC 200L | 380/480 Δ | 68.5-57 | | |
| | - | 45 | MEC 200L | 380/480 Δ | 84-69 | | |
| | - | 55 | MEC 225M | 380/480 Δ | 102-83 | | |
| | - | 75 | MEC 250M | 380/480 Δ | 136-110 | | |
| | - | 90 | MEC 280M | 380/480 Δ | 163-132 | | |
| | - | 110 | MEC 315S | 380/480 Δ | 195-159 | | |

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS



KDN

STANDARDISED CENTRIFUGAL PUMPS

| MODEL | POWER (kW) | | ENGINE SIZE | VOLTAGE 60 Hz | I nom (A) | FLANGE DIMENS. (mm) | |
|-------------|------------|---------|-------------|-------------------|-----------|---------------------|-----|
| | 4 POLES | 2 POLES | | | | DNA | DNM |
| KDN 80-250 | 7.5 | - | MEC 132M | 220/277-380/480 V | 16-14 | 100 | 80 |
| | 11 | - | MEC 160M | 220/277-380/480 V | 22-19.5 | | |
| | 15 | - | MEC 160L | 220/277-380/480 V | 30.5-26.6 | | |
| | 18.5 | - | MEC 180M | 220/277-380/480 V | 36.5-31.8 | | |
| | 22 | - | MEC 180L | 220/277-380/480 V | 43.4-37.5 | | |
| | - | 55 | MEC 250M | 380/480 Δ | 102-83 | | |
| | - | 75 | MEC 280S | 380/480 Δ | 136-110 | | |
| | - | 90 | MEC 280M | 380/480 Δ | 163-132 | | |
| | - | 110 | MEC 315S | 380/480 Δ | 195-159 | | |
| KDN 80-315 | 15 | - | MEC 160L | 220/277-380/480 V | 30.5-26.6 | 100 | 80 |
| | 18.5 | - | MEC 180M | 220/277-380/480 V | 36.5-31.8 | | |
| | 22 | - | MEC 180L | 220/277-380/480 V | 43.4-37.5 | | |
| | 30 | - | MEC 200L | 220/277-380/480 V | 57-48.3 | | |
| | 37 | - | MEC 225S | 380/480 Δ | 70-60 | | |
| | 45 | - | MEC 225M | 380/480 Δ | 85-72.5 | | |
| KDN 100-200 | 5.5 | - | MEC 132S | 220/277-380/480 V | 11.8-10.5 | 125 | 100 |
| | 7.5 | - | MEC 132M | 220/277-380/480 V | 16-14 | | |
| | 11 | - | MEC 160M | 220/277-380/480 V | 22-19.5 | | |
| | 15 | - | MEC 160L | 220/277-380/480 V | 30.5-26.6 | | |
| | 18.5 | - | MEC 180M | 220/277-380/480 V | 36.5-31.8 | | |
| | - | 45 | MEC 225M | 380/480 Δ | 84-69 | | |
| | - | 55 | MEC 250M | 380/480 Δ | 102-83 | | |
| | - | 75 | MEC 280S | 380/480 Δ | 136-110 | | |
| | - | 90 | MEC 280M | 380/480 Δ | 163-132 | | |
| KDN 100-250 | 11 | - | MEC 160M | 220/277-380/480 V | 22-19.5 | 125 | 100 |
| | 15 | - | MEC 160L | 220/277-380/480 V | 30.5-26.6 | | |
| | 18.5 | - | MEC 180M | 220/277-380/480 V | 36.5-31.8 | | |
| | 22 | - | MEC 180L | 220/277-380/480 V | 43.4-37.5 | | |
| | 30 | - | MEC 200L | 220/277-380/480 V | 57-48.3 | | |
| | 37 | - | MEC 225S | 380/480 Δ | 70-60 | | |
| | - | 90 | MEC 280M | 380/480 Δ | 163-132 | | |
| | - | 110 | MEC 315S | 380/480 Δ | 195-159 | | |
| KDN 100-315 | 22 | - | MEC 180L | 220/277-380/480 V | 43.4-37.5 | 125 | 100 |
| | 30 | - | MEC 200L | 220/277-380/480 V | 57-48.3 | | |
| | 37 | - | MEC 225S | 380/480 Δ | 70-60 | | |
| | 45 | - | MEC 225M | 380/480 Δ | 85-72.5 | | |
| | 55 | - | MEC 250M | 380/480 Δ | 102-86 | | |
| KDN 125-250 | 15 | - | MEC 160L | 220/277-380/480 V | 30.5-26.6 | 150 | 125 |
| | 18.5 | - | MEC 180M | 220/277-380/480 V | 36.5-31.8 | | |
| | 22 | - | MEC 180L | 220/277-380/480 V | 43.4-37.5 | | |
| | 30 | - | MEC 200L | 220/277-380/480 V | 57-48.3 | | |
| | 37 | - | MEC 225S | 380/480 Δ | 70-60 | | |
| | 45 | - | MEC 225M | 380/480 Δ | 85-72.5 | | |
| KDN 150-200 | 11 | - | MEC 160M | 220/277-380/480 V | 22-19.5 | 200 | 150 |
| | 15 | - | MEC 160L | 220/277-380/480 V | 30.5-26.6 | | |
| | 18.5 | - | MEC 180M | 220/277-380/480 V | 36.5-31.8 | | |
| | 22 | - | MEC 180L | 220/277-380/480 V | 43.4-37.5 | | |
| | 30 | - | MEC 200L | 220/277-380/480 V | 57-48.3 | | |

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

CENTRIFUGAL PUMPS

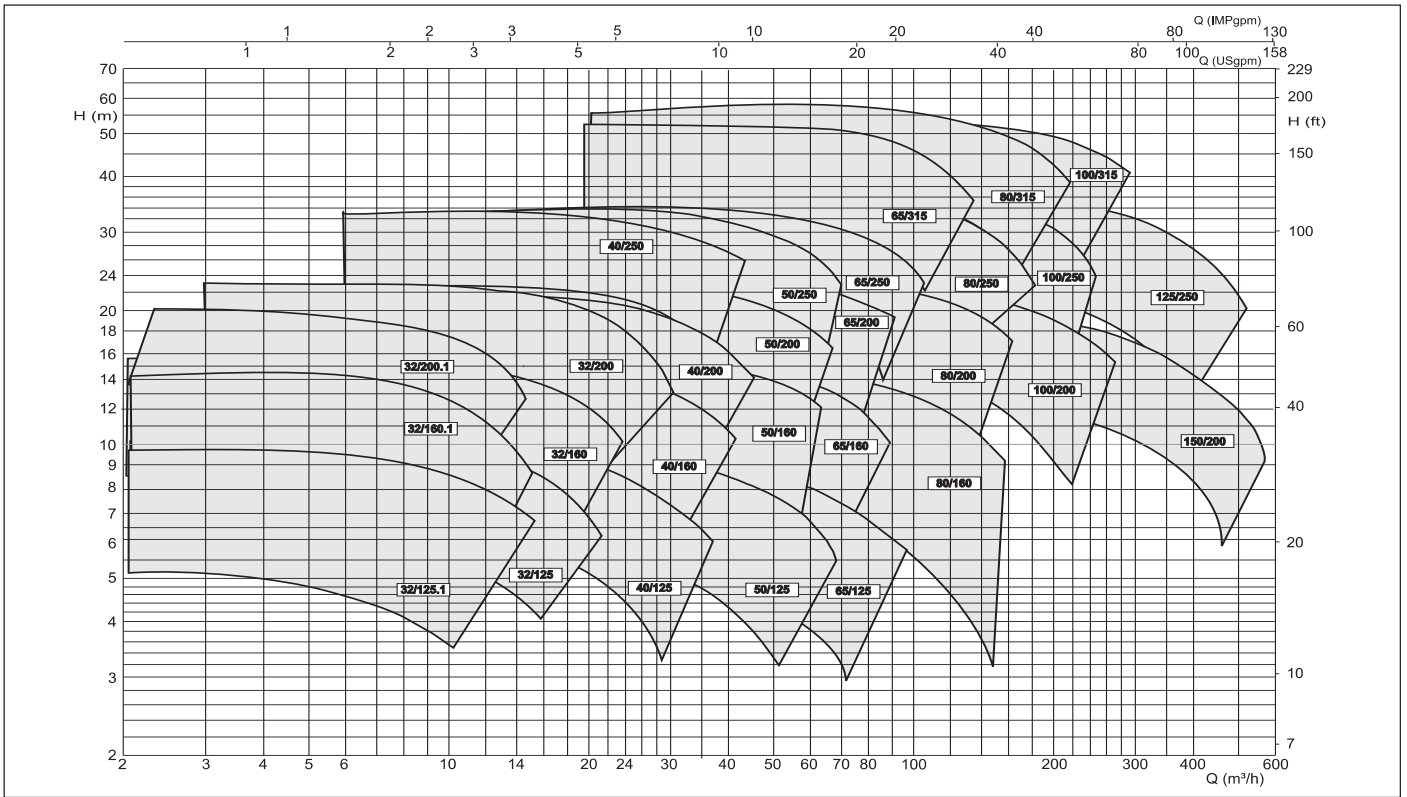
SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

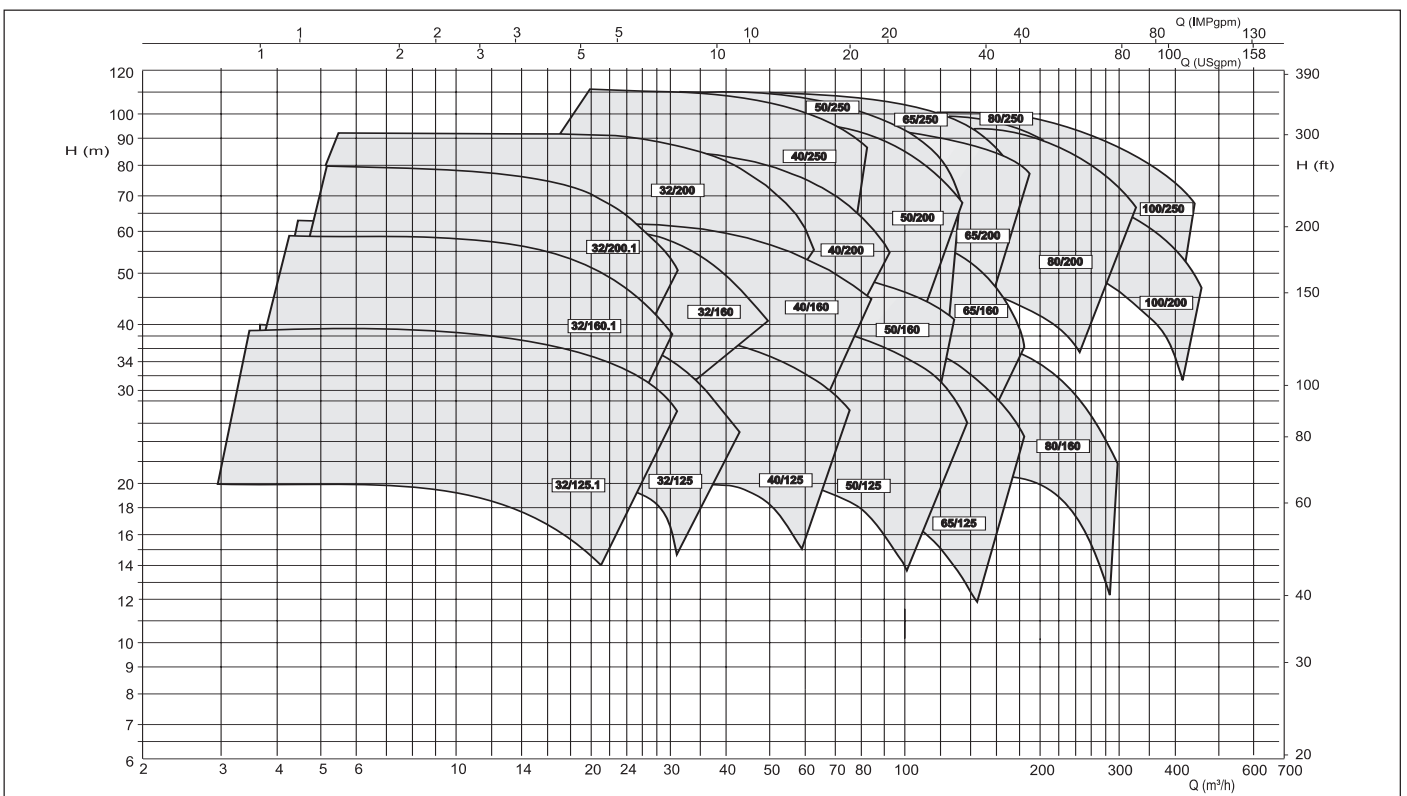
HYDRAULIC DATA

4-POLES MOTOR(= 1750 r.p.m.)



HYDRAULIC DATA

2-POLES MOTOR(= 3500 r.p.m.)



TECHNICAL DATA - HYDRAULIC PART

| MODEL | DNA | DNM | WEIGHT Kg. |
|--------------|-----|-----|------------|
| KDN 32-125.1 | 50 | 32 | 37 |
| KDN 32-125 | 50 | 32 | 36 |
| KDN 32-160.1 | 50 | 32 | 38 |
| KDN 32-200.1 | 50 | 32 | 38 |
| KDN 32-200 | 50 | 32 | 46 |
| KDN 32-160 | 50 | 32 | 46 |
| KDN 40-125 | 65 | 40 | 39 |
| KDN 40-160 | 65 | 40 | 41 |
| KDN 40-200 | 65 | 40 | 49 |
| KDN 40-250 | 65 | 40 | 57 |
| KDN 50-125 | 65 | 50 | 42 |
| KDN 50-160 | 65 | 50 | 44 |
| KDN 50-200 | 65 | 50 | 51 |
| KDN 50-250 | 65 | 50 | 59 |
| KDN 65-125 | 80 | 65 | 46 |
| KDN 65-160 | 80 | 65 | 47 |
| KDN 65-200 | 80 | 65 | 66 |
| KDN 65-250 | 80 | 65 | 93 |
| KDN 65-315 | 80 | 65 | 112 |
| KDN 80-160 | 100 | 80 | 55 |
| KDN 80-200 | 100 | 80 | 84 |
| KDN 80-250 | 100 | 80 | 104 |
| KDN 80-315 | 100 | 80 | 122 |
| KDN 100-200 | 125 | 100 | 96 |
| KDN 100-250 | 125 | 100 | 111 |
| KDN 100-315 | 125 | 100 | 126 |
| KDN 125-250 | 150 | 125 | 135 |
| KDN 150-200 | 200 | 150 | 178 |

CAST IRON IMPELLER



| MODEL | DNA | DNM | WEIGHT Kg. |
|--------------|-----|-----|------------|
| KDN 32-125.1 | 50 | 32 | 37 |
| KDN 32-125 | 50 | 32 | 37 |
| KDN 32-160.1 | 50 | 32 | 38 |
| KDN 32-200.1 | 50 | 32 | 38 |
| KDN 32-200 | 50 | 32 | 38 |
| KDN 32-160 | 50 | 32 | 48 |
| KDN 40-125 | 65 | 40 | 40 |
| KDN 40-160 | 65 | 40 | 41 |
| KDN 40-200 | 65 | 40 | 52 |
| KDN 40-250 | 65 | 40 | 58 |
| KDN 50-125 | 65 | 50 | 42 |
| KDN 50-160 | 65 | 50 | 44 |
| KDN 50-200 | 65 | 50 | 52 |
| KDN 50-250 | 65 | 50 | 60 |
| KDN 65-125 | 80 | 65 | 47 |
| KDN 65-160 | 80 | 65 | 49 |
| KDN 65-200 | 80 | 65 | 58 |
| KDN 65-250 | 80 | 65 | 99 |
| KDN 65-315 | 80 | 65 | 114 |
| KDN 80-160 | 100 | 80 | 57 |
| KDN 80-200 | 100 | 80 | 82 |
| KDN 80-250 | 100 | 80 | 107 |
| KDN 80-315 | 100 | 80 | 124 |
| KDN 100-200 | 125 | 100 | 98 |
| KDN 100-250 | 125 | 100 | 115 |
| KDN 100-315 | 125 | 100 | 133 |
| KDN 125-250 | 150 | 125 | 133 |
| KDN 150-200 | 200 | 150 | 178 |

BRONZE IMPELLER

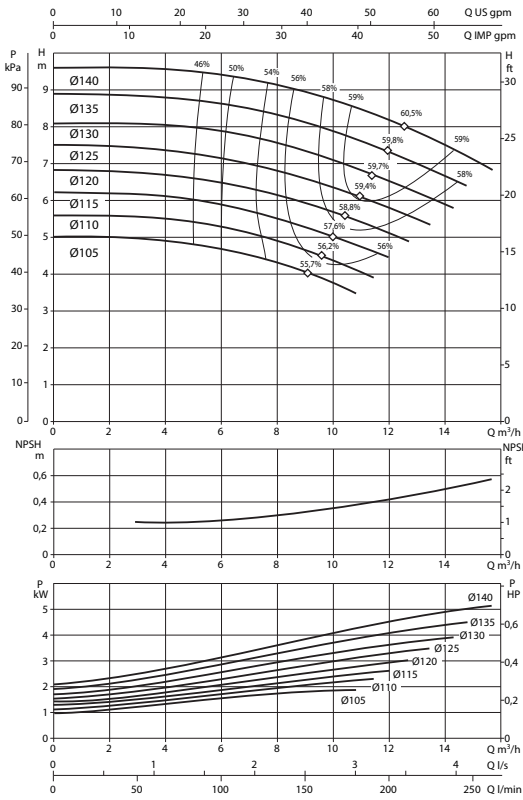


The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

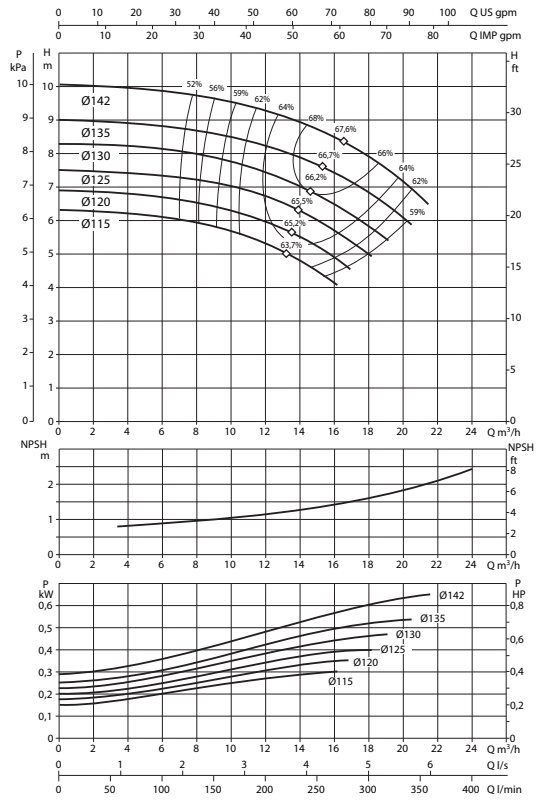
HYDRAULIC DATA

4-POLES MOTOR(= 1750 r.p.m.)

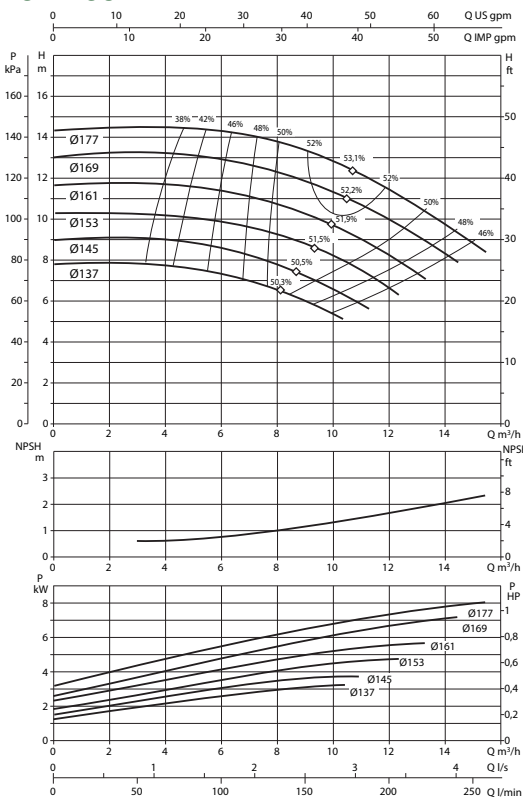
KDN 32-125.1



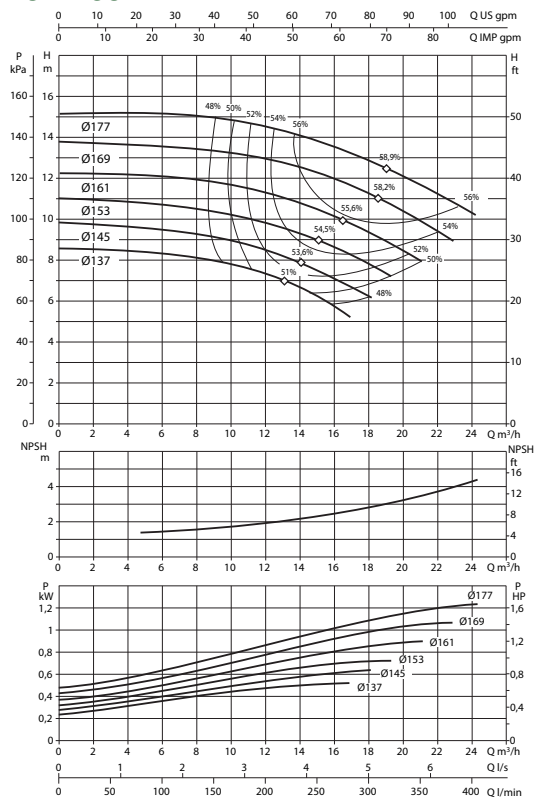
KDN 32-125



KDN 32-160.1



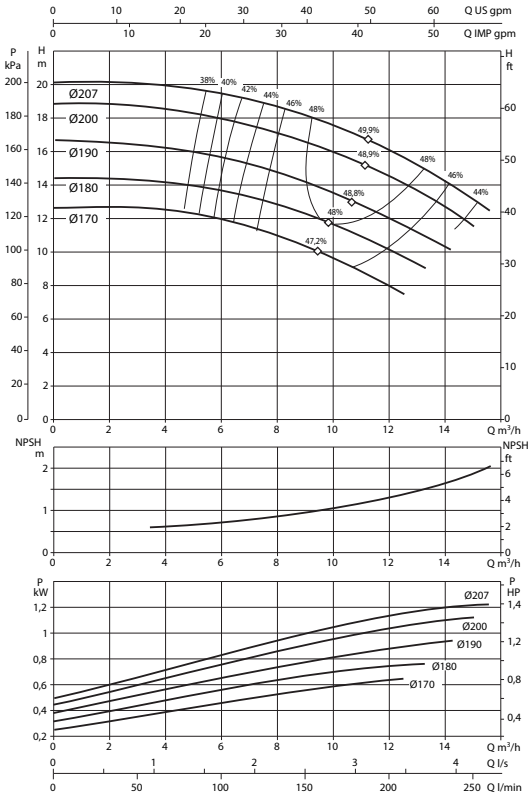
KDN 32-160



The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

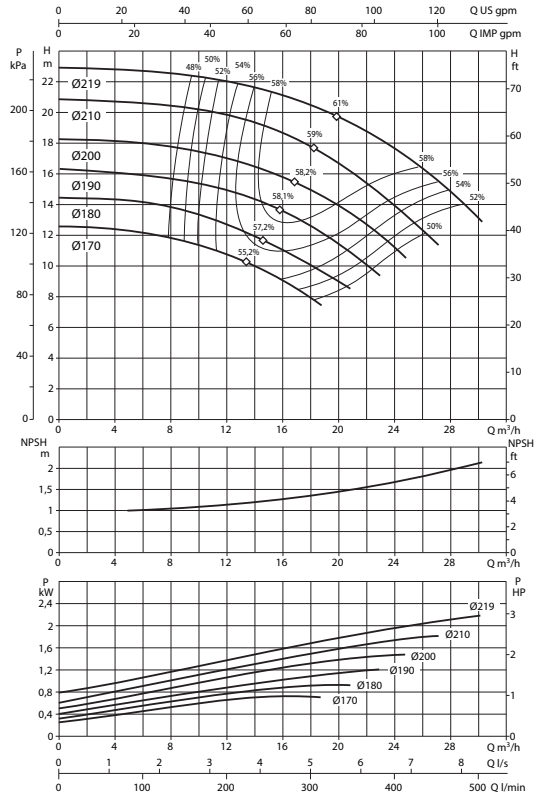
HYDRAULIC DATA

KDN 32-200.1

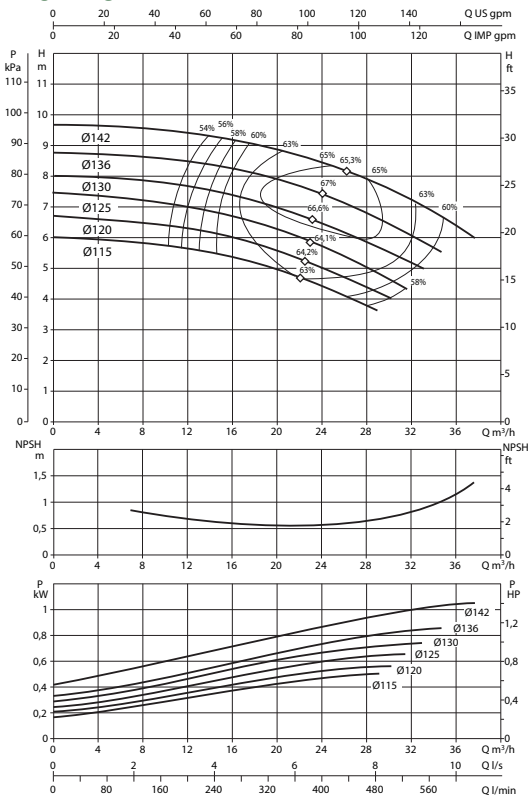


4-POLES MOTOR(= 1750 r.p.m.)

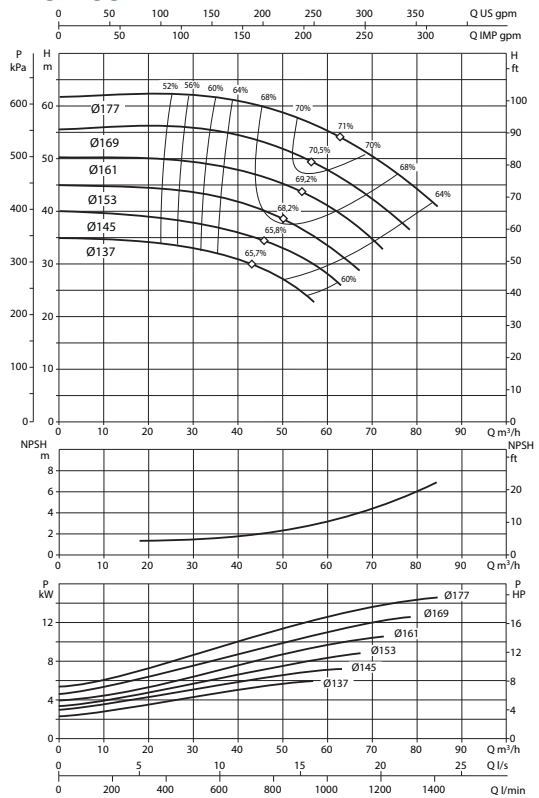
KDN 32-200



KDN 40-125



KDN 40-160

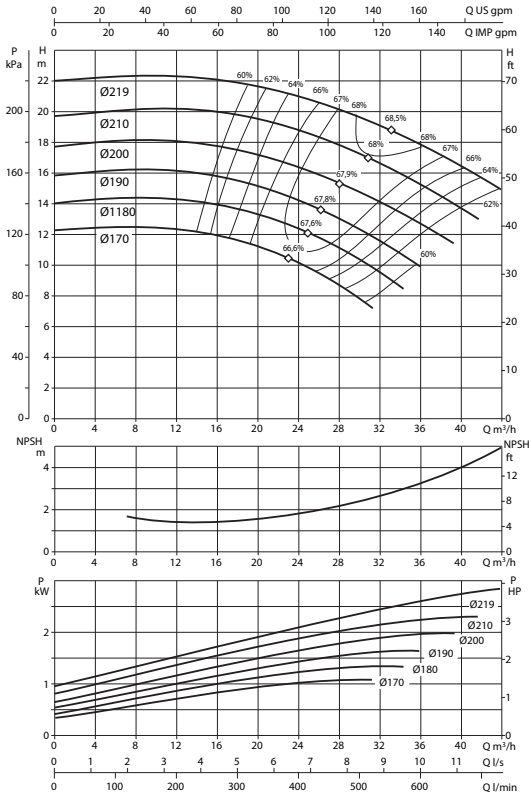


The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

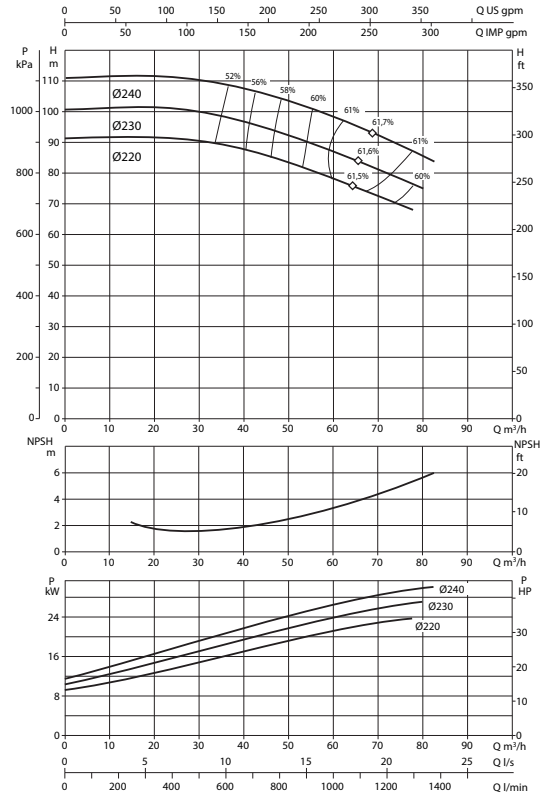
HYDRAULIC DATA

4-POLES MOTOR(= 1750 r.p.m.)

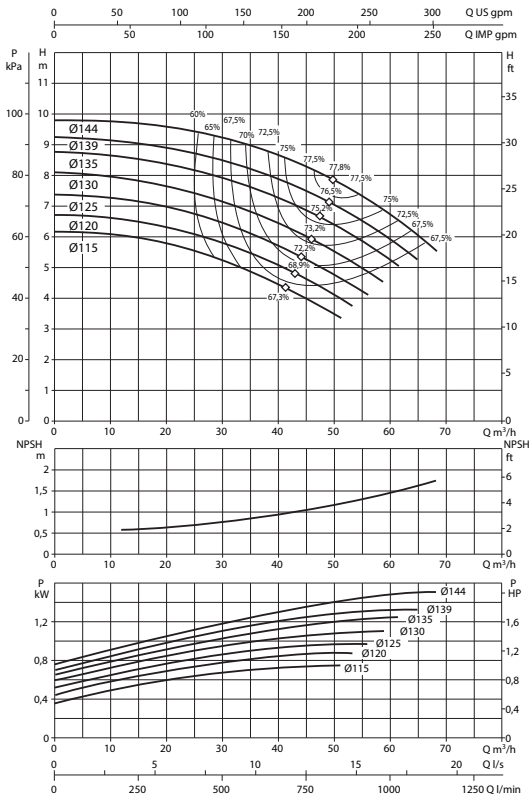
KDN 40-200



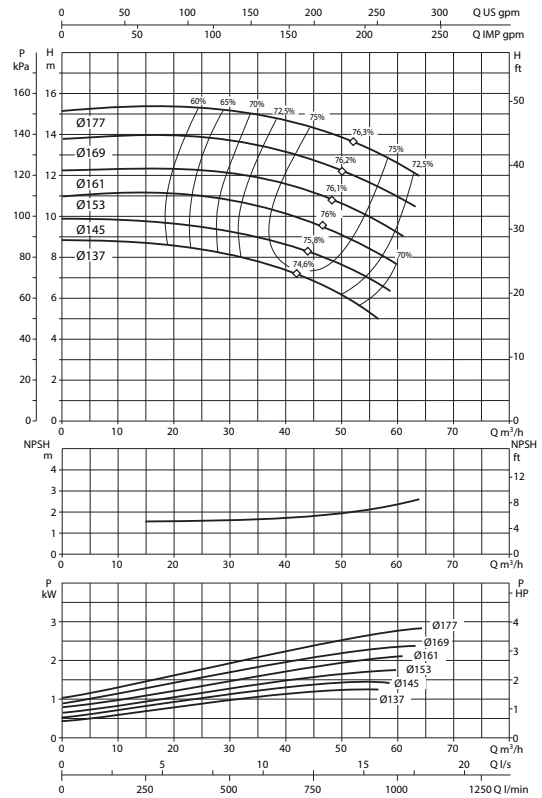
KDN 40-250



KDN 50-125



KDN 50-160

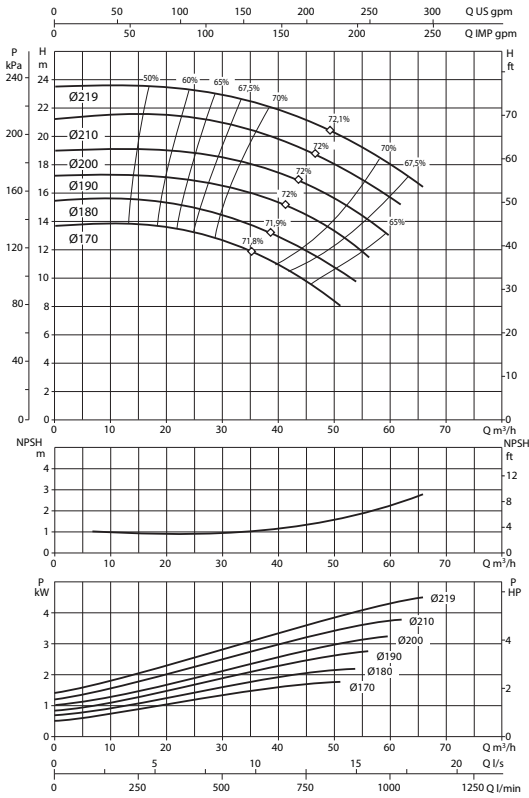


The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

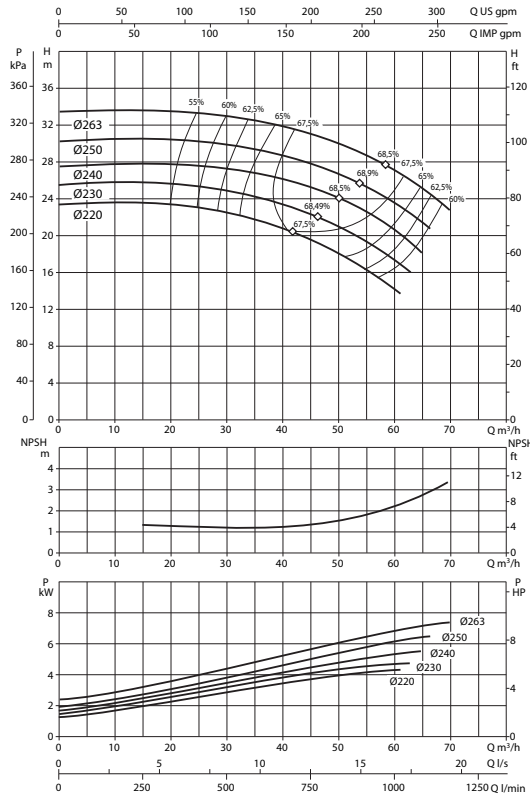
HYDRAULIC DATA

4-POLES MOTOR(= 1750 r.p.m.)

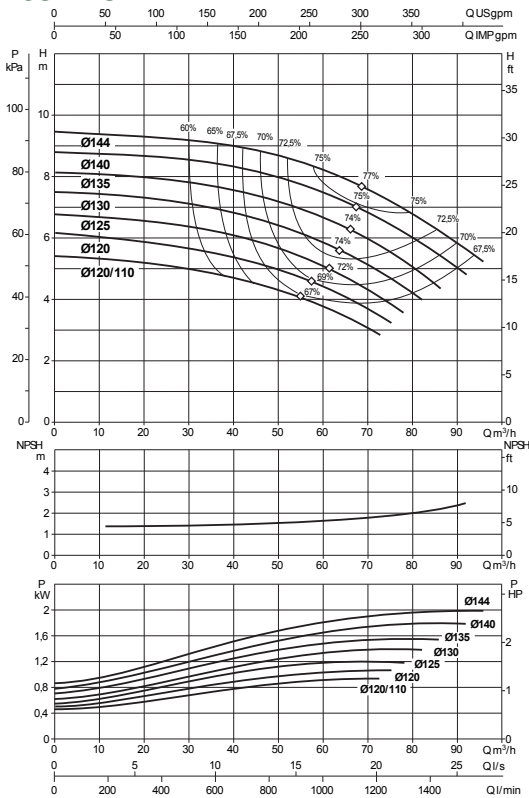
KDN 50-200



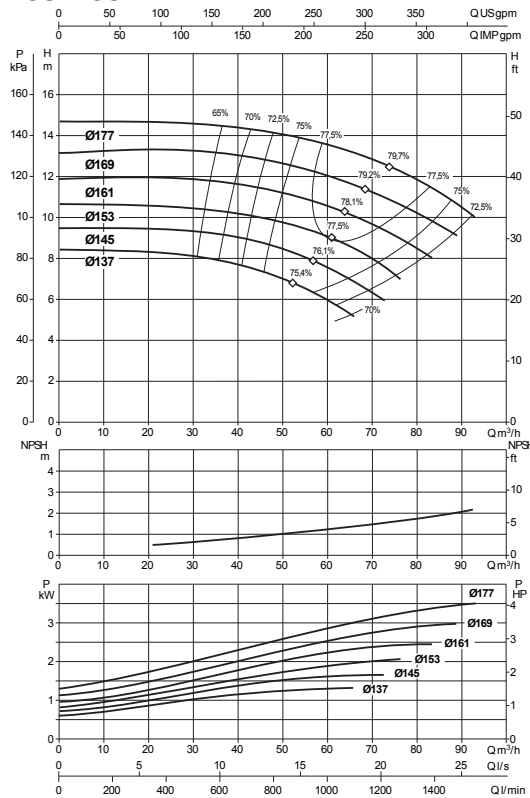
KDN 50-250



KDN 65-125



KDN 65-160

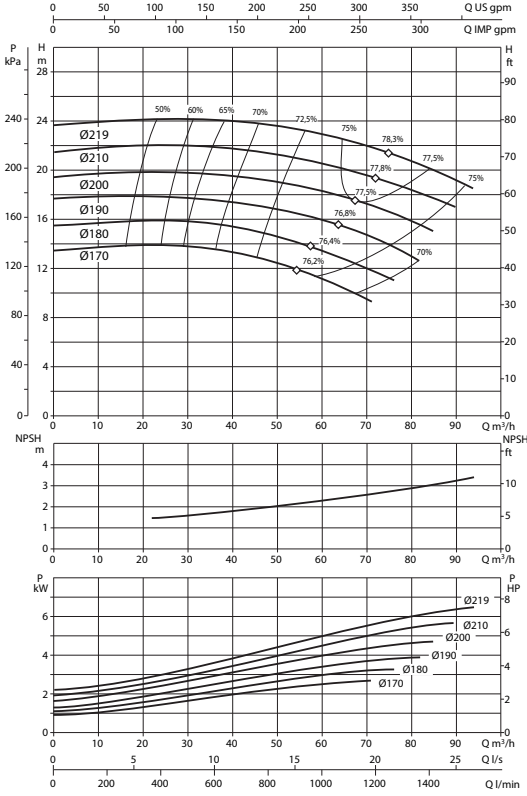


The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

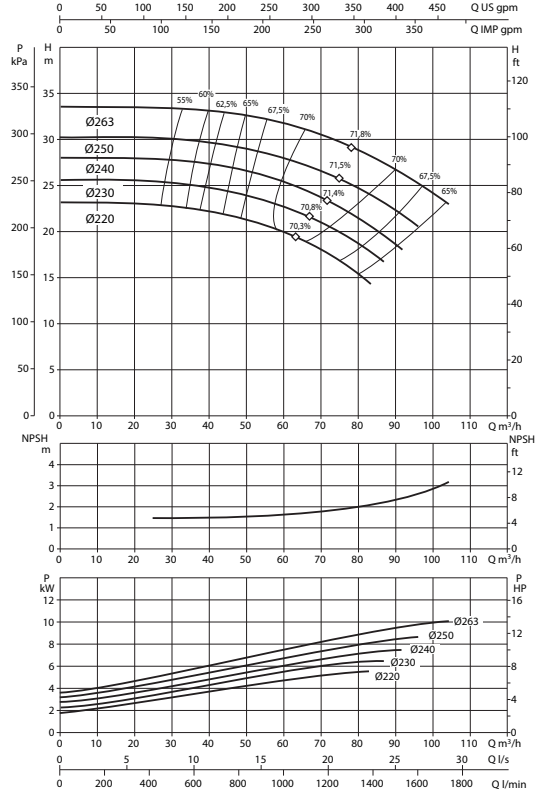
HYDRAULIC DATA

4-POLES MOTOR(= 1750 r.p.m.)

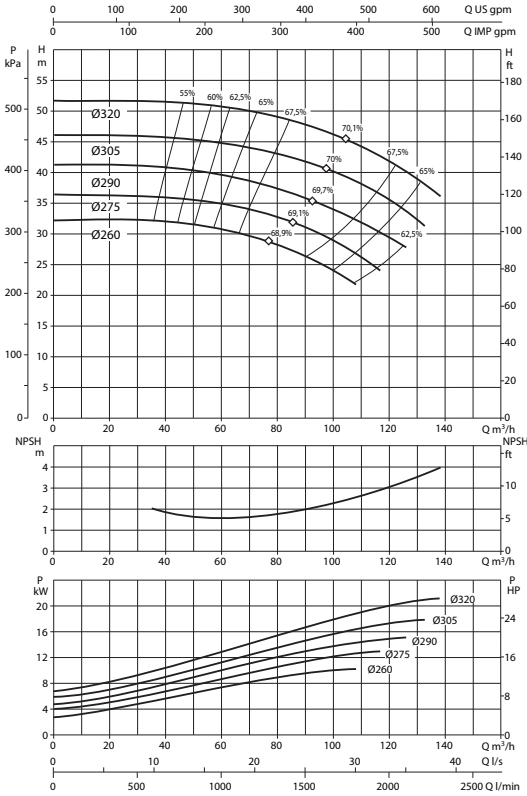
KDN 65-200



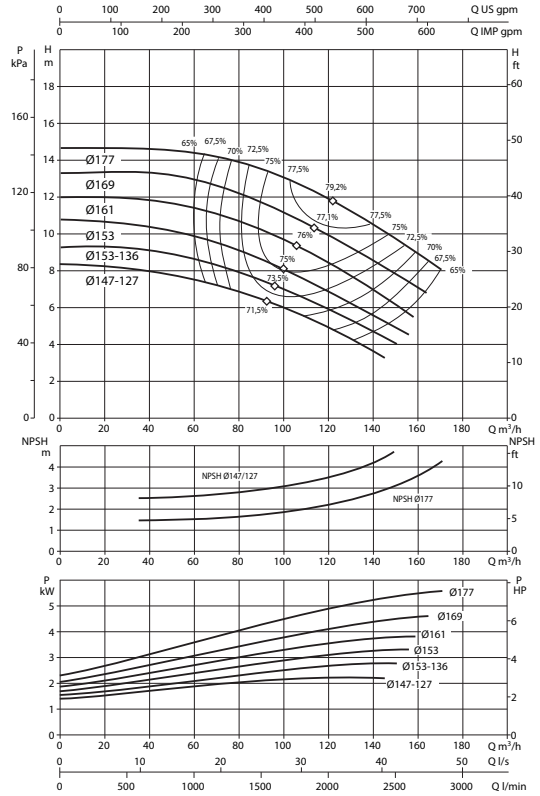
KDN 65-250



KDN 65-315



KDN 80-160



DCONNECT
COMMAND AND CONTROL SYSTEMS
CIRCULATORS AND IN-LINE PUMPS
MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS
SWIMMING POOL, POND AND SALT WATER PUMPS
CENTRIFUGAL PUMPS
SUBMERSIBLE PUMPS
SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS
PRESSURE UNITS

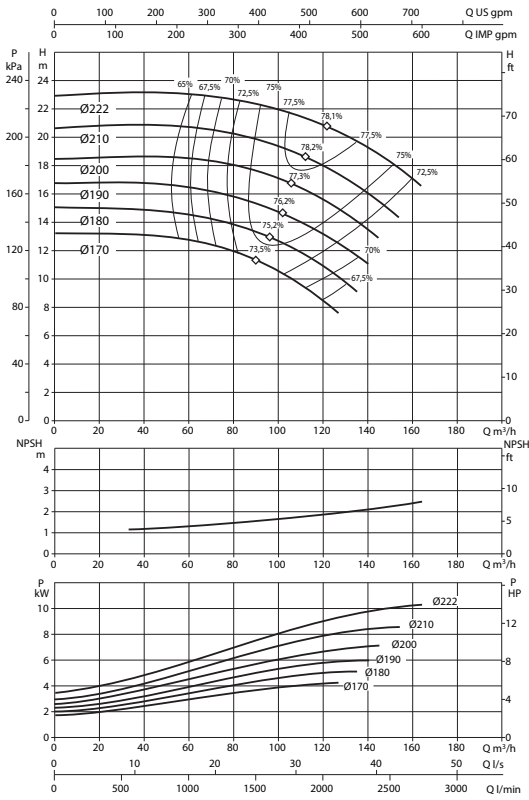


The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

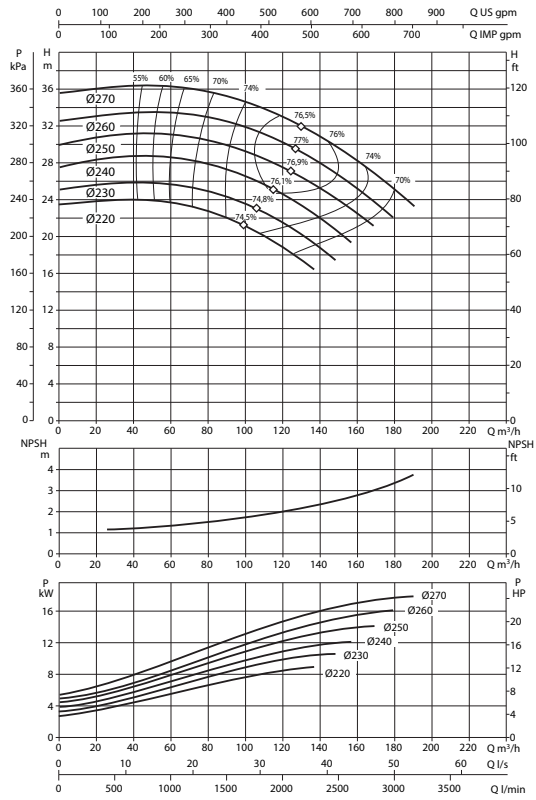
HYDRAULIC DATA

4-POLES MOTOR(= 1750 r.p.m.)

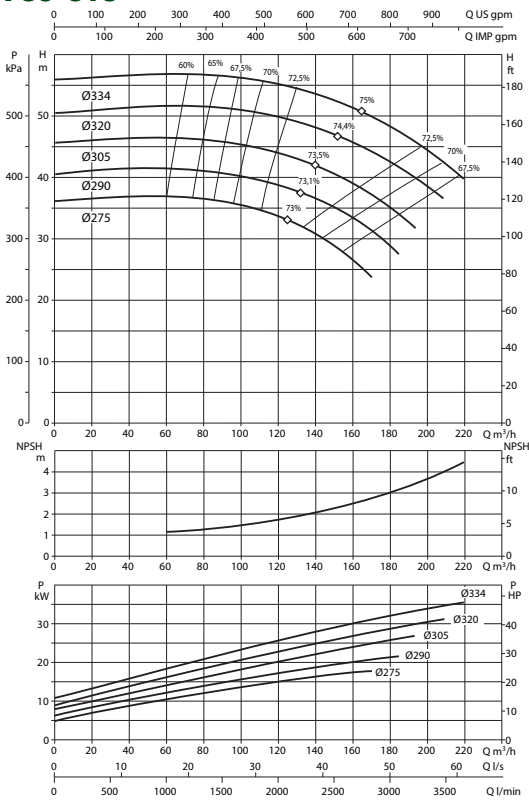
KDN 80-200



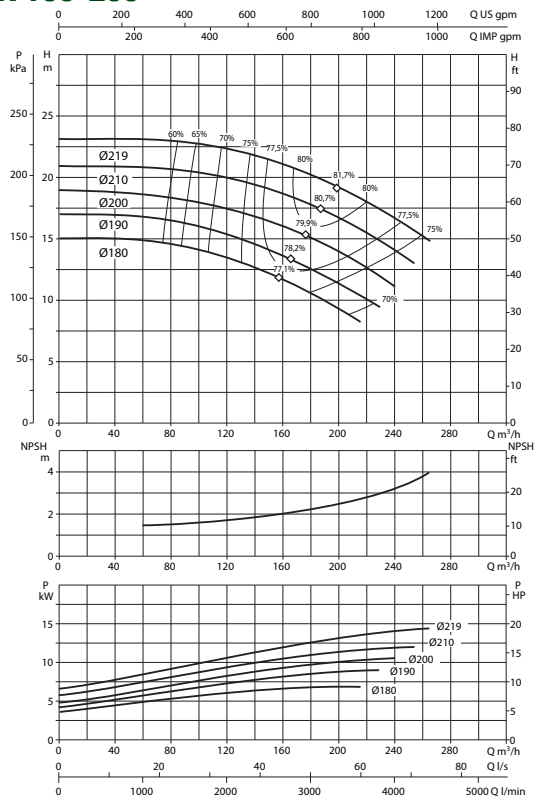
KDN 80-250



KDN 80-315



KDN 100-200

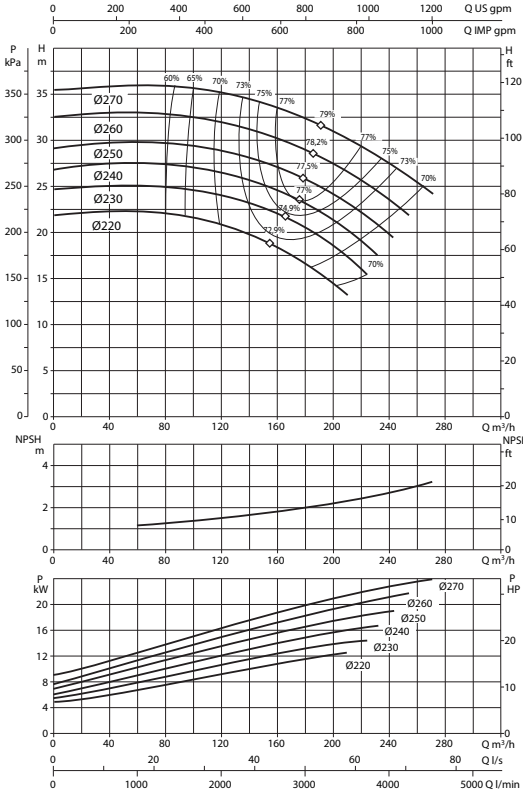


The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

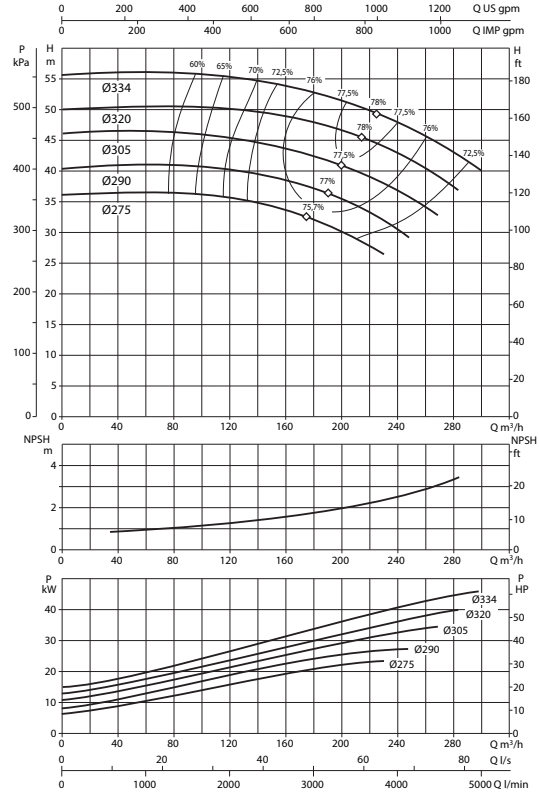
HYDRAULIC DATA

4-POLES MOTOR(= 1750 r.p.m.)

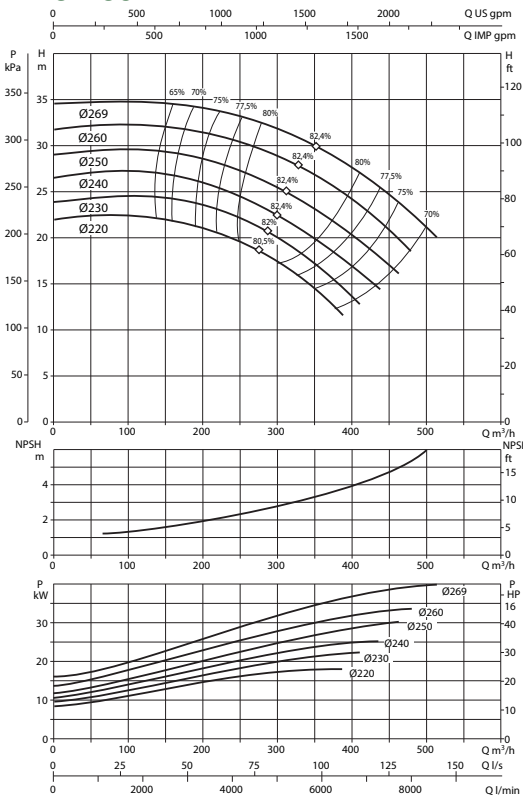
KDN 100-250



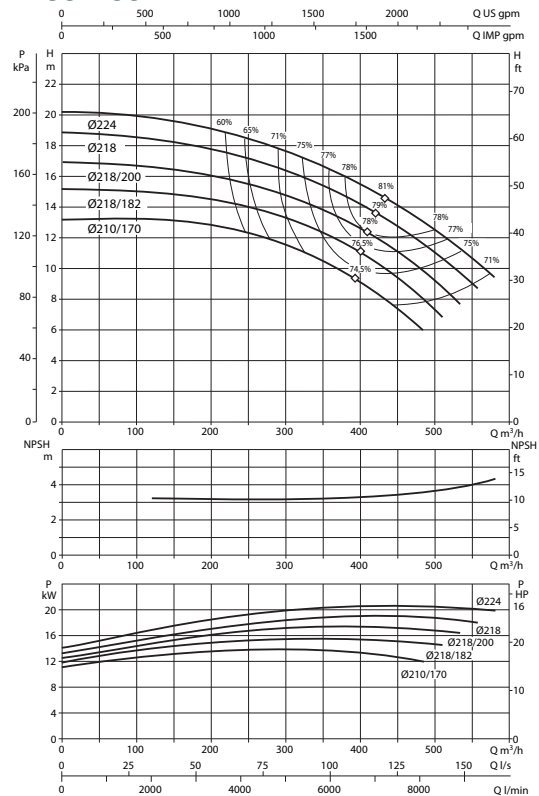
KDN 100-315



KDN 125-250



KDN 150-200

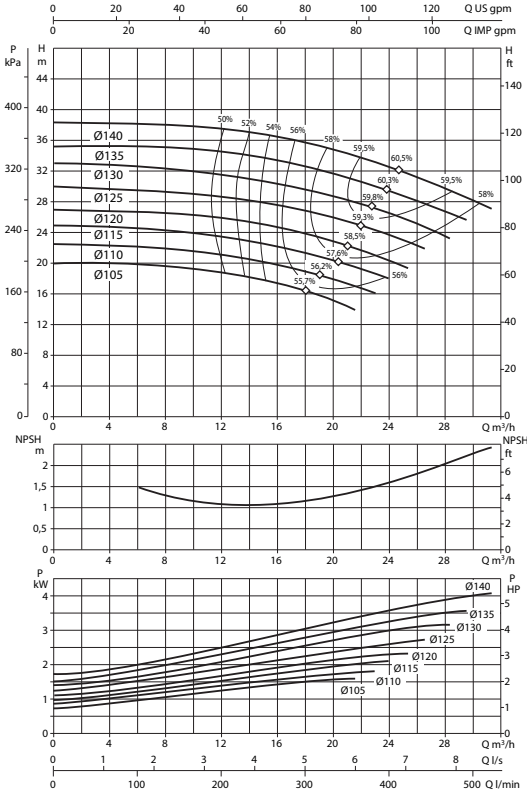


The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

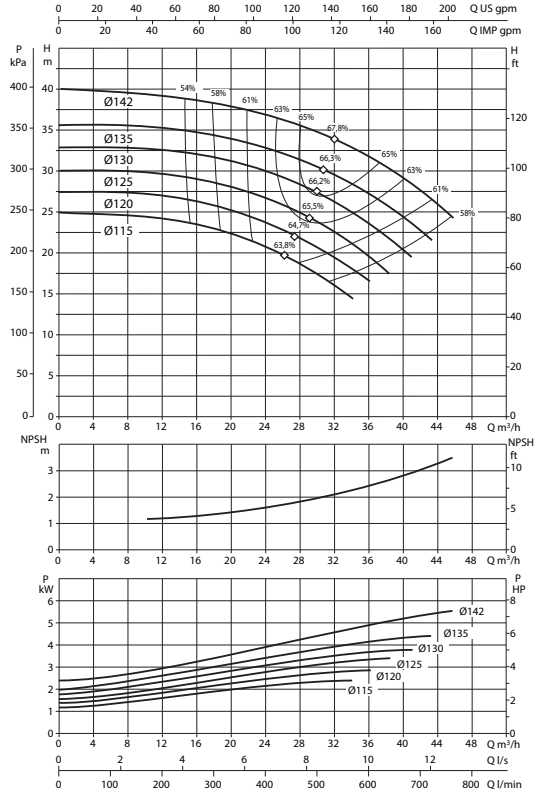
HYDRAULIC DATA

2-POLES MOTOR(= 3500 r.p.m.)

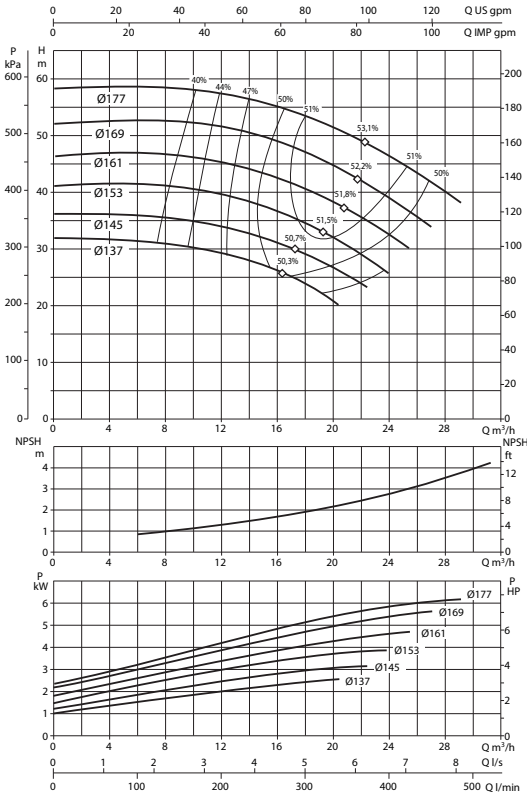
KDN 32-125.1



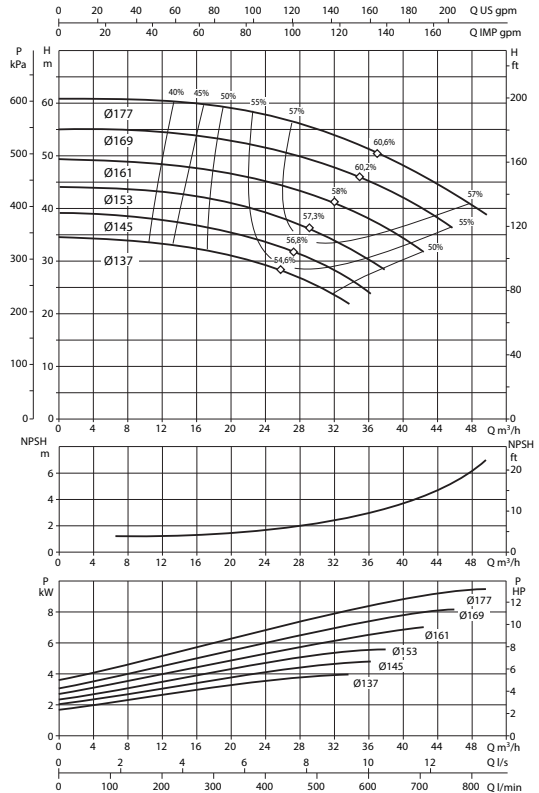
KDN 32-125



KDN 32-160.1



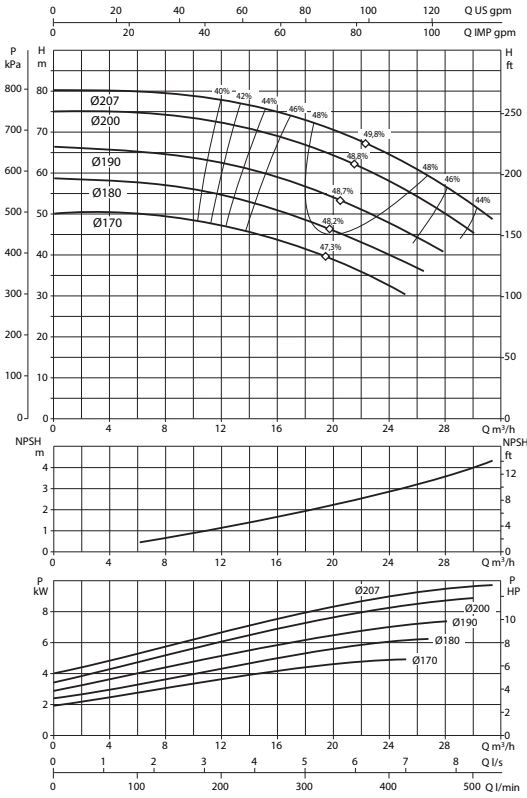
KDN 32-160



The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

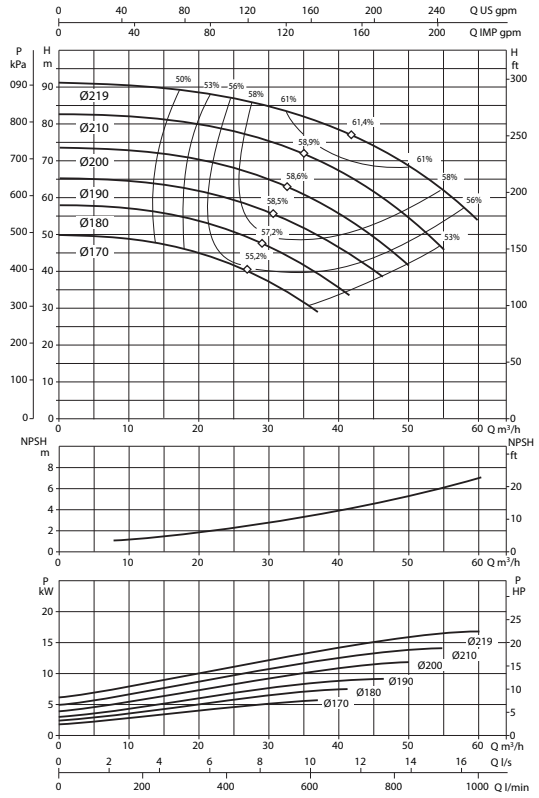
HYDRAULIC DATA

KDN 32-200.1

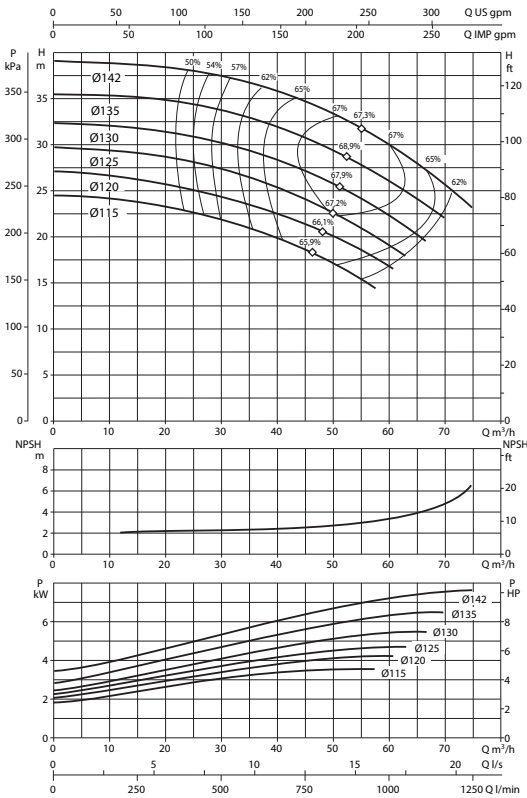


2-POLES MOTOR (= 3500 r.p.m.)

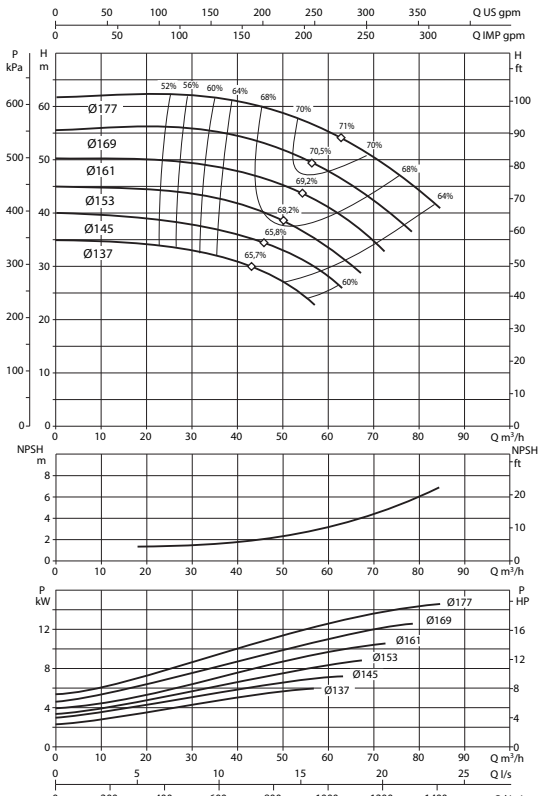
KDN 32-200



KDN 40-125



KDN 40-160

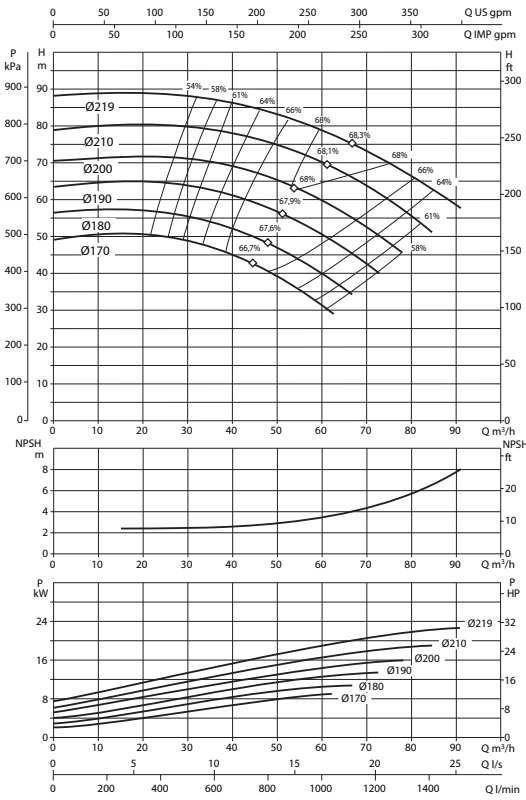


The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

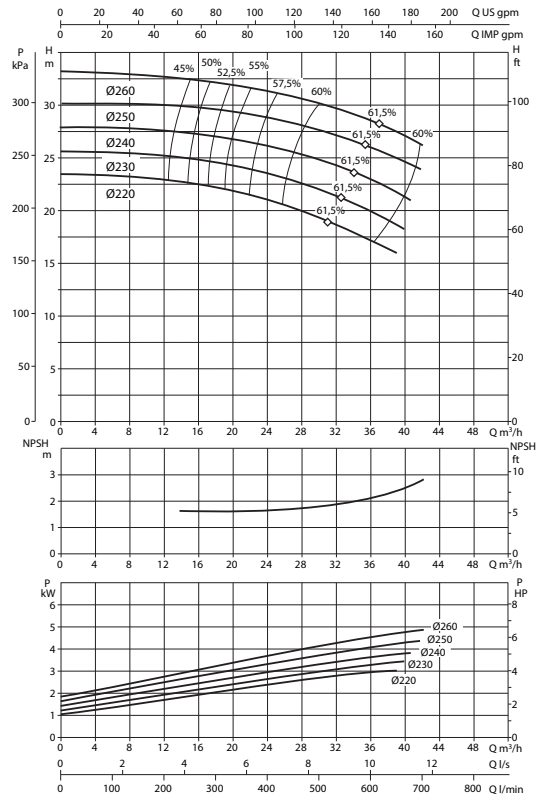
HYDRAULIC DATA

2-POLES MOTOR (= 3500 r.p.m.)

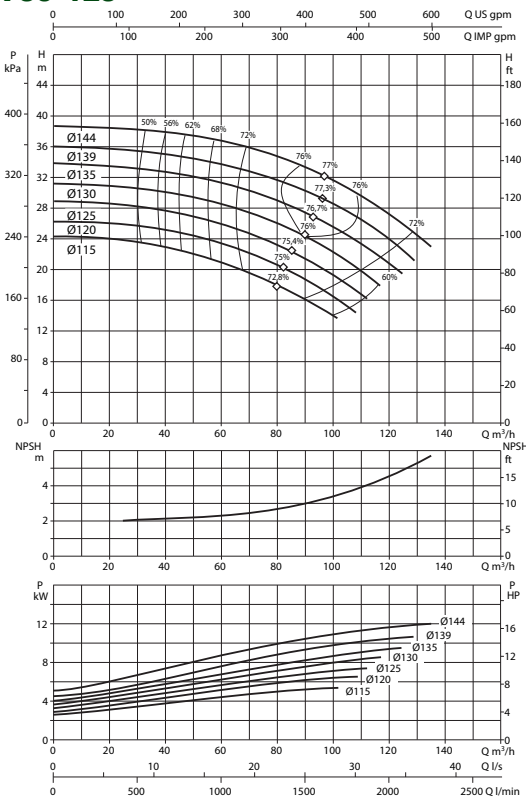
KDN 40-200



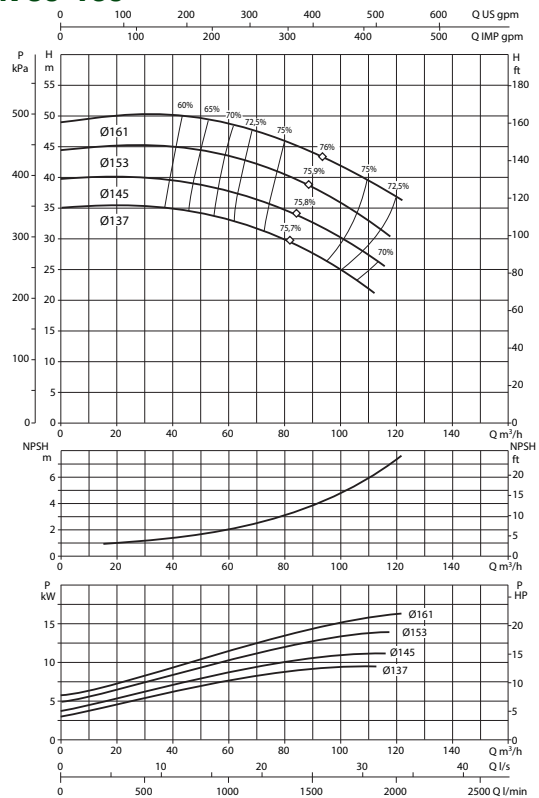
KDN 40-250



KDN 50-125



KDN 50-160

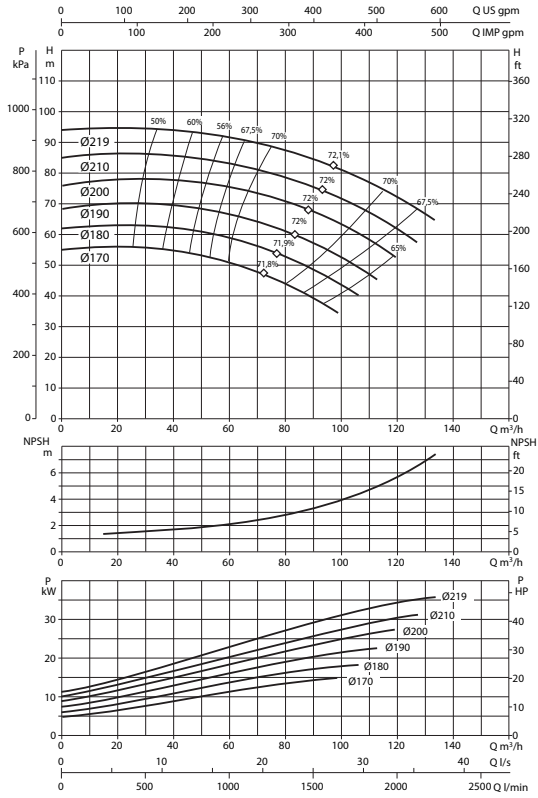


The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

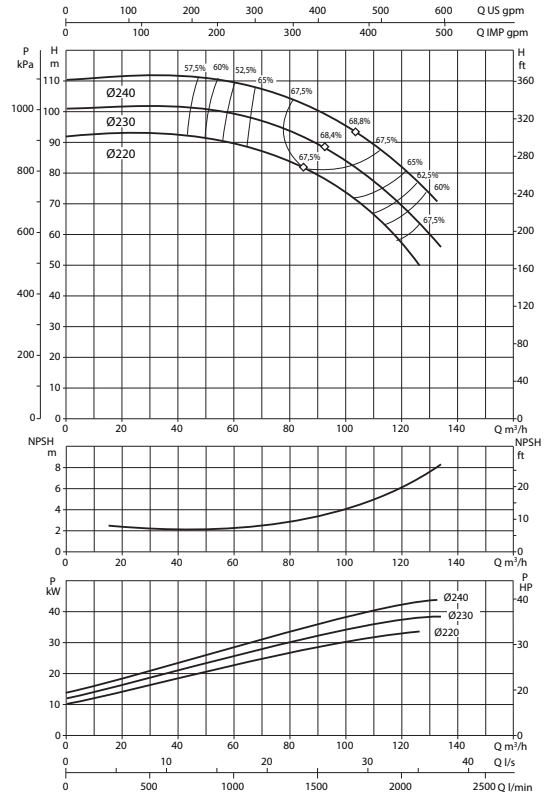
HYDRAULIC DATA

2-POLES MOTOR (= 3500 r.p.m.)

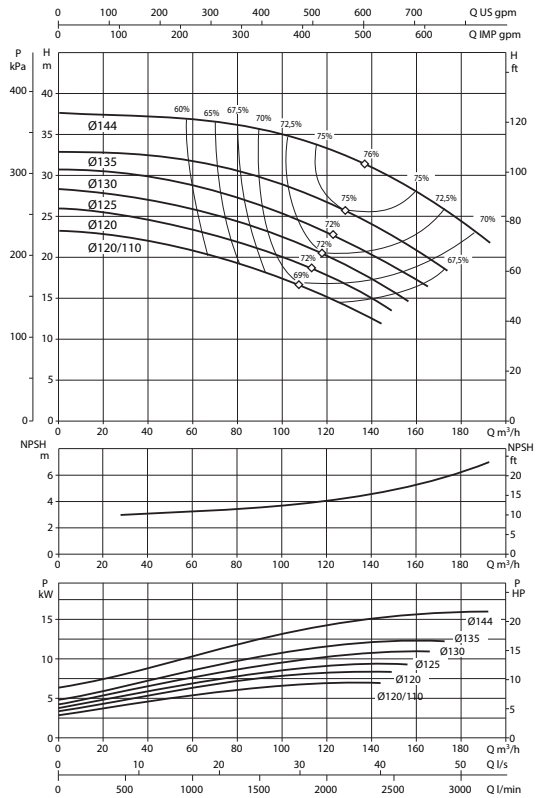
KDN 50-200



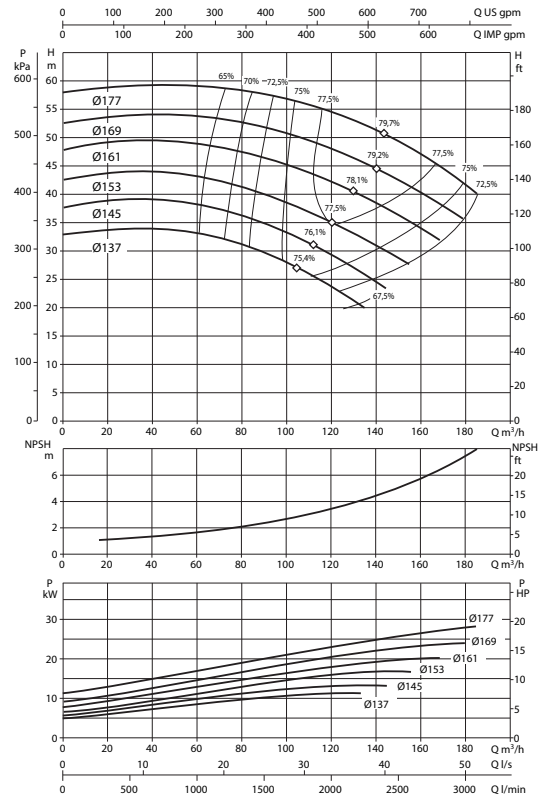
KDN 50-250



KDN 65-125



KDN 65-160

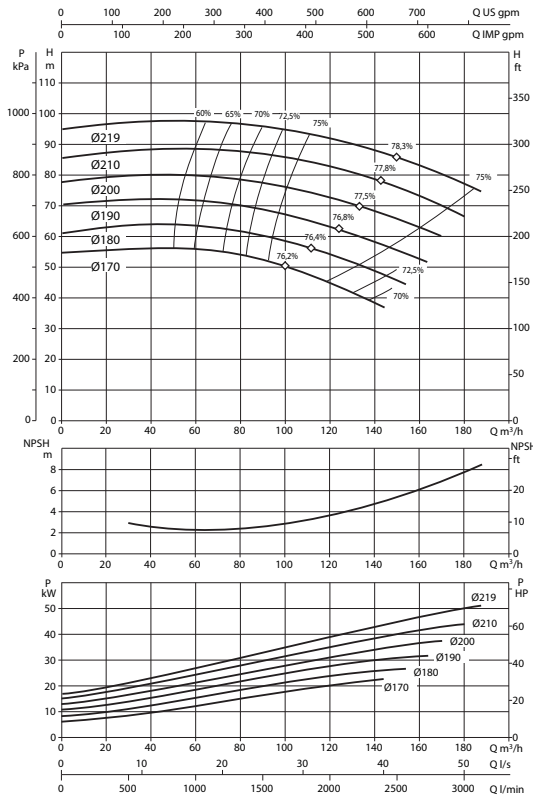


The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

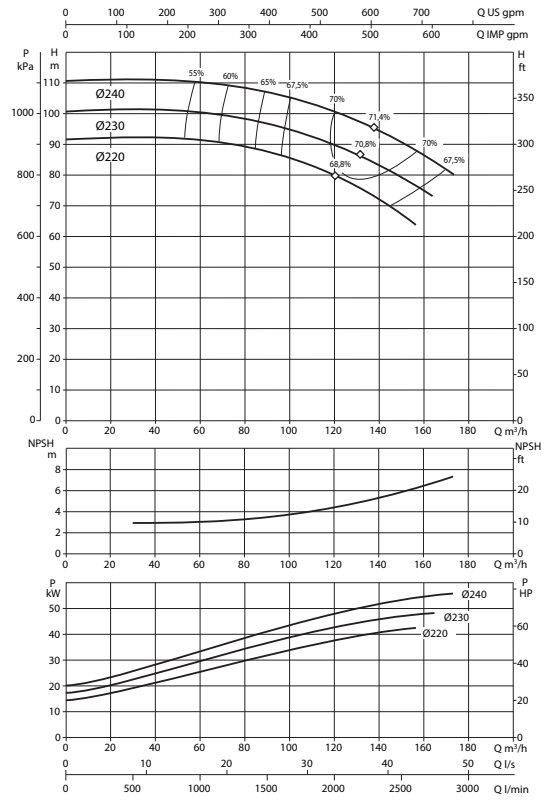
HYDRAULIC DATA

2-POLES MOTOR (= 3500 r.p.m.)

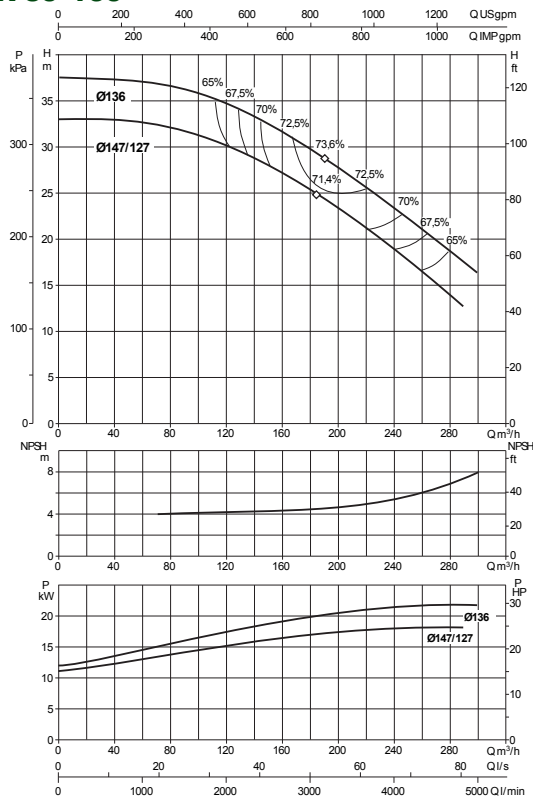
KDN 65-200



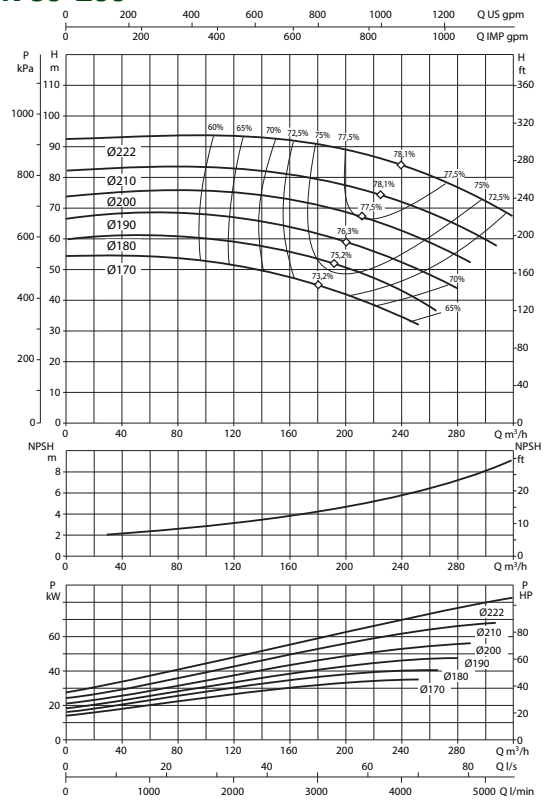
KDN 65-250



KDN 80-160



KDN 80-200

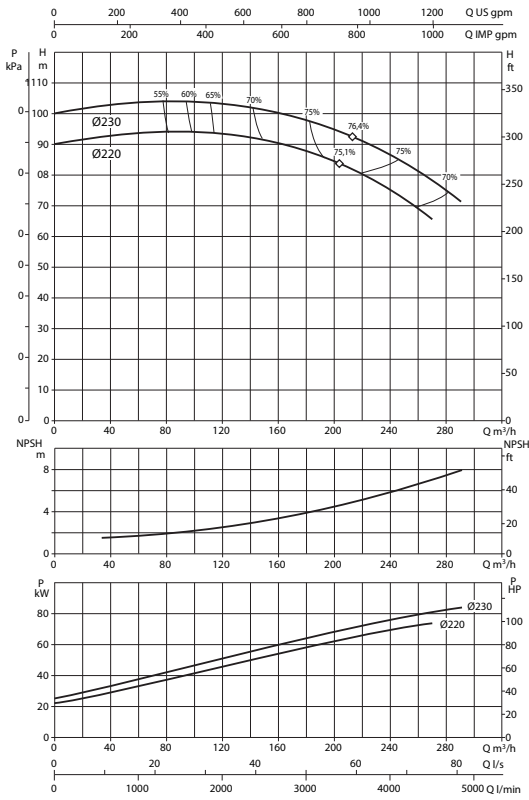


The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

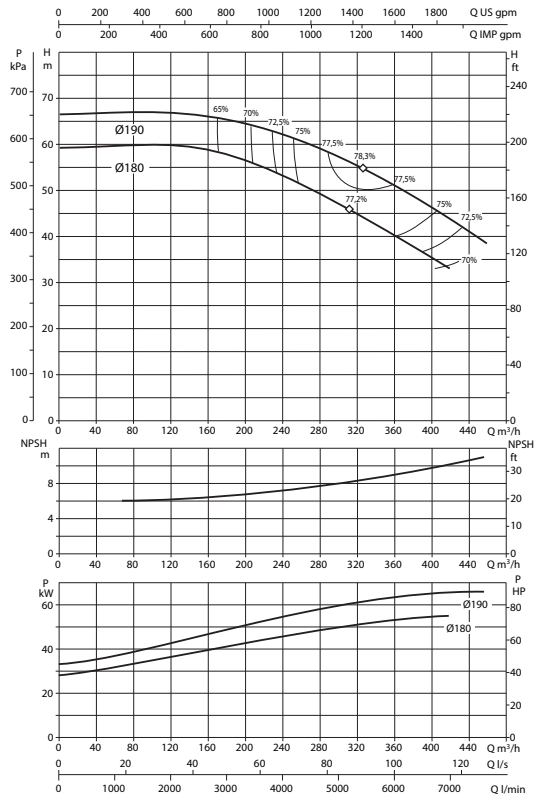
HYDRAULIC DATA

2-POLES MOTOR (= 3500 r.p.m.)

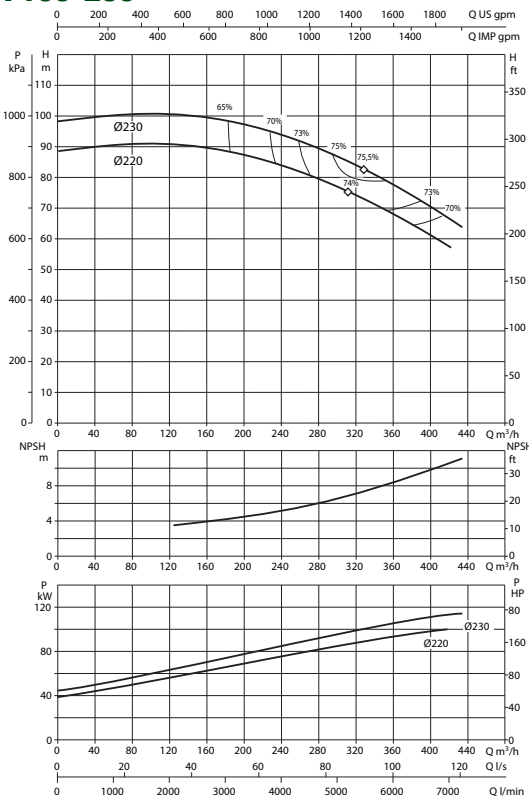
KDN 80-250



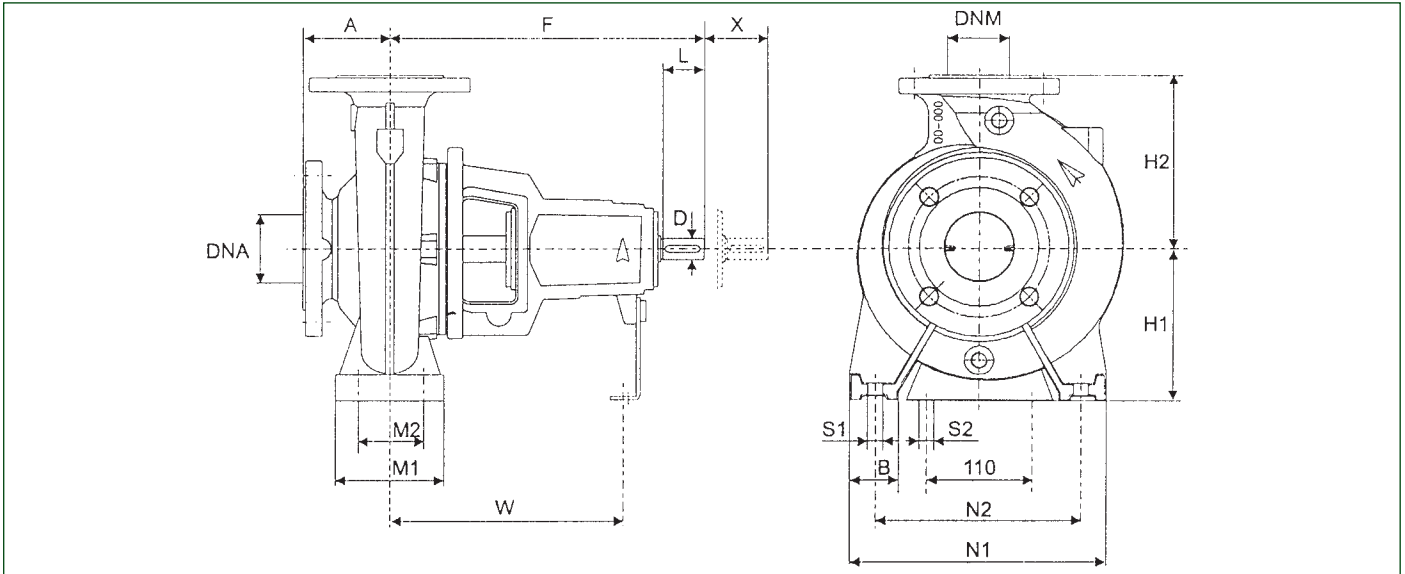
KDN 100-200



KDN 100-250



DIMENSIONS AND WEIGHTS



| MODEL | η MAX 1750 min ⁻¹ | | η MAX 3500 min ⁻¹ | | FLANGE DIMENSIONS | | PUMP DIMENSIONS | | | | BASE DIMENSIONS | | | | BOLT HOLES | | SHAFT END | | | WEIGHT Kg | | |
|--------------|---------------------------------|--------|---------------------------------|--------|----------------------|-----|-----------------|-----|-----|-----|-----------------|-----|-----|-----|------------|-----|-----------|-----|----|--------------|-----|-----|
| | Q m ³ /h | H m | Q m ³ /h | H m | DNa | DNM | A | F | H1 | H2 | B | M1 | M2 | N1 | N2 | W | S1 | S2 | D | | L | X |
| KDN 32-125.1 | 10,1 | 5,6 | 20,9 | 22 | 50 | 32 | 80 | 360 | 112 | 140 | 50 | 100 | 70 | | | 260 | M12 | M12 | 24 | 50 | 100 | 34 |
| KDN 32-125 | 13,6 | 5,8 | 28 | 22,8 | | | | | | | | | | | | | | | | | | 34 |
| KDN 32-160.1 | 9,2 | 8,6 | 18,5 | 34,5 | | | | | 132 | 160 | | | | 240 | 190 | | | | | | | 37 |
| KDN 32-160 | 15,9 | 8,6 | 31 | 34 | | | | | | | | | | | | | | | | | | 37 |
| KDN 32-200.1 | 8 | 12,2 | 16,2 | 48,2 | | | | | 160 | 180 | | | | | | | | | | | | 47 |
| KDN 32-200 | 17,7 | 13,2 | 35,5 | 52,5 | | | | | | | | | | | | | | | | | | 47 |
| KDN 40-125 | 21,8 | 5,6 | 46 | 21,5 | 65 | 40 | 80 | 360 | 112 | 140 | 50 | 100 | 70 | 210 | 160 | 260 | M12 | M12 | 24 | 50 | 100 | 34 |
| KDN 40-160 | 25,8 | 9,2 | 50 | 37,2 | | | | | 132 | 160 | | | | 240 | 190 | | | | | | | 39 |
| KDN 40-200 | 29 | 12,6 | 57 | 51 | | | 100 | | 160 | 180 | | | | 265 | 212 | | | | | | | 49 |
| KDN 40-250 | 31 | 19,1 | 62 | 77 | | | | | 180 | 225 | 65 | 125 | 95 | 320 | 250 | | | | | | | 64 |
| KDN 50-125 | 41 | 5,4 | 83 | 21,5 | 65 | 50 | 100 | 360 | 132 | 160 | 50 | 100 | 70 | 240 | 190 | 260 | M12 | M12 | 24 | 50 | 100 | 34 |
| KDN 50-160 | 43,3 | 9,3 | 87,5 | 37 | | | | | 160 | 180 | | | | 265 | 212 | | | | | | | 42 |
| KDN 50-200 | 41 | 14 | 81 | 56 | | | | | | 200 | | | | | | | | | | | | 56 |
| KDN 50-250 | 49 | 19,1 | 100 | 76 | | | | | 180 | 225 | 65 | 125 | 95 | 320 | 250 | | | | | | | 67 |
| KDN 65-125 | 57 | 5,2 | 114 | 21 | 80 | 65 | 100 | 360 | 160 | 180 | 65 | 125 | 95 | 280 | 212 | 260 | M12 | M12 | 24 | 50 | 100 | 41 |
| KDN 65-160 | 61 | 8,6 | 121 | 34,5 | | | | | | 200 | | | | | | | | | | | | 46 |
| KDN 65-200 | 62 | 14,8 | 123 | 59 | | | | | 180 | 225 | | | | 320 | 250 | | | | | | | 55 |
| KDN 65-250 | 65,4 | 20 | 129 | 81 | | | | 470 | 200 | 250 | 80 | 160 | 120 | 360 | 280 | 340 | M16 | | 32 | 80 | 140 | 89 |
| KDN 65-315 | 84 | 31,5 | - | - | | | 125 | | 225 | 280 | | | | 400 | 315 | | | | | | | 177 |
| KDN 80-160 | 101 | 8,1 | 195 | 33,5 | 100 | 80 | 125 | 360 | 180 | 225 | 65 | 125 | 95 | 320 | 250 | 260 | M12 | M12 | 24 | 50 | 140 | 55 |
| KDN 80-200 | 101 | 14,4 | 200 | 57,5 | | | | 470 | | 250 | | | | 345 | 280 | 340 | | | 32 | 80 | | 73 |
| KDN 80-250 | 103 | 23 | 215 | 88 | | | | | 200 | 280 | 80 | 160 | 120 | 400 | 315 | | M16 | | | | | 93 |
| KDN 80-315 | 136 | 35 | - | - | | | | | 250 | 315 | | | | | | | | | | | | 123 |
| KDN 100-200 | 163 | 13,4 | 315 | 53 | 125 | 100 | 125 | 470 | 200 | 280 | 80 | 160 | 120 | 360 | 280 | 340 | M16 | M12 | 32 | 80 | 140 | 83 |
| KDN 100-250 | 159 | 21,8 | 313 | 87 | | | 140 | | 225 | | | | | 400 | 315 | | | | | | | 101 |
| KDN 100-315 | 187 | 34,1 | - | - | | | | | 250 | 315 | | | | | | | | | | | | 130 |
| KDN 125-250 | 289 | 20,5 | - | - | 150 | 125 | 140 | 470 | 250 | 355 | 80 | 160 | 120 | 400 | 315 | 340 | M16 | M12 | 32 | 80 | 140 | 118 |
| KDN 150-200 | 378 | 10 | - | - | 200 | 150 | 160 | 470 | 280 | 400 | 100 | 200 | 150 | 550 | 450 | 340 | M20 | M12 | 32 | 80 | 140 | 210 |

ACCESSORIES - COUNTERFLANGES KIT

| MODEL | COUNTERFLANGES AND SEALS | I | MATERIAL | PN |
|----------|--------------------------|--------------|-----------------|------------------|
| DN 32 | 1 x DN 32 + 1 x DN 50 | THREADED | STAINLESS STEEL | 16 |
| DN 40 | 1 x DN 40 + 1 x DN 65 | THREADED | STAINLESS STEEL | 16 |
| DN 50 | 1 x DN 50 + 1 x DN 65 | THREADED | STAINLESS STEEL | 16 |
| DN 65 | 1 x DN 65 + 1 x DN 80 | THREADED | STAINLESS STEEL | 16 |
| DN 32 | 1 x DN 32 + 1 x DN 50 | TO BE WELDED | STAINLESS STEEL | 16 |
| DN 40 | 1 x DN 40 + 1 x DN 65 | TO BE WELDED | STAINLESS STEEL | 16 |
| DN 50 | 1 x DN 50 + 1 x DN 65 | TO BE WELDED | STAINLESS STEEL | 16 |
| DN 50/1 | 1 x DN 50 + 1 x DN 80 | TO BE WELDED | STAINLESS STEEL | 16 |
| DN 65 | 1 x DN 65 + 1 x DN 80 | TO BE WELDED | STAINLESS STEEL | 16 |
| DN 65/1 | 1 x DN 65 + 1 x DN 100 | TO BE WELDED | STAINLESS STEEL | 16 |
| DN 80 | 1 x DN 80 + 1 x DN 100 | TO BE WELDED | STAINLESS STEEL | 16 |
| DN 80/1 | 1 x DN 80 + 1 x DN 125 | TO BE WELDED | STAINLESS STEEL | 16 |
| DN 100 | 1 x DN 100 + 1 x DN 125 | TO BE WELDED | STAINLESS STEEL | 16 |
| DN 125 | 1 x DN 125 + 1 x DN 150 | TO BE WELDED | STAINLESS STEEL | 16 |
| DN 150 | 1 x DN 150 + 1 x DN 200 | TO BE WELDED | STAINLESS STEEL | 16 (10 x DN 200) |
| DN 200 | 1 x DN 200 + 1 x DN 250 | TO BE WELDED | STAINLESS STEEL | 16 (10 x DN 200) |
| DN 250/1 | 1 x DN 200 + 1 x DN 250 | TO BE WELDED | STAINLESS STEEL | 16 |
| DN 300 | 1 x DN 300 + 1 x DN 350 | TO BE WELDED | STAINLESS STEEL | 16 |
| DN 350 | 1 x DN 350 + 1 x DN 400 | TO BE WELDED | STAINLESS STEEL | 16 |



KDN OVERSIZE STANDARDISED CENTRIFUGAL PUMPS



Single-stage centrifugal pump body with axial suction port, radial discharge port and horizontal shaft components. The KDN pumps have dimensions and nominal performances according to EN 733 (10 bar) but are designed for 16 bar operation wherever the shaft seal type allows it. The suction and discharge flanges are according to EN 7005 PN 10 or 16. All pumps are dynamically balanced according to ISO 1940 class 6.3 and impellers are hydraulically balanced. Pump and motor are mounted on a common baseplate in accordance with EN 23 661 in all-welded steel. Oversizes have profile base frames. Due to the pump design the complete bearing assembly including impeller and shaft seal can be dismantled without removing the pump body from the pipe system (back-pull-out design). Asynchronous, closed and cooled with external ventilation, 2, 4 or 6 poles motors.

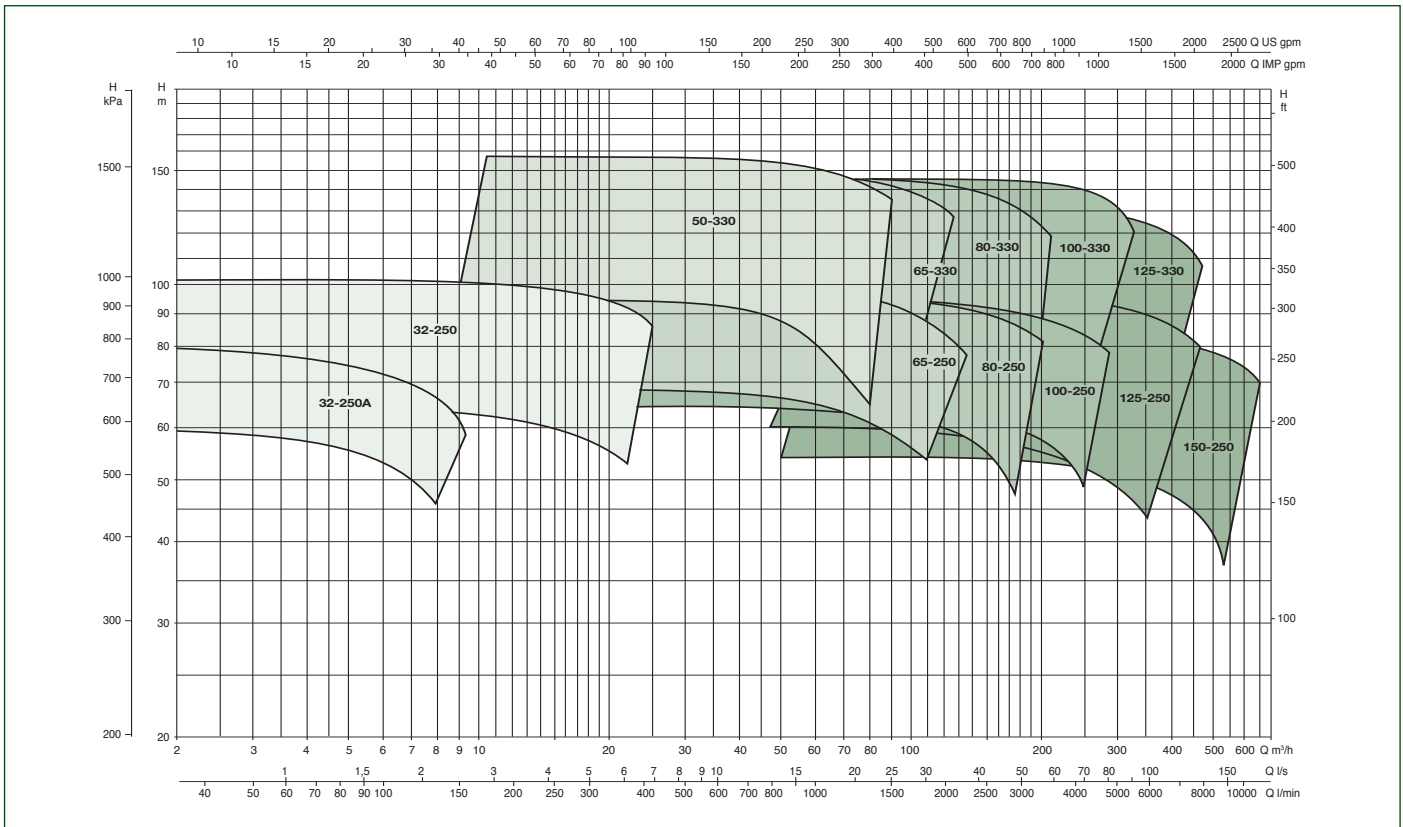
- Flow** Max. 2200 m³/h
- Head** Max. 158 m
- Liquid temperature** from -25°C to +140°C
- Operating pressure** Max. 16 bar
- Motor construction** B3
- Protection level** IP 55
- Insulation class** F
- Special versions on request**
other voltages and/or frequencies
- IE3 motor efficiency class available on request.**
Please contact our sales network for a price quotation.



Electrical protection: in compliance with the EEC 89/336 ELECTROMAGNETIC COMPATIBILITY directive and subsequent amendments, EEC 73/23 LOW VOLTAGE directive and subsequent amendments and CEI 2-3 standards.

TECHNICAL DATA - KDN ≈ 3500 r.p.m.

2 POLES-ENGINE



KDN OVERSIZE STANDARDISED CENTRIFUGAL PUMPS

DCONNECT

KDN \cong 1750 r.p.m.

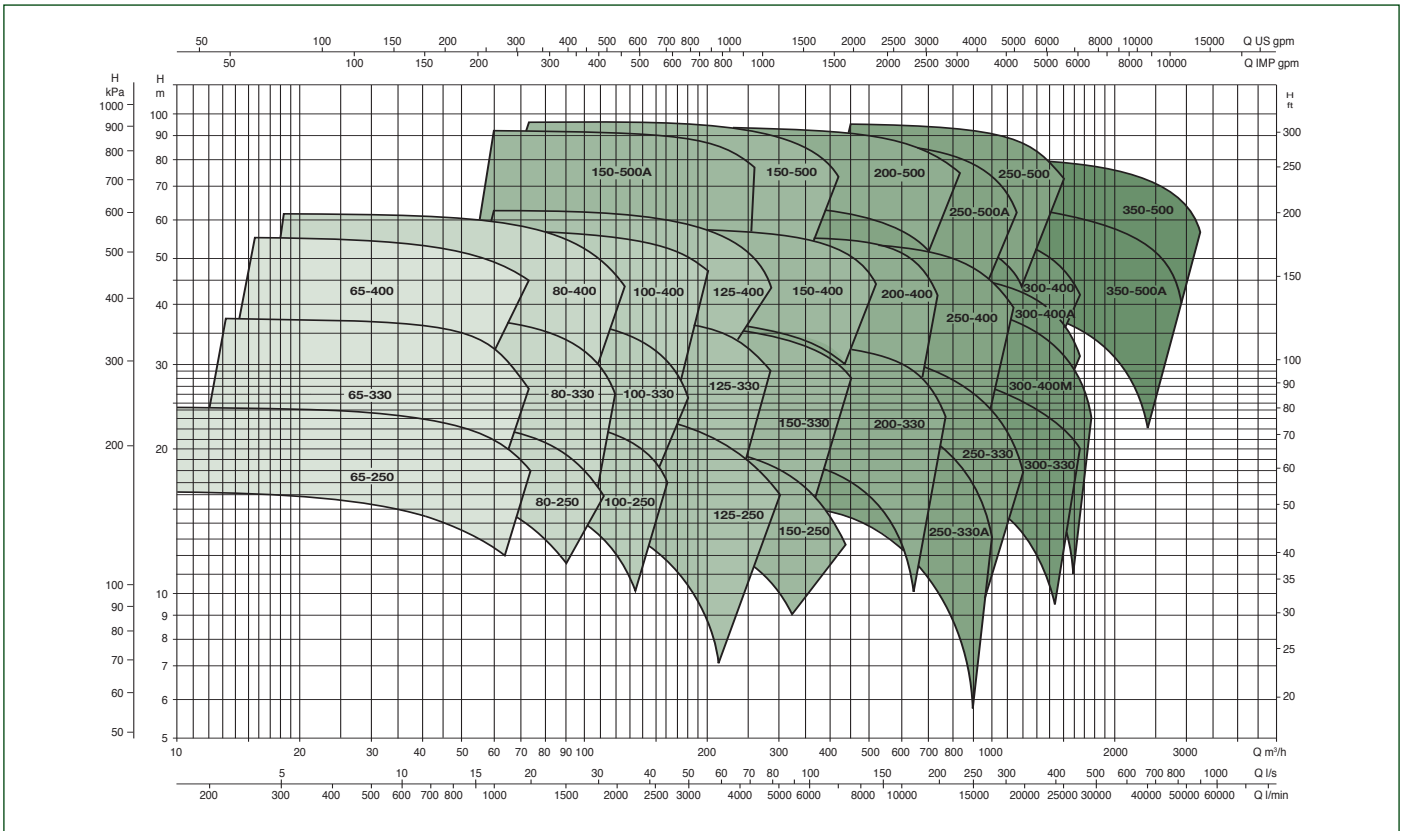
4 POLES-ENGINE

COMMAND AND
CONTROL SYSTEMS

CIRCULATORS AND
IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL
AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND
SALT WATER PUMPS



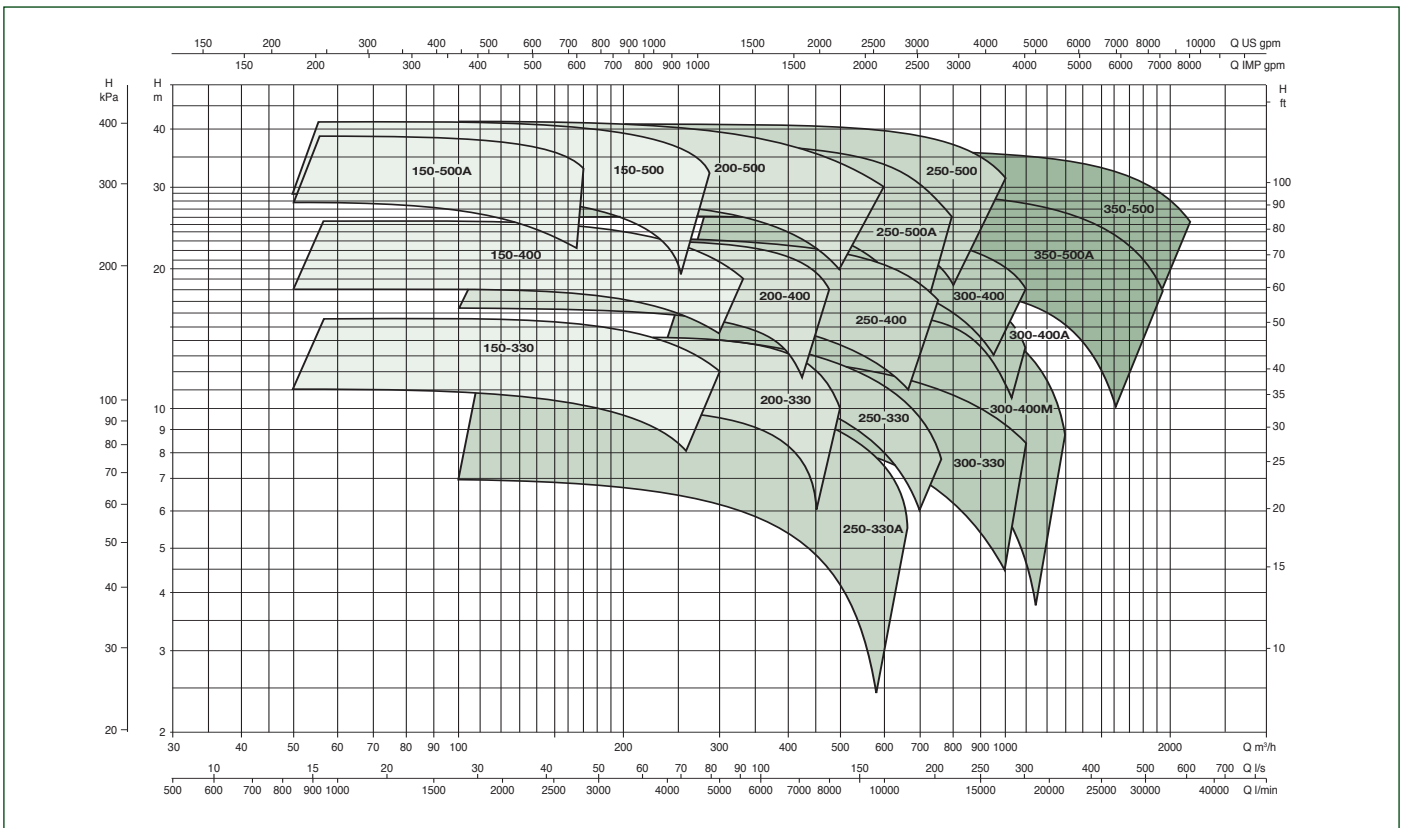
KDN \cong 1170 r.p.m.

6 POLES-ENGINE

CENTRIFUGAL PUMPS

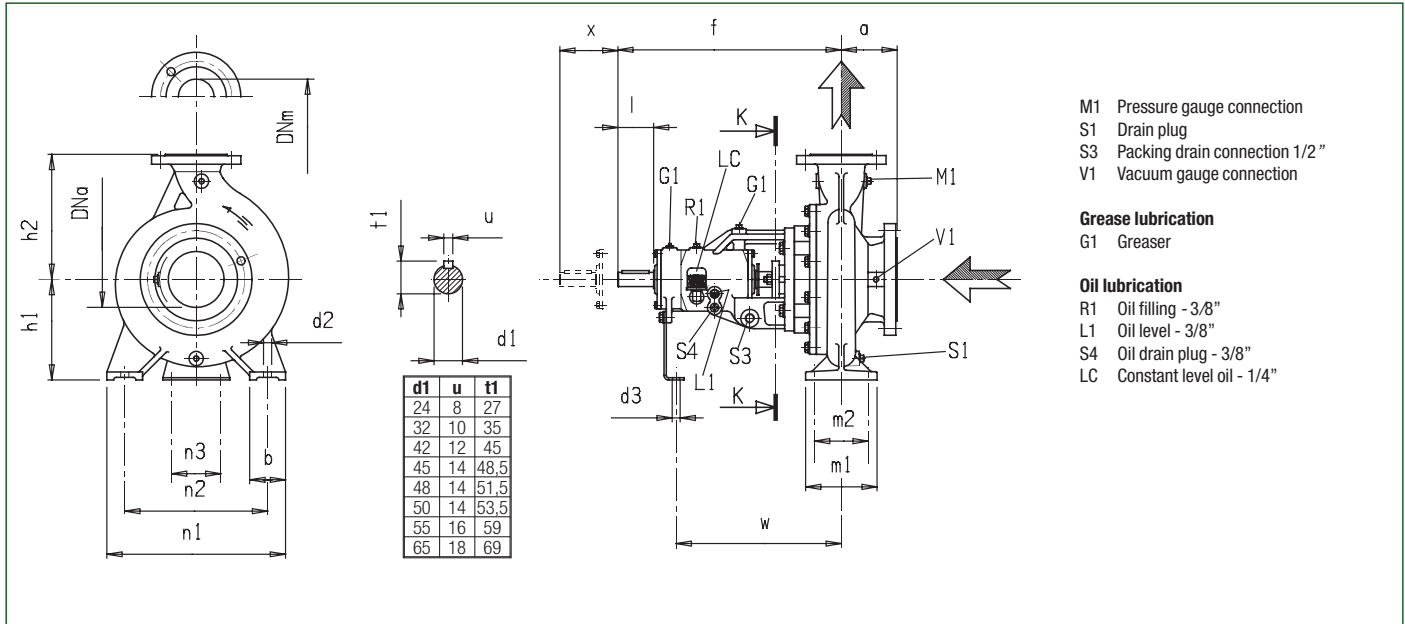
SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS
AND SUBMERSIBLE MOTORS



PRESSURE UNITS

DIMENSIONS AND WEIGHTS



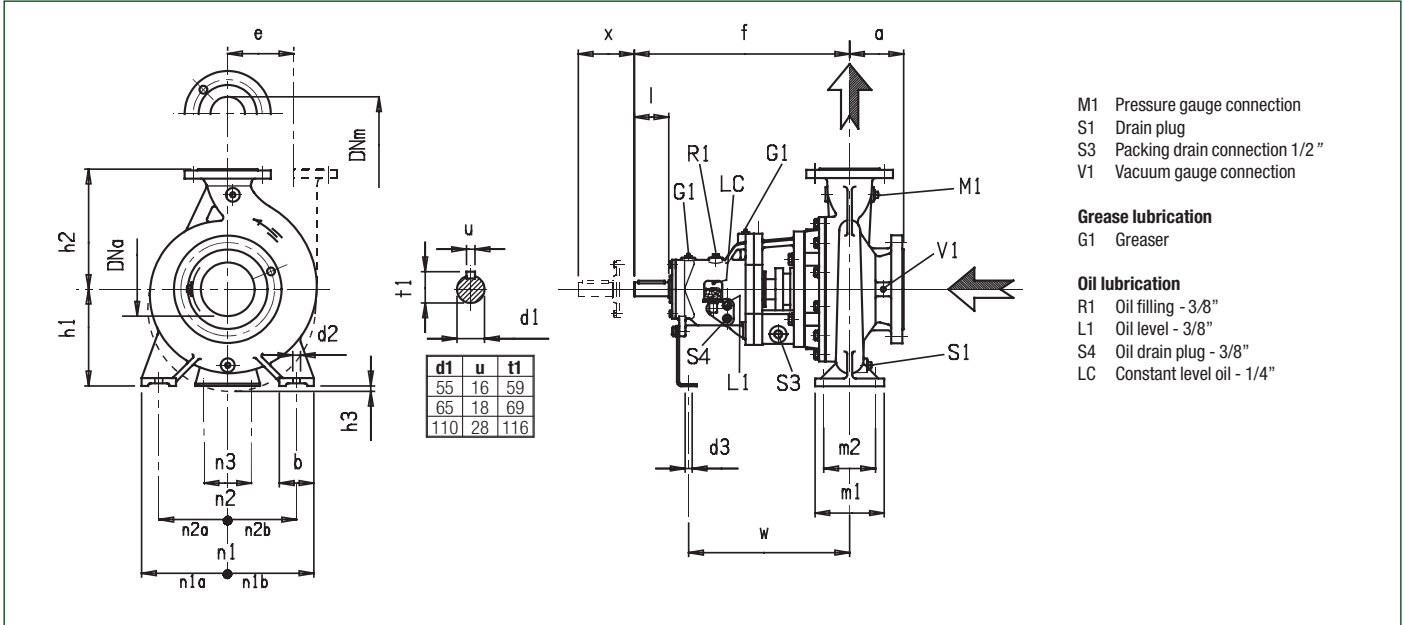
- M1 Pressure gauge connection
- S1 Drain plug
- S3 Packing drain connection 1/2"
- V1 Vacuum gauge connection

- Grease lubrication**
- G1 Greaser

- Oil lubrication**
- R1 Oil filling - 3/8"
 - L1 Oil level - 3/8"
 - S4 Oil drain plug - 3/8"
 - LC Constant level oil - 1/4"

| MODEL | Supp. | DNa | DNm | a | f | h1 | h2 | b | m1 | m2 | n1 | n2 | d2 | n3 | d3 | w | x | d1 | l | M1 | S1 | V1 | Kg |
|--------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|----|-----|-----|-------|-----|------|------|------|-----|
| KDN 32-250 | 2 | 50 | 32 | 100 | 500 | 180 | 225 | 65 | 125 | 95 | 320 | 250 | 14 | 110 | 14 | 370 | 100 | 32 | 80 | 3/8" | 1/4" | 1/4" | 78 |
| KDN 32-250A | 2 | 50 | 32 | 100 | 500 | 180 | 225 | 65 | 125 | 95 | 320 | 250 | 14 | 110 | 14 | 370 | 100 | 32 | 80 | 3/8" | 1/4" | 1/4" | 78 |
| KDN 50-330 | 2 | 80 | 50 | 125 | 500 | 225 | 280 | 65 | 125 | 95 | 345 | 280 | 14 | 110 | 14 | 370 | 100 | 32 | 80 | 3/8" | 1/4" | 1/4" | 116 |
| KDN 65-250 | 2 | 100 | 65 | 125 | 500 | 200 | 250 | 80 | 160 | 120 | 360 | 280 | 18 | 110 | 14 | 370 | 140 | 32 | 80 | 3/8" | 1/4" | 1/4" | 88 |
| KDN 65-330 | 3 | 100 | 65 | 125 | 530 | 225 | 280 | 80 | 160 | 120 | 400 | 315 | 18 | 110 | 14 | 370 | 140 | 42 | 110 | 3/8" | 1/4" | 1/4" | 152 |
| KDN 65-400 | 3 | 100 | 65 | 125 | 530 | 280 | 355 | 80 | 160 | 120 | 435 | 355 | 18 | 110 | 14 | 370 | 140 | 42 | 110 | 3/8" | 1/4" | 1/4" | 180 |
| KDN 80-250 | 2 | 125 | 80 | 125 | 500 | 225 | 280 | 80 | 160 | 120 | 400 | 315 | 18 | 110 | 14 | 370 | 140 | 32 | 80 | 3/8" | 3/8" | 3/8" | 100 |
| KDN 80-330 | 3 | 125 | 80 | 125 | 530 | 250 | 315 | 80 | 160 | 120 | 400 | 315 | 18 | 110 | 14 | 370 | 140 | 42 | 110 | 3/8" | 3/8" | 3/8" | 155 |
| KDN 80-400 | 3 | 125 | 80 | 125 | 530 | 280 | 355 | 80 | 160 | 120 | 435 | 365 | 18 | 110 | 14 | 370 | 140 | 42 | 110 | 3/8" | 3/8" | 3/8" | 185 |
| KDN 100-250 | 3 | 125 | 100 | 140 | 530 | 225 | 280 | 80 | 160 | 120 | 400 | 315 | 18 | 110 | 14 | 370 | 140 | 42 | 110 | 3/8" | 3/8" | 3/8" | 130 |
| KDN 100-330 | 3 | 125 | 100 | 140 | 530 | 250 | 315 | 80 | 160 | 120 | 400 | 315 | 18 | 110 | 14 | 370 | 140 | 42 | 110 | 3/8" | 3/8" | 3/8" | 170 |
| KDN 100-400 | 3 | 125 | 100 | 140 | 530 | 280 | 355 | 100 | 200 | 150 | 500 | 400 | 23 | 110 | 14 | 370 | 140 | 42 | 110 | 1/2" | 3/8" | 3/8" | 200 |
| KDN 125-250 | 3 | 150 | 125 | 140 | 530 | 250 | 355 | 80 | 160 | 120 | 400 | 315 | 18 | 110 | 14 | 370 | 140 | 42 | 110 | 1/2" | 3/8" | 3/8" | 140 |
| KDN 125-330 | 3 | 150 | 125 | 140 | 530 | 280 | 355 | 100 | 200 | 150 | 500 | 400 | 23 | 110 | 14 | 370 | 140 | 42 | 110 | 1/2" | 3/8" | 3/8" | 190 |
| KDN 125-400 | 3 | 150 | 125 | 140 | 530 | 315 | 400 | 100 | 200 | 150 | 500 | 400 | 23 | 110 | 14 | 370 | 140 | 42 | 110 | 1/2" | 3/8" | 3/8" | 220 |
| KDN 150-250 | 3 | 200 | 150 | 160 | 530 | 280 | 375 | 100 | 200 | 150 | 500 | 400 | 23 | 110 | 14 | 370 | 180 | 42 | 110 | 1/2" | 1/2" | 3/8" | 180 |
| KDN 150-330 | 4 | 200 | 150 | 160 | 670 | 315 | 400 | 100 | 200 | 150 | 550 | 450 | 22 | 140 | 18 | 500 | 180 | 55 1) | 110 | 1/2" | 1/2" | 3/8" | 255 |
| KDN 150-400 | 4 | 200 | 150 | 160 | 670 | 315 | 450 | 100 | 200 | 150 | 550 | 450 | 22 | 140 | 18 | 500 | 180 | 55 1) | 110 | 1/2" | 1/2" | 3/8" | 298 |
| KDN 150-500 | 4 | 200 | 150 | 180 | 670 | 355 | 500 | 100 | 200 | 150 | 550 | 450 | 22 | 140 | 18 | 500 | 180 | 55 | 110 | 1/2" | 1/2" | 3/8" | 410 |
| KDN 150-500A | 4 | 200 | 150 | 180 | 670 | 355 | 500 | 100 | 200 | 150 | 550 | 450 | 22 | 140 | 18 | 500 | 180 | 55 | 110 | 1/2" | 1/2" | 3/8" | 410 |

DIMENSIONS AND WEIGHTS



- M1 Pressure gauge connection
- S1 Drain plug
- S3 Packing drain connection 1/2"
- V1 Vacuum gauge connection

- Grease lubrication**
- G1 Greaser

- Oil lubrication**
- R1 Oil filling - 3/8"
 - L1 Oil level - 3/8"
 - S4 Oil drain plug - 3/8"
 - LC Constant level oil - 1/4"

| MODEL | Supp. | DNa | DNm | a | f | h1 | h2 | b | m1 | m2 | n1 | n1a | n1b | n2 | n2a | n2b | d2 | n3 | d3 | h3 | e | w | x | d1 | l | M1 | S1 | V1 | kg. |
|--------------|-------|-----|-----|-----|------|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|----|-----|----|----|-----|-----|-----|-----|-----|------|------|------|------|
| KDN 200-330 | 4 | 250 | 200 | 200 | 670 | 355 | 450 | 100 | 200 | 150 | 550 | 275 | 275 | 450 | 225 | 225 | 22 | 140 | 18 | | | 500 | 180 | 55 | 110 | 1/2" | 1/2" | 3/8" | 360 |
| KDN 200-400 | 4 | 250 | 200 | 185 | 670 | 355 | 500 | 100 | 200 | 150 | 550 | 275 | 275 | 450 | 225 | 225 | 22 | 140 | 18 | | | 500 | 180 | 55 | 110 | 1/2" | 1/2" | 3/8" | 390 |
| KDN 200-500 | 4 | 250 | 200 | 185 | 670 | 400 | 580 | 140 | 250 | 190 | 800 | 400 | 400 | 660 | 330 | 330 | 27 | 140 | 18 | 15 | | 500 | 180 | 55 | 110 | 1/2" | 1/2" | 3/8" | 400 |
| KDN 250-330 | 4 | 300 | 250 | 250 | 670 | 400 | 525 | 140 | 250 | 190 | 700 | 350 | 350 | 560 | 280 | 280 | 27 | 140 | 18 | | | 500 | 240 | 55 | 110 | 1/2" | 1/2" | 3/8" | 410 |
| KDN 250-400 | 5 | 300 | 250 | 225 | 780 | 400 | 600 | 125 | 250 | 190 | 690 | 345 | 345 | 560 | 280 | 280 | 27 | 140 | 18 | | | 545 | 180 | 65 | 140 | 1/2" | 1/2" | 3/8" | 650 |
| KDN 250-500 | 5 | 300 | 250 | 300 | 800 | 500 | 500 | 130 | 260 | 190 | 830 | 380 | 450 | 710 | 320 | 390 | 27 | 140 | 18 | | 425 | 565 | 250 | 65 | 140 | 1/2" | 1/2" | 3/8" | 700 |
| KDN 250-500A | 5 | 300 | 250 | 300 | 800 | 500 | 500 | 130 | 260 | 190 | 830 | 380 | 450 | 710 | 320 | 390 | 27 | 140 | 18 | | 425 | 565 | 250 | 65 | 140 | 1/2" | 1/2" | 3/8" | 700 |
| KDN 300-330 | 4 | 350 | 300 | 300 | 720 | 500 | 670 | 150 | 360 | 280 | 900 | 450 | 450 | 750 | 375 | 375 | 27 | 140 | 18 | | | 550 | 240 | 55 | 110 | 1/2" | 1/2" | 3/8" | 780 |
| KDN 300-400 | 5 | 350 | 300 | 325 | 790 | 400 | 640 | 125 | 250 | 190 | 690 | 345 | 345 | 560 | 280 | 280 | 27 | 140 | 18 | | | 555 | 240 | 65 | 140 | 1/2" | 1/2" | 3/8" | 800 |
| KDN 300-400A | 5 | 350 | 300 | 325 | 790 | 400 | 640 | 125 | 250 | 190 | 690 | 345 | 345 | 560 | 280 | 280 | 27 | 140 | 18 | | | 555 | 240 | 65 | 140 | 1/2" | 1/2" | 3/8" | 800 |
| KDN 300-400M | 5 | 350 | 300 | 300 | 845 | 500 | 670 | 150 | 360 | 280 | 900 | 450 | 450 | 750 | 375 | 375 | 27 | 140 | 18 | | | 610 | 240 | 65 | 140 | 1/2" | 1/2" | 3/8" | 900 |
| KDN 350-500 | 6 | 400 | 350 | 380 | 1150 | 600 | 600 | 150 | 400 | 300 | 1000 | 450 | 550 | 850 | 375 | 475 | 27 | 140 | 18 | | 450 | 800 | 380 | 110 | 210 | 1/2" | 1/2" | 3/8" | 1080 |
| KDN 350-500A | 6 | 400 | 350 | 380 | 1150 | 600 | 600 | 150 | 400 | 300 | 1000 | 450 | 550 | 850 | 375 | 475 | 27 | 140 | 18 | | 450 | 800 | 380 | 110 | 210 | 1/2" | 1/2" | 3/8" | 1080 |



KVC



KVCX

CE Vertical multistage centrifugal pump suitable for use in small and medium water supply installations. Suitable for pressurization units, surge tank supply, rain irrigation and crop-dusting systems, fire-fighting and washing systems, conveyance of condensate and cooling water. Innovative and robust design. Technopolymer discharge/suction bodies and in-line suction and discharge ports with threaded metal insert. Impellers, diffuser bodies and diffusers in technopolymer, fully rust-proof. Stainless steel AISI 303 pump jacket, adjustment rings and seal disk. Silicon carbide/Carbon graphite mechanical seal, fitted on the AISI 303 stainless-steel drive shaft extension. Asynchronous, closed motor cooled by external ventilation. Rotor mounted on oversized greased sealed-for-life ball bearings to ensure silent running and long life. Built-in thermal and current overload protection and a capacitor permanently on in the singlephase version. Protection for the three-phase version is the responsibility of the user. Built in CEI 2-3/CEI 61/69 (EN 60335-2-41) standards.

Level of protection IP 55

Insulation class F

Operating range

from 50 to 200 litre/min. with head up to 113 m.

Pumped liquid clean, free from solids or abrasive substances, not viscous, not aggressive, not crystallised and chemically neutral and close to the characteristics of water.

Liquid temperature range

from 0°C to +35°C for domestic use

(EN 60335-2-41 safety standards).

from 0°C to +40°C for other uses.

Maximum ambient temperature +40°C

Maximum working pressure 12 bar (1200 kPa).

Installation fixed, in vertical or horizontal position.

Providing that the motor is positioned above the pump.

TECHNICAL DATA - KVC - 2 POLES

| MODEL | ELECTRICAL DATA | | | | | | | | | | |
|--------------|-----------------|-------------------------|----------|------------|------|---------|---------|--------|-------|-----------|-----|
| | N° IMPELLER | VOLTAGE 60 Hz | P1 MAX W | P2 NOMINAL | | In A | I st. A | r.p.m. | cos φ | CAPACITOR | |
| | | | | kW | HP | | | | | μF | Vc |
| KVC 15/306 M | 2 | 1x115/60 V~ | 0,6 | 0,25 | 0,33 | 6,2 | 30,24 | 3520 | 0,79 | 50 | 250 |
| KVC 15/306 M | 2 | 1x220/230/60 V~ | 0,6 | 0,25 | 0,33 | 3-3,2 | 23,7 | 3520 | 0,79 | 12,5 | 450 |
| KVC 15/306 T | 2 | 3x220-277/380-480/60 V~ | 0,5 | 0,25 | 0,33 | 1,73-1 | 8,8 | 3487 | 0,63 | - | - |
| KVC 25/306 M | 3 | 1x115/60 V~ | 0,7 | 0,37 | 0,5 | 7 | 30,24 | 3479 | 0,89 | 50 | 250 |
| KVC 25/306 M | 3 | 1x220/230/60 V~ | 0,7 | 0,37 | 0,5 | 3,4-3,6 | 23,7 | 3479 | 0,88 | 12,5 | 450 |
| KVC 25/306 T | 3 | 3x220-277/380-480/60 V~ | 0,6 | 0,37 | 0,5 | 2,1-1,2 | 8,8 | 3429 | 0,75 | - | - |
| KVC 35/306 M | 4 | 1x115/60 V~ | 0,9 | 0,45 | 0,6 | 8 | 30,24 | 3439 | 0,96 | 50 | 250 |
| KVC 35/306 M | 4 | 1x220/230/60 V~ | 0,9 | 0,45 | 0,6 | 3,9-4,1 | 23,7 | 3439 | 1,02 | 12,5 | 450 |
| KVC 35/306 T | 4 | 3x220-277/380-480/60 V~ | 0,9 | 0,45 | 0,6 | 2,8-1,6 | 8,8 | 3357 | 0,8 | - | - |
| KVC 45/306 M | 5 | 1x115/60 V~ | 1 | 0,55 | 0,75 | 9 | 30,24 | 3400 | 0,96 | 50 | 250 |
| KVC 45/306 M | 5 | 1x220/230/60 V~ | 1 | 0,55 | 0,75 | 4,3-4,5 | 23,7 | 3400 | 0,94 | 12,5 | 450 |
| KVC 45/306 T | 5 | 3x220-277/380-480/60 V~ | 1 | 0,55 | 0,75 | 2,7-1,6 | 8,8 | 3345 | 0,86 | - | - |
| KVC 50/306 M | 6 | 1x115/60 V~ | 1,2 | 0,75 | 1 | 11,2 | 49,78 | 3400 | 0,94 | 50 | 250 |
| KVC 50/306 M | 6 | 1x220/230/60 V~ | 1,2 | 0,75 | 1 | 5,4-5,6 | 26,86 | 3324 | 0,93 | 12,5 | 450 |
| KVC 50/306 T | 6 | 3x220-277/380-480/60 V~ | 1,1 | 0,55 | 0,75 | 3,3-1,9 | 9,7 | 3324 | 0,85 | - | - |
| KVC 60/306 M | 7 | 1x115/60 V~ | 1,4 | 0,8 | 1,1 | 12,6 | 78,14 | 3411 | 0,96 | 80 | 250 |
| KVC 60/306 M | 7 | 1x220/230/60 V~ | 1,4 | 0,8 | 1,1 | 6-6,3 | 27,42 | 3411 | 0,95 | 20 | 450 |
| KVC 60/306 T | 7 | 3x220-277/380-480/60 V~ | 1,3 | 0,8 | 1,1 | 3,6-2,1 | 10,68 | 3320 | 0,85 | 12,5 | - |
| KVC 20/506 M | 2 | 1x115/60 V~ | 0,7 | 0,37 | 0,5 | 7 | 30,24 | 3486 | 0,89 | 50 | 250 |
| KVC 20/506 M | 2 | 1x220/230/60 V~ | 0,7 | 0,37 | 0,5 | 3,4-3,6 | 23,7 | 3486 | 0,86 | 12,5 | 450 |
| KVC 20/506 T | 2 | 3x220-277/380-480/60 V~ | 0,6 | 0,37 | 0,5 | 2-1,2 | 8,8 | 3432 | 0,75 | - | - |
| KVC 30/506 M | 3 | 1x115/60 V~ | 0,92 | 0,55 | 0,75 | 8,6 | 30,24 | 3420 | 0,94 | 50 | 250 |
| KVC 30/506 M | 3 | 1x220/230/60 V~ | 0,92 | 0,55 | 0,75 | 4,1-4,3 | 23,7 | 3420 | 0,93 | 12,5 | 450 |
| KVC 30/506 T | 3 | 3x220-277/380-480/60 V~ | 0,85 | 0,55 | 0,75 | 2,6-1,5 | 8,8 | 3339 | 0,83 | - | - |
| KVC 40/506 M | 4 | 1x115/60 V~ | 1,2 | 0,8 | 1,1 | 11 | 78,74 | 3440 | 0,95 | 80 | 250 |
| KVC 40/506 M | 4 | 1x220/230/60 V~ | 1,2 | 0,8 | 1,1 | 5,3-5,5 | 35,24 | 3440 | 0,93 | 20 | 450 |
| KVC 40/506 T | 4 | 3x220-277/380-480/60 V~ | 1,1 | 0,8 | 1,1 | 3,5-2,1 | 12,6 | 3375 | 0,82 | - | - |

KVC / KVCX

MULTISTAGE CENTRIFUGAL PUMPS WITH VERTICAL AXIS

TECHNICAL DATA - KVC

| MODEL | ELECTRICAL DATA | | | | | | | | | | |
|---------------|-----------------|-------------------------|----------|------------|------|-----------|---------|--------|-------|-----------|-----|
| | N° IMPELLER | VOLTAGE 60 Hz | P1 MAX W | P2 NOMINAL | | In A | I st. A | r.p.m. | cos φ | CAPACITOR | |
| | | | | KW | HP | | | | | μF | Vc |
| KVC 55/506 M | 5 | 1x115/60 V~ | 1,5 | 1 | 1,36 | 15 | 78,74 | 3459 | 0,91 | 80 | 250 |
| KVC 55/506 M | 5 | 1x220/230/60 V~ | 1,5 | 1 | 1,36 | 7,1-7,4 | 35,24 | 3459 | 0,89 | 25 | 450 |
| KVC 55/506 T | 5 | 3x220-277/380-480/60 V~ | 1,4 | 1 | 1,36 | 4,1-2,4 | 12,6 | 3374 | 0,83 | - | - |
| KVC 65/506 M | 6 | 1x220/230/60 V~ | 1,9 | 1,1 | 1,5 | 7,7-8 | 39 | 3480 | 0,94 | 25 | 450 |
| KVC 65/506 T | 6 | 3x220-277/380-480/60 V~ | 1,9 | 1,1 | 1,5 | 4,3-2,5 | 21,64 | 3360 | 0,84 | - | - |
| KVC 75/506 M | 7 | 1x220/230/60 V~ | 1,96 | 1,5 | 2 | 8,9-9,4 | 78,74 | 3450 | 0,91 | 31,5 | 450 |
| KVC 75/506 T | 7 | 3x220-277/380-480/60 V~ | 1,9 | 1,5 | 2 | 6,4-3,7 | 21,64 | 3375 | 0,84 | - | - |
| KVC 15/806 M | 2 | 1x115/60 V~ | 0,7 | 0,37 | 0,5 | 6,9 | 30,24 | 3491 | 0,89 | 50 | 250 |
| KVC 15/806 M | 2 | 1x220/230/60 V~ | 0,7 | 0,37 | 0,5 | 3,3-3,5 | 23,7 | 3491 | 0,86 | 12,5 | 450 |
| KVC 15/806 T | 2 | 3x220-277/380-480/60 V~ | 0,6 | 0,37 | 0,5 | 2,1-1,2 | 8,8 | 3438 | 0,75 | - | - |
| KVC 20/806 M | 3 | 1x115/60 V~ | 0,9 | 0,55 | 0,75 | 8,5 | 30,24 | 3433 | 0,94 | 50 | 250 |
| KVC 20/806 M | 3 | 1x220/230/60 V~ | 0,9 | 0,55 | 0,75 | 4-4,2 | 23,7 | 3433 | 0,93 | 12,5 | 450 |
| KVC 20/806 T | 3 | 3x220-277/380-480/60 V~ | 0,8 | 0,55 | 0,75 | 2,6-1,5 | 8,8 | 3351 | 0,83 | - | - |
| KVC 30/806 M | 4 | 1x115/60 V~ | 1,2 | 0,8 | 1,1 | 11 | 78,74 | 3452 | 0,94 | 80 | 250 |
| KVC 30/806 M | 4 | 1x220/230/60 V~ | 1,2 | 0,8 | 1,1 | 5,1-5,3 | 35,24 | 3452 | 0,92 | 20 | 450 |
| KVC 30/806 T | 4 | 3x220-277/380-480/60 V~ | 1 | 0,8 | 1,1 | 3,5-2 | 12,6 | 3378 | 0,91 | - | - |
| KVC 40/806 M | 5 | 1x115/60 V~ | 1,5 | 1 | 1,36 | 14,9 | 78,74 | 3478 | 0,9 | 80 | 250 |
| KVC 40/806 M | 5 | 1x220/230/60 V~ | 1,5 | 1 | 1,36 | 6,9-7,2 | 35,24 | 3478 | 0,89 | 25 | 450 |
| KVC 40/806 T | 5 | 3x220-277/380-480/60 V~ | 1,3 | 1 | 1,36 | 4-2,4 | 12,6 | 3405 | 0,83 | - | - |
| KVC 45/806 M | 6 | 1x220/230/60 V~ | 1,9 | 1,1 | 1,5 | 7,7-8 | 39 | 3480 | 0,94 | 31,5 | 450 |
| KVC 45/806 T | 6 | 3x220-277/380-480/60 V~ | 1,6 | 1,1 | 1,5 | 5,2-3 | 21,64 | 3360 | 0,84 | - | - |
| KVC 55/806 M | 7 | 1x220/230/60 V~ | 2,2 | 1,5 | 2 | 9,6-10 | 39 | 3450 | 0,91 | 31,5 | 450 |
| KVC 55/806 T | 7 | 3x220-277/380-480/60 V~ | 1,9 | 1,5 | 2 | 6,2-3,6 | 21,64 | 3375 | 0,84 | - | - |
| KVC 65/806 T | 8 | 3x220-277/380-480/60 V~ | 2,1 | 2,2 | 3 | 6,9-4,3 | 25,43 | 3380 | 0,86 | - | - |
| KVC 25/1206 M | 2 | 1x115/60 V~ | 1,6 | 1 | 1,36 | 15,2 | 76 | 3462 | 0,9 | 80 | 250 |
| KVC 25/1206 M | 2 | 1x220/230/60 V~ | 1,6 | 1 | 1,36 | 7,6-8 | 38 | 3462 | 0,9 | 20 | 450 |
| KVC 25/1206 T | 2 | 3x220-277/380-480/60 V~ | 1,5 | 1 | 1,36 | 4,5-2,6 | 21,64 | 3416 | 0,82 | - | - |
| KVC 35/1206 M | 3 | 1x220/230/60 V~ | 2,4 | 1,1 | 1,5 | 9,2-9,6 | 38 | 3330 | 0,95 | 31,5 | 450 |
| KVC 35/1206 T | 3 | 3x220-277/380-480/60 V~ | 2 | 1,1 | 1,5 | 5,7-3,3 | 15,77 | 3330 | 0,86 | - | - |
| KVC 45/1206 M | 4 | 1x220/230/60 V~ | 2,8 | 1,85 | 2,5 | 12,5-13,1 | 66 | 3420 | 0,95 | 40 | 450 |
| KVC 45/1206 T | 4 | 3x220-277/380-480/60 V~ | 2,8 | 1,85 | 2,5 | 8,1-4,7 | 37,8 | 3331 | 0,87 | - | - |
| KVC 60/1206 T | 5 | 3x220-277/380-480/60 V~ | 3,2 | 2,2 | 3 | 9-5,3 | 32,99 | 3297 | 0,9 | - | - |
| KVC 70/1206 T | 6 | 3x220-277/380-480/60 V~ | 3,8 | 3 | 4 | 11,9-6,9 | 37,8 | 3358 | 0,89 | - | - |

TECHNICAL DATA - KVCX

| MODEL | ELECTRICAL DATA | | | | | | | | | | |
|---------------|-----------------|-------------------------|----------|------------|------|---------|---------|--------|-------|-----------|-----|
| | N° IMPELLER | VOLTAGE 60 Hz | P1 MAX W | P2 NOMINAL | | In A | I st. A | r.p.m. | cos φ | CAPACITOR | |
| | | | | KW | HP | | | | | μF | Vc |
| KVCX 15/306 M | 2 | 1x115/60 V~ | 0,6 | 0,25 | 0,33 | 6,2 | 30,24 | 3520 | 0,79 | 50 | 250 |
| KVCX 15/306 M | 2 | 1x220/230/60 V~ | 0,6 | 0,25 | 0,33 | 3-3,2 | 23,7 | 3520 | 0,79 | 12,5 | 450 |
| KVCX 15/306 T | 2 | 3x220-277/380-480/60 V~ | 0,5 | 0,25 | 0,33 | 1,73-1 | 8,8 | 3487 | 0,63 | - | - |
| KVCX 25/306 M | 3 | 1x115/60 V~ | 0,7 | 0,37 | 0,5 | 7 | 30,24 | 3479 | 0,89 | 50 | 250 |
| KVCX 25/306 M | 3 | 1x220/230/60 V~ | 0,7 | 0,37 | 0,5 | 3,4-3,6 | 23,7 | 3479 | 0,88 | 12,5 | 450 |
| KVCX 25/306 T | 3 | 3x220-277/380-480/60 V~ | 0,6 | 0,37 | 0,5 | 2,1-1,2 | 8,8 | 3429 | 0,75 | - | - |
| KVCX 35/306 M | 4 | 1x115/60 V~ | 0,9 | 0,45 | 0,6 | 8 | 30,24 | 3439 | 0,96 | 50 | 250 |
| KVCX 35/306 M | 4 | 1x220/230/60 V~ | 0,9 | 0,45 | 0,6 | 3,9-4,1 | 23,7 | 3439 | 1,02 | 12,5 | 450 |
| KVCX 35/306 T | 4 | 3x220-277/380-480/60 V~ | 0,9 | 0,45 | 0,6 | 2,8-1,6 | 8,8 | 3357 | 0,8 | - | - |
| KVCX 45/306 M | 5 | 1x115/60 V~ | 1 | 0,55 | 0,75 | 9 | 30,24 | 3400 | 0,96 | 50 | 250 |

KVC / KVCX

MULTISTAGE CENTRIFUGAL PUMPS WITH VERTICAL AXIS

TECHNICAL DATA - KVCX

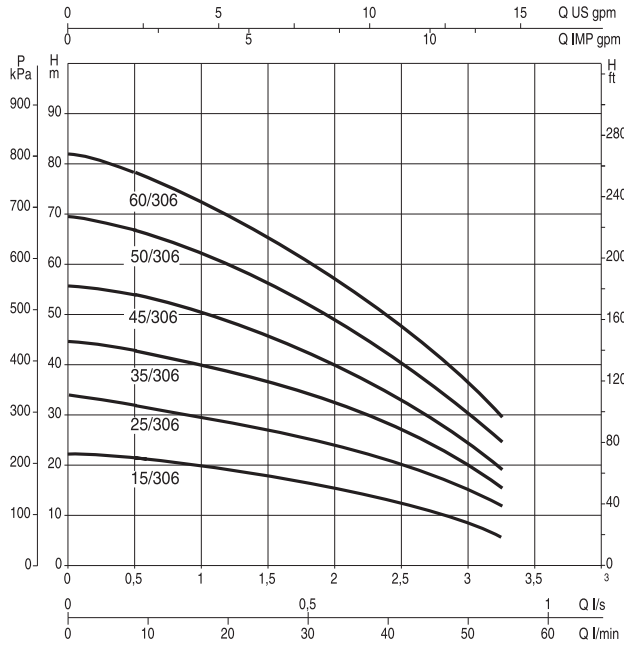
| MODEL | ELECTRICAL DATA | | | | | | | | | | |
|----------------|-----------------|-------------------------|----------|------------|------|-----------|---------|--------|-------|-----------|-----|
| | N° IMPELLER | VOLTAGE 60 Hz | P1 MAX W | P2 NOMINAL | | In A | I.st. A | r.p.m. | cos φ | CAPACITOR | |
| | | | | KW | HP | | | | | μF | Vc |
| KVCX 45/306 M | 5 | 1x220/230/60 V~ | 1 | 0,55 | 0,75 | 4,3-4,5 | 23,7 | 3400 | 0,94 | 12,5 | 450 |
| KVCX 45/306 T | 5 | 3x220-277/380-480/60 V~ | 1 | 0,55 | 0,75 | 2,7-1,6 | 8,8 | 3345 | 0,86 | - | - |
| KVCX 50/306 M | 6 | 1x115/60 V~ | 1,2 | 0,75 | 1 | 11,2 | 49,78 | 3400 | 0,94 | 50 | 250 |
| KVCX 50/306 M | 6 | 1x220/230/60 V~ | 1,2 | 0,75 | 1 | 5,4-5,6 | 26,86 | 3324 | 0,93 | 12,5 | 450 |
| KVCX 50/306 T | 6 | 3x220-277/380-480/60 V~ | 1,1 | 0,55 | 0,75 | 3,3-1,9 | 9,7 | 3324 | 0,85 | - | - |
| KVCX 60/306 M | 7 | 1x115/60 V~ | 1,4 | 0,8 | 1,1 | 12,6 | 78,14 | 3411 | 0,96 | 80 | 250 |
| KVCX 60/306 M | 7 | 1x220/230/60 V~ | 1,4 | 0,8 | 1,1 | 6-6,3 | 27,42 | 3411 | 0,95 | 20 | 450 |
| KVCX 60/306 T | 7 | 3x220-277/380-480/60 V~ | 1,3 | 0,8 | 1,1 | 3,6-2,1 | 10,68 | 3320 | 0,85 | 12,5 | - |
| KVCX 20/506 M | 2 | 1x115/60 V~ | 0,7 | 0,37 | 0,5 | 7 | 30,24 | 3486 | 0,89 | 50 | 250 |
| KVCX 20/506 M | 2 | 1x220/230/60 V~ | 0,7 | 0,37 | 0,5 | 3,4-3,6 | 23,7 | 3486 | 0,86 | 12,5 | 450 |
| KVCX 20/506 T | 2 | 3x220-277/380-480/60 V~ | 0,6 | 0,37 | 0,5 | 2-1,2 | 8,8 | 3432 | 0,75 | - | - |
| KVCX 30/506 M | 3 | 1x115/60 V~ | 0,92 | 0,55 | 0,75 | 8,6 | 30,24 | 3420 | 0,94 | 50 | 250 |
| KVCX 30/506 M | 3 | 1x220/230/60 V~ | 0,92 | 0,55 | 0,75 | 4,1-4,3 | 23,7 | 3420 | 0,93 | 12,5 | 450 |
| KVCX 30/506 T | 3 | 3x220-277/380-480/60 V~ | 0,85 | 0,55 | 0,75 | 2,6-1,5 | 8,8 | 3339 | 0,83 | - | - |
| KVCX 40/506 M | 4 | 1x115/60 V~ | 1,2 | 0,8 | 1,1 | 11 | 78,74 | 3440 | 0,95 | 80 | 250 |
| KVCX 40/506 M | 4 | 1x220/230/60 V~ | 1,2 | 0,8 | 1,1 | 5,3-5,5 | 35,24 | 3440 | 0,93 | 20 | 450 |
| KVCX 40/506 T | 4 | 3x220-277/380-480/60 V~ | 1,1 | 0,8 | 1,1 | 3,5-2,1 | 12,6 | 3375 | 0,82 | - | - |
| KVCX 55/506 M | 5 | 1x115/60 V~ | 1,5 | 1 | 1,36 | 15 | 78,74 | 3459 | 0,91 | 80 | 250 |
| KVCX 55/506 M | 5 | 1x220/230/60 V~ | 1,5 | 1 | 1,36 | 7,1-7,4 | 35,24 | 3459 | 0,89 | 25 | 450 |
| KVCX 55/506 T | 5 | 3x220-277/380-480/60 V~ | 1,4 | 1 | 1,36 | 4,1-2,4 | 12,6 | 3374 | 0,83 | - | - |
| KVCX 65/506 M | 6 | 1x220/230/60 V~ | 1,9 | 1,1 | 1,5 | 7,7-8 | 39 | 3480 | 0,94 | 25 | 450 |
| KVCX 65/506 T | 6 | 3x220-277/380-480/60 V~ | 1,9 | 1,1 | 1,5 | 4,3-2,5 | 21,64 | 3360 | 0,84 | - | - |
| KVCX 75/506 M | 7 | 1x220/230/60 V~ | 1,96 | 1,5 | 2 | 8,9-9,4 | 78,74 | 3450 | 0,91 | 31,5 | 450 |
| KVCX 75/506 T | 7 | 3x220-277/380-480/60 V~ | 1,9 | 1,5 | 2 | 6,4-3,7 | 21,64 | 3375 | 0,84 | - | - |
| KVCX 15/806 M | 2 | 1x115/60 V~ | 0,7 | 0,37 | 0,5 | 6,9 | 30,24 | 3491 | 0,89 | 50 | 250 |
| KVCX 15/806 M | 2 | 1x220/230/60 V~ | 0,7 | 0,37 | 0,5 | 3,3-3,5 | 23,7 | 3491 | 0,86 | 12,5 | 450 |
| KVCX 15/806 T | 2 | 3x220-277/380-480/60 V~ | 0,6 | 0,37 | 0,5 | 2,1-1,2 | 8,8 | 3438 | 0,75 | - | - |
| KVCX 20/806 M | 3 | 1x115/60 V~ | 0,9 | 0,55 | 0,75 | 8,5 | 30,24 | 3433 | 0,94 | 50 | 250 |
| KVCX 20/806 M | 3 | 1x220/230/60 V~ | 0,9 | 0,55 | 0,75 | 4-4,2 | 23,7 | 3433 | 0,93 | 12,5 | 450 |
| KVCX 20/806 T | 3 | 3x220-277/380-480/60 V~ | 0,8 | 0,55 | 0,75 | 2,6-1,5 | 8,8 | 3351 | 0,83 | - | - |
| KVCX 30/806 M | 4 | 1x115/60 V~ | 1,2 | 0,8 | 1,1 | 11 | 78,74 | 3452 | 0,94 | 80 | 250 |
| KVCX 30/806 M | 4 | 1x220/230/60 V~ | 1,2 | 0,8 | 1,1 | 5,1-5,3 | 35,24 | 3452 | 0,92 | 20 | 450 |
| KVCX 30/806 T | 4 | 3x220-277/380-480/60 V~ | 1 | 0,8 | 1,1 | 3,5-2 | 12,6 | 3378 | 0,91 | - | - |
| KVCX 40/806 M | 5 | 1x115/60 V~ | 1,5 | 1 | 1,36 | 14,9 | 78,74 | 3478 | 0,9 | 80 | 250 |
| KVCX 40/806 M | 5 | 1x220/230/60 V~ | 1,5 | 1 | 1,36 | 6,9-7,2 | 35,24 | 3478 | 0,89 | 25 | 450 |
| KVCX 40/806 T | 5 | 3x220-277/380-480/60 V~ | 1,3 | 1 | 1,36 | 4-2,4 | 12,6 | 3405 | 0,83 | - | - |
| KVCX 45/806 M | 6 | 1x220/230/60 V~ | 1,9 | 1,1 | 1,5 | 7,7-8 | 39 | 3480 | 0,94 | 31,5 | 450 |
| KVCX 45/806 T | 6 | 3x220-277/380-480/60 V~ | 1,6 | 1,1 | 1,5 | 5,2-3 | 21,64 | 3360 | 0,84 | - | - |
| KVCX 55/806 M | 7 | 1x220/230/60 V~ | 2,2 | 1,5 | 2 | 9,6-10 | 39 | 3450 | 0,91 | 31,5 | 450 |
| KVCX 55/806 T | 7 | 3x220-277/380-480/60 V~ | 1,9 | 1,5 | 2 | 6,2-3,6 | 21,64 | 3375 | 0,84 | - | - |
| KVCX 65/806 T | 8 | 3x220-277/380-480/60 V~ | 2,1 | 2,2 | 3 | 6,9-4,3 | 25,43 | 3380 | 0,86 | - | - |
| KVCX 25/1206 M | 2 | 1x115/60 V~ | 1,6 | 1 | 1,36 | 15,2 | 76 | 3462 | 0,9 | 80 | 250 |
| KVCX 25/1206 M | 2 | 1x220/230/60 V~ | 1,6 | 1 | 1,36 | 7,6-8 | 38 | 3462 | 0,9 | 20 | 450 |
| KVCX 25/1206 T | 2 | 3x220-277/380-480/60 V~ | 1,5 | 1 | 1,36 | 4,5-2,6 | 21,64 | 3416 | 0,82 | - | - |
| KVCX 35/1206 M | 3 | 1x220/230/60 V~ | 2,4 | 1,1 | 1,5 | 9,2-9,6 | 38 | 3330 | 0,95 | 31,5 | 450 |
| KVCX 35/1206 T | 3 | 3x220-277/380-480/60 V~ | 2 | 1,1 | 1,5 | 5,7-3,3 | 15,77 | 3330 | 0,86 | - | - |
| KVCX 45/1206 M | 4 | 1x220/230/60 V~ | 2,8 | 1,85 | 2,5 | 12,5-13,1 | 66 | 3420 | 0,95 | 40 | 450 |
| KVCX 45/1206 T | 4 | 3x220-277/380-480/60 V~ | 2,8 | 1,85 | 2,5 | 8,1-4,7 | 37,8 | 3331 | 0,87 | - | - |
| KVCX 60/1206 T | 5 | 3x220-277/380-480/60 V~ | 3,2 | 2,2 | 3 | 9-5,3 | 32,99 | 3297 | 0,9 | - | - |
| KVCX 70/1206 T | 6 | 3x220-277/380-480/60 V~ | 3,8 | 3 | 4 | 11,9-6,9 | 37,8 | 3358 | 0,89 | - | - |

DC CONNECT
 COMMAND AND CONTROL SYSTEMS
 CIRCULATORS AND IN-LINE PUMPS
 MULTISTAGE CENTRIFUGAL AND SELF-PRIMING PUMPS
 SWIMMING POOL, POND AND SALT WATER PUMPS
 CENTRIFUGAL PUMPS
 SUBMERSIBLE PUMPS
 SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS
 PRESSURE UNITS

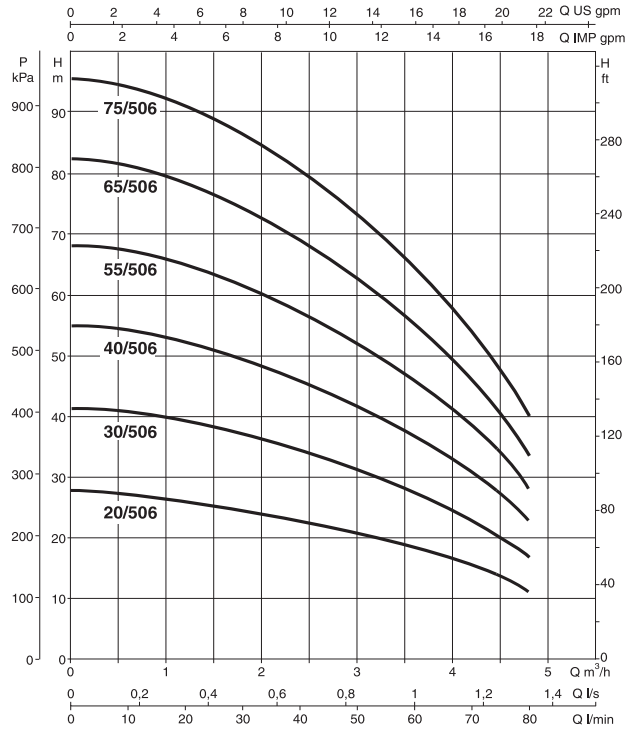
KVC / KVCX

MULTISTAGE CENTRIFUGAL PUMPS WITH VERTICAL AXIS

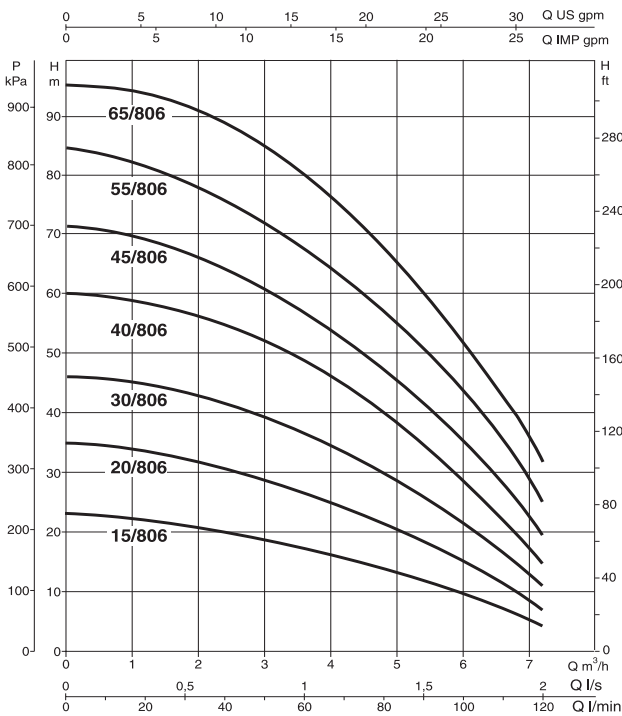
KVC /KVCX 306



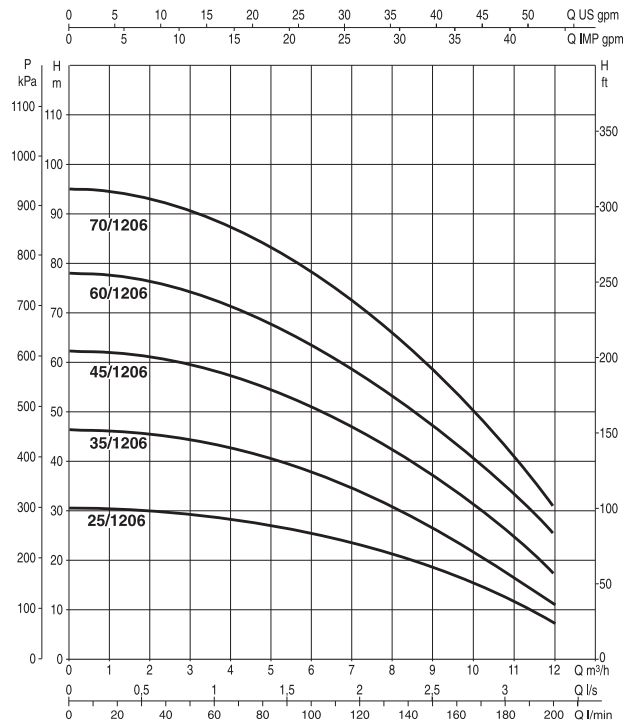
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KVC /KVCX 806



KVC /KVCX 1206



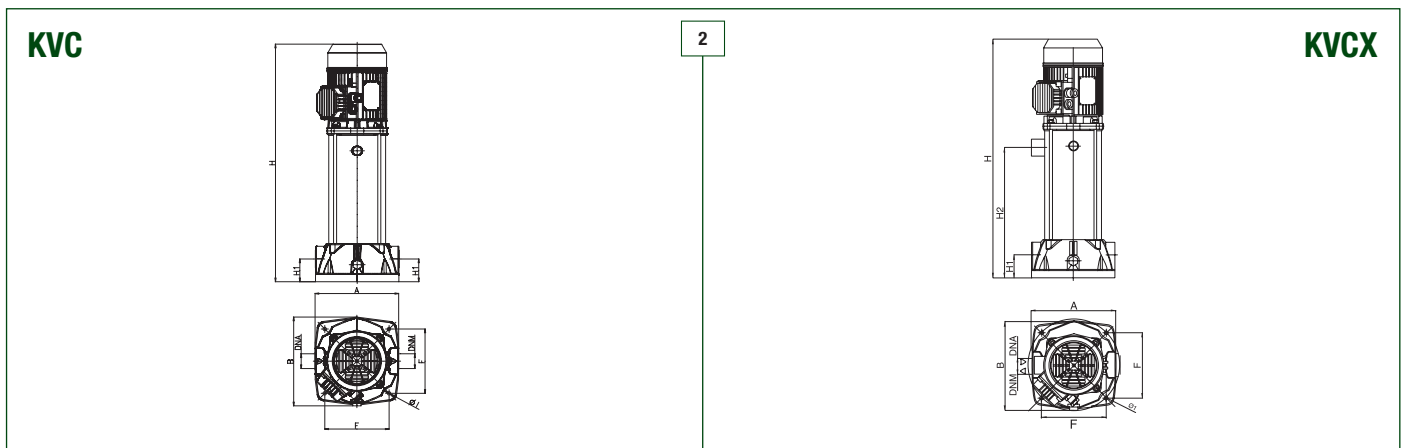
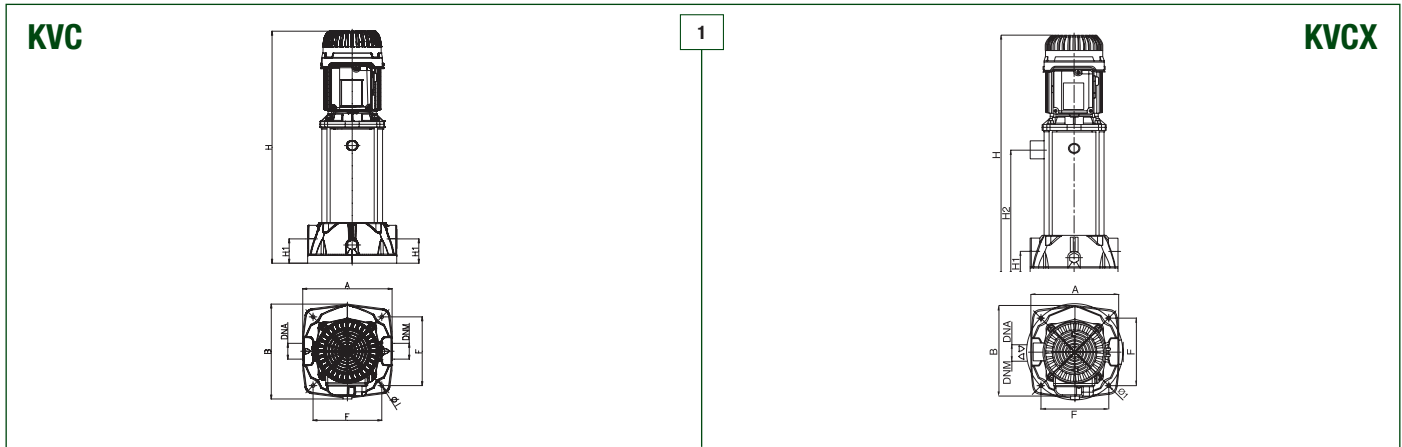
DCONNECT
 COMMAND AND CONTROL SYSTEMS
 CIRCULATORS AND IN-LINE PUMPS
 MULTISTAGE CENTRIFUGAL AND SELF-PRIMING PUMPS
 SWIMMING POOL, POND AND SALT WATER PUMPS
 CENTRIFUGAL PUMPS
 SUBMERSIBLE PUMPS
 SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS
 PRESSURE UNITS

KVC / KVCX

MULTISTAGE CENTRIFUGAL PUMPS WITH VERTICAL AXIS

| MODEL | P2 NOMINAL | | Q (m ³ /h) (l/min) | 0 | 1,2 | 1,8 | 2,4 | 3 | 3,6 | 4,2 | 4,8 | 5,4 | 6 | 7,2 | 9 | 10,8 | 12 | |
|--------------------|---------------|------|-------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|
| | KW | HP | | 0 | 20 | 300 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 120 | 150 | 180 | 200 | |
| KVC-KVCX 15/306 M | 0,25 | 0,33 | H (m) | 23,4 | 21 | 19,0 | 16,1 | 12,6 | 8 | | | | | | | | | |
| KVC-KVCX 15/306 T | 0,25 | 0,33 | | | | | | | | | | | | | | | | |
| KVC-KVCX 25/306 M | 0,37 | 0,5 | | 35,7 | 32,0 | 29,0 | 25,0 | 19 | 12,5 | 5 | | | | | | | | |
| KVC-KVCX 25/306 T | 0,37 | 0,5 | | | | | | | | | | | | | | | | |
| KVC-KVCX 35/306 M | 0,45 | 0,6 | | 47,7 | 42,9 | 38,7 | 33,1 | 26 | 17 | 7 | | | | | | | | |
| KVC-KVCX 35/306 T | 0,45 | 0,6 | | | | | | | | | | | | | | | | |
| KVC-KVCX 45/306 M | 0,55 | 0,75 | | 58,6 | 52,0 | 45,8 | 39,2 | 29,5 | 18 | 6 | | | | | | | | |
| KVC-KVCX 45/306 T | 0,55 | 0,75 | | | | | | | | | | | | | | | | |
| KVC-KVCX 50/306 M | 0,75 | 1 | | 73,2 | 65,0 | 58,7 | 49,1 | 38 | 24 | 9 | | | | | | | | |
| KVC-KVCX 50/306 T | 0,75 | 1 | | | | | | | | | | | | | | | | |
| KVC-KVCX 60/306 M | 0,8 | 1,1 | | 88,1 | 78,8 | 70,2 | 60,1 | 46,1 | 25 | 0,6 | | | | | | | | |
| KVC-KVCX 60/306 T | 0,8 | 1,1 | | | | | | | | | | | | | | | | |
| KVC-KVCX 20/506 M | 0,37 | 0,5 | | 25,3 | 24,7 | 24 | 22,7 | 21 | 18,7 | 15,5 | 11,7 | 7 | 1,5 | | | | | |
| KVC-KVCX 20/506 T | 0,37 | 0,5 | | | | | | | | | | | | | | | | |
| KVC-KVCX 30/506 M | 0,55 | 0,75 | | 38,2 | 37,1 | 36 | 34,3 | 31 | 27,3 | 22 | 17,0 | 10 | 2 | | | | | |
| KVC-KVCX 30/506 T | 0,55 | 0,75 | | | | | | | | | | | | | | | | |
| KVC-KVCX 40/506 M | 0,8 | 1,1 | | 52,1 | 50,7 | 49 | 46,5 | 42 | 37,7 | 32 | 23,9 | 12 | 2 | | | | | |
| KVC-KVCX 40/506 T | 0,8 | 1,1 | | | | | | | | | | | | | | | | |
| KVC-KVCX 55/506 M | 1 | 1,36 | | 66,8 | 65,3 | 64 | 60,4 | 55,0 | 49,4 | 40,0 | 31,6 | 20,0 | 8,0 | | | | | |
| KVC-KVCX 55/506 T | 1 | 1,36 | | | | | | | | | | | | | | | | |
| KVC-KVCX 65/506 M | 1,1 | 1,5 | | 77,4 | 75,8 | 69,0 | 62 | 55,3 | 43 | 34,3 | 18 | 4 | | | | | | |
| KVC-KVCX 65/506 T | 1,1 | 1,5 | | | | | | | | | | | | | | | | |
| KVC-KVCX 75/506 M | 1,5 | 2 | | 93,3 | 91,1 | 88 | 83,2 | 76 | 67,1 | 54 | 42,4 | | | | | | | |
| KVC-KVCX 75/506 T | 1,5 | 2 | | | | | | | | | | | | | | | | |
| KVC-KVCX 15/806 M | 0,37 | 0,5 | | 23,0 | 22,2 | 21,5 | 20,8 | 20 | 18,6 | 17 | 15,0 | 13 | 10,3 | 4,4 | | | | |
| KVC-KVCX 15/806 T | 0,37 | 0,5 | | | | | | | | | | | | | | | | |
| KVC-KVCX 20/806 M | 0,55 | 0,75 | | 35,0 | 34 | 32,9 | 32 | 29,5 | 27,7 | 25 | 23 | 19,6 | 16 | 7,4 | | | | |
| KVC-KVCX 20/806 T | 0,55 | 0,75 | | | | | | | | | | | | | | | | |
| KVC-KVCX 30/806 M | 0,8 | 1,1 | | 47,7 | 46 | 45 | 43 | 41 | 38,3 | 35 | 32 | 27,8 | 23 | 11,0 | | | | |
| KVC-KVCX 30/806 T | 0,8 | 1,1 | | | | | | | | | | | | | | | | |
| KVC-KVCX 40/806 M | 1 | 1,36 | | 60,0 | 58 | 57,3 | 55,9 | 53 | 49,7 | 46 | 41 | 36,1 | 30 | 16 | | | | |
| KVC-KVCX 40/806 T | 1 | 1,36 | | | | | | | | | | | | | | | | |
| KVC-KVCX 45/806 M | 1,1 | 1,5 | | 72,1 | 69,7 | 68 | 65,5 | 62 | 58,3 | 54 | 48,6 | 42 | 35,0 | 18,7 | | | | |
| KVC-KVCX 45/806 T | 1,1 | 1,5 | | | | | | | | | | | | | | | | |
| KVC-KVCX 55/806 M | 1,5 | 2 | | 85,6 | 81,7 | 79 | 76,4 | 72 | 67,4 | 61 | 55,1 | 47 | 38,9 | 18,9 | | | | |
| KVC-KVCX 55/806 T | 1,5 | 2 | | | | | | | | | | | | | | | | |
| KVC-KVCX 65/806 T | 2,2 | 3 | | 97,0 | 93,1 | 91 | 87,9 | 82 | 77,9 | 72 | 65,2 | 58 | 78,4 | 24,9 | | | | |
| KVC-KVCX 25/1206 M | 1 | 1,36 | | 30,6 | 30,5 | 30,4 | 30,3 | 30,2 | 29,8 | 29 | 28 | 27 | 25,9 | 24,2 | 18,1 | 11 | 6,5 | |
| KVC-KVCX 25/1206 T | 1 | 1,36 | | | | | | | | | | | | | | | | |
| KVC-KVCX 35/1206 M | 1,1 | 1,5 | | 43,7 | 43,5 | 43,3 | 43 | 42 | 41,1 | 40 | 39 | 37,8 | 36,5 | 33,3 | 26,7 | 18,4 | 12,0 | |
| KVC-KVCX 35/1206 T | 1,1 | 1,5 | | | | | | | | | | | | | | | | |
| KVC-KVCX 45/1206 M | 1,85 | 2,5 | | 61,5 | 61,2 | 61 | 60 | 59,6 | 58 | 57 | 56 | 54 | 52,3 | 48 | 39,6 | 27 | 17,8 | |
| KVC-KVCX 45/1206 T | 1,85 | 2,5 | | | | | | | | | | | | | | | | |
| KVC-KVCX 60/1206 T | 2,2 | 3 | 76,0 | 72,3 | 72 | 71,9 | 72,5 | 71 | 69 | 67 | 64 | 62,0 | 56 | 44,4 | 30 | 19,6 | | |
| KVC-KVCX 70/1206 T | 3 | 4 | 92,2 | 90,5 | 90,1 | 90 | 88,4 | 86 | 84 | 82 | 80 | 76,8 | 70 | 57,7 | 41 | 28,2 | | |

DIMENSIONS AND WEIGHTS



| MODEL | EXTERNAL DESIGN | A | V | F | H | H1 | H2 | Ø I | DNA | DNM | PACKAGING DIMENSIONS | | | VOLUME m ³ | WEIGHT Kg | |
|-------------|-----------------|-----|-----|-----|-----|----|-----|-----|--------|--------|----------------------|-----|-----|--------------------------|--------------|-------------|
| | | | | | | | | | | | L/A | L/B | H | | Single-phase | Three-phase |
| KVC 15/306 | 1 | 221 | 235 | 170 | 450 | 60 | - | 9 | 1" 1/4 | 1" 1/4 | 300 | 360 | 545 | 0,058 | 13,5 | 13,5 |
| KVC 25/306 | 1 | 221 | 235 | 170 | 478 | 60 | - | 9 | 1" 1/4 | 1" 1/4 | 300 | 360 | 570 | 0,061 | 13,7 | 13,7 |
| KVC 35/306 | 1 | 221 | 235 | 170 | 505 | 60 | - | 9 | 1" 1/4 | 1" 1/4 | 300 | 360 | 600 | 0,064 | 14 | 14 |
| KVC 45/306 | 1 | 221 | 235 | 170 | 533 | 60 | - | 9 | 1" 1/4 | 1" 1/4 | 300 | 360 | 625 | 0,067 | 14,4 | 14,4 |
| KVC 50/306 | 1 | 221 | 235 | 170 | 598 | 60 | - | 9 | 1" 1/4 | 1" 1/4 | 300 | 360 | 690 | 0,074 | 16,2 | 16,2 |
| KVC 60/306 | 1 | 221 | 235 | 170 | 625 | 60 | - | 9 | 1" 1/4 | 1" 1/4 | 300 | 360 | 715 | 0,077 | 17,2 | 17,2 |
| KVCX 15/306 | 1 | 221 | 235 | 170 | 478 | 60 | 184 | 9 | 1" 1/4 | 1" 1/4 | 300 | 360 | 545 | 0,058 | 13,5 | 13,5 |
| KVCX 25/306 | 1 | 221 | 235 | 170 | 478 | 60 | 184 | 9 | 1" 1/4 | 1" 1/4 | 300 | 360 | 570 | 0,061 | 13,7 | 13,7 |
| KVCX 35/306 | 1 | 221 | 235 | 170 | 533 | 60 | 239 | 9 | 1" 1/4 | 1" 1/4 | 300 | 360 | 600 | 0,064 | 14 | 14 |
| KVCX 45/306 | 1 | 221 | 235 | 170 | 533 | 60 | 239 | 9 | 1" 1/4 | 1" 1/4 | 300 | 360 | 625 | 0,067 | 14,4 | 14,4 |
| KVCX 50/306 | 1 | 221 | 235 | 170 | 625 | 60 | 332 | 9 | 1" 1/4 | 1" 1/4 | 300 | 360 | 690 | 0,074 | 16,2 | 16,2 |
| KVCX 60/306 | 1 | 221 | 235 | 170 | 625 | 60 | 332 | 9 | 1" 1/4 | 1" 1/4 | 300 | 360 | 715 | 0,077 | 17,2 | 17,2 |
| KVC 20/506 | 1 | 221 | 235 | 170 | 450 | 60 | - | 9 | 1" 1/4 | 1" 1/4 | 300 | 360 | 545 | 0,058 | 13,5 | 13,5 |
| KVC 30/506 | 1 | 221 | 235 | 170 | 478 | 60 | - | 9 | 1" 1/4 | 1" 1/4 | 300 | 360 | 570 | 0,061 | 13,7 | 13,7 |
| KVC 40/506 | 1 | 221 | 235 | 170 | 505 | 60 | - | 9 | 1" 1/4 | 1" 1/4 | 300 | 360 | 600 | 0,064 | 15,8 | 15,8 |

* The H value is valid only for three-phase versions

KVC / KVCX

MULTISTAGE CENTRIFUGAL PUMPS WITH VERTICAL AXIS

| MODEL | EXTERNAL DESIGN | A | V | F | H | H1 | H2 | Ø I | DNA | DNM | PACKAGING DIMENSIONS | | | VOLUME m ³ | WEIGHT Kg | |
|---------------|-----------------|-----|-----|-----|-----|----|-----|-----|--------|--------|----------------------|-----|-----|-----------------------|--------------|-------------|
| | | | | | | | | | | | L/A | L/B | H | | Single-phase | Three-phase |
| KVC 55/506 | 1 | 221 | 235 | 170 | 533 | 60 | - | 9 | 1" 1/4 | 1" 1/4 | 300 | 360 | 625 | 0,067 | 17 | 17 |
| KVC 65/506 | 2 | 221 | 235 | 170 | 600 | 60 | - | 9 | 1" 1/4 | 1" 1/4 | 300 | 360 | 690 | 0,074 | 20,2 | 20,2 |
| KVC 75/506 | 2 | 221 | 235 | 170 | 627 | 60 | - | 9 | 1" 1/4 | 1" 1/4 | 300 | 360 | 715 | 0,077 | 21,2 | 20,6 |
| KVCX 20/506 | 1 | 221 | 235 | 170 | 478 | 60 | 184 | 9 | 1" 1/4 | 1" 1/4 | 300 | 360 | 545 | 0,058 | 13,5 | 13,5 |
| KVCX 30/506 | 1 | 221 | 235 | 170 | 478 | 60 | 184 | 9 | 1" 1/4 | 1" 1/4 | 300 | 360 | 570 | 0,061 | 13,7 | 13,7 |
| KVCX 40/506 | 1 | 221 | 235 | 170 | 533 | 60 | 239 | 9 | 1" 1/4 | 1" 1/4 | 300 | 360 | 600 | 0,064 | 15,8 | 15,8 |
| KVCX 55/506 | 1 | 221 | 235 | 170 | 533 | 60 | 239 | 9 | 1" 1/4 | 1" 1/4 | 300 | 360 | 625 | 0,067 | 17 | 17 |
| KVCX 65/506 | 2 | 221 | 235 | 170 | 627 | 60 | 332 | 9 | 1" 1/4 | 1" 1/4 | 300 | 360 | 690 | 0,074 | 20,2 | 20,2 |
| KVCX 75/506 | 2 | 221 | 235 | 170 | 627 | 60 | 332 | 9 | 1" 1/4 | 1" 1/4 | 300 | 360 | 715 | 0,077 | 21,2 | 20,6 |
| KVC 15/806 | 1 | 221 | 235 | 170 | 450 | 60 | - | 9 | 1" 1/4 | 1" 1/4 | 300 | 360 | 545 | 0,058 | 13,5 | 13,5 |
| KVC 20/806 | 1 | 221 | 235 | 170 | 478 | 60 | - | 9 | 1" 1/4 | 1" 1/4 | 300 | 360 | 570 | 0,061 | 13,7 | 13,7 |
| KVC 30/806 | 1 | 221 | 235 | 170 | 505 | 60 | - | 9 | 1" 1/4 | 1" 1/4 | 300 | 360 | 600 | 0,064 | 15,7 | 15,7 |
| KVC 40/806 | 1 | 221 | 235 | 170 | 533 | 60 | - | 9 | 1" 1/4 | 1" 1/4 | 300 | 360 | 625 | 0,067 | 17 | 17 |
| KVC 45/806 | 2 | 221 | 235 | 170 | 600 | 60 | - | 9 | 1" 1/4 | 1" 1/4 | 300 | 360 | 390 | 0,074 | 20,2 | 20,2 |
| KVC 55/806 | 2 | 221 | 235 | 170 | 627 | 60 | - | 9 | 1" 1/4 | 1" 1/4 | 300 | 360 | 715 | 0,077 | 21,2 | 20,2 |
| KVC 65/806 | 2 | 221 | 235 | 170 | 655 | 60 | - | 9 | 1" 1/4 | 1" 1/4 | 300 | 360 | 745 | 0,08 | - | 21,5 |
| KVCX 15/806 | 1 | 221 | 235 | 170 | 478 | 60 | 184 | 9 | 1" 1/4 | 1" 1/4 | 300 | 360 | 545 | 0,058 | 13,5 | 13,5 |
| KVCX 20/806 | 1 | 221 | 235 | 170 | 478 | 60 | 184 | 9 | 1" 1/4 | 1" 1/4 | 300 | 360 | 570 | 0,061 | 13,7 | 13,7 |
| KVCX 30/806 | 1 | 221 | 235 | 170 | 533 | 60 | 239 | 9 | 1" 1/4 | 1" 1/4 | 300 | 360 | 600 | 0,064 | 15,7 | 15,7 |
| KVCX 40/806 | 1 | 221 | 235 | 170 | 533 | 60 | 239 | 9 | 1" 1/4 | 1" 1/4 | 300 | 360 | 625 | 0,067 | 17 | 17 |
| KVCX 45/806 | 2 | 221 | 235 | 170 | 627 | 60 | 332 | 9 | 1" 1/4 | 1" 1/4 | 300 | 360 | 690 | 0,074 | 20,2 | 20,2 |
| KVCX 55/806 | 2 | 221 | 235 | 170 | 627 | 60 | 332 | 9 | 1" 1/4 | 1" 1/4 | 300 | 360 | 715 | 0,077 | 21,2 | 20,2 |
| KVCX 65/806 | 2 | 221 | 235 | 170 | 655 | 60 | 359 | 9 | 1" 1/4 | 1" 1/4 | 300 | 360 | 745 | 0,08 | - | 21,6 |
| KVC 25/1206* | 1 | 221 | 235 | 170 | 450 | 60 | - | 9 | 1" 1/4 | 1" 1/4 | 300 | 360 | 540 | 0,058 | 15 | 15 |
| KVC 35/1206* | 2 | 221 | 235 | 170 | 480 | 60 | - | 9 | 1" 1/4 | 1" 1/4 | 300 | 360 | 570 | 0,061 | 16,2 | 16,2 |
| KVC 45/1206* | 2 | 221 | 235 | 170 | 507 | 60 | - | 9 | 1" 1/4 | 1" 1/4 | 300 | 360 | 597 | 0,064 | 18,5 | 18,5 |
| KVC 60/1206 | 2 | 221 | 235 | 170 | 610 | 60 | - | 9 | 1" 1/4 | 1" 1/4 | 300 | 360 | 700 | 0,067 | - | 20,8 |
| KVC 70/1206 | 2 | 221 | 235 | 170 | 675 | 60 | - | 9 | 1" 1/4 | 1" 1/4 | 300 | 360 | 765 | 0,077 | - | 21,6 |
| KVCX 25/1206* | 1 | 221 | 235 | 170 | 478 | 60 | 184 | 9 | 1" 1/4 | 1" 1/4 | 300 | 360 | 568 | 0,058 | 15 | 15 |
| KVCX 35/1206* | 2 | 221 | 235 | 170 | 480 | 60 | 184 | 9 | 1" 1/4 | 1" 1/4 | 300 | 360 | 570 | 0,061 | 16,2 | 16,2 |
| KVCX 45/1206* | 2 | 221 | 235 | 170 | 435 | 60 | 239 | 9 | 1" 1/4 | 1" 1/4 | 300 | 360 | 625 | 0,064 | 18,5 | 18,5 |
| KVCX 60/1206 | 2 | 221 | 235 | 170 | 610 | 60 | 239 | 9 | 1" 1/4 | 1" 1/4 | 300 | 360 | 610 | 0,067 | 20,8 | 20,8 |
| KVCX 70/1206 | 2 | 221 | 235 | 170 | 702 | 60 | 332 | 9 | 1" 1/4 | 1" 1/4 | 300 | 360 | 702 | 0,077 | - | 21,6 |

* The H value is valid only for three-phase versions

ACCESSORIES

| MODEL | WEIGHT m ³ |
|---|-----------------------|
| UNIONS MF 1" 1/4 (one for DNA and one for DNM) | 0,5 |



NKV 1 - 3 - 6 S

MULTISTAGE CENTRIFUGAL PUMPS WITH VERTICAL AXIS

HIGH EFFICIENCY MOTORS



CE NKV are AISI 304 stainless steel multi-impeller vertical centrifugal pumps with coupling; designed for pressurization, conditioning and heating in civil and commercial environments, they can also be used in agriculture and in watering systems. The pumps can be used for the recirculation of water in heating and air conditioning systems.

The use of advanced stainless steel processing technologies for the main hydraulic components helps to achieve very high performance levels. The pumps are also extremely versatile, thanks to the center distance of the in-line ports, designed to maximize interchangeability. The parts in contact with the liquid are made of AISI 304 stainless steel for NKV S models, or AISI 316 stainless steel for NKV X models (only available to special order). Round flanges as standard (oval, loose, virtual, clamp available on request). The mechanical seal is made of standard E1 = Graphite/Silicon Carbide/AISI 316/EPDM = BQGE. FKM/Viton available on request. Starting from 5.5 kW models, the seal can be removed without removing the motor.

Also available rigid coupling to IE3 high energy efficiency electric motors.

Operating range:

from 1 mc/h to 10 mc/h with head up to 256 m

Type of pumped liquid: Clean, free from solid or abrasive substances, non-viscous, non-aggressive, non-crystallized and chemically neutral

Maximum percentage of glycol: 30%

Supported liquid temperature min. and max.: From -30 to +120°C (EPDM)

From -15°C to +120°C (Viton/FKM)

Maximum ambient temperature: +50° C

Maximum operating pressure bar / kPa:

NKV from 1 S to 20 S: 25 bar / 2500 kPa

Degree of protection of the engine: IP 55

Engine insulation class: F

Impellers construction material: AISI 304 stainless steel

On request X version with AISI 316 stainless steel.

Single-phase power supply

Contact our sales network

Three phase power input

IE2:

220-277/380-480 up to 30kW

380-480 D up to 45kW

IE3:

220/380V up to 2,2kW

380/660 V up to 45kW

Power cord (m) and plug: Not provided

Type of installation possible: Vertical position

Special versions available on request:

- different types of mechanical seals (for example for aggressive liquids)

- connections (round flanges, oval, Victaulic, clamp)

- parts in contact with the liquid in stainless steel AISI 316 (versions X)

- different voltages and frequencies

- ATEX version

Certifications: NKV from 1 S to 20 S or X: WRAS, ACS

TECHNICAL DATA

| MODEL | ELECTRICAL DATA | | | | | HYDRAULIC DATA | | | | | | | | |
|--------------|-----------------|-------------------|------------|------|-----|----------------|-------|-------|-------|-------|-------|-------|------|------|
| | N° IMPELLER | VOLTAGE 60 Hz | P2 NOMINAL | | MEC | H | | | | | | | | |
| | | | kW | HP | | Q=m³/h | 0 | 0,5 | 1 | 1,5 | 2 | 2,5 | 3 | 3,5 |
| NKV 1/2 6 S | 2 | 220-277/380-480 V | 0,37 | 0,50 | 71 | Q=l/min | 0 | 8,3 | 16,7 | 25 | 33,3 | 42 | 50 | 58,3 |
| NKV 1/3 6 S | 3 | 220-277/380-480 V | 0,37 | 0,50 | 71 | 19,5 | 19,0 | 18,0 | 16,5 | 15,0 | 12,5 | 10,0 | 6,5 | |
| NKV 1/4 6 S | 4 | 220-277/380-480 V | 0,37 | 0,50 | 71 | 29,0 | 28,0 | 26,5 | 24,5 | 21,5 | 18,0 | 14,0 | 9,0 | |
| NKV 1/5 6 S | 5 | 220-277/380-480 V | 0,55 | 0,75 | 71 | 38,5 | 37,0 | 34,5 | 31,5 | 28,0 | 23,5 | 17,5 | 11,0 | |
| NKV 1/6 6 S | 6 | 220-277/380-480 V | 0,55 | 0,75 | 71 | 49,0 | 47,0 | 44,0 | 40,5 | 35,5 | 30,0 | 23,0 | 14,5 | |
| NKV 1/7 6 S | 7 | 220-277/380-480 V | 0,75 | 1,00 | 80 | 58,0 | 55,5 | 52,0 | 47,5 | 41,5 | 34,5 | 26,0 | 16,0 | |
| NKV 1/8 6 S | 8 | 220-277/380-480 V | 0,75 | 1,00 | 80 | 70,5 | 68,0 | 64,5 | 59,5 | 53,0 | 45,0 | 35,0 | 23,0 | |
| NKV 1/9 6 S | 9 | 220-277/380-480 V | 1,10 | 1,50 | 80 | 80,0 | 77,5 | 73,0 | 67,0 | 59,5 | 50,5 | 39,0 | 26,0 | |
| NKV 1/10 6 S | 10 | 220-277/380-480 V | 1,10 | 1,50 | 80 | 91,0 | 88,0 | 83,5 | 77,0 | 69,0 | 58,5 | 46,0 | 31,0 | |
| NKV 1/11 6 S | 11 | 220-277/380-480 V | 1,10 | 1,50 | 80 | 101,0 | 97,5 | 92,5 | 85,0 | 76,0 | 64,5 | 50,5 | 33,5 | |
| NKV 1/12 6 S | 12 | 220-277/380-480 V | 1,10 | 1,50 | 80 | 110,5 | 107,0 | 101,0 | 93,0 | 83,0 | 70,5 | 55,0 | 36,5 | |
| NKV 1/13 6 S | 13 | 220-277/380-480 V | 1,50 | 2,00 | 90 | 120,0 | 116,0 | 109,5 | 101,0 | 90,0 | 76,0 | 59,0 | 39,0 | |
| NKV 1/14 6 S | 14 | 220-277/380-480 V | 1,50 | 2,00 | 90 | 132,0 | 127,5 | 121,0 | 112,0 | 100,0 | 85,0 | 67,0 | 45,0 | |
| NKV 1/15 6 S | 15 | 220-277/380-480 V | 1,50 | 2,00 | 90 | 141,5 | 137,0 | 129,5 | 120,0 | 107,0 | 91,0 | 71,5 | 47,5 | |
| NKV 1/17 6 S | 17 | 220-277/380-480 V | 2,20 | 3,00 | 90 | 151,5 | 146,5 | 138,5 | 128,0 | 114,0 | 97,0 | 76,0 | 50,5 | |
| NKV 1/19 6 S | 19 | 220-277/380-480 V | 2,20 | 3,00 | 90 | 173,0 | 168,0 | 159,5 | 147,5 | 132,0 | 113,0 | 89,0 | 60,0 | |
| NKV 1/22 6 S | 22 | 220-277/380-480 V | 2,20 | 3,00 | 90 | 193,0 | 187,0 | 177,0 | 164,0 | 147,0 | 125,0 | 98,5 | 66,0 | |
| NKV 1/25 6 S | 25 | 220-277/380-480 V | 3,00 | 4,00 | 100 | 222,5 | 215,5 | 204,0 | 188,5 | 168,0 | 143,0 | 112,0 | 75,0 | |
| | | | | | | 256,0 | 248,0 | 236,0 | 219,0 | 196,5 | 168,0 | 132,5 | 90,0 | |

NKV 1 - 3 - 6 S

MULTISTAGE CENTRIFUGAL PUMPS WITH VERTICAL AXIS

| MODEL | ELECTRICAL DATA | | | | HYDRAULIC DATA | | | | | | | | | | | | | | |
|--------------|-----------------|-------------------|------------|------|----------------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|
| | N° IMPELLER | VOLTAGE 60 Hz | P2 NOMINAL | | MEC | Q=m³/h | 0 | 1 | 1,5 | 2 | 2,5 | 3 | 3,5 | 4 | 4,5 | 5 | 5,5 | 6 | 6,5 |
| | | | kW | HP | | Q=l/min | 0 | 16,7 | 25 | 33,3 | 42 | 50 | 58,3 | 67 | 75 | 83,3 | 92 | 100 | 108,3 |
| NKV 3/2 6 S | 2 | 220-277/380-480 V | 0,37 | 0,50 | 71 | H (m) | 21,0 | 20,5 | 20,0 | 19,5 | 18,5 | 17,5 | 16,0 | 14,5 | 12,5 | 10,0 | 7,5 | 4,5 | 2,0 |
| NKV 3/3 6 S | 3 | 220-277/380-480 V | 0,55 | 0,75 | 71 | | 32,0 | 31,0 | 30,0 | 29,0 | 27,5 | 26,0 | 24,0 | 21,5 | 18,5 | 15,0 | 11,0 | 7,0 | 3,0 |
| NKV 3/4 6 S | 4 | 220-277/380-480 V | 0,55 | 0,75 | 71 | | 42,0 | 40,5 | 39,0 | 37,5 | 35,5 | 33,0 | 30,5 | 27,0 | 23,0 | 18,0 | 13,0 | 8,0 | 2,5 |
| NKV 3/5 6 S | 5 | 220-277/380-480 V | 0,75 | 1,00 | 80 | | 54,0 | 53,0 | 51,5 | 50,0 | 47,5 | 45,0 | 41,5 | 37,5 | 32,5 | 27,0 | 20,5 | 13,5 | 6,5 |
| NKV 3/6 6 S | 6 | 220-277/380-480 V | 1,10 | 1,50 | 80 | | 65,5 | 64,0 | 62,5 | 60,5 | 58,0 | 55,0 | 51,0 | 46,5 | 40,5 | 33,5 | 25,5 | 17,5 | 9,0 |
| NKV 3/7 6 S | 7 | 220-277/380-480 V | 1,10 | 1,50 | 80 | | 76,0 | 74,5 | 72,5 | 70,0 | 67,0 | 63,5 | 59,0 | 53,0 | 46,5 | 38,0 | 29,0 | 19,5 | 9,5 |
| NKV 3/8 6 S | 8 | 220-277/380-480 V | 1,50 | 2,00 | 90 | | 87,5 | 86,0 | 84,0 | 81,5 | 78,0 | 74,0 | 69,0 | 62,5 | 54,5 | 45,5 | 35,0 | 24,0 | 12,5 |
| NKV 3/9 6 S | 9 | 220-277/380-480 V | 1,50 | 2,00 | 90 | | 98,5 | 96,5 | 94,0 | 91,0 | 87,5 | 82,5 | 76,5 | 69,5 | 61,0 | 50,5 | 38,5 | 26,0 | 13,5 |
| NKV 3/10 6 S | 10 | 220-277/380-480 V | 1,50 | 2,00 | 90 | | 109,0 | 106,5 | 104,0 | 100,5 | 96,5 | 91,0 | 84,5 | 76,5 | 66,5 | 55,0 | 42,0 | 28,0 | 14,0 |
| NKV 3/11 6 S | 11 | 220-277/380-480 V | 2,20 | 3,00 | 90 | | 121,0 | 118,5 | 116,0 | 112,5 | 108,0 | 102,5 | 95,5 | 86,5 | 76,0 | 63,5 | 49,0 | 33,5 | 18,0 |
| NKV 3/12 6 S | 12 | 220-277/380-480 V | 2,20 | 3,00 | 90 | | 131,5 | 129,0 | 126,5 | 122,5 | 117,5 | 111,5 | 103,5 | 94,0 | 82,5 | 68,5 | 52,5 | 36,0 | 19,0 |
| NKV 3/13 6 S | 13 | 220-277/380-480 V | 2,20 | 3,00 | 90 | | 142,5 | 139,5 | 136,5 | 132,0 | 126,5 | 120,0 | 111,5 | 101,0 | 88,5 | 73,5 | 56,5 | 38,5 | 20,0 |
| NKV 3/14 6 S | 14 | 220-277/380-480 V | 2,20 | 3,00 | 90 | | 153,0 | 150,0 | 146,5 | 142,0 | 136,0 | 128,5 | 119,5 | 108,0 | 94,5 | 78,5 | 60,0 | 40,5 | 21,0 |
| NKV 3/15 6 S | 15 | 220-277/380-480 V | 3,00 | 4,00 | 100 | | 165,5 | 163,0 | 159,5 | 155,0 | 149,0 | 141,5 | 132,0 | 120,0 | 106,0 | 88,5 | 69,0 | 48,0 | 26,5 |
| NKV 3/16 6 S | 16 | 220-277/380-480 V | 3,00 | 4,00 | 100 | | 176,5 | 173,5 | 170,0 | 165,0 | 158,5 | 150,5 | 140,5 | 127,5 | 112,5 | 94,0 | 73,0 | 50,5 | 28,0 |
| NKV 3/17 6 S | 17 | 220-277/380-480 V | 3,00 | 4,00 | 100 | | 187,5 | 184,0 | 180,5 | 175,0 | 168,0 | 159,5 | 148,5 | 135,0 | 119,0 | 99,0 | 77,0 | 53,0 | 29,0 |
| NKV 3/18 6 S | 18 | 220-277/380-480 V | 3,00 | 4,00 | 100 | | 198,0 | 194,5 | 190,5 | 185,0 | 177,5 | 168,5 | 157,0 | 142,5 | 125,0 | 104,5 | 81,0 | 55,5 | 30,0 |
| NKV 3/19 6 S | 19 | 220-277/380-480 V | 3,00 | 4,00 | 100 | | 209,0 | 205,0 | 201,0 | 195,0 | 187,0 | 177,0 | 165,0 | 150,0 | 131,5 | 109,5 | 84,5 | 58,0 | 31,5 |
| NKV 3/21 6 S | 21 | 220-277/380-480 V | 4,00 | 5,50 | 112 | | 232,0 | 228,5 | 224,0 | 218,0 | 209,5 | 199,0 | 186,0 | 169,5 | 149,5 | 125,0 | 97,5 | 68,0 | 38,0 |
| NKV 3/23 6 S | 23 | 220-277/380-480 V | 4,00 | 5,50 | 112 | | 254,0 | 250,0 | 245,0 | 238,0 | 229,0 | 217,5 | 203,0 | 184,5 | 162,5 | 136,0 | 106,0 | 73,5 | 41,0 |

| MODEL | ELECTRICAL DATA | | | | HYDRAULIC DATA | | | | | | | | | | | | | | |
|--------------|-----------------|-------------------|------------|------|----------------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | N° IMPELLER | VOLTAGE 60 Hz | P2 NOMINAL | | MEC | Q=m³/h | 0 | 3 | 3,5 | 4 | 4,5 | 5 | 5,5 | 6 | 7 | 8 | 9 | 9,5 | 10 |
| | | | kW | HP | | Q=l/min | 0 | 50 | 58,3 | 67 | 75 | 83,3 | 92 | 100 | 117 | 133,3 | 150 | 158 | 166,7 |
| NKV 6/2 6 S | 2 | 220-277/380-480 V | 0,55 | 0,75 | 71 | H (m) | 21,5 | 19,5 | 19,0 | 18,5 | 17,5 | 17,0 | 16,0 | 15,5 | 14,0 | 11,5 | 9,0 | 7,5 | 5,5 |
| NKV 6/3 6 S | 3 | 220-277/380-480 V | 0,75 | 1,00 | 80 | | 32,5 | 30,5 | 29,5 | 28,5 | 27,5 | 26,5 | 25,5 | 24,5 | 22,0 | 19,0 | 14,5 | 12,0 | 10,0 |
| NKV 6/4 6 S | 4 | 220-277/380-480 V | 1,10 | 1,50 | 80 | | 43,5 | 41,0 | 40,0 | 38,5 | 37,0 | 36,0 | 34,5 | 33,0 | 29,5 | 25,5 | 20,0 | 16,5 | 13,5 |
| NKV 6/5 6 S | 5 | 220-277/380-480 V | 1,10 | 1,50 | 80 | | 54,0 | 50,5 | 49,0 | 47,5 | 46,0 | 44,0 | 42,0 | 40,5 | 36,5 | 31,0 | 24,0 | 20,0 | 16,0 |
| NKV 6/6 6 S | 6 | 220-277/380-480 V | 1,50 | 2,00 | 90 | | 65,5 | 61,5 | 59,5 | 58,0 | 56,0 | 54,0 | 51,5 | 49,5 | 44,5 | 38,0 | 30,0 | 25,0 | 20,0 |
| NKV 6/7 6 S | 7 | 220-277/380-480 V | 1,50 | 2,00 | 90 | | 76,0 | 71,0 | 69,0 | 67,0 | 64,5 | 62,0 | 59,5 | 57,0 | 51,5 | 43,5 | 34,0 | 28,5 | 23,0 |
| NKV 6/8 6 S | 8 | 220-277/380-480 V | 2,20 | 3,00 | 90 | | 87,5 | 82,5 | 80,5 | 78,0 | 75,0 | 72,5 | 69,5 | 67,0 | 60,5 | 52,0 | 40,5 | 34,5 | 28,0 |
| NKV 6/9 6 S | 9 | 220-277/380-480 V | 2,20 | 3,00 | 90 | | 98,0 | 92,0 | 90,0 | 87,0 | 84,0 | 81,0 | 77,5 | 74,5 | 67,0 | 57,5 | 45,0 | 38,0 | 30,5 |
| NKV 6/10 6 S | 10 | 220-277/380-480 V | 2,20 | 3,00 | 90 | | 109,0 | 102,0 | 99,0 | 96,0 | 92,5 | 89,5 | 85,5 | 82,0 | 74,0 | 63,0 | 49,5 | 41,5 | 33,5 |
| NKV 6/11 6 S | 11 | 220-277/380-480 V | 3,00 | 4,00 | 100 | | 121,0 | 114,5 | 111,5 | 108,5 | 105,0 | 101,0 | 97,0 | 93,0 | 84,5 | 72,5 | 57,5 | 49,0 | 39,5 |
| NKV 6/12 6 S | 12 | 220-277/380-480 V | 3,00 | 4,00 | 100 | | 132,0 | 124,5 | 121,5 | 117,5 | 114,0 | 110,0 | 105,5 | 101,0 | 91,5 | 79,0 | 62,0 | 52,5 | 42,5 |
| NKV 6/13 6 S | 13 | 220-277/380-480 V | 3,00 | 4,00 | 100 | | 142,5 | 134,5 | 131,0 | 127,0 | 123,0 | 118,5 | 114,0 | 109,0 | 98,5 | 84,5 | 66,5 | 56,5 | 45,5 |
| NKV 6/14 6 S | 14 | 220-277/380-480 V | 3,00 | 4,00 | 100 | | 154,0 | 144,0 | 140,5 | 136,5 | 132,5 | 128,0 | 123,5 | 118,0 | 105,5 | 90,0 | 71,0 | 60,0 | 48,5 |
| NKV 6/15 6 S | 15 | 220-277/380-480 V | 4,00 | 5,50 | 112 | | 165,5 | 156,0 | 152,5 | 149,0 | 144,5 | 140,0 | 135,0 | 129,5 | 116,0 | 99,5 | 79,0 | 67,5 | 55,0 |
| NKV 6/16 6 S | 16 | 220-277/380-480 V | 4,00 | 5,50 | 112 | | 176,5 | 166,5 | 162,5 | 158,5 | 154,0 | 149,0 | 143,5 | 137,5 | 123,5 | 105,5 | 83,5 | 71,5 | 58,5 |
| NKV 6/17 6 S | 17 | 220-277/380-480 V | 4,00 | 5,50 | 112 | | 187,5 | 176,5 | 172,5 | 168,0 | 163,0 | 158,0 | 152,0 | 145,5 | 130,5 | 111,5 | 88,5 | 75,5 | 61,5 |
| NKV 6/18 6 S | 18 | 220-277/380-480 V | 4,00 | 5,50 | 112 | | 198,5 | 186,5 | 182,0 | 177,5 | 172,0 | 166,5 | 160,5 | 153,5 | 137,5 | 117,5 | 93,0 | 79,0 | 64,5 |
| NKV 6/19 6 S | 19 | 220-277/380-480 V | 5,50 | 7,50 | 132 | | 210,5 | 198,0 | 193,5 | 188,5 | 183,0 | 177,5 | 171,0 | 164,0 | 147,0 | 126,0 | 100,0 | 85,5 | 70,0 |
| NKV 6/20 6 S | 20 | 220-277/380-480 V | 5,50 | 7,50 | 132 | | 221,5 | 208,0 | 203,5 | 198,0 | 192,5 | 186,5 | 179,5 | 172,0 | 154,5 | 132,0 | 105,0 | 89,5 | 73,0 |
| NKV 6/21 6 S | 21 | 220-277/380-480 V | 5,50 | 7,50 | 132 | | 232,0 | 218,0 | 213,0 | 207,5 | 201,5 | 195,0 | 188,0 | 180,5 | 161,5 | 138,5 | 109,5 | 93,5 | 76,5 |
| NKV 6/23 6 S | 23 | 220-277/380-480 V | 5,50 | 7,50 | 132 | | 254,0 | 238,0 | 232,5 | 226,5 | 220,0 | 213,0 | 205,0 | 196,5 | 176,0 | 150,5 | 119,0 | 101,5 | 82,5 |

NKV 1 - 3 - 6 S

MULTISTAGE CENTRIFUGAL PUMPS WITH VERTICAL AXIS

TECHNICAL DATA - IE3 MOTORS

| MODEL | N° IMPELLER | ELECTRICAL DATA | | | | HYDRAULIC DATA | | | | | | | | | | |
|--------------|-------------|------------------|------------|------|-----|----------------|-------|-------|-------|-------|-------|-------|-------|------|--|--|
| | | VOLTAGE 60 Hz | P2 NOMINAL | | MEC | Q=m³/h | 0 | 0,5 | 1 | 1,5 | 2 | 2,5 | 3 | 3,5 | | |
| | | | kW | HP | | Q=l/min | 0 | 8,3 | 16,7 | 25 | 33,3 | 42 | 50 | 58,3 | | |
| NKV 1/2 6 S | 2 | 220/380 V | 0,37 | 0,50 | 71 | H (m) | 19,5 | 19,0 | 18,0 | 16,5 | 15,0 | 12,5 | 10,0 | 6,5 | | |
| NKV 1/3 6 S | 3 | 220/380 V | 0,37 | 0,50 | 71 | | 29,0 | 28,0 | 26,5 | 24,5 | 21,5 | 18,0 | 14,0 | 9,0 | | |
| NKV 1/4 6 S | 4 | 220/380 V | 0,37 | 0,50 | 71 | | 38,5 | 37,0 | 34,5 | 31,5 | 28,0 | 23,5 | 17,5 | 11,0 | | |
| NKV 1/5 6 S | 5 | 220/380 V | 0,55 | 0,75 | 71 | | 49,0 | 47,0 | 44,0 | 40,5 | 35,5 | 30,0 | 23,0 | 14,5 | | |
| NKV 1/6 6 S | 6 | 220/380 V | 0,55 | 0,75 | 71 | | 58,0 | 55,5 | 52,0 | 47,5 | 41,5 | 34,5 | 26,0 | 16,0 | | |
| NKV 1/7 6 S | 7 | 220/380 V | 0,75 | 1,00 | 80 | | 70,5 | 68,0 | 64,5 | 59,5 | 53,0 | 45,0 | 35,0 | 23,0 | | |
| NKV 1/8 6 S | 8 | 220/380 V | 0,75 | 1,00 | 80 | | 80,0 | 77,5 | 73,0 | 67,0 | 59,5 | 50,5 | 39,0 | 26,0 | | |
| NKV 1/9 6 S | 9 | 220/380 V | 1,10 | 1,50 | 80 | | 91,0 | 88,0 | 83,5 | 77,0 | 69,0 | 58,5 | 46,0 | 31,0 | | |
| NKV 1/10 6 S | 10 | 220/380 V | 1,10 | 1,50 | 80 | | 101,0 | 97,5 | 92,5 | 85,0 | 76,0 | 64,5 | 50,5 | 33,5 | | |
| NKV 1/11 6 S | 11 | 220/380 V | 1,10 | 1,50 | 80 | | 110,5 | 107,0 | 101,0 | 93,0 | 83,0 | 70,5 | 55,0 | 36,5 | | |
| NKV 1/12 6 S | 12 | 220/380 V | 1,10 | 1,50 | 80 | | 120,0 | 116,0 | 109,5 | 101,0 | 90,0 | 76,0 | 59,0 | 39,0 | | |
| NKV 1/13 6 S | 13 | 220/380 V | 1,50 | 2,00 | 90 | | 132,0 | 127,5 | 121,0 | 112,0 | 100,0 | 85,0 | 67,0 | 45,0 | | |
| NKV 1/14 6 S | 14 | 220/380 V | 1,50 | 2,00 | 90 | | 141,5 | 137,0 | 129,5 | 120,0 | 107,0 | 91,0 | 71,5 | 47,5 | | |
| NKV 1/15 6 S | 15 | 220/380 V | 1,50 | 2,00 | 90 | | 151,5 | 146,5 | 138,5 | 128,0 | 114,0 | 97,0 | 76,0 | 50,5 | | |
| NKV 1/17 6 S | 17 | 220/380 V | 2,20 | 3,00 | 90 | | 173,0 | 168,0 | 159,5 | 147,5 | 132,0 | 113,0 | 89,0 | 60,0 | | |
| NKV 1/19 6 S | 19 | 220/380 V | 2,20 | 3,00 | 90 | | 193,0 | 187,0 | 177,0 | 164,0 | 147,0 | 125,0 | 98,5 | 66,0 | | |
| NKV 1/22 6 S | 22 | 220/380 V | 2,20 | 3,00 | 90 | | 222,5 | 215,5 | 204,0 | 188,5 | 168,0 | 143,0 | 112,0 | 75,0 | | |
| NKV 1/25 6 S | 25 | 380/660 V | 3,00 | 4,00 | 100 | | 256,0 | 248,0 | 236,0 | 219,0 | 196,5 | 168,0 | 132,5 | 90,0 | | |

| MODEL | N° IMPELLER | ELECTRICAL DATA | | | | HYDRAULIC DATA | | | | | | | | | | | | | |
|--------------|-------------|------------------|------------|------|-----|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|
| | | VOLTAGE 60 Hz | P2 NOMINAL | | MEC | Q=m³/h | 0 | 1 | 1,5 | 2 | 2,5 | 3 | 3,5 | 4 | 4,5 | 5 | 5,5 | 6 | 6,5 |
| | | | kW | HP | | Q=l/min | 0 | 16,7 | 25 | 33,3 | 42 | 50 | 58,3 | 67 | 75 | 83,3 | 92 | 100 | 108,3 |
| NKV 3/2 6 S | 2 | 220/380 V | 0,37 | 0,50 | 71 | H (m) | 21,0 | 20,5 | 20,0 | 19,5 | 18,5 | 17,5 | 16,0 | 14,5 | 12,5 | 10,0 | 7,5 | 4,5 | 2,0 |
| NKV 3/3 6 S | 3 | 220/380 V | 0,55 | 0,75 | 71 | | 32,0 | 31,0 | 30,0 | 29,0 | 27,5 | 26,0 | 24,0 | 21,5 | 18,5 | 15,0 | 11,0 | 7,0 | 3,0 |
| NKV 3/4 6 S | 4 | 220/380 V | 0,55 | 0,75 | 71 | | 42,0 | 40,5 | 39,0 | 37,5 | 35,5 | 33,0 | 30,5 | 27,0 | 23,0 | 18,0 | 13,0 | 8,0 | 2,5 |
| NKV 3/5 6 S | 5 | 220/380 V | 0,75 | 1,00 | 80 | | 54,0 | 53,0 | 51,5 | 50,0 | 47,5 | 45,0 | 41,5 | 37,5 | 32,5 | 27,0 | 20,5 | 13,5 | 6,5 |
| NKV 3/6 6 S | 6 | 220/380 V | 1,10 | 1,50 | 80 | | 65,5 | 64,0 | 62,5 | 60,5 | 58,0 | 55,0 | 51,0 | 46,5 | 40,5 | 33,5 | 25,5 | 17,5 | 9,0 |
| NKV 3/7 6 S | 7 | 220/380 V | 1,10 | 1,50 | 80 | | 76,0 | 74,5 | 72,5 | 70,0 | 67,0 | 63,5 | 59,0 | 53,0 | 46,5 | 38,0 | 29,0 | 19,5 | 9,5 |
| NKV 3/8 6 S | 8 | 220/380 V | 1,50 | 2,00 | 90 | | 87,5 | 86,0 | 84,0 | 81,5 | 78,0 | 74,0 | 69,0 | 62,5 | 54,5 | 45,5 | 35,0 | 24,0 | 12,5 |
| NKV 3/9 6 S | 9 | 220/380 V | 1,50 | 2,00 | 90 | | 98,5 | 96,5 | 94,0 | 91,0 | 87,5 | 82,5 | 76,5 | 69,5 | 61,0 | 50,5 | 38,5 | 26,0 | 13,5 |
| NKV 3/10 6 S | 10 | 220/380 V | 1,50 | 2,00 | 90 | | 109,0 | 106,5 | 104,0 | 100,5 | 96,5 | 91,0 | 84,5 | 76,5 | 66,5 | 55,0 | 42,0 | 28,0 | 14,0 |
| NKV 3/11 6 S | 11 | 220/380 V | 2,20 | 3,00 | 90 | | 121,0 | 118,5 | 116,0 | 112,5 | 108,0 | 102,5 | 95,5 | 86,5 | 76,0 | 63,5 | 49,0 | 33,5 | 18,0 |
| NKV 3/12 6 S | 12 | 220/380 V | 2,20 | 3,00 | 90 | | 131,5 | 129,0 | 126,5 | 122,5 | 117,5 | 111,5 | 103,5 | 94,0 | 82,5 | 68,5 | 52,5 | 36,0 | 19,0 |
| NKV 3/13 6 S | 13 | 220/380 V | 2,20 | 3,00 | 90 | | 142,5 | 139,5 | 136,5 | 132,0 | 126,5 | 120,0 | 111,5 | 101,0 | 88,5 | 73,5 | 56,5 | 38,5 | 20,0 |
| NKV 3/14 6 S | 14 | 220/380 V | 2,20 | 3,00 | 90 | | 153,0 | 150,0 | 146,5 | 142,0 | 136,0 | 128,5 | 119,5 | 108,0 | 94,5 | 78,5 | 60,0 | 40,5 | 21,0 |
| NKV 3/15 6 S | 15 | 380/660 V | 3,00 | 4,00 | 100 | | 165,5 | 163,0 | 159,5 | 155,0 | 149,0 | 141,5 | 132,0 | 120,0 | 106,0 | 88,5 | 69,0 | 48,0 | 26,5 |
| NKV 3/16 6 S | 16 | 380/660 V | 3,00 | 4,00 | 100 | | 176,5 | 173,5 | 170,0 | 165,0 | 158,5 | 150,5 | 140,5 | 127,5 | 112,5 | 94,0 | 73,0 | 50,5 | 28,0 |
| NKV 3/17 6 S | 17 | 380/660 V | 3,00 | 4,00 | 100 | | 187,5 | 184,0 | 180,5 | 175,0 | 168,0 | 159,5 | 148,5 | 135,0 | 119,0 | 99,0 | 77,0 | 53,0 | 29,0 |
| NKV 3/18 6 S | 18 | 380/660 V | 3,00 | 4,00 | 100 | | 198,0 | 194,5 | 190,5 | 185,0 | 177,5 | 168,5 | 157,0 | 142,5 | 125,0 | 104,5 | 81,0 | 55,5 | 30,0 |
| NKV 3/19 6 S | 19 | 380/660 V | 3,00 | 4,00 | 100 | | 209,0 | 205,0 | 201,0 | 195,0 | 187,0 | 177,0 | 165,0 | 150,0 | 131,5 | 109,5 | 84,5 | 58,0 | 31,5 |
| NKV 3/21 6 S | 21 | 380/660 V | 4,00 | 5,50 | 112 | | 232,0 | 228,5 | 224,0 | 218,0 | 209,5 | 199,0 | 186,0 | 169,5 | 149,5 | 125,0 | 97,5 | 68,0 | 38,0 |
| NKV 3/23 6 S | 23 | 380/660 V | 4,00 | 5,50 | 112 | | 254,0 | 250,0 | 245,0 | 238,0 | 229,0 | 217,5 | 203,0 | 184,5 | 162,5 | 136,0 | 106,0 | 73,5 | 41,0 |

NKV 1 - 3 - 6 S

MULTISTAGE CENTRIFUGAL PUMPS WITH VERTICAL AXIS

TECHNICAL DATA - IE3 MOTORS

| MODEL | ELECTRICAL DATA | | | | HYDRAULIC DATA | | | | | | | | | | | | | | |
|--------------|-----------------|------------------|------------|------|----------------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | N° IMPELLER | VOLTAGE 60 Hz | P2 NOMINAL | | MEC | Q=m³/h | 0 | 3 | 3,5 | 4 | 4,5 | 5 | 5,5 | 6 | 7 | 8 | 9 | 9,5 | 10 |
| | | | kW | HP | | Q=l/min | 0 | 50 | 58,3 | 67 | 75 | 83,3 | 92 | 100 | 117 | 133,3 | 150 | 158 | 166,7 |
| NKV 6/2 6 S | 2 | 220/380 V | 0,55 | 0,75 | 71 | H (m) | 21,5 | 19,5 | 19,0 | 18,5 | 17,5 | 17,0 | 16,0 | 15,5 | 14,0 | 11,5 | 9,0 | 7,5 | 5,5 |
| NKV 6/3 6 S | 3 | 220/380 V | 0,75 | 1,00 | 80 | | 32,5 | 30,5 | 29,5 | 28,5 | 27,5 | 26,5 | 25,5 | 24,5 | 22,0 | 19,0 | 14,5 | 12,0 | 10,0 |
| NKV 6/4 6 S | 4 | 220/380 V | 1,10 | 1,50 | 80 | | 43,5 | 41,0 | 40,0 | 38,5 | 37,0 | 36,0 | 34,5 | 33,0 | 29,5 | 25,5 | 20,0 | 16,5 | 13,5 |
| NKV 6/5 6 S | 5 | 220/380 V | 1,10 | 1,50 | 80 | | 54,0 | 50,5 | 49,0 | 47,5 | 46,0 | 44,0 | 42,0 | 40,5 | 36,5 | 31,0 | 24,0 | 20,0 | 16,0 |
| NKV 6/6 6 S | 6 | 220/380 V | 1,50 | 2,00 | 90 | | 65,5 | 61,5 | 59,5 | 58,0 | 56,0 | 54,0 | 51,5 | 49,5 | 44,5 | 38,0 | 30,0 | 25,0 | 20,0 |
| NKV 6/7 6 S | 7 | 220/380 V | 1,50 | 2,00 | 90 | | 76,0 | 71,0 | 69,0 | 67,0 | 64,5 | 62,0 | 59,5 | 57,0 | 51,5 | 43,5 | 34,0 | 28,5 | 23,0 |
| NKV 6/8 6 S | 8 | 220/380 V | 2,20 | 3,00 | 90 | | 87,5 | 82,5 | 80,5 | 78,0 | 75,0 | 72,5 | 69,5 | 67,0 | 60,5 | 52,0 | 40,5 | 34,5 | 28,0 |
| NKV 6/9 6 S | 9 | 220/380 V | 2,20 | 3,00 | 90 | | 98,0 | 92,0 | 90,0 | 87,0 | 84,0 | 81,0 | 77,5 | 74,5 | 67,0 | 57,5 | 45,0 | 38,0 | 30,5 |
| NKV 6/10 6 S | 10 | 220/380 V | 2,20 | 3,00 | 90 | | 109,0 | 102,0 | 99,0 | 96,0 | 92,5 | 89,5 | 85,5 | 82,0 | 74,0 | 63,0 | 49,5 | 41,5 | 33,5 |
| NKV 6/11 6 S | 11 | 380/660 V | 3,00 | 4,00 | 100 | | 121,0 | 114,5 | 111,5 | 108,5 | 105,0 | 101,0 | 97,0 | 93,0 | 84,5 | 72,5 | 57,5 | 49,0 | 39,5 |
| NKV 6/12 6 S | 12 | 380/660 V | 3,00 | 4,00 | 100 | | 132,0 | 124,5 | 121,5 | 117,5 | 114,0 | 110,0 | 105,5 | 101,0 | 91,5 | 79,0 | 62,0 | 52,5 | 42,5 |
| NKV 6/13 6 S | 13 | 380/660 V | 3,00 | 4,00 | 100 | | 142,5 | 134,5 | 131,0 | 127,0 | 123,0 | 118,5 | 114,0 | 109,0 | 98,5 | 84,5 | 66,5 | 56,5 | 45,5 |
| NKV 6/14 6 S | 14 | 380/660 V | 3,00 | 4,00 | 100 | | 154,0 | 144,0 | 140,5 | 136,5 | 132,5 | 128,0 | 123,5 | 118,0 | 105,5 | 90,0 | 71,0 | 60,0 | 48,5 |
| NKV 6/15 6 S | 15 | 380/660 V | 4,00 | 5,50 | 112 | | 165,5 | 156,0 | 152,5 | 149,0 | 144,5 | 140,0 | 135,0 | 129,5 | 116,0 | 99,5 | 79,0 | 67,5 | 55,0 |
| NKV 6/16 6 S | 16 | 380/660 V | 4,00 | 5,50 | 112 | | 176,5 | 166,5 | 162,5 | 158,5 | 154,0 | 149,0 | 143,5 | 137,5 | 123,5 | 105,5 | 83,5 | 71,5 | 58,5 |
| NKV 6/17 6 S | 17 | 380/660 V | 4,00 | 5,50 | 112 | | 187,5 | 176,5 | 172,5 | 168,0 | 163,0 | 158,0 | 152,0 | 145,5 | 130,5 | 111,5 | 88,5 | 75,5 | 61,5 |
| NKV 6/18 6 S | 18 | 380/660 V | 4,00 | 5,50 | 112 | | 198,5 | 186,5 | 182,0 | 177,5 | 172,0 | 166,5 | 160,5 | 153,5 | 137,5 | 117,5 | 93,0 | 79,0 | 64,5 |
| NKV 6/19 6 S | 19 | 380/660 V | 5,50 | 7,50 | 132 | | 210,5 | 198,0 | 193,5 | 188,5 | 183,0 | 177,5 | 171,0 | 164,0 | 147,0 | 126,0 | 100,0 | 85,5 | 70,0 |
| NKV 6/20 6 S | 20 | 380/660 V | 5,50 | 7,50 | 132 | | 221,5 | 208,0 | 203,5 | 198,0 | 192,5 | 186,5 | 179,5 | 172,0 | 154,5 | 132,0 | 105,0 | 89,5 | 73,0 |
| NKV 6/21 6 S | 21 | 380/660 V | 5,50 | 7,50 | 132 | | 232,0 | 218,0 | 213,0 | 207,5 | 201,5 | 195,0 | 188,0 | 180,5 | 161,5 | 138,5 | 109,5 | 93,5 | 76,5 |
| NKV 6/23 6 S | 23 | 380/660 V | 5,50 | 7,50 | 132 | | 254,0 | 238,0 | 232,5 | 226,5 | 220,0 | 213,0 | 205,0 | 196,5 | 176,0 | 150,5 | 119,0 | 101,5 | 82,5 |

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTISTAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

NKV 1-3-6S

MULTISTAGE CENTRIFUGAL PUMPS WITH VERTICAL AXIS

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

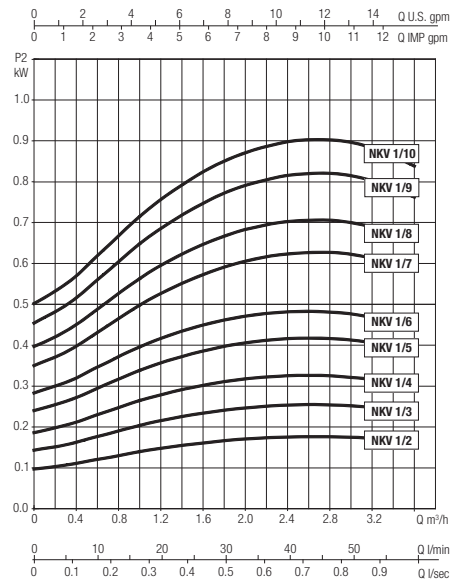
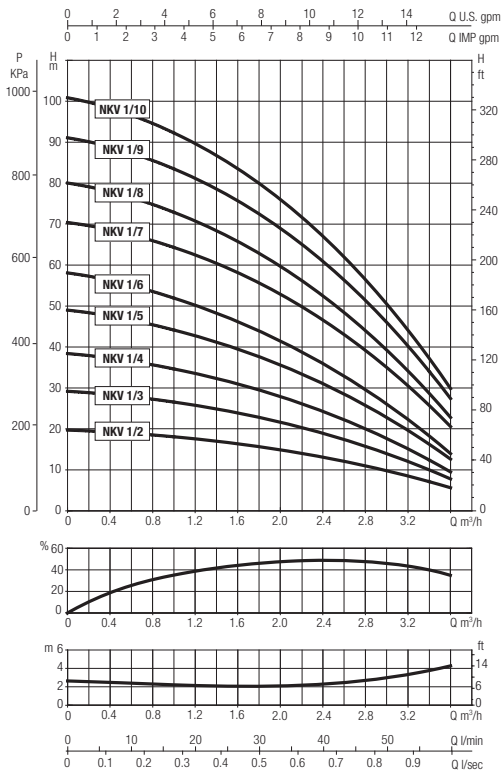
CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

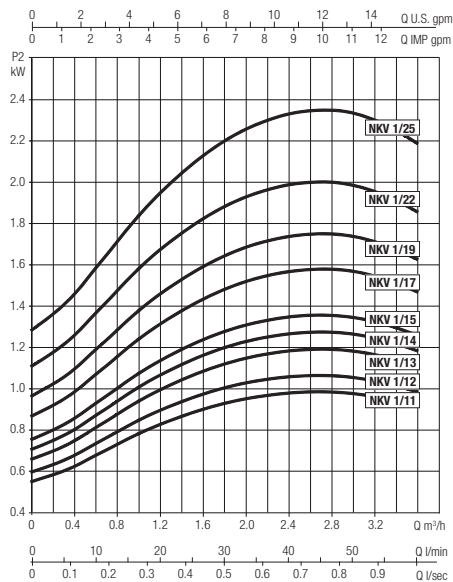
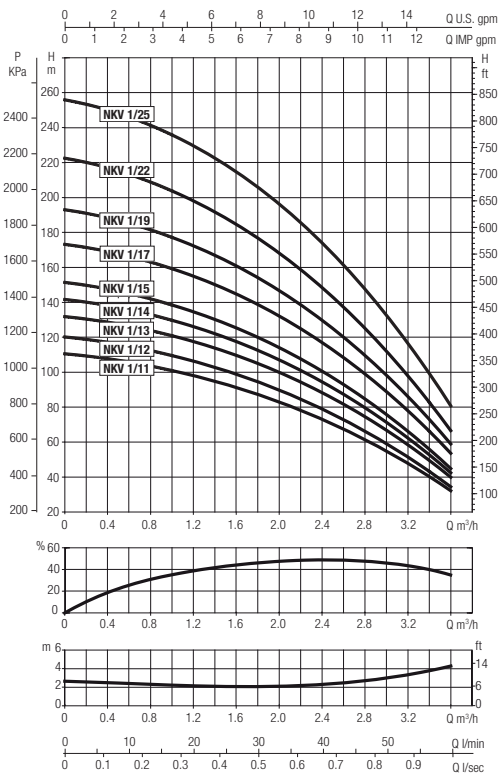
SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

NKV 1



NKV 1



NKV 1-3-6S

MULTISTAGE CENTRIFUGAL PUMPS WITH VERTICAL AXIS

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTISTAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

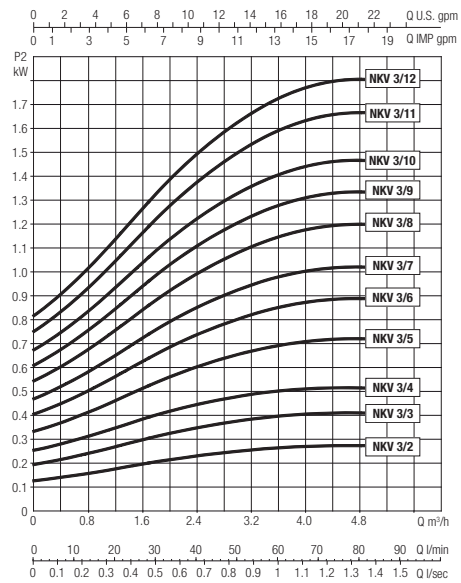
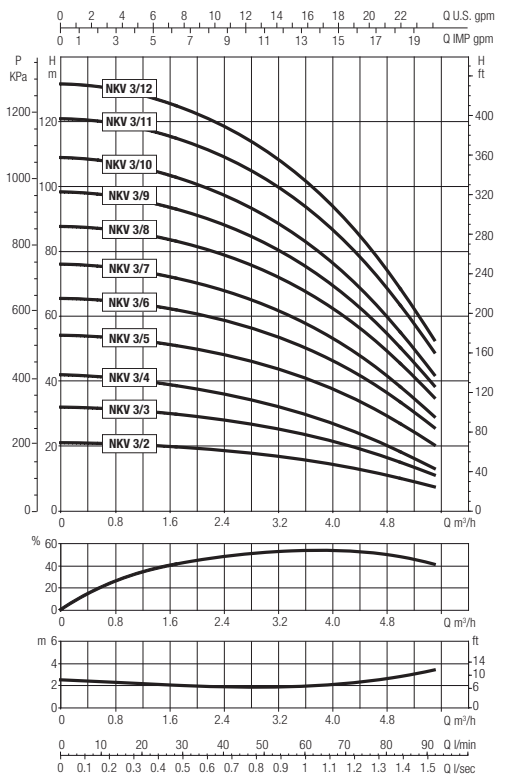
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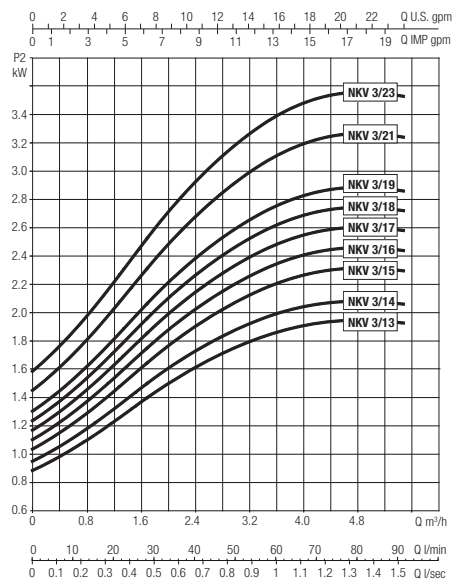
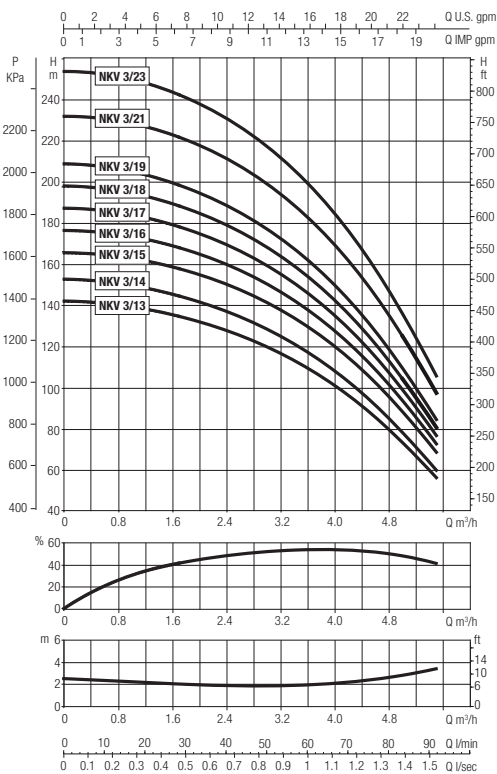
SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

NKV 3



NKV 3



NKV 1-3-6S

MULTISTAGE CENTRIFUGAL PUMPS WITH VERTICAL AXIS

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTISTAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

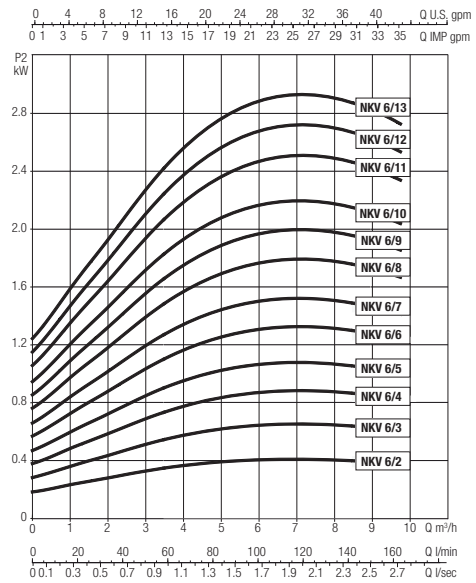
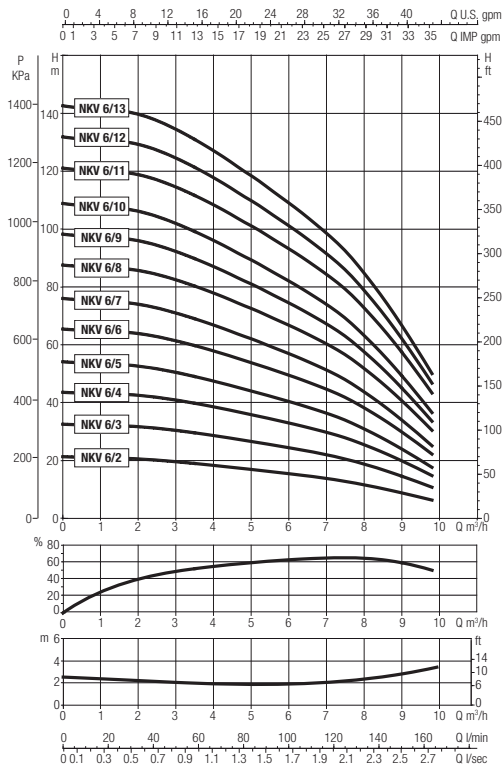
CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

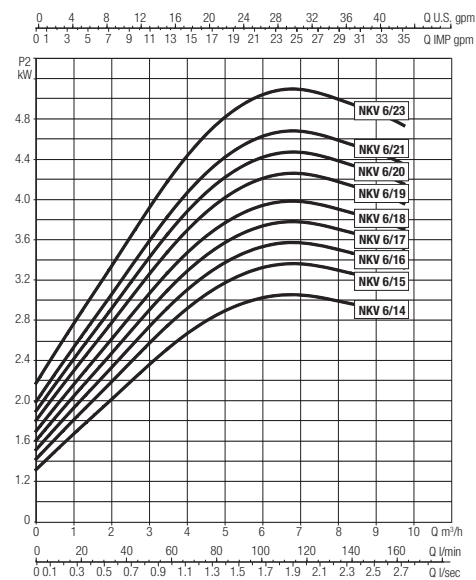
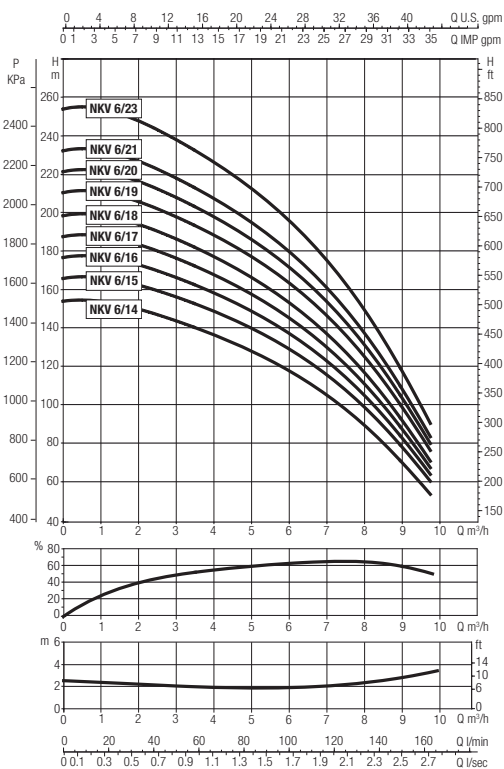
SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

NKV 6



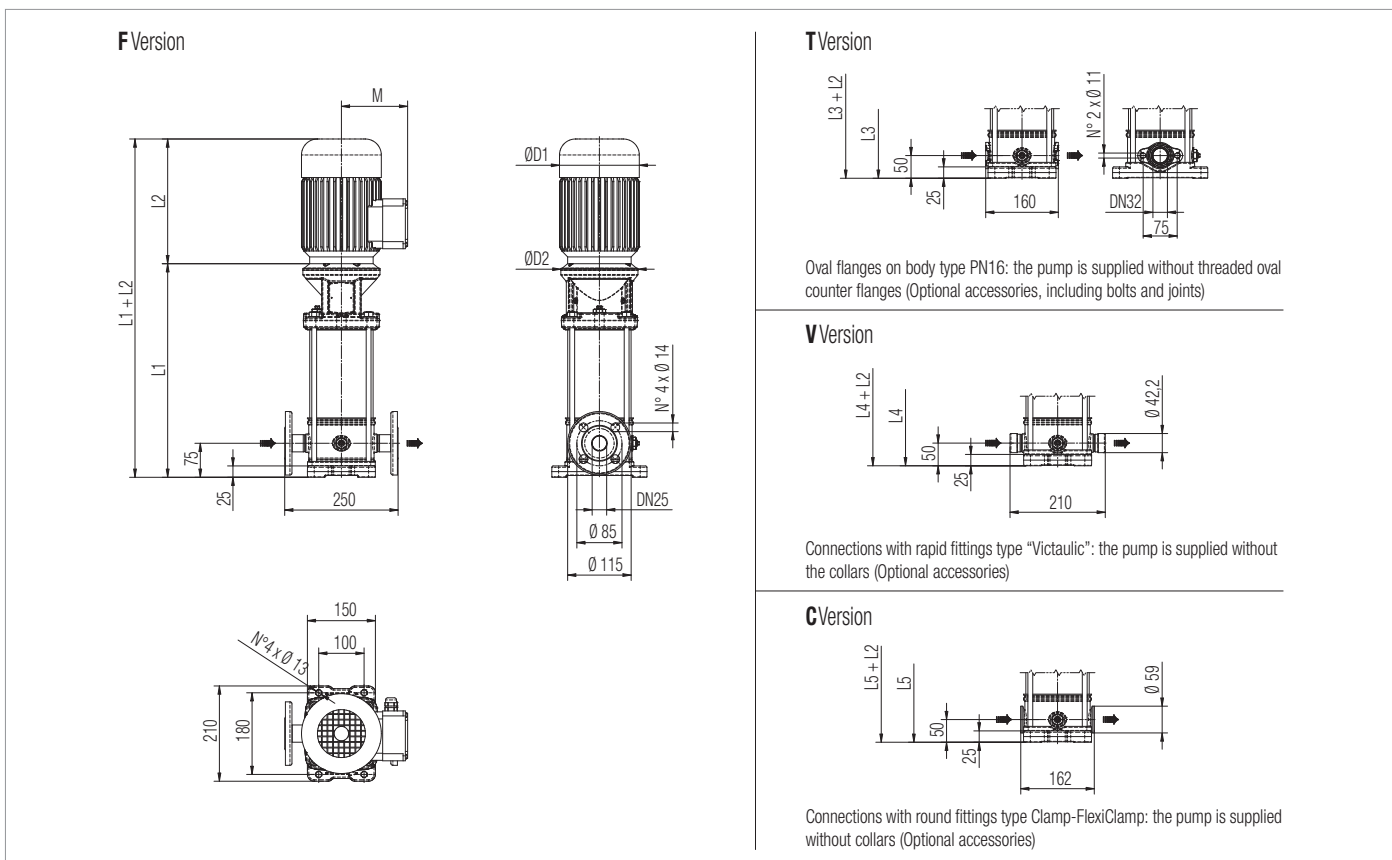
NKV 6



NKV 1-3-6 S

MULTISTAGE CENTRIFUGAL PUMPS WITH VERTICAL AXIS

DIMENSIONS AND WEIGHTS



Version **F**: The pump is supplied without counter flanges (optional accessories, including joints and bolts).

| MODEL | DNA | DNM | L1 F mm | L2 mm | L3 T mm | L4 V mm | L5 C mm | M mm | D1 mm | D2 mm | L1+L2 mm | H mm | Interax mm | WEIGHT Kg |
|--------------|-----|-----|---------------|----------|---------------|---------------|---------------|---------|----------|----------|-------------|---------|---------------|--------------|
| NKV 1/2 6 S | 25 | 25 | 313 | 216 | 288 | 288 | 288 | 110 | 139 | 170 | 529 | 529 | 250 | 17,3 |
| NKV 1/3 6 S | 25 | 25 | 336 | 216 | 311 | 311 | 311 | 110 | 139 | 170 | 552 | 552 | 250 | 17,8 |
| NKV 1/4 6 S | 25 | 25 | 358 | 216 | 333 | 333 | 333 | 110 | 139 | 170 | 574 | 574 | 250 | 18,3 |
| NKV 1/5 6 S | 25 | 25 | 381 | 216 | 356 | 356 | 356 | 110 | 139 | 170 | 597 | 597 | 250 | 19,2 |
| NKV 1/6 6 S | 25 | 25 | 403 | 216 | 378 | 378 | 378 | 110 | 139 | 170 | 619 | 619 | 250 | 19,7 |
| NKV 1/7 6 S | 25 | 25 | 426 | 232 | 401 | 401 | 401 | 129 | 160 | 170 | 658 | 658 | 250 | 23,5 |
| NKV 1/8 6 S | 25 | 25 | 448 | 232 | 423 | 423 | 423 | 129 | 160 | 170 | 680 | 680 | 250 | 24,0 |
| NKV 1/9 6 S | 25 | 25 | 471 | 232 | 446 | 446 | 446 | 129 | 160 | 170 | 703 | 703 | 250 | 26,1 |
| NKV 1/10 6 S | 25 | 25 | 493 | 232 | 468 | 468 | 468 | 129 | 160 | 170 | 725 | 725 | 250 | 26,6 |
| NKV 1/11 6 S | 25 | 25 | 516 | 232 | 491 | 491 | 491 | 129 | 160 | 170 | 748 | 748 | 250 | 27,1 |
| NKV 1/12 6 S | 25 | 25 | 538 | 232 | 513 | 513 | 513 | 129 | 160 | 170 | 770 | 770 | 250 | 27,6 |
| NKV 1/13 6 S | 25 | 25 | 571 | 267 | 546 | 546 | 546 | 138 | 180 | 170 | 838 | 838 | 250 | 31,5 |
| NKV 1/14 6 S | 25 | 25 | 593 | 267 | 568 | 568 | 568 | 138 | 180 | 170 | 860 | 860 | 250 | 31,5 |
| NKV 1/15 6 S | 25 | 25 | 616 | 267 | 591 | 591 | 591 | 138 | 180 | 170 | 883 | 883 | 250 | 32,0 |
| NKV 1/17 6 S | 25 | 25 | 661 | 267 | - | 636 | 636 | 138 | 180 | 170 | 928 | 928 | 250 | 35,0 |
| NKV 1/19 6 S | 25 | 25 | 706 | 267 | - | 681 | 681 | 138 | 180 | 170 | 973 | 973 | 250 | 36,0 |
| NKV 1/22 6 S | 25 | 25 | 773 | 267 | - | 748 | 748 | 138 | 180 | 170 | 1040 | 1040 | 250 | 37,5 |
| NKV 1/25 6 S | 25 | 25 | 851 | 290 | - | 826 | 826 | 138 | 180 | 170 | 1141 | 1141 | 250 | 41,5 |

NKV 1-3-6 S

MULTISTAGE CENTRIFUGAL PUMPS WITH VERTICAL AXIS

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTISTAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

CENTRIFUGAL PUMPS

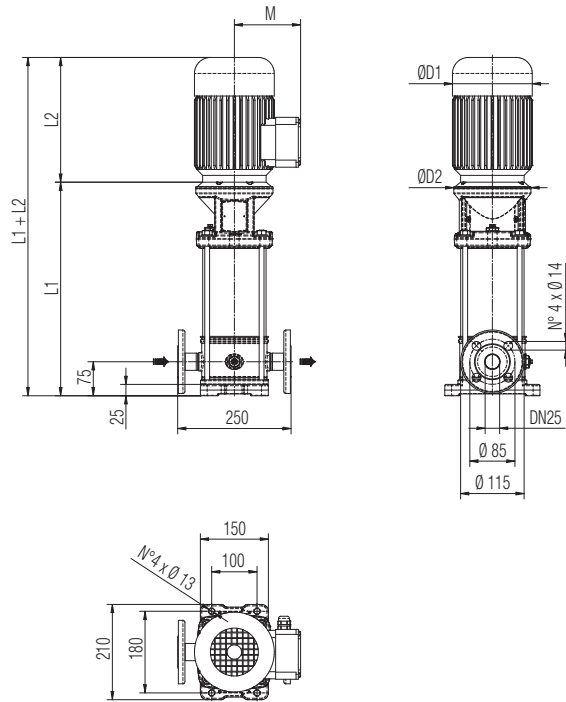
SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

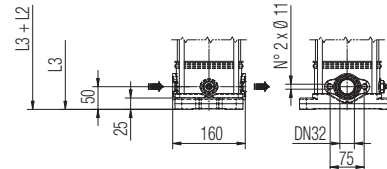
PRESSURE UNITS

DIMENSIONS AND WEIGHTS

F Version

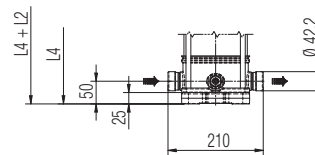


T Version



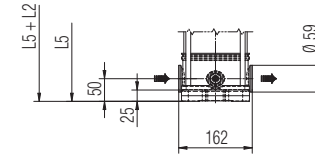
Oval flanges on body type PN16: the pump is supplied without threaded oval counter flanges (Optional accessories, including bolts and joints)

V Version



Connections with rapid fittings type "Victaulic": the pump is supplied without the collars (Optional accessories)

C Version



Connections with round fittings type Clamp-FlexiClamp: the pump is supplied without collars (Optional accessories)

Version F: The pump is supplied without counter flanges (optional accessories, including joints and bolts).

| MODEL | DNA | DNM | L1 F mm | L2 mm | L3 T mm | L4 V mm | L5 C mm | M mm | D1 mm | D2 mm | L1+L2 mm | H mm | Interax mm | WEIGHT Kg |
|--------------|-----|-----|---------------|----------|---------------|---------------|---------------|---------|----------|----------|-------------|---------|---------------|--------------|
| NKV 3/2 6 S | 25 | 25 | 313 | 216 | 288 | 288 | 288 | 110 | 139 | 170 | 529 | 529 | 250 | 17,3 |
| NKV 3/3 6 S | 25 | 25 | 336 | 216 | 311 | 311 | 311 | 110 | 139 | 170 | 552 | 552 | 250 | 18,2 |
| NKV 3/4 6 S | 25 | 25 | 358 | 216 | 333 | 333 | 333 | 110 | 139 | 170 | 574 | 574 | 250 | 18,7 |
| NKV 3/5 6 S | 25 | 25 | 381 | 232 | 356 | 356 | 356 | 129 | 160 | 170 | 613 | 613 | 250 | 22,5 |
| NKV 3/6 6 S | 25 | 25 | 403 | 232 | 378 | 378 | 378 | 129 | 160 | 170 | 635 | 635 | 250 | 24,6 |
| NKV 3/7 6 S | 25 | 25 | 426 | 232 | 401 | 401 | 401 | 129 | 160 | 170 | 658 | 658 | 250 | 25,1 |
| NKV 3/8 6 S | 25 | 25 | 458 | 267 | 433 | 433 | 433 | 138 | 180 | 170 | 725 | 725 | 250 | 29,0 |
| NKV 3/9 6 S | 25 | 25 | 481 | 267 | 456 | 456 | 456 | 138 | 180 | 170 | 748 | 748 | 250 | 29,5 |
| NKV 3/10 6 S | 25 | 25 | 503 | 267 | 478 | 478 | 478 | 138 | 180 | 170 | 770 | 770 | 250 | 30,0 |
| NKV 3/11 6 S | 25 | 25 | 526 | 267 | 501 | 501 | 501 | 138 | 180 | 170 | 793 | 793 | 250 | 32,5 |
| NKV 3/12 6 S | 25 | 25 | 548 | 267 | 523 | 523 | 523 | 138 | 180 | 170 | 815 | 815 | 250 | 33,0 |
| NKV 3/13 6 S | 25 | 25 | 571 | 267 | 546 | 546 | 546 | 138 | 180 | 170 | 838 | 838 | 250 | 33,5 |
| NKV 3/14 6 S | 25 | 25 | 593 | 267 | 568 | 568 | 568 | 138 | 180 | 170 | 860 | 860 | 250 | 34,0 |
| NKV 3/15 6 S | 25 | 25 | 626 | 290 | - | 601 | 601 | 138 | 180 | 170 | 916 | 916 | 250 | 37,0 |
| NKV 3/16 6 S | 25 | 25 | 648 | 290 | - | 623 | 623 | 138 | 180 | 170 | 938 | 938 | 250 | 37,5 |
| NKV 3/17 6 S | 25 | 25 | 671 | 290 | - | 646 | 646 | 138 | 180 | 170 | 961 | 961 | 250 | 38,0 |
| NKV 3/18 6 S | 25 | 25 | 693 | 290 | - | 668 | 668 | 138 | 180 | 170 | 983 | 983 | 250 | 38,5 |
| NKV 3/19 6 S | 25 | 25 | 716 | 290 | - | 691 | 691 | 138 | 180 | 170 | 1006 | 1006 | 250 | 39,0 |
| NKV 3/21 6 S | 25 | 25 | 761 | 306 | - | 736 | 736 | 145 | 196 | 170 | 1067 | 1067 | 250 | 44,3 |
| NKV 3/23 6 S | 25 | 25 | 806 | 306 | - | 781 | 781 | 145 | 196 | 170 | 1112 | 1112 | 250 | 45,3 |

NKV 1-3-6 S

MULTISTAGE CENTRIFUGAL PUMPS WITH VERTICAL AXIS

DIMENSIONS AND WEIGHTS

F Version

T Version

Oval flanges on body type PN16: the pump is supplied without threaded oval counter flanges (Optional accessories, including bolts and joints)

V Version

Connections with rapid fittings type "Victaulic": the pump is supplied without the collars (Optional accessories)

C Version

Connections with round fittings type Clamp-FlexiClamp: the pump is supplied without collars (Optional accessories)

Version **F**: The pump is supplied without counter flanges (optional accessories, including joints and bolts).

| MODEL | DNA | DNM | L1 F mm | L2 mm | L3 T mm | L4 V mm | L5 C mm | M mm | D1 mm | D2 mm | L1+L2 mm | H mm | Interax mm | WEIGHT Kg |
|--------------|-----|-----|---------------|----------|---------------|---------------|---------------|---------|----------|----------|-------------|---------|---------------|--------------|
| NKV 6/2 6 S | 32 | 32 | 320 | 216 | 295 | 295 | 295 | 110 | 139 | 170 | 536 | 536 | 250 | 18,2 |
| NKV 6/3 6 S | 32 | 32 | 346 | 232 | 321 | 321 | 321 | 129 | 160 | 170 | 578 | 578 | 250 | 22,0 |
| NKV 6/4 6 S | 32 | 32 | 372 | 232 | 347 | 347 | 347 | 129 | 160 | 170 | 604 | 604 | 250 | 24,1 |
| NKV 6/5 6 S | 32 | 32 | 398 | 232 | 373 | 373 | 373 | 129 | 160 | 170 | 630 | 630 | 250 | 24,6 |
| NKV 6/6 6 S | 32 | 32 | 434 | 267 | 409 | 409 | 409 | 138 | 180 | 170 | 701 | 701 | 250 | 28,5 |
| NKV 6/7 6 S | 32 | 32 | 460 | 267 | 435 | 435 | 435 | 138 | 180 | 170 | 727 | 727 | 250 | 29,0 |
| NKV 6/8 6 S | 32 | 32 | 486 | 267 | 461 | 461 | 461 | 138 | 180 | 170 | 753 | 753 | 250 | 31,5 |
| NKV 6/9 6 S | 32 | 32 | 512 | 267 | 487 | 487 | 487 | 138 | 180 | 170 | 779 | 779 | 250 | 32,0 |
| NKV 6/10 6 S | 32 | 32 | 538 | 267 | 513 | 513 | 513 | 138 | 180 | 170 | 805 | 805 | 250 | 32,5 |
| NKV 6/11 6 S | 32 | 32 | 574 | 290 | 549 | 549 | 549 | 138 | 180 | 170 | 864 | 864 | 250 | 36,0 |
| NKV 6/12 6 S | 32 | 32 | 600 | 290 | 575 | 575 | 575 | 138 | 180 | 170 | 890 | 890 | 250 | 36,5 |
| NKV 6/13 6 S | 32 | 32 | 626 | 290 | 601 | 601 | 601 | 138 | 180 | 170 | 916 | 916 | 250 | 37,0 |
| NKV 6/14 6 S | 32 | 32 | 652 | 290 | 627 | 627 | 627 | 138 | 180 | 170 | 942 | 942 | 250 | 37,5 |
| NKV 6/15 6 S | 32 | 32 | 678 | 306 | - | 653 | 653 | 145 | 196 | 170 | 984 | 984 | 250 | 42,8 |
| NKV 6/16 6 S | 32 | 32 | 704 | 306 | - | 679 | 679 | 145 | 196 | 170 | 1010 | 1010 | 250 | 43,3 |
| NKV 6/17 6 S | 32 | 32 | 730 | 306 | - | 705 | 705 | 145 | 196 | 170 | 1036 | 1036 | 250 | 43,8 |
| NKV 6/18 6 S | 32 | 32 | 756 | 306 | - | 731 | 731 | 145 | 196 | 170 | 1062 | 1062 | 250 | 44,3 |
| NKV 6/19 6 S | 32 | 32 | 958 | 328 | - | 933 | 933 | 160 | 225 | 300 | 1286 | 1286 | 250 | 75,5 |
| NKV 6/20 6 S | 32 | 32 | 984 | 328 | - | 959 | 959 | 160 | 225 | 300 | 1312 | 1312 | 250 | 76,0 |
| NKV 6/21 6 S | 32 | 32 | 1010 | 328 | - | 985 | 985 | 160 | 225 | 300 | 1338 | 1338 | 250 | 76,5 |
| NKV 6/23 6 S | 32 | 32 | 1062 | 328 | - | 1037 | 1037 | 160 | 225 | 300 | 1390 | 1390 | 250 | 77,5 |

NKV 10 - 15 - 20 S

MULTISTAGE CENTRIFUGAL PUMPS WITH VERTICAL AXIS

HIGH
EFFICIENCY
MOTORS



DAB's new NKV S pumps are AISI 304 stainless steel multi-impeller vertical centrifugal pumps with coupling; designed for pressurisation in civil and commercial environments, they can also be used in agriculture, in watering systems.

The pumps can be used for the recirculation of water in heating and air conditioning systems.

In all models, the parts in contact with the liquid are made of AISI 304 stainless steel (AISI 316 stainless steel, X version, only on request).

They are particularly versatile, thanks to the centre distance between the 2 in-line ports, designed to maximise interchangeability. Starting from 5.5 kW models, the silicon carbide-graphite mechanical seal can be removed without removing the motor.

Mechanical seals for aggressive liquids and different connections (round, oval, Victaulic, clamp flanges) available on request.

All the models are WRAS and ACS certified for use with drinking water.

Also available rigid coupling to IE3 high energy efficiency electric motors.

Operating range

1 m³/h to 33,6 m³/h with head up to 255 m

Pumped liquid Clean, free of solids and abrasives, non-viscous, non-aggressive, non-crystallised and chemically neutral

Maximum glycol content 30%

Supported liquid temperature

-30 °C to +120 °C (EPDM)

-15 °C to +120 °C (Viton/FKM)

Maximum ambient temperature +50° C

Maximum operating pressure bar / kPa

25 bar / 2500 kPa

Motor protection class IP 55

Motor insulation class F

Impeller/s material

AISI 304 stainless steel for NKV S

AISI 316 stainless steel for NKV X (only on request)

Single-phase power supply

Contact our sales network

Three phase power input

IE2:

220-277/380-480 up to 30kW

380-480 D up to 45kW

IE3:

220/380V up to 2,2kW

380/660 V up to 45kW

Possible type of installation Vertical position

Special versions on request

Available with different types of mechanical seals for aggressive liquids and connections (round, oval, Victaulic, clamp flanges), **with parts in contact with the liquid in AISI 316 stainless steel (X versions)**, other voltages and frequencies, ATEX version

TECHNICAL DATA

| MODEL | ELECTRICAL DATA | | | | HYDRAULIC DATA | | | | | | | | | | | | | | | |
|---------------|-----------------|-------------------|------------|-------|----------------|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| | N° IMPELLER | VOLTAGE 60 Hz | P2 NOMINAL | | MEC | Q=m ³ /h | | 0 | 3 | 5 | 7 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| | | | kW | HP | | Q=l/min | 0 | 50 | 83,3 | 117 | 150 | 166,7 | 183 | 200 | 216,7 | 233 | 250 | 267 | 283,3 | |
| NKV 10/2 6 S | 2 | 220-277/380-480 V | 1,10 | 1,50 | 80 | H (m) | 28,5 | 28,5 | 28,0 | 27,0 | 25,5 | 24,5 | 23,5 | 22,0 | 20,5 | 19,0 | 17,0 | 15,5 | 13,0 | |
| NKV 10/3 6 S | 3 | 220-277/380-480 V | 2,20 | 3,00 | 90 | | 43,5 | 43,5 | 43,0 | 41,5 | 39,0 | 38,0 | 36,0 | 34,5 | 32,0 | 29,5 | 27,0 | 24,0 | 21,0 | |
| NKV 10/4 6 S | 4 | 220-277/380-480 V | 2,20 | 3,00 | 90 | | 57,5 | 57,5 | 56,5 | 54,5 | 51,5 | 49,5 | 47,0 | 44,5 | 42,0 | 38,5 | 35,0 | 31,0 | 27,0 | |
| NKV 10/5 6 S | 5 | 220-277/380-480 V | 3,00 | 4,00 | 100 | | 72,5 | 72,5 | 71,5 | 69,5 | 65,5 | 63,0 | 60,5 | 57,5 | 53,5 | 49,5 | 45,5 | 40,5 | 35,5 | |
| NKV 10/6 6 S | 6 | 220-277/380-480 V | 4,00 | 5,50 | 112 | | 87,5 | 87,5 | 86,5 | 84,0 | 79,5 | 77,0 | 73,5 | 70,0 | 65,5 | 61,0 | 55,5 | 50,0 | 43,5 | |
| NKV 10/7 6 S | 7 | 220-277/380-480 V | 4,00 | 5,50 | 112 | | 102,0 | 102,0 | 100,5 | 97,5 | 92,0 | 89,0 | 85,0 | 81,0 | 76,0 | 70,0 | 64,0 | 57,5 | 50,0 | |
| NKV 10/8 6 S | 8 | 220-277/380-480 V | 5,50 | 7,50 | 132 | | 117,0 | 117,0 | 115,5 | 112,0 | 106,0 | 102,5 | 98,0 | 93,0 | 87,5 | 81,0 | 74,0 | 66,0 | 58,0 | |
| NKV 10/9 6 S | 9 | 220-277/380-480 V | 5,50 | 7,50 | 132 | | 131,0 | 131,0 | 129,5 | 125,5 | 118,5 | 114,5 | 109,5 | 104,0 | 97,5 | 90,5 | 82,5 | 73,5 | 64,5 | |
| NKV 10/10 6 S | 10 | 220-277/380-480 V | 7,50 | 10,00 | 132 | | 146,5 | 146,5 | 145,0 | 140,5 | 133,0 | 128,5 | 123,5 | 117,0 | 110,0 | 102,0 | 93,0 | 83,5 | 73,5 | |
| NKV 10/11 6 S | 11 | 220-277/380-480 V | 7,50 | 10,00 | 132 | | 161,0 | 161,0 | 159,0 | 154,0 | 146,0 | 141,0 | 135,0 | 128,5 | 120,5 | 111,5 | 102,0 | 91,5 | 80,0 | |
| NKV 10/12 6 S | 12 | 220-277/380-480 V | 7,50 | 10,00 | 132 | | 175,0 | 175,5 | 173,0 | 167,5 | 159,0 | 153,5 | 147,0 | 139,5 | 131,0 | 121,0 | 110,5 | 99,0 | 87,0 | |
| NKV 10/13 6 S | 13 | 220-277/380-480 V | 7,50 | 10,00 | 132 | | 189,5 | 189,5 | 187,0 | 181,0 | 171,5 | 165,5 | 158,5 | 150,5 | 141,0 | 130,5 | 119,0 | 106,5 | 93,5 | |
| NKV 10/15 6 S | 15 | 220-277/380-480 V | 11,00 | 15,00 | 160 | | 220,0 | 221,0 | 219,0 | 212,5 | 202,0 | 195,0 | 187,5 | 178,0 | 167,5 | 155,5 | 142,0 | 128,0 | 112,5 | |
| NKV 10/17 6 S | 17 | 220-277/380-480 V | 11,00 | 15,00 | 160 | | 249,0 | 250,0 | 247,5 | 240,0 | 228,0 | 220,5 | 211,0 | 200,5 | 188,5 | 175,0 | 160,0 | 143,5 | 126,5 | |

NKV 10 - 15 - 20 S

MULTISTAGE CENTRIFUGAL PUMPS WITH VERTICAL AXIS

| MODEL | N° IMPELLER | ELECTRICAL DATA | | | | HYDRAULIC DATA | | | | | | | | | | | | | |
|---------------|-------------|-------------------|------------|-------|-----|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|
| | | VOLTAGE 60 Hz | P2 NOMINAL | | MEC | Q=m³/h | 0 | 4,8 | 9,6 | 12 | 14,4 | 16,8 | 19,2 | 21,6 | 24 | 26,4 | 28,8 | | |
| | | | kW | HP | | Q=l/min | 0 | 80 | 160 | 200 | 240 | 280 | 320 | 360 | 400 | 440 | 480 | | |
| NKV 15/1 6 S | 1 | 220-277/380-480 V | 1,50 | 2,00 | 90 | H (m) | 21,0 | 20,0 | 18,5 | 18,0 | 17,5 | 16,5 | 15,5 | 14,0 | 12,5 | 10,5 | 8,0 | | |
| NKV 15/2 6 S | 2 | 220-277/380-480 V | 3,00 | 4,00 | 100 | | 42,0 | 40,5 | 37,5 | 36,5 | 35,0 | 33,5 | 31,5 | 29,0 | 25,5 | 21,5 | 16,5 | | |
| NKV 15/3 6 S | 3 | 220-277/380-480 V | 4,00 | 5,50 | 112 | | 63,5 | 60,5 | 56,5 | 55,0 | 53,0 | 50,5 | 47,5 | 43,5 | 38,5 | 32,0 | 25,0 | | |
| NKV 15/4 6 S | 4 | 220-277/380-480 V | 5,50 | 7,50 | 132 | | 84,5 | 81,0 | 75,5 | 73,5 | 70,5 | 67,0 | 63,0 | 58,0 | 51,0 | 42,5 | 33,5 | | |
| NKV 15/5 6 S | 5 | 220-277/380-480 V | 7,50 | 10,00 | 132 | | 106,0 | 101,5 | 95,0 | 92,0 | 88,5 | 84,5 | 79,5 | 73,0 | 64,5 | 54,0 | 42,5 | | |
| NKV 15/6 6 S | 6 | 220-277/380-480 V | 11,00 | 15,00 | 160 | | 128,0 | 123,5 | 117,0 | 114,0 | 110,0 | 105,5 | 100,5 | 92,5 | 82,5 | 70,5 | 57,5 | | |
| NKV 15/7 6 S | 7 | 220-277/380-480 V | 11,00 | 15,00 | 160 | | 149,0 | 143,5 | 136,0 | 132,5 | 128,0 | 122,5 | 116,5 | 107,5 | 95,5 | 81,5 | 66,5 | | |
| NKV 15/8 6 S | 8 | 220-277/380-480 V | 11,00 | 15,00 | 160 | | 170,0 | 164,0 | 155,0 | 151,0 | 145,5 | 139,0 | 132,5 | 122,0 | 108,5 | 92,5 | 75,0 | | |
| NKV 15/9 6 S | 9 | 220-277/380-480 V | 15,00 | 20,00 | 160 | | 191,5 | 184,5 | 174,0 | 169,5 | 163,5 | 156,5 | 149,0 | 137,0 | 122,0 | 104,0 | 84,5 | | |
| NKV 15/10 6 S | 10 | 220-277/380-480 V | 15,00 | 20,00 | 160 | | 212,5 | 204,5 | 193,0 | 187,5 | 181,0 | 173,5 | 165,0 | 151,5 | 135,0 | 115,0 | 93,0 | | |
| NKV 15/11 6 S | 11 | 220-277/380-480 V | 15,00 | 20,00 | 160 | | 233,5 | 224,5 | 211,5 | 206,0 | 198,5 | 190,0 | 180,5 | 166,0 | 147,5 | 125,5 | 101,5 | | |
| NKV 15/12 6 S | 12 | 220-277/380-480 V | 18,50 | 25,00 | 160 | | 255,0 | 245,5 | 232,0 | 226,0 | 218,0 | 209,0 | 199,0 | 183,0 | 163,0 | 139,0 | 112,5 | | |

| MODEL | N° IMPELLER | ELECTRICAL DATA | | | | HYDRAULIC DATA | | | | | | | | | | | | | | | |
|---------------|-------------|-------------------|------------|-------|-----|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|
| | | VOLTAGE 60 Hz | P2 NOMINAL | | MEC | Q=m³/h | 0 | 4,8 | 9,6 | 12 | 14,4 | 16,8 | 19,2 | 21,6 | 24 | 26,4 | 28,8 | 31,2 | 33,6 | | |
| | | | kW | HP | | Q=l/min | 0 | 80 | 160 | 200 | 240 | 280 | 320 | 360 | 400 | 440 | 480 | 520 | 560 | | |
| NKV 20/1 6 S | 1 | 220-277/380-480 V | 2,20 | 3,00 | 90 | H (m) | 22,5 | 22,0 | 21,0 | 20,5 | 20,0 | 19,5 | 18,5 | 18,0 | 17,0 | 15,5 | 13,5 | 11,5 | 9,5 | | |
| NKV 20/2 6 S | 2 | 220-277/380-480 V | 4,00 | 5,50 | 112 | | 45,5 | 44,0 | 42,5 | 41,0 | 40,5 | 39,0 | 37,5 | 36,5 | 34,5 | 31,5 | 28,0 | 24,5 | 19,5 | | |
| NKV 20/3 6 S | 3 | 220-277/380-480 V | 5,50 | 7,50 | 132 | | 68,0 | 66,0 | 63,5 | 61,5 | 60,0 | 58,5 | 56,0 | 54,5 | 51,0 | 47,0 | 41,5 | 36,0 | 29,0 | | |
| NKV 20/4 6 S | 4 | 220-277/380-480 V | 7,50 | 10,00 | 132 | | 91,0 | 88,0 | 85,0 | 82,5 | 80,5 | 78,0 | 75,0 | 72,5 | 68,5 | 63,0 | 56,0 | 48,5 | 39,5 | | |
| NKV 20/5 6 S | 5 | 220-277/380-480 V | 11,00 | 15,00 | 160 | | 114,5 | 111,0 | 107,5 | 104,0 | 102,0 | 99,0 | 95,5 | 92,5 | 87,5 | 80,5 | 72,0 | 62,5 | 51,5 | | |
| NKV 20/6 6 S | 6 | 220-277/380-480 V | 11,00 | 15,00 | 160 | | 137,5 | 134,0 | 130,0 | 127,0 | 124,0 | 121,0 | 117,0 | 114,5 | 108,5 | 100,0 | 89,5 | 77,5 | 64,5 | | |
| NKV 20/7 6 S | 7 | 220-277/380-480 V | 15,00 | 20,00 | 160 | | 160,0 | 156,5 | 151,5 | 147,5 | 144,0 | 140,5 | 136,5 | 133,5 | 126,0 | 116,5 | 104,0 | 90,5 | 75,0 | | |
| NKV 20/8 6 S | 8 | 220-277/380-480 V | 15,00 | 20,00 | 160 | | 182,5 | 178,5 | 172,5 | 168,0 | 164,0 | 160,0 | 155,5 | 151,5 | 143,5 | 132,0 | 118,0 | 102,5 | 84,5 | | |
| NKV 20/9 6 S | 9 | 220-277/380-480 V | 18,50 | 25,00 | 160 | | 206,0 | 201,0 | 195,0 | 190,0 | 185,5 | 181,0 | 176,0 | 172,0 | 162,5 | 150,0 | 134,0 | 117,0 | 96,5 | | |
| NKV 20/10 6 S | 10 | 220-277/380-480 V | 18,50 | 25,00 | 160 | | 228,5 | 223,0 | 216,0 | 210,5 | 205,5 | 200,5 | 194,5 | 190,0 | 180,0 | 166,0 | 148,0 | 129,0 | 106,5 | | |

NKV 10 - 15 - 20 S

MULTISTAGE CENTRIFUGAL PUMPS WITH VERTICAL AXIS

TECHNICAL DATA - IE3 MOTORS

| MODEL | ELECTRICAL DATA | | | | | HYDRAULIC DATA | | | | | | | | | | | | | | | | |
|---------------|-----------------|------------------|------------|-------|-----|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|--|
| | N° IMPELLER | VOLTAGE 60 Hz | P2 NOMINAL | | MEC | Q=m³/h | 0 | 3 | 5 | 7 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | | | |
| | | | Q=l/min | 0 | | 50 | 83,3 | 117 | 150 | 166,7 | 183 | 200 | 216,7 | 233 | 250 | 267 | 283,3 | | | | | |
| NKV 10-3 6 S | 2 | 220/380 V | 1,10 | 1,50 | 80 | H (m) | 28,5 | 28,5 | 28,0 | 27,0 | 25,5 | 24,5 | 23,5 | 22,0 | 20,5 | 19,0 | 17,0 | 15,5 | 13,0 | | | |
| NKV 10/3 6 S | 3 | 220/380 V | 2,20 | 3,00 | 90 | | 43,5 | 43,5 | 43,0 | 41,5 | 39,0 | 38,0 | 36,0 | 34,5 | 32,0 | 29,5 | 27,0 | 24,0 | 21,0 | | | |
| NKV 10/4 6 S | 4 | 220/380 V | 2,20 | 3,00 | 90 | | 57,5 | 57,5 | 56,5 | 54,5 | 51,5 | 49,5 | 47,0 | 44,5 | 42,0 | 38,5 | 35,0 | 31,0 | 27,0 | | | |
| NKV 10/5 6 S | 5 | 380/660 V | 3,00 | 4,00 | 100 | | 72,5 | 72,5 | 71,5 | 69,5 | 65,5 | 63,0 | 60,5 | 57,5 | 53,5 | 49,5 | 45,5 | 40,5 | 35,5 | | | |
| NKV 10/6 6 S | 6 | 380/660 V | 4,00 | 5,50 | 112 | | 87,5 | 87,5 | 86,5 | 84,0 | 79,5 | 77,0 | 73,5 | 70,0 | 65,5 | 61,0 | 55,5 | 50,0 | 43,5 | | | |
| NKV 10/7 6 S | 7 | 380/660 V | 4,00 | 5,50 | 112 | | 102,0 | 102,0 | 100,5 | 97,5 | 92,0 | 89,0 | 85,0 | 81,0 | 76,0 | 70,0 | 64,0 | 57,5 | 50,0 | | | |
| NKV 10/8 6 S | 8 | 380/660 V | 5,50 | 7,50 | 132 | | 117,0 | 117,0 | 115,5 | 112,0 | 106,0 | 102,5 | 98,0 | 93,0 | 87,5 | 81,0 | 74,0 | 66,0 | 58,0 | | | |
| NKV 10/9 6 S | 9 | 380/660 V | 5,50 | 7,50 | 132 | | 131,0 | 131,0 | 129,5 | 125,5 | 118,5 | 114,5 | 109,5 | 104,0 | 97,5 | 90,5 | 82,5 | 73,5 | 64,5 | | | |
| NKV 10/10 6 S | 10 | 380/660 V | 7,50 | 10,00 | 132 | | 146,5 | 146,5 | 145,0 | 140,5 | 133,0 | 128,5 | 123,5 | 117,0 | 110,0 | 102,0 | 93,0 | 83,5 | 73,5 | | | |
| NKV 10/11 6 S | 11 | 380/660 V | 7,50 | 10,00 | 132 | | 161,0 | 161,0 | 159,0 | 154,0 | 146,0 | 141,0 | 135,0 | 128,5 | 120,5 | 111,5 | 102,0 | 91,5 | 80,0 | | | |
| NKV 10/12 6 S | 12 | 380/660 V | 7,50 | 10,00 | 132 | | 175,0 | 175,5 | 173,0 | 167,5 | 159,0 | 153,5 | 147,0 | 139,5 | 131,0 | 121,0 | 110,5 | 99,0 | 87,0 | | | |
| NKV 10/13 6 S | 13 | 380/660 V | 7,50 | 10,00 | 132 | | 189,5 | 189,5 | 187,0 | 181,0 | 171,5 | 165,5 | 158,5 | 150,5 | 141,0 | 130,5 | 119,0 | 106,5 | 93,5 | | | |
| NKV 10/15 6 S | 15 | 380/660 V | 11,00 | 15,00 | 160 | | 220,0 | 221,0 | 219,0 | 212,5 | 202,0 | 195,0 | 187,5 | 178,0 | 167,5 | 155,5 | 142,0 | 128,0 | 112,5 | | | |
| NKV 10/17 6 S | 17 | 380/660 V | 11,00 | 15,00 | 160 | | 249,0 | 250,0 | 247,5 | 240,0 | 228,0 | 220,5 | 211,0 | 200,5 | 188,5 | 175,0 | 160,0 | 143,5 | 126,5 | | | |

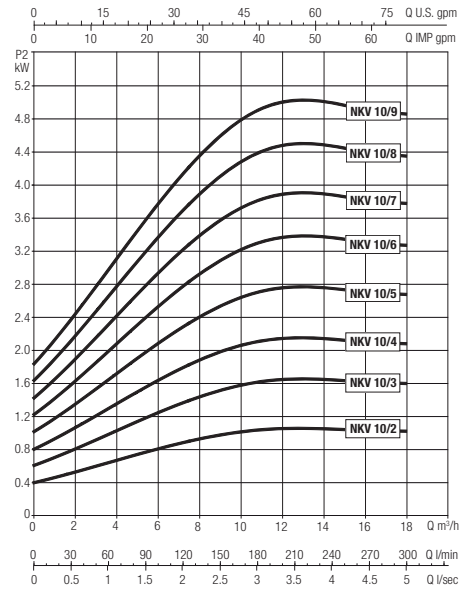
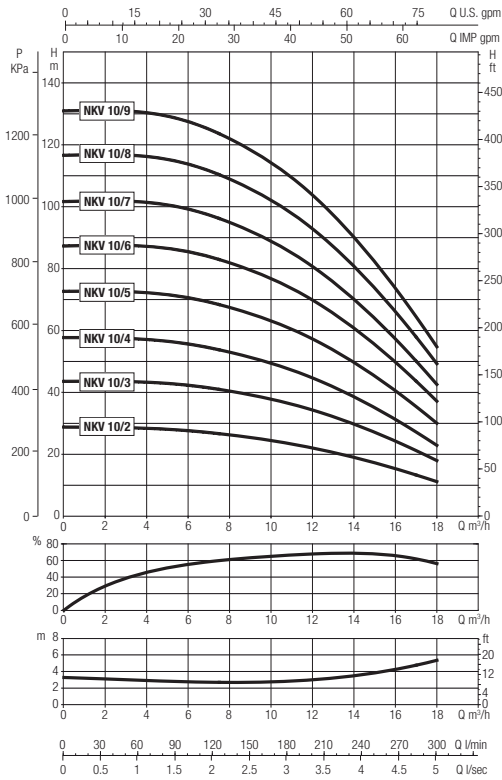
| MODEL | ELECTRICAL DATA | | | | | HYDRAULIC DATA | | | | | | | | | | | | |
|---------------|-----------------|------------------|------------|-------|-----|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|
| | N° IMPELLER | VOLTAGE 60 Hz | P2 NOMINAL | | MEC | Q=m³/h | 0 | 4,8 | 9,6 | 12 | 14,4 | 16,8 | 19,2 | 21,6 | 24 | 26,4 | 28,8 | |
| | | | Q=l/min | 0 | | 80 | 160 | 200 | 240 | 280 | 320 | 360 | 400 | 440 | 480 | | | |
| NKV 15/1 6 S | 1 | 220/380 V | 1,50 | 2,00 | 90 | H (m) | 21,0 | 20,0 | 18,5 | 18,0 | 17,5 | 16,5 | 15,5 | 14,0 | 12,5 | 10,5 | 8,0 | |
| NKV 15/2 6 S | 2 | 380/660 V | 3,00 | 4,00 | 100 | | 42,0 | 40,5 | 37,5 | 36,5 | 35,0 | 33,5 | 31,5 | 29,0 | 25,5 | 21,5 | 16,5 | |
| NKV 15/3 6 S | 3 | 380/660 V | 4,00 | 5,50 | 112 | | 63,5 | 60,5 | 56,5 | 55,0 | 53,0 | 50,5 | 47,5 | 43,5 | 38,5 | 32,0 | 25,0 | |
| NKV 15/4 6 S | 4 | 380/660 V | 5,50 | 7,50 | 132 | | 84,5 | 81,0 | 75,5 | 73,5 | 70,5 | 67,0 | 63,0 | 58,0 | 51,0 | 42,5 | 33,5 | |
| NKV 15/5 6 S | 5 | 380/660 V | 7,50 | 10,00 | 132 | | 106,0 | 101,5 | 95,0 | 92,0 | 88,5 | 84,5 | 79,5 | 73,0 | 64,5 | 54,0 | 42,5 | |
| NKV 15/6 6 S | 6 | 380/660 V | 11,00 | 15,00 | 160 | | 128,0 | 123,5 | 117,0 | 114,0 | 110,0 | 105,5 | 100,5 | 92,5 | 82,5 | 70,5 | 57,5 | |
| NKV 15/7 6 S | 7 | 380/660 V | 11,00 | 15,00 | 160 | | 149,0 | 143,5 | 136,0 | 132,5 | 128,0 | 122,5 | 116,5 | 107,5 | 95,5 | 81,5 | 66,5 | |
| NKV 15/8 6 S | 8 | 380/660 V | 11,00 | 15,00 | 160 | | 170,0 | 164,0 | 155,0 | 151,0 | 145,5 | 139,0 | 132,5 | 122,0 | 108,5 | 92,5 | 75,0 | |
| NKV 15/9 6 S | 9 | 380/660 V | 15,00 | 20,00 | 160 | | 191,5 | 184,5 | 174,0 | 169,5 | 163,5 | 156,5 | 149,0 | 137,0 | 122,0 | 104,0 | 84,5 | |
| NKV 15/10 6 S | 10 | 380/660 V | 15,00 | 20,00 | 160 | | 212,5 | 204,5 | 193,0 | 187,5 | 181,0 | 173,5 | 165,0 | 151,5 | 135,0 | 115,0 | 93,0 | |
| NKV 15/11 6 S | 11 | 380/660 V | 15,00 | 20,00 | 160 | | 233,5 | 224,5 | 211,5 | 206,0 | 198,5 | 190,0 | 180,5 | 166,0 | 147,5 | 125,5 | 101,5 | |
| NKV 15/12 6 S | 12 | 380/660 V | 18,50 | 25,00 | 160 | | 255,0 | 245,5 | 232,0 | 226,0 | 218,0 | 209,0 | 199,0 | 183,0 | 163,0 | 139,0 | 112,5 | |

| MODEL | ELECTRICAL DATA | | | | | HYDRAULIC DATA | | | | | | | | | | | | | | |
|---------------|-----------------|------------------|------------|-------|-----|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|
| | N° IMPELLER | VOLTAGE 60 Hz | P2 NOMINAL | | MEC | Q=m³/h | 0 | 4,8 | 9,6 | 12 | 14,4 | 16,8 | 19,2 | 21,6 | 24 | 26,4 | 28,8 | 31,2 | 33,6 | |
| | | | Q=l/min | 0 | | 80 | 160 | 200 | 240 | 280 | 320 | 360 | 400 | 440 | 480 | 520 | 560 | | | |
| NKV 20/1 6 S | 1 | 220/380 V | 2,20 | 3,00 | 90 | H (m) | 22,5 | 22,0 | 21,0 | 20,5 | 20,0 | 19,5 | 18,5 | 18,0 | 17,0 | 15,5 | 13,5 | 11,5 | 9,5 | |
| NKV 20/2 6 S | 2 | 380/660 V | 4,00 | 5,50 | 112 | | 45,5 | 44,0 | 42,5 | 41,0 | 40,5 | 39,0 | 37,5 | 36,5 | 34,5 | 31,5 | 28,0 | 24,5 | 19,5 | |
| NKV 20/3 6 S | 3 | 380/660 V | 5,50 | 7,50 | 132 | | 68,0 | 66,0 | 63,5 | 61,5 | 60,0 | 58,5 | 56,0 | 54,5 | 51,0 | 47,0 | 41,5 | 36,0 | 29,0 | |
| NKV 20/4 6 S | 4 | 380/660 V | 7,50 | 10,00 | 132 | | 91,0 | 88,0 | 85,0 | 82,5 | 80,5 | 78,0 | 75,0 | 72,5 | 68,5 | 63,0 | 56,0 | 48,5 | 39,5 | |
| NKV 20/5 6 S | 5 | 380/660 V | 11,00 | 15,00 | 160 | | 114,5 | 111,0 | 107,5 | 104,0 | 102,0 | 99,0 | 95,5 | 92,5 | 87,5 | 80,5 | 72,0 | 62,5 | 51,5 | |
| NKV 20/6 6 S | 6 | 380/660 V | 11,00 | 15,00 | 160 | | 137,5 | 134,0 | 130,0 | 127,0 | 124,0 | 121,0 | 117,0 | 114,5 | 108,5 | 100,0 | 89,5 | 77,5 | 64,5 | |
| NKV 20/7 6 S | 7 | 380/660 V | 15,00 | 20,00 | 160 | | 160,0 | 156,5 | 151,5 | 147,5 | 144,0 | 140,5 | 136,5 | 133,5 | 126,0 | 116,5 | 104,0 | 90,5 | 75,0 | |
| NKV 20/8 6 S | 8 | 380/660 V | 15,00 | 20,00 | 160 | | 182,5 | 178,5 | 172,5 | 168,0 | 164,0 | 160,0 | 155,5 | 151,5 | 143,5 | 132,0 | 118,0 | 102,5 | 84,5 | |
| NKV 20/9 6 S | 9 | 380/660 V | 18,50 | 25,00 | 160 | | 206,0 | 201,0 | 195,0 | 190,0 | 185,5 | 181,0 | 176,0 | 172,0 | 162,5 | 150,0 | 134,0 | 117,0 | 96,5 | |
| NKV 20/10 6 S | 10 | 380/660 V | 18,50 | 25,00 | 160 | | 228,5 | 223,0 | 216,0 | 210,5 | 205,5 | 200,5 | 194,5 | 190,0 | 180,0 | 166,0 | 148,0 | 129,0 | 106,5 | |

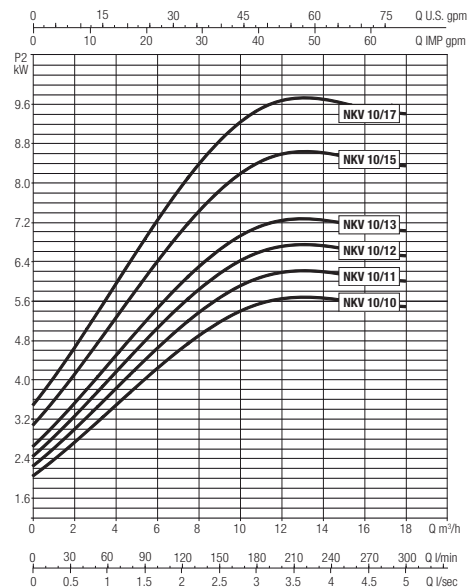
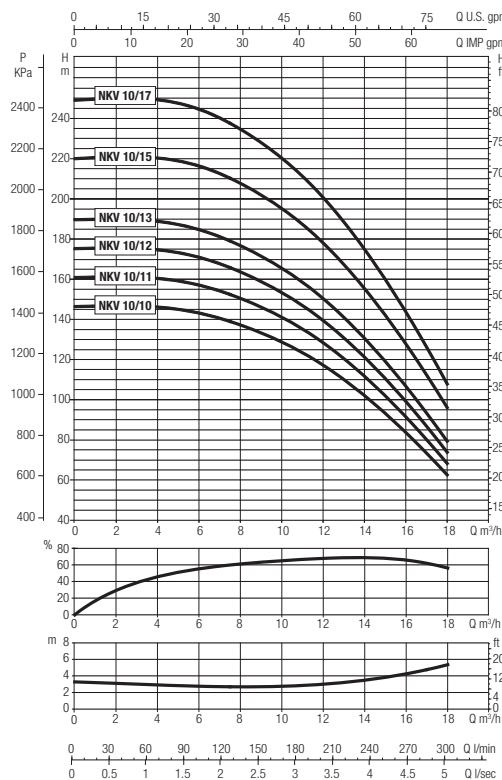
NKV 10 - 15 - 20 S

MULTISTAGE CENTRIFUGAL PUMPS WITH VERTICAL AXIS

NKV 10



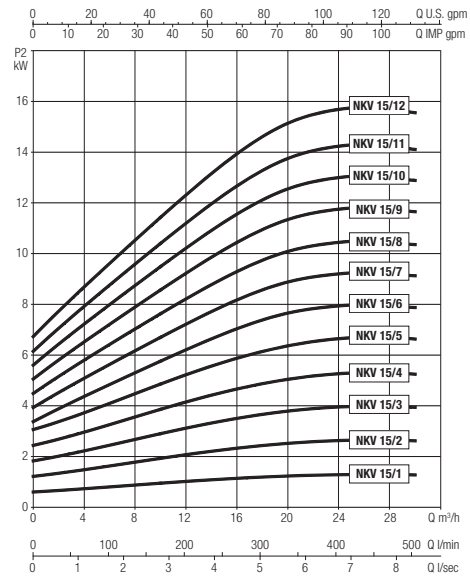
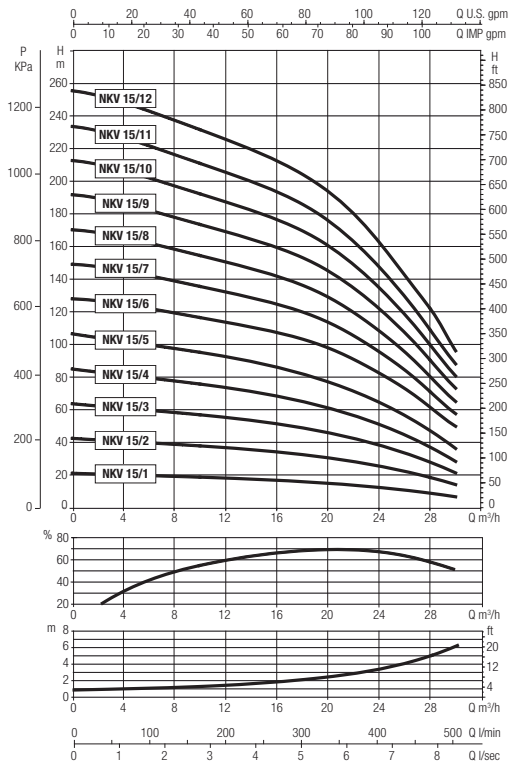
NKV 10



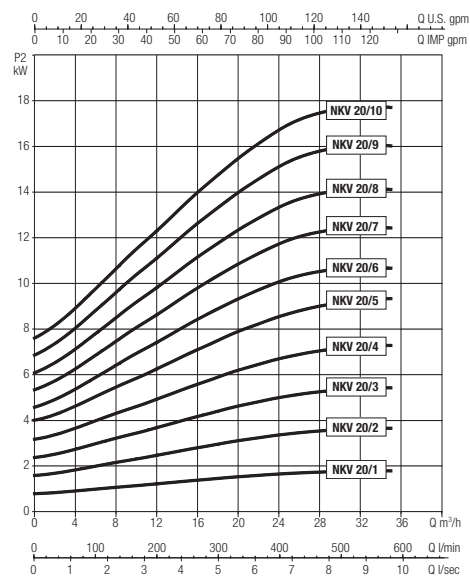
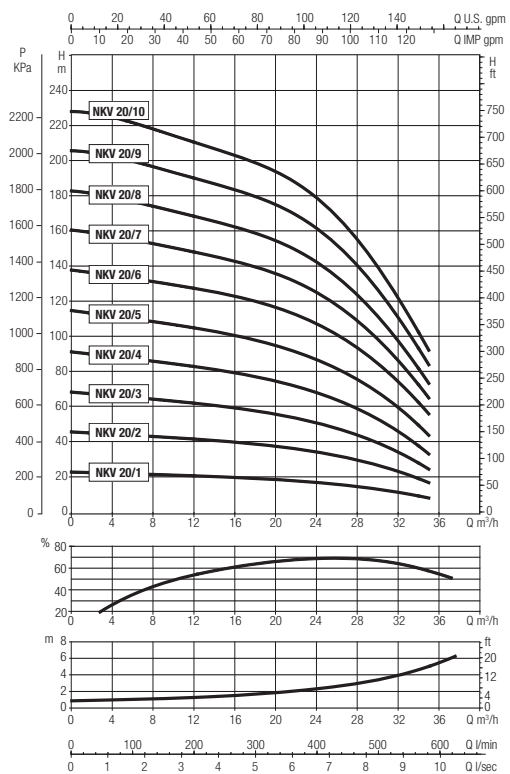
NKV 10 - 15 - 20 S

MULTISTAGE CENTRIFUGAL PUMPS WITH VERTICAL AXIS

NKV 15



NKV 20



NKV 10 - 15 - 20 S

MULTISTAGE CENTRIFUGAL PUMPS WITH VERTICAL AXIS

DIMENSIONS AND WEIGHTS

F Version

T Version

Oval flanges on body type PN16: the pump is supplied without threaded oval counter flanges (Optional accessories, including bolts and joints)

V Version

Connections with rapid fittings type "Victaulic": the pump is supplied without the collars (Optional accessories)

C Version

Connections with round fittings type Clamp-FlexiClamp: the pump is supplied without collars (Optional accessories)

Version **F**: The pump is supplied without counter flanges (optional accessories, including joints and bolts).

| MODEL | DNA | DNM | L1 F mm | L2 mm | L3 T mm | L4 V mm | L5 C mm | M mm | D1 mm | D2 mm | L1+L2 mm | H mm | Interax mm | WEIGHT Kg |
|---------------|-----|-----|---------------|----------|---------------|---------------|---------------|---------|----------|----------|-------------|---------|---------------|--------------|
| NKV 10/2 6 S | 40 | 40 | 341 | 232 | 341 | 341 | 341 | 129 | 160 | 170 | 573 | 573 | 280 | 24,1 |
| NKV 10/3 6 S | 40 | 40 | 381 | 267 | 381 | 381 | 381 | 138 | 180 | 170 | 648 | 648 | 280 | 30,5 |
| NKV 10/4 6 S | 40 | 40 | 411 | 267 | 411 | 411 | 411 | 138 | 180 | 170 | 678 | 678 | 280 | 31,0 |
| NKV 10/5 6 S | 40 | 40 | 451 | 290 | 451 | 451 | 451 | 138 | 180 | 170 | 741 | 741 | 280 | 34,5 |
| NKV 10/6 6 S | 40 | 40 | 481 | 306 | 481 | 481 | 481 | 145 | 196 | 170 | 787 | 787 | 280 | 39,8 |
| NKV 10/7 6 S | 40 | 40 | 511 | 306 | 511 | 511 | 511 | 145 | 196 | 170 | 817 | 817 | 280 | 40,3 |
| NKV 10/8 6 S | 40 | 40 | 716 | 328 | 716 | 716 | 716 | 160 | 225 | 300 | 1044 | 1044 | 280 | 72,0 |
| NKV 10/9 6 S | 40 | 40 | 746 | 328 | 746 | 746 | 746 | 160 | 225 | 300 | 1074 | 1074 | 280 | 72,5 |
| NKV 10/10 6 S | 40 | 40 | 776 | 350 | 776 | 776 | 776 | 160 | 225 | 300 | 1126 | 1126 | 280 | 75,0 |
| NKV 10/11 6 S | 40 | 40 | 806 | 350 | - | 806 | 806 | 160 | 225 | 300 | 1156 | 1156 | 280 | 75,5 |
| NKV 10/12 6 S | 40 | 40 | 836 | 350 | - | 836 | 836 | 160 | 225 | 300 | 1186 | 1186 | 280 | 76,5 |
| NKV 10/13 6 S | 40 | 40 | 866 | 350 | - | 866 | 866 | 160 | 225 | 300 | 1216 | 1216 | 280 | 77,0 |
| NKV 10/15 6 S | 40 | 40 | 946 | 425 | - | 946 | 946 | 194 | 248 | 350 | 1371 | 1371 | 280 | 103,0 |
| NKV 10/17 6 S | 40 | 40 | 1006 | 425 | - | 1006 | 1006 | 194 | 248 | 350 | 1431 | 1431 | 280 | 104,0 |

NKV 10 - 15 - 20 S

MULTISTAGE CENTRIFUGAL PUMPS WITH VERTICAL AXIS

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTISTAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

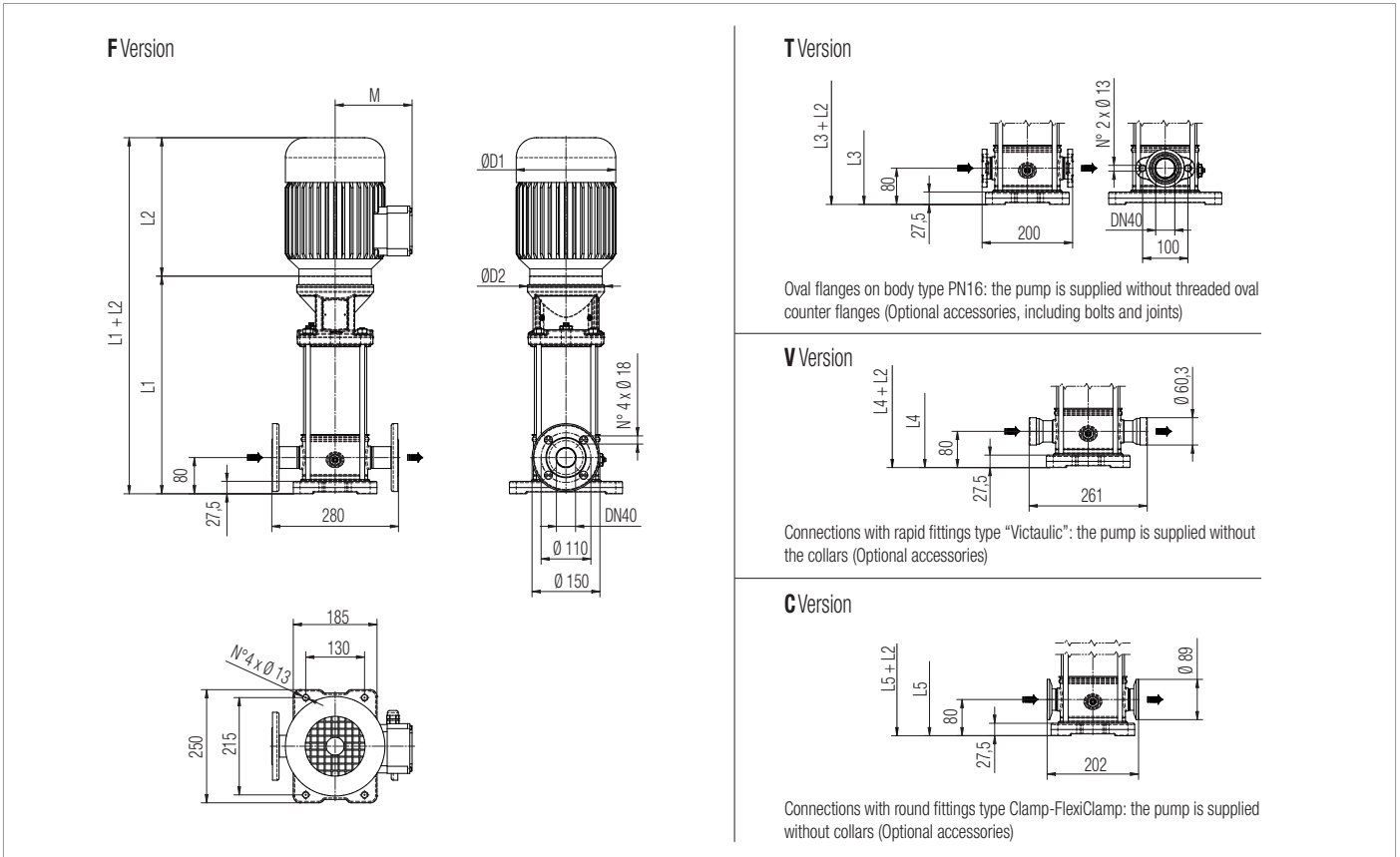
CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

DIMENSIONS AND WEIGHTS



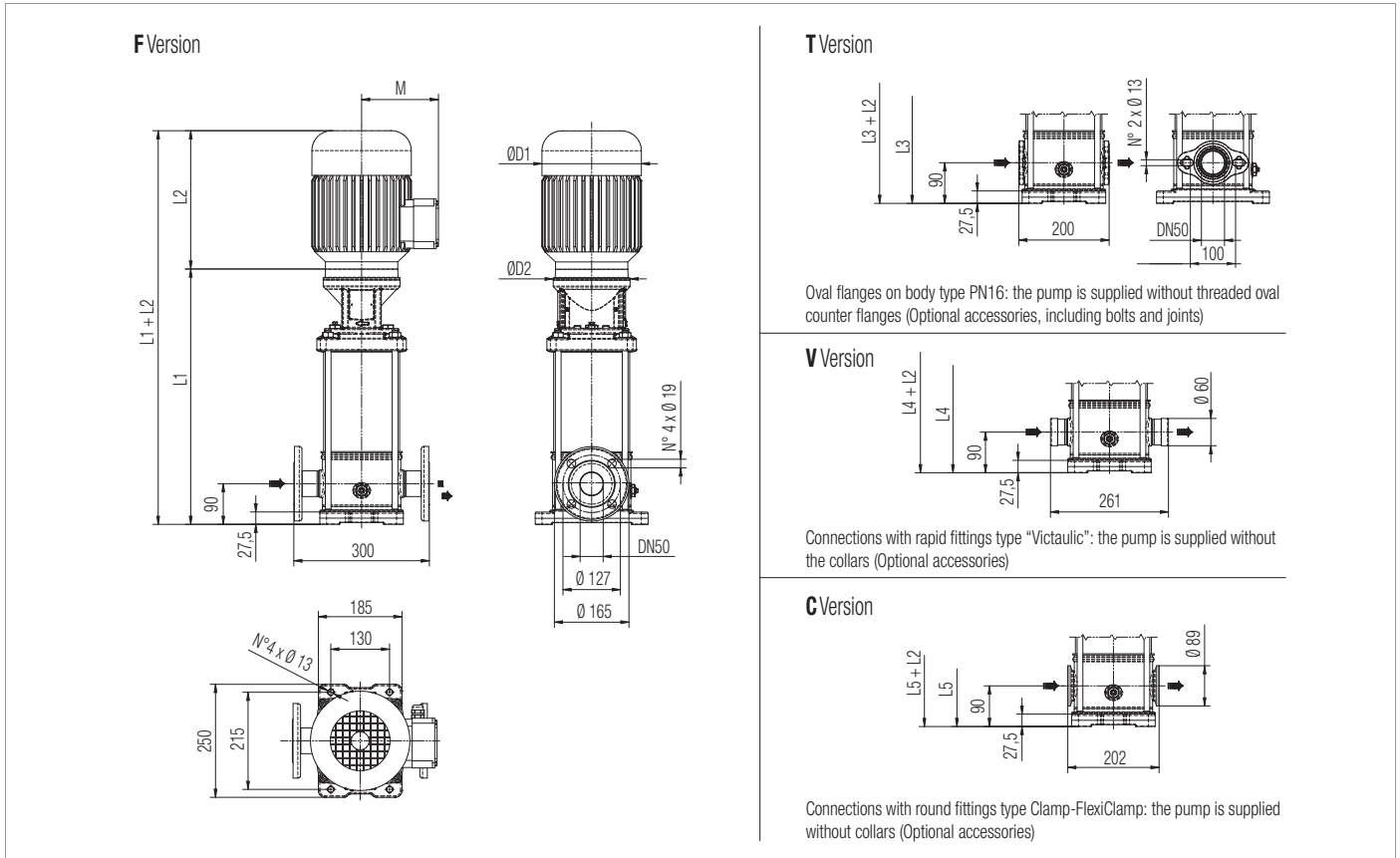
Version **F**: The pump is supplied without counter flanges (optional accessories, including joints and bolts).

| MODEL | DNA | DNM | L1 F mm | L2 mm | L3 T mm | L4 V mm | L5 C mm | M mm | D1 mm | D2 mm | L1+L2 mm | H mm | Interax mm | WEIGHT Kg |
|---------------|-----|-----|---------------|----------|---------------|---------------|---------------|---------|----------|----------|-------------|---------|---------------|--------------|
| NKV 15/1 6 S | 50 | 50 | 411 | 267 | 411 | 411 | 411 | 138 | 180 | 170 | 678 | 678 | 300 | 34,0 |
| NKV 15/2 6 S | 50 | 50 | 421 | 290 | 421 | 421 | 421 | 138 | 180 | 170 | 711 | 711 | 300 | 40,0 |
| NKV 15/3 6 S | 50 | 50 | 469 | 306 | 469 | 469 | 469 | 145 | 196 | 170 | 775 | 775 | 300 | 45,8 |
| NKV 15/4 6 S | 50 | 50 | 704 | 328 | 704 | 704 | 704 | 160 | 225 | 300 | 1032 | 1032 | 300 | 79,0 |
| NKV 15/5 6 S | 50 | 50 | 752 | 350 | 752 | 752 | 752 | 160 | 225 | 300 | 1102 | 1102 | 300 | 82,5 |
| NKV 15/6 6 S | 50 | 50 | 820 | 425 | 820 | 820 | 820 | 194 | 248 | 350 | 1245 | 1245 | 300 | 108,5 |
| NKV 15/7 6 S | 50 | 50 | 868 | 425 | 868 | 868 | 868 | 194 | 248 | 350 | 1293 | 1293 | 300 | 110,0 |
| NKV 15/8 6 S | 50 | 50 | 916 | 425 | - | 916 | 916 | 194 | 248 | 350 | 1341 | 1341 | 300 | 111,5 |
| NKV 15/9 6 S | 50 | 50 | 964 | 476 | - | 964 | 964 | 194 | 248 | 350 | 1440 | 1440 | 300 | 119,0 |
| NKV 15/10 6 S | 50 | 50 | 1012 | 476 | - | 1012 | 1012 | 194 | 248 | 350 | 1488 | 1488 | 300 | 120,0 |
| NKV 15/11 6 S | 50 | 50 | 1060 | 476 | - | 1060 | 1060 | 194 | 248 | 350 | 1536 | 1536 | 300 | 121,5 |
| NKV 15/12 6 S | 50 | 50 | 1108 | 542 | - | 1108 | 1108 | 238 | 317 | 350 | 1650 | 1650 | 300 | 156,5 |

NKV 10 - 15 - 20 S

MULTISTAGE CENTRIFUGAL PUMPS WITH VERTICAL AXIS

DIMENSIONS AND WEIGHTS



Version F: The pump is supplied without counter flanges (optional accessories, including joints and bolts).

| MODEL | DNA | DNM | L1 F mm | L2 mm | L3 T mm | L4 V mm | L5 C mm | M mm | D1 mm | D2 mm | L1+L2 mm | H mm | Interax mm | WEIGHT Kg |
|---------------|-----|-----|---------|-------|---------|---------|---------|------|-------|-------|----------|------|------------|-----------|
| NKV 20/1 6 S | 50 | 50 | 411 | 267 | 411 | 411 | 411 | 138 | 180 | 170 | 678 | 678 | 300 | 36,0 |
| NKV 20/2 6 S | 50 | 50 | 421 | 306 | 421 | 421 | 421 | 145 | 196 | 170 | 727 | 727 | 300 | 44,8 |
| NKV 20/3 6 S | 50 | 50 | 656 | 328 | 656 | 656 | 656 | 160 | 225 | 300 | 984 | 984 | 300 | 77,5 |
| NKV 20/4 6 S | 50 | 50 | 704 | 350 | 704 | 704 | 704 | 160 | 225 | 300 | 1054 | 1054 | 300 | 81,0 |
| NKV 20/5 6 S | 50 | 50 | 772 | 425 | 772 | 772 | 772 | 194 | 248 | 350 | 1197 | 1197 | 300 | 107,0 |
| NKV 20/6 6 S | 50 | 50 | 820 | 425 | 820 | 820 | 820 | 194 | 248 | 350 | 1245 | 1245 | 300 | 108,5 |
| NKV 20/7 6 S | 50 | 50 | 868 | 476 | 868 | 868 | 868 | 194 | 248 | 350 | 1344 | 1344 | 300 | 116,0 |
| NKV 20/8 6 S | 50 | 50 | 916 | 476 | - | 916 | 916 | 194 | 248 | 350 | 1392 | 1392 | 300 | 117,5 |
| NKV 20/9 6 S | 50 | 50 | 964 | 542 | - | 964 | 964 | 238 | 317 | 350 | 1506 | 1506 | 300 | 152,5 |
| NKV 20/10 6 S | 50 | 50 | 1012 | 542 | - | 1012 | 1012 | 238 | 317 | 350 | 1554 | 1554 | 300 | 153,5 |

NKV 32 - 45 - 65 - 95

MULTISTAGE CENTRIFUGAL PUMPS WITH VERTICAL AXIS

HIGH EFFICIENCY MOTORS



DAB's NKV 32, 45, 65, 95 pumps are multi-impeller vertical centrifugal pumps with coupling; designed for pressurisation in civil and commercial environments, they can also be used in agriculture, for the distribution of liquids and in watering systems.

The pumps can be used for the recirculation of water in heating and air conditioning systems.

Pump body and upper flange in cataphoretic paint coated cast iron; impellers, diffusers and pump liner made of AISI 304 stainless steel (AISI 316 stainless steel available on request - X version).

They are particularly versatile, thanks to the centre distance between the 2 in-line ports, designed to maximise interchangeability. Starting from 5.5 kW models, the silicon carbide-graphite mechanical seal can be removed without removing the motor.

Mechanical seals for aggressive liquids and different connections (round, oval, Victaulic, clamp flanges) available on request.

All the AISI 316 stainless steel - X version - models are certified for use with drinking water (WRAS and ACS certified).

Also available rigid coupling to IE3 high energy efficiency electric motors.

Operating range

1 m³/h to 141 m³/h with head up to 284 m

Pumped liquid Clean, free of solids and abrasives, non-viscous, non-aggressive, non-crystallised and chemically neutral.

Maximum glycol content 30%

Supported liquid temperature

-30 °C to +120 °C (EPDM)

-15 °C to +120 °C (Viton/FKM)

Maximum ambient temperature +50° C

Maximum operating pressure bar / kPa

NKV 65, 95: 25 bar / 2500 kPa

NKV 32, 45: 32 bar / 3200 kPa

Motor protection class IP 55

Motor insulation class F

Impeller/s material

AISI 304 stainless steel

AISI 316 for NKV X only on request

Single-phase power supply

Contact our sales network

Three phase power input

IE2:

220-277/380-480 up to 30kW

380-480 D up to 45kW

IE3:

220/380V up to 2,2kW

380/660 V up to 45kW

Special versions on request

Yes, available with different types of mechanical seals for aggressive liquids and connections (round, oval, Victaulic, clamp flanges), **with parts in contact with the liquid in AISI 316 stainless steel (X versions)**, other voltages and frequencies, ATEX version.

TECHNICAL DATA

| MODEL | ELECTRICAL DATA | | | | HYDRAULIC DATA | | | | | | | | | |
|-------------------------------|-----------------|-------------------|------------|-------|----------------|---------------------|-------|-------|-------|-------|-------|-------|-------|-----|
| | N° IMPELLER | VOLTAGE 60 Hz | P2 NOMINAL | | MEC | H (m) | | | | | | | | |
| | | | kW | HP | | Q=m ³ /h | 0 | 18 | 21 | 24 | 27 | 33 | 42 | 48 |
| NKV 32/26-2 T 220-277/380-480 | 2 | 220-277/380-480 V | 5,50 | 7,50 | 132 | Q=l/min | 0 | 300 | 350 | 400 | 450 | 550 | 700 | 800 |
| NKV 32/26 T 220-277/380-480 | 2 | 220-277/380-480 V | 11,00 | 15,00 | 160 | 52,0 | 49,0 | 48,0 | 46,5 | 45,0 | 42 | 33,5 | 27,0 | |
| NKV 32/36-2 T 220-277/380-480 | 3 | 220-277/380-480 V | 11,00 | 15,00 | 160 | 71,0 | 64,0 | 62,5 | 61,5 | 60,0 | 56,5 | 50,5 | 44,0 | |
| NKV 32/36 T 220-277/380-480 | 3 | 220-277/380-480 V | 15,00 | 20,00 | 160 | 88,0 | 81,5 | 80,0 | 78,0 | 75,5 | 70,5 | 59,5 | 50,0 | |
| NKV 32/46-2 T 220-277/380-480 | 4 | 220-277/380-480 V | 15,00 | 20,00 | 160 | 106,0 | 95,0 | 93,5 | 91,5 | 89,5 | 84,0 | 74,5 | 65,0 | |
| NKV 32/46 T 220-277/380-480 | 4 | 220-277/380-480 V | 18,50 | 25,00 | 160 | 123,0 | 112,5 | 110,5 | 108,0 | 104,5 | 98,0 | 83,5 | 71,0 | |
| NKV 32/56-2 T 220-277/380-480 | 5 | 220-277/380-480 V | 18,50 | 25,00 | 160 | 141,0 | 127,0 | 124,5 | 122,0 | 119,0 | 112,5 | 99,5 | 86,5 | |
| NKV 32/56 T 220-277/380-480 | 5 | 220-277/380-480 V | 22,00 | 30,00 | 180 | 158,0 | 144,5 | 142,0 | 138,5 | 134,5 | 126,0 | 108,5 | 92,5 | |
| NKV 32/66-2 T 220-277/380-480 | 6 | 220-277/380-480 V | 22,00 | 30,00 | 180 | 176,0 | 158,0 | 155,0 | 152,0 | 148,0 | 139,5 | 123,5 | 107,5 | |
| NKV 32/66 T 220-277/380-480 | 6 | 220-277/380-480 V | 30,00 | 40,00 | 200 | 193,0 | 175,5 | 172,0 | 168,0 | 163,5 | 153,0 | 132,0 | 113,0 | |
| NKV 32/76-2 T 220-277/380-480 | 7 | 220-277/380-480 V | 30,00 | 40,00 | 200 | 213,0 | 192,5 | 189,0 | 185,5 | 181,5 | 171,5 | 152,5 | 133,5 | |
| NKV 32/76 T 220-277/380-480 | 7 | 220-277/380-480 V | 30,00 | 40,00 | 200 | 230,5 | 210,5 | 207,0 | 202,5 | 197,5 | 185,5 | 162,0 | 140,0 | |
| NKV 32/86-2 T 220-277/380-480 | 8 | 220-277/380-480 V | 30,00 | 40,00 | 200 | 248,5 | 224,5 | 220,5 | 216,0 | 211,0 | 199,5 | 177,0 | 155,0 | |
| NKV 32/86 T 380/480 | 8 | 380-480 V | 37,00 | 50,00 | 200 | 265,5 | 242,5 | 238,0 | 233,0 | 227,0 | 213,5 | 186,5 | 161,5 | |
| | | | | | | 284,0 | 256,5 | 251,5 | 247,0 | 241,5 | 228,0 | 202,0 | 177,0 | |

NKV 32 - 45 - 65 - 95

MULTISTAGE CENTRIFUGAL PUMPS WITH VERTICAL AXIS

TECHNICAL DATA

| MODEL | ELECTRICAL DATA | | | | | HYDRAULIC DATA | | | | | | | | | | | |
|----------------------------------|-----------------|-------------------|------------|-------|-----|----------------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|--|
| | N° IMPELLER | VOLTAGE 60 Hz | P2 NOMINAL | | MEC | Q=m³/h | 0 | 27 | 33 | 42 | 48 | 54 | 60 | 72 | | | |
| | | | kW | HP | | Q=l/min | 0 | 450 | 550 | 700 | 800 | 900 | 1000 | 1200 | | | |
| NKV 45/26-2 T 220-277/380-480/60 | 2 | 220-277/380-480 V | 11,00 | 15,00 | 160 | H (m) | 56,0 | 54,5 | 53,0 | 50,5 | 48,0 | 45 | 40,5 | 31,0 | | | |
| NKV 45/26 T 220-277/380-480/60 | 2 | 220-277/380-480 V | 15,00 | 20,00 | 160 | | 70,5 | 67,5 | 65,5 | 63,0 | 61,0 | 58,0 | 54,5 | 45,5 | | | |
| NKV 45/36-2 T 220-277/380-480/60 | 2 | 220-277/380-480 V | 18,50 | 25,00 | 160 | | 91,5 | 88,0 | 86,0 | 82,0 | 78,5 | 73,5 | 68,0 | 53,5 | | | |
| NKV 45/36 T 220-277/380-480/60 | 3 | 220-277/380-480 V | 18,50 | 25,00 | 160 | | 106,0 | 100,5 | 98,0 | 94,5 | 91,5 | 86,5 | 81,0 | 67,5 | | | |
| NKV 45/46-2 T 220-277/380-480/60 | 3 | 220-277/380-480 V | 22,00 | 30,00 | 180 | | 126,0 | 120,5 | 117,5 | 112,5 | 108,0 | 101,5 | 94,0 | 75,0 | | | |
| NKV 45/46 T 220-277/380-480/60 | 4 | 220-277/380-480 V | 30,00 | 40,00 | 200 | | 142,5 | 136,0 | 133,0 | 128,5 | 124,5 | 118,5 | 111,0 | 93,5 | | | |
| NKV 45/56-2 T 220-277/380-480/60 | 4 | 220-277/380-480 V | 30,00 | 40,00 | 200 | | 163,0 | 156,5 | 153,0 | 147,0 | 141,5 | 133,5 | 124,5 | 101,5 | | | |
| NKV 45/56 T 380/480 | 5 | 380-480 V | 37,00 | 50,00 | 200 | | 178,0 | 170,0 | 166,0 | 160,0 | 155,0 | 147,5 | 138,5 | 116,5 | | | |
| NKV 45/66-2 T 380/480 | 5 | 380-480 V | 37,00 | 50,00 | 200 | | 198,5 | 190,5 | 186,0 | 179,0 | 172,5 | 163,0 | 151,5 | 124,0 | | | |
| NKV 45/66 T 380/480 | 2 | 380-480 V | 37,00 | 50,00 | 200 | | 213,0 | 203,5 | 198,5 | 191,5 | 185,5 | 176,5 | 165,5 | 139,0 | | | |
| NKV 45/76-2 T 380/480 | 2 | 380-480 V | 45,00 | 60,00 | 225 | | 234,0 | 224,5 | 219,5 | 211,0 | 203,5 | 192,5 | 179,5 | 148,0 | | | |
| NKV 45/76 T 380/480 | 2 | 380-480 V | 45,00 | 60,00 | 225 | | 249,0 | 237,5 | 232,0 | 224,0 | 217,0 | 206,5 | 193,5 | 162,5 | | | |

| MODEL | ELECTRICAL DATA | | | | | HYDRAULIC DATA | | | | | | | | | | | |
|----------------------------------|-----------------|-------------------|------------|-------|-----|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|
| | N° IMPELLER | VOLTAGE 60 Hz | P2 NOMINAL | | MEC | Q=m³/h | 0 | 36 | 43 | 50 | 54 | 65 | 72 | 86 | 93 | 102 | |
| | | | kW | HP | | Q=l/min | 0 | 600 | 717 | 833 | 900 | 1083 | 1200 | 1433 | 1550 | 1700 | |
| NKV 65/26-2 T 220-277/380-480/60 | 2 | 220-277/380-480 V | 15,00 | 20,00 | 160 | H (m) | 57,0 | 55,0 | 53,5 | 52,5 | 51,5 | 49 | 45,5 | 38,0 | 33,5 | 26,5 | |
| NKV 65/26-1 T 220-277/380-480/60 | 2 | 220-277/380-480 V | 18,50 | 25,00 | 160 | | 69,0 | 64,5 | 63,0 | 61,5 | 60,5 | 58,0 | 55,5 | 49,0 | 45,0 | 38,5 | |
| NKV 65/26 T 220-277/380-480/60 | 2 | 220-277/380-480 V | 22,00 | 30,00 | 180 | | 81,5 | 73,5 | 71,5 | 70,0 | 69,0 | 66,5 | 64,5 | 59,5 | 56,0 | 50,0 | |
| NKV 65/36-2 T 220-277/380-480/60 | 3 | 220-277/380-480 V | 22,00 | 30,00 | 180 | | 97,0 | 91,0 | 89,0 | 87,0 | 85,5 | 81,5 | 77,5 | 67,0 | 60,5 | 51,0 | |
| NKV 65/36 T 220-277/380-480/60 | 3 | 220-277/380-480 V | 30,00 | 40,00 | 200 | | 123,0 | 112,0 | 109,0 | 106,5 | 105,0 | 101,5 | 99,0 | 91,5 | 86,0 | 77,5 | |
| NKV 65/46-2 T 380-480D/60 | 4 | 380-480 V | 37,00 | 50,00 | 200 | | 139,5 | 130,0 | 127,0 | 124,5 | 122,5 | 117,0 | 112,5 | 99,5 | 92,0 | 79,0 | |
| NKV 65/46 T 380-480D/60 | 4 | 380-480 V | 45,00 | 60,00 | 225 | | 164,5 | 149,0 | 145,0 | 142,5 | 140,5 | 135,0 | 132,0 | 122,0 | 115,0 | 103,5 | |
| NKV 65/56-2 T 380-480D/60 | 5 | 380-480 V | 45,00 | 60,00 | 225 | | 180,5 | 167,0 | 163,0 | 160,0 | 157,5 | 151,0 | 145,5 | 130,0 | 120,5 | 105,0 | |
| NKV 65/56-1 T 380-480D/60 | 5 | 380-480 V | 45,00 | 60,00 | 225 | | 192,5 | 176,5 | 172,0 | 168,5 | 166,0 | 159,5 | 155,0 | 141,0 | 132,0 | 116,5 | |

| MODEL | ELECTRICAL DATA | | | | | HYDRAULIC DATA | | | | | | | | | | | |
|----------------------------------|-----------------|-------------------|------------|-------|-----|----------------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|--|
| | N° IMPELLER | VOLTAGE 60 Hz | P2 NOMINAL | | MEC | Q=m³/h | 0 | 54 | 65 | 72 | 86 | 93 | 102 | 115 | 130 | 141 | |
| | | | kW | HP | | Q=l/min | 0 | 900 | 1083 | 1200 | 1433 | 1550 | 1700 | 1917 | 2167 | 2350 | |
| NKV 95/26-2 T 220-277/380-480/60 | 2 | 220-277/380-480 V | 18,50 | 25,00 | 160 | H (m) | 64,5 | 62,0 | 60,5 | 59,0 | 55,5 | 53 | 48,5 | 41,5 | 31,0 | 22,0 | |
| NKV 95/26-1 T 220-277/380-480/60 | 2 | 220-277/380-480 V | 22,00 | 30,00 | 180 | | 77,0 | 71,0 | 68,5 | 66,5 | 63,0 | 60,5 | 57,0 | 50,0 | 40,5 | 32,0 | |
| NKV 95/26 T 220-277/380-480/60 | 2 | 220-277/380-480 V | 30,00 | 40,00 | 200 | | 90,5 | 81,5 | 78,5 | 76,0 | 72,5 | 70,5 | 67,0 | 61,5 | 52,5 | 44,5 | |
| NKV 95/36-2 T 380-480D/60 | 3 | 380-480 V | 37,00 | 50,00 | 200 | | 110,5 | 103,5 | 100,5 | 98,5 | 93,0 | 89,5 | 83,5 | 73,5 | 58,5 | 45,5 | |
| NKV 95/36-1 T 380-480D/60 | 3 | 380-480 V | 37,00 | 50,00 | 200 | | 123,0 | 113,0 | 109,0 | 106,0 | 100,5 | 97,0 | 92,0 | 82,5 | 68,0 | 56,0 | |
| NKV 95/36 T 380-480D/60 | 4 | 380-480 V | 45,00 | 60,00 | 225 | | 136,0 | 122,5 | 117,5 | 114,0 | 108,5 | 105,5 | 101,0 | 92,0 | 78,5 | 67,0 | |
| NKV 95/46-2 T 380-480D/60 | 4 | 380-480 V | 45,00 | 60,00 | 225 | | 155,5 | 144,5 | 139,5 | 136,0 | 129,0 | 124,0 | 117,0 | 104,0 | 84,5 | 67,5 | |

NKV 32 - 45 - 65 - 95

MULTISTAGE CENTRIFUGAL PUMPS WITH VERTICAL AXIS

TECHNICAL DATA - IE3 MOTORS

| MODEL | ELECTRICAL DATA | | | | | HYDRAULIC DATA | | | | | | | | | | | | |
|-------------------------------|-----------------|------------------|------------|-------|-----|----------------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|--|--|
| | N° IMPELLER | VOLTAGE 60 Hz | P2 NOMINAL | | MEC | Q=m³/h | 0 | 18 | 21 | 24 | 27 | 33 | 42 | 48 | | | | |
| | | | kW | HP | | Q=l/min | 0 | 300 | 350 | 400 | 450 | 550 | 700 | 800 | | | | |
| NKV 32/26-2 T 220-277/380-480 | 2 | 380/660 V | 5,50 | 7,50 | 132 | H (m) | 52,0 | 49,0 | 48,0 | 46,5 | 45,0 | 42 | 33,5 | 27,0 | | | | |
| NKV 32/26 T 220-277/380-480 | 2 | 380/660 V | 11,00 | 15,00 | 160 | | 71,0 | 64,0 | 62,5 | 61,5 | 60,0 | 56,5 | 50,5 | 44,0 | | | | |
| NKV 32/36-2 T 220-277/380-480 | 3 | 380/660 V | 11,00 | 15,00 | 160 | | 88,0 | 81,5 | 80,0 | 78,0 | 75,5 | 70,5 | 59,5 | 50,0 | | | | |
| NKV 32/36 T 220-277/380-480 | 3 | 380/660 V | 15,00 | 20,00 | 160 | | 106,0 | 95,0 | 93,5 | 91,5 | 89,5 | 84,0 | 74,5 | 65,0 | | | | |
| NKV 32/46-2 T 220-277/380-480 | 4 | 380/660 V | 15,00 | 20,00 | 160 | | 123,0 | 112,5 | 110,5 | 108,0 | 104,5 | 98,0 | 83,5 | 71,0 | | | | |
| NKV 32/46 T 220-277/380-480 | 4 | 380/660 V | 18,50 | 25,00 | 160 | | 141,0 | 127,0 | 124,5 | 122,0 | 119,0 | 112,5 | 99,5 | 86,5 | | | | |
| NKV 32/56-2 T 220-277/380-480 | 5 | 380/660 V | 18,50 | 25,00 | 160 | | 158,0 | 144,5 | 142,0 | 138,5 | 134,5 | 126,0 | 108,5 | 92,5 | | | | |
| NKV 32/56 T 220-277/380-480 | 5 | 380/660 V | 22,00 | 30,00 | 180 | | 176,0 | 158,0 | 155,0 | 152,0 | 148,0 | 139,5 | 123,5 | 107,5 | | | | |
| NKV 32/66-2 T 220-277/380-480 | 6 | 380/660 V | 22,00 | 30,00 | 180 | | 193,0 | 175,5 | 172,0 | 168,0 | 163,5 | 153,0 | 132,0 | 113,0 | | | | |
| NKV 32/66 T 220-277/380-480 | 6 | 380/660 V | 30,00 | 40,00 | 200 | | 213,0 | 192,5 | 189,0 | 185,5 | 181,5 | 171,5 | 152,5 | 133,5 | | | | |
| NKV 32/76-2 T 220-277/380-480 | 7 | 380/660 V | 30,00 | 40,00 | 200 | | 230,5 | 210,5 | 207,0 | 202,5 | 197,5 | 185,5 | 162,0 | 140,0 | | | | |
| NKV 32/76 T 220-277/380-480 | 7 | 380/660 V | 30,00 | 40,00 | 200 | | 248,5 | 224,5 | 220,5 | 216,0 | 211,0 | 199,5 | 177,0 | 155,0 | | | | |
| NKV 32/86-2 T 220-277/380-480 | 8 | 380/660 V | 30,00 | 40,00 | 200 | | 265,5 | 242,5 | 238,0 | 233,0 | 227,0 | 213,5 | 186,5 | 161,5 | | | | |
| NKV 32/86 T 380/480 | 8 | 380/660 V | 37,00 | 50,00 | 200 | | 284,0 | 256,5 | 251,5 | 247,0 | 241,5 | 228,0 | 202,0 | 177,0 | | | | |

| MODEL | ELECTRICAL DATA | | | | | HYDRAULIC DATA | | | | | | | | | | | | |
|----------------------------------|-----------------|------------------|------------|-------|-----|----------------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|--|--|
| | N° IMPELLER | VOLTAGE 60 Hz | P2 NOMINAL | | MEC | Q=m³/h | 0 | 27 | 33 | 42 | 48 | 54 | 60 | 72 | | | | |
| | | | kW | HP | | Q=l/min | 0 | 450 | 550 | 700 | 800 | 900 | 1000 | 1200 | | | | |
| NKV 45/26-2 T 220-277/380-480/60 | 2 | 380/660 V | 11,00 | 15,00 | 160 | H (m) | 56,0 | 54,5 | 53,0 | 50,5 | 48,0 | 45 | 40,5 | 31,0 | | | | |
| NKV 45/26 T 220-277/380-480/60 | 2 | 380/660 V | 15,00 | 20,00 | 160 | | 70,5 | 67,5 | 65,5 | 63,0 | 61,0 | 58,0 | 54,5 | 45,5 | | | | |
| NKV 45/36-2 T 220-277/380-480/60 | 2 | 380/660 V | 18,50 | 25,00 | 160 | | 91,5 | 88,0 | 86,0 | 82,0 | 78,5 | 73,5 | 68,0 | 53,5 | | | | |
| NKV 45/36 T 220-277/380-480/60 | 3 | 380/660 V | 18,50 | 25,00 | 160 | | 106,0 | 100,5 | 98,0 | 94,5 | 91,5 | 86,5 | 81,0 | 67,5 | | | | |
| NKV 45/46-2 T 220-277/380-480/60 | 3 | 380/660 V | 22,00 | 30,00 | 180 | | 126,0 | 120,5 | 117,5 | 112,5 | 108,0 | 101,5 | 94,0 | 75,0 | | | | |
| NKV 45/46 T 220-277/380-480/60 | 4 | 380/660 V | 30,00 | 40,00 | 200 | | 142,5 | 136,0 | 133,0 | 128,5 | 124,5 | 118,5 | 111,0 | 93,5 | | | | |
| NKV 45/56-2 T 220-277/380-480/60 | 4 | 380/660 V | 30,00 | 40,00 | 200 | | 163,0 | 156,5 | 153,0 | 147,0 | 141,5 | 133,5 | 124,5 | 101,5 | | | | |
| NKV 45/56 T 380/480 | 5 | 380/660 V | 37,00 | 50,00 | 200 | | 178,0 | 170,0 | 166,0 | 160,0 | 155,0 | 147,5 | 138,5 | 116,5 | | | | |
| NKV 45/66-2 T 380/480 | 5 | 380/660 V | 37,00 | 50,00 | 200 | | 198,5 | 190,5 | 186,0 | 179,0 | 172,5 | 163,0 | 151,5 | 124,0 | | | | |
| NKV 45/66 T 380/480 | 2 | 380/660 V | 37,00 | 50,00 | 200 | | 213,0 | 203,5 | 198,5 | 191,5 | 185,5 | 176,5 | 165,5 | 139,0 | | | | |
| NKV 45/76-2 T 380/480 | 2 | 380/660 V | 45,00 | 60,00 | 225 | | 234,0 | 224,5 | 219,5 | 211,0 | 203,5 | 192,5 | 179,5 | 148,0 | | | | |
| NKV 45/76 T 380/480 | 2 | 380/660 V | 45,00 | 60,00 | 225 | | 249,0 | 237,5 | 232,0 | 224,0 | 217,0 | 206,5 | 193,5 | 162,5 | | | | |

NKV 32 - 45 - 65 - 95

MULTISTAGE CENTRIFUGAL PUMPS WITH VERTICAL AXIS

TECHNICAL DATA - IE3 MOTORS

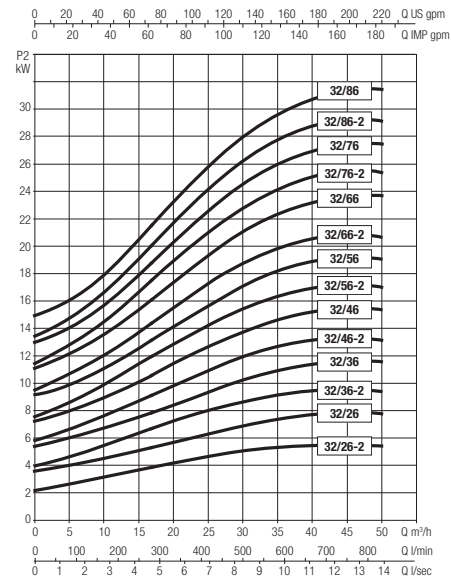
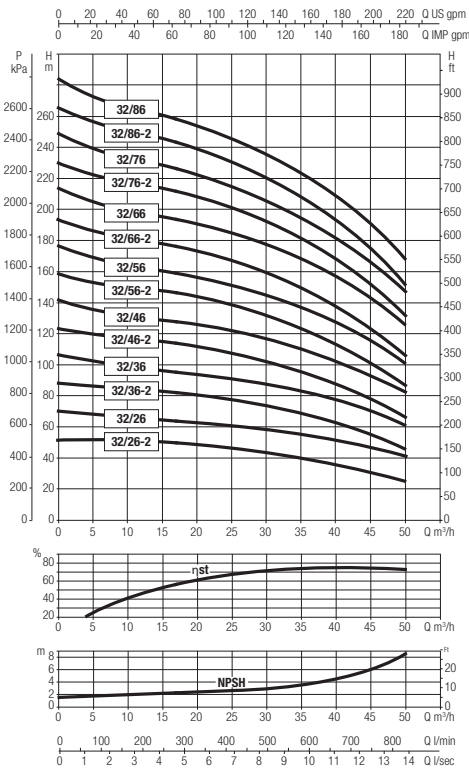
| MODEL | ELECTRICAL DATA | | | | HYDRAULIC DATA | | | | | | | | | | | | |
|----------------------------------|-----------------|------------------|------------|-------|----------------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|
| | N° IMPELLER | VOLTAGE 60 Hz | P2 NOMINAL | | MEC | Q=m³/h | 0 | 36 | 43 | 50 | 54 | 65 | 72 | 86 | 93 | 102 | |
| | | | kW | HP | | Q=l/min | 0 | 600 | 717 | 833 | 900 | 1083 | 1200 | 1433 | 1550 | 1700 | |
| NKV 65/26-2 T 220-277/380-480/60 | 2 | 380/660 V | 15,00 | 20,00 | 160 | H (m) | 57,0 | 55,0 | 53,5 | 52,5 | 51,5 | 49 | 45,5 | 38,0 | 33,5 | 26,5 | |
| NKV 65/26-1 T 220-277/380-480/60 | 2 | 380/660 V | 18,50 | 25,00 | 160 | | 69,0 | 64,5 | 63,0 | 61,5 | 60,5 | 58,0 | 55,5 | 49,0 | 45,0 | 38,5 | |
| NKV 65/26 T 220-277/380-480/60 | 2 | 380/660 V | 22,00 | 30,00 | 180 | | 81,5 | 73,5 | 71,5 | 70,0 | 69,0 | 66,5 | 64,5 | 59,5 | 56,0 | 50,0 | |
| NKV 65/36-2 T 220-277/380-480/60 | 3 | 380/660 V | 22,00 | 30,00 | 180 | | 97,0 | 91,0 | 89,0 | 87,0 | 85,5 | 81,5 | 77,5 | 67,0 | 60,5 | 51,0 | |
| NKV 65/36 T 220-277/380-480/60 | 3 | 380/660 V | 30,00 | 40,00 | 200 | | 123,0 | 112,0 | 109,0 | 106,5 | 105,0 | 101,5 | 99,0 | 91,5 | 86,0 | 77,5 | |
| NKV 65/46-2 T 380-480D/60 | 4 | 380/660 V | 37,00 | 50,00 | 200 | | 139,5 | 130,0 | 127,0 | 124,5 | 122,5 | 117,0 | 112,5 | 99,5 | 92,0 | 79,0 | |
| NKV 65/46 T 380-480D/60 | 4 | 380/660 V | 45,00 | 60,00 | 225 | | 164,5 | 149,0 | 145,0 | 142,5 | 140,5 | 135,0 | 132,0 | 122,0 | 115,0 | 103,5 | |
| NKV 65/56-2 T 380-480D/60 | 5 | 380/660 V | 45,00 | 60,00 | 225 | | 180,5 | 167,0 | 163,0 | 160,0 | 157,5 | 151,0 | 145,5 | 130,0 | 120,5 | 105,0 | |
| NKV 65/56-1 T 380-480D/60 | 5 | 380/660 V | 45,00 | 60,00 | 225 | | 192,5 | 176,5 | 172,0 | 168,5 | 166,0 | 159,5 | 155,0 | 141,0 | 132,0 | 116,5 | |

| MODEL | ELECTRICAL DATA | | | | HYDRAULIC DATA | | | | | | | | | | | | |
|----------------------------------|-----------------|------------------|------------|-------|----------------|----------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|--|
| | N° IMPELLER | VOLTAGE 60 Hz | P2 NOMINAL | | MEC | Q=m³/h | 0 | 54 | 65 | 72 | 86 | 93 | 102 | 115 | 130 | 141 | |
| | | | kW | HP | | Q=l/min | 0 | 900 | 1083 | 1200 | 1433 | 1550 | 1700 | 1917 | 2167 | 2350 | |
| NKV 95/26-2 T 220-277/380-480/60 | 2 | 380/660 V | 18,50 | 25,00 | 160 | H (m) | 64,5 | 62,0 | 60,5 | 59,0 | 55,5 | 53 | 48,5 | 41,5 | 31,0 | 22,0 | |
| NKV 95/26-1 T 220-277/380-480/60 | 2 | 380/660 V | 22,00 | 30,00 | 180 | | 77,0 | 71,0 | 68,5 | 66,5 | 63,0 | 60,5 | 57,0 | 50,0 | 40,5 | 32,0 | |
| NKV 95/26 T 220-277/380-480/60 | 2 | 380/660 V | 30,00 | 40,00 | 200 | | 90,5 | 81,5 | 78,5 | 76,0 | 72,5 | 70,5 | 67,0 | 61,5 | 52,5 | 44,5 | |
| NKV 95/36-2 T 380-480D/60 | 3 | 380/660 V | 37,00 | 50,00 | 200 | | 110,5 | 103,5 | 100,5 | 98,5 | 93,0 | 89,5 | 83,5 | 73,5 | 58,5 | 45,5 | |
| NKV 95/36-1 T 380-480D/60 | 3 | 380/660 V | 37,00 | 50,00 | 200 | | 123,0 | 113,0 | 109,0 | 106,0 | 100,5 | 97,0 | 92,0 | 82,5 | 68,0 | 56,0 | |
| NKV 95/36 T 380-480D/60 | 4 | 380/660 V | 45,00 | 60,00 | 225 | | 136,0 | 122,5 | 117,5 | 114,0 | 108,5 | 105,5 | 101,0 | 92,0 | 78,5 | 67,0 | |
| NKV 95/46-2 T 380-480D/60 | 4 | 380/660 V | 45,00 | 60,00 | 225 | | 155,5 | 144,5 | 139,5 | 136,0 | 129,0 | 124,0 | 117,0 | 104,0 | 84,5 | 67,5 | |

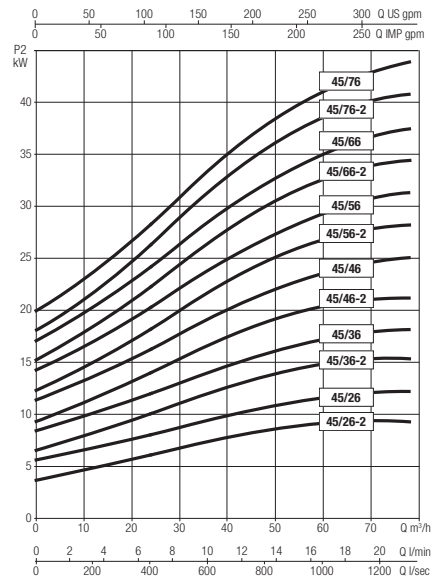
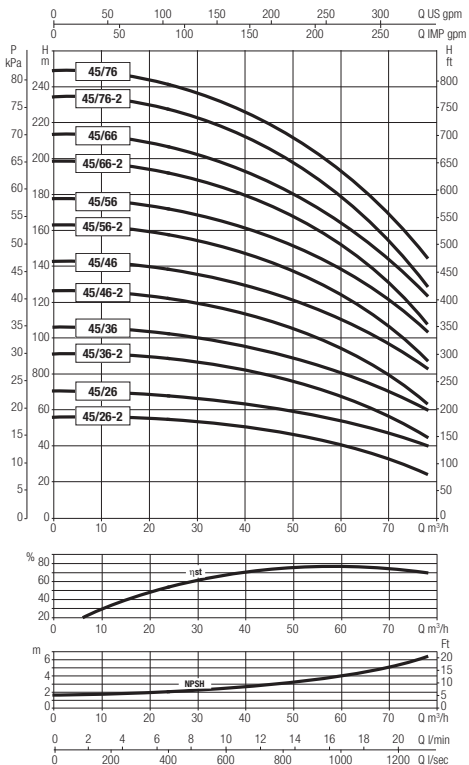
NKV 32 - 45 - 65 - 95

MULTISTAGE CENTRIFUGAL PUMPS WITH VERTICAL AXIS

NKV 32



NKV 45



NKV 32 - 45 - 65 - 95

MULTISTAGE CENTRIFUGAL PUMPS WITH VERTICAL AXIS

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTISTAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

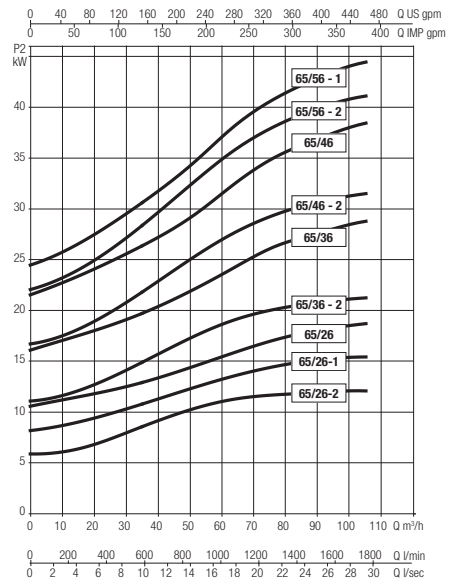
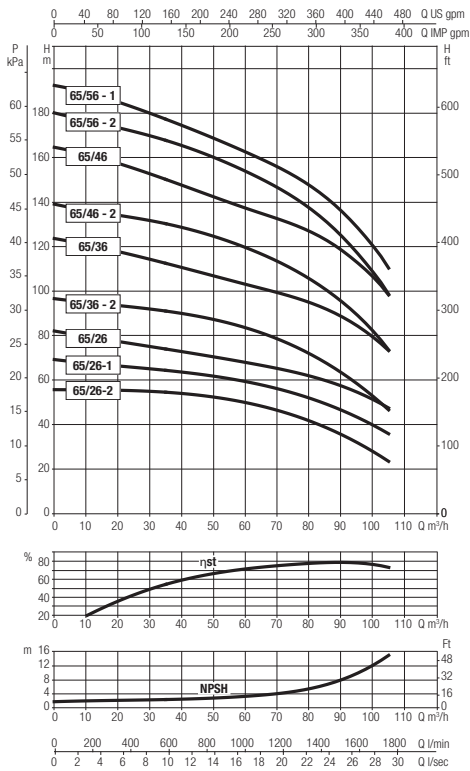
CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

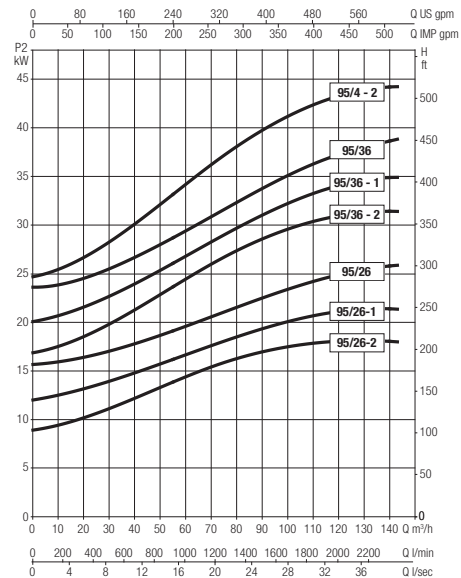
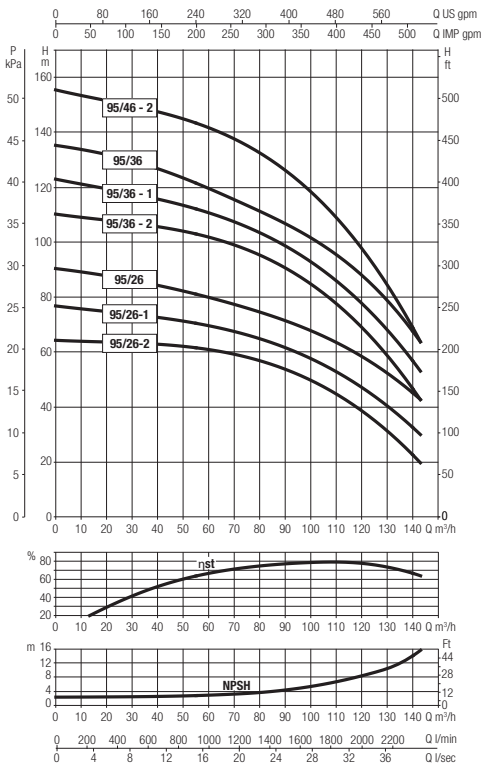
SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

NKV 65



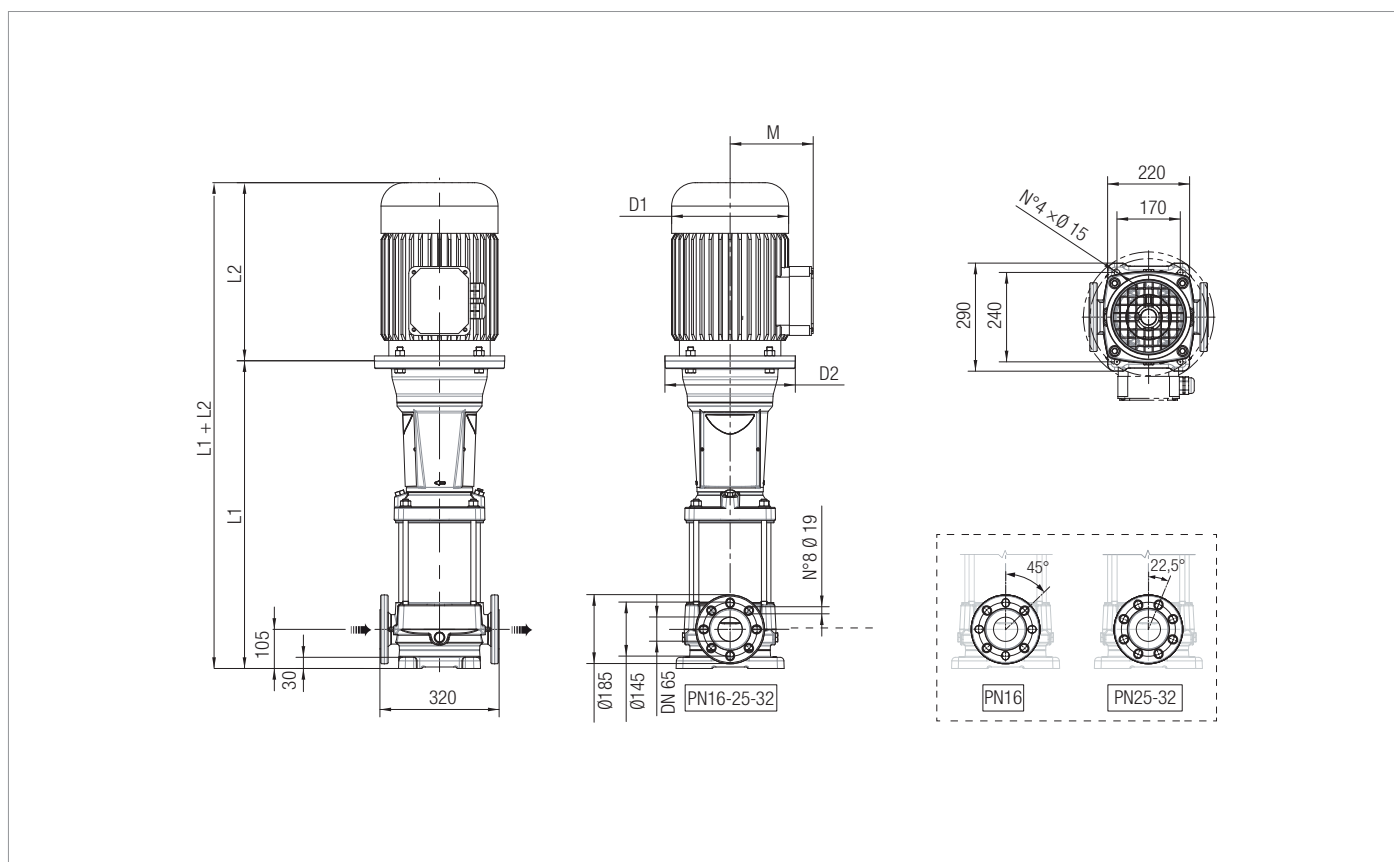
NKV 95



NKV 32 - 45 - 65 - 95

MULTISTAGE CENTRIFUGAL PUMPS WITH VERTICAL AXIS

DIMENSIONS AND WEIGHTS



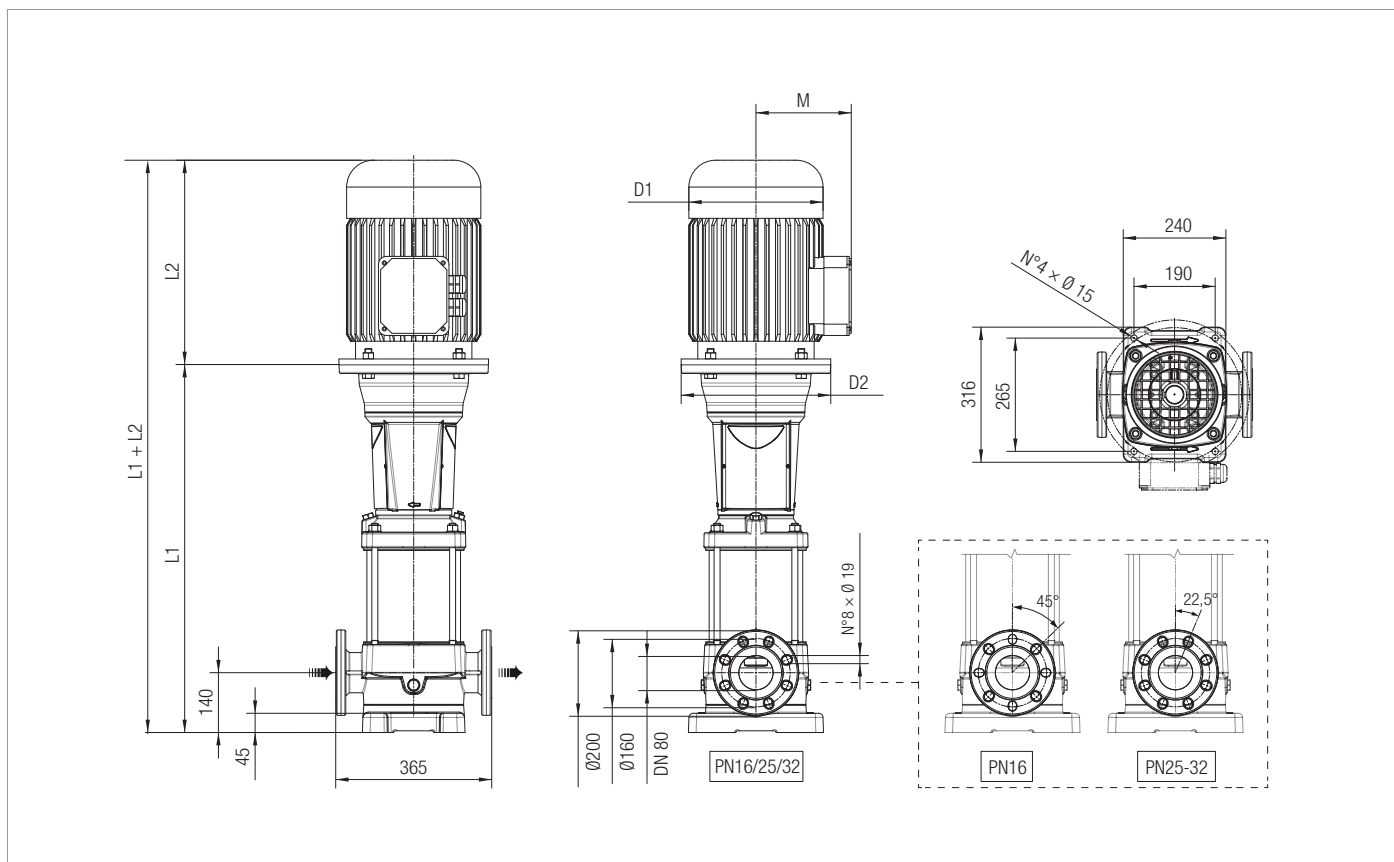
Version F: The pump is supplied without counter flanges (optional accessories, including joints and bolts).

| MODEL | DNA | DNM | L1 mm | L2 mm | M mm | D1 mm | D2 mm | L1+L2 mm | H mm | Interax mm | WEIGHT Kg |
|-------------------------------|-----|-----|-------|-------|------|-------|-------|----------|------|------------|-----------|
| NKV 32/26-2 T 220-277/380-480 | 65 | 65 | 724 | 328 | 161 | 225 | 300 | 1052 | 1052 | 320 | 108,5 |
| NKV 32/26 T 220-277/380-480 | 65 | 65 | 744 | 425 | 198 | 248 | 350 | 1169 | 1169 | 320 | 135,5 |
| NKV 32/36-2 T 220-277/380-480 | 65 | 65 | 826 | 425 | 198 | 248 | 350 | 1251 | 1251 | 320 | 139,5 |
| NKV 32/36 T 220-277/380-480 | 65 | 65 | 826 | 476 | 198 | 248 | 350 | 1302 | 1302 | 320 | 145,5 |
| NKV 32/46-2 T 220-277/380-480 | 65 | 65 | 908 | 476 | 198 | 248 | 350 | 1384 | 1384 | 320 | 149,5 |
| NKV 32/46 T 220-277/380-480 | 65 | 65 | 908 | 542 | 238 | 317 | 350 | 1450 | 1450 | 320 | 183,5 |
| NKV 32/56-2 T 220-277/380-480 | 65 | 65 | 990 | 542 | 238 | 317 | 350 | 1532 | 1532 | 320 | 187,5 |
| NKV 32/56 T 220-277/380-480 | 65 | 65 | 990 | 542 | 238 | 317 | 350 | 1532 | 1532 | 320 | 198,5 |
| NKV 32/66-2 T 220-277/380-480 | 65 | 65 | 1072 | 542 | 238 | 317 | 350 | 1614 | 1614 | 320 | 202,5 |
| NKV 32/66 T 220-277/380-480 | 65 | 65 | 1077 | 658 | 300 | 399 | 400 | 1735 | 1735 | 320 | 324,5 |
| NKV 32/76-2 T 220-277/380-480 | 65 | 65 | 1159 | 658 | 300 | 399 | 400 | 1817 | 1817 | 320 | 328,5 |
| NKV 32/76 T 220-277/380-480 | 65 | 65 | 1159 | 658 | 300 | 399 | 400 | 1817 | 1817 | 320 | 328,5 |
| NKV 32/86-2 T 220-277/380-480 | 65 | 65 | 1241 | 658 | 300 | 399 | 400 | 1899 | 1899 | 320 | 332,5 |
| NKV 32/86 T 380/480 | 65 | 65 | 1241 | 658 | 300 | 399 | 400 | 1899 | 1899 | 320 | 346,5 |

NKV 32 - 45 - 65 - 95

MULTISTAGE CENTRIFUGAL PUMPS WITH VERTICAL AXIS

DIMENSIONS AND WEIGHTS



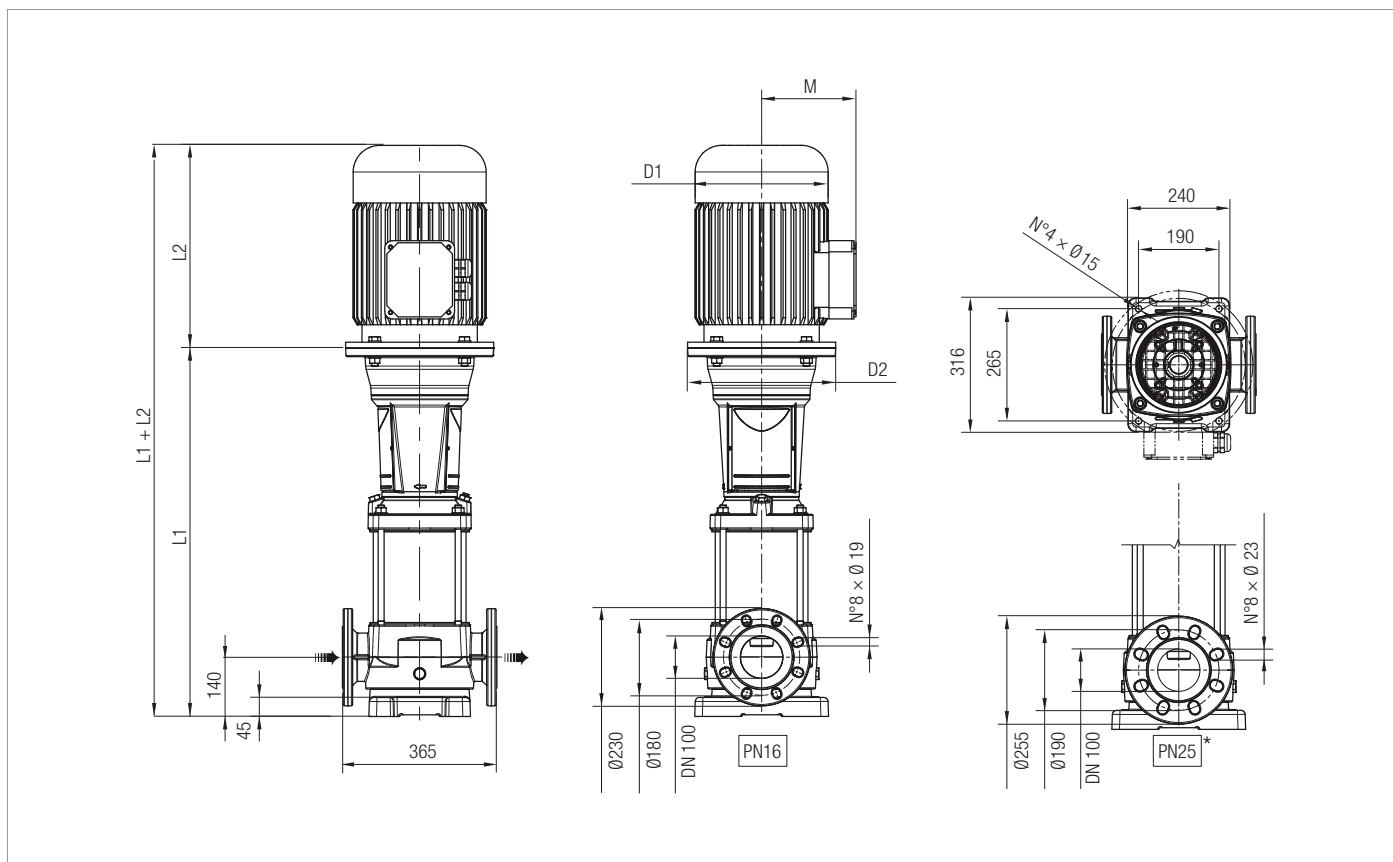
Version F: The pump is supplied without counter flanges (optional accessories, including joints and bolts).

| MODEL | DNA | DNM | L1 mm | L2 mm | M mm | D1 mm | D2 mm | L1+L2 mm | H mm | Interax mm | WEIGHT Kg |
|----------------------------------|-----|-----|-------|-------|------|-------|-------|----------|------|------------|-----------|
| NKV 45/26-2 T 220-277/380-480/60 | 80 | 80 | 779 | 425 | 198 | 248 | 350 | 1204 | 1204 | 365 | 141,5 |
| NKV 45/26 T 220-277/380-480/60 | 80 | 80 | 779 | 476 | 198 | 248 | 350 | 1255 | 1255 | 365 | 147,5 |
| NKV 45/36-2 T 220-277/380-480/60 | 80 | 80 | 861 | 542 | 238 | 317 | 350 | 1403 | 1403 | 365 | 185,5 |
| NKV 45/36 T 220-277/380-480/60 | 80 | 80 | 861 | 542 | 238 | 317 | 350 | 1403 | 1403 | 365 | 185,5 |
| NKV 45/46-2 T 220-277/380-480/60 | 80 | 80 | 943 | 542 | 238 | 317 | 350 | 1485 | 1485 | 365 | 200,0 |
| NKV 45/46 T 220-277/380-480/60 | 80 | 80 | 948 | 658 | 300 | 399 | 400 | 1606 | 1606 | 365 | 322,0 |
| NKV 45/56-2 T 220-277/380-480/60 | 80 | 80 | 1030 | 658 | 300 | 399 | 400 | 1688 | 1688 | 365 | 326,0 |
| NKV 45/56 T 380/480 | 80 | 80 | 1030 | 658 | 300 | 399 | 400 | 1688 | 1688 | 365 | 340,0 |
| NKV 45/66-2 T 380/480 | 80 | 80 | 1112 | 658 | 300 | 399 | 400 | 1770 | 1770 | 365 | 344,0 |
| NKV 45/66 T 380/480 | 80 | 80 | 1112 | 658 | 300 | 399 | 400 | 1770 | 1770 | 365 | 344,0 |
| NKV 45/76-2 T 380/480 | 80 | 80 | 1194 | 699 | 335 | 465 | 450 | 1893 | 1893 | 365 | 417,0 |
| NKV 45/76 T 380/480 | 80 | 80 | 1194 | 699 | 335 | 465 | 450 | 1893 | 1893 | 365 | 417,0 |

NKV 32 - 45 - 65 - 95

MULTISTAGE CENTRIFUGAL PUMPS WITH VERTICAL AXIS

DIMENSIONS AND WEIGHTS



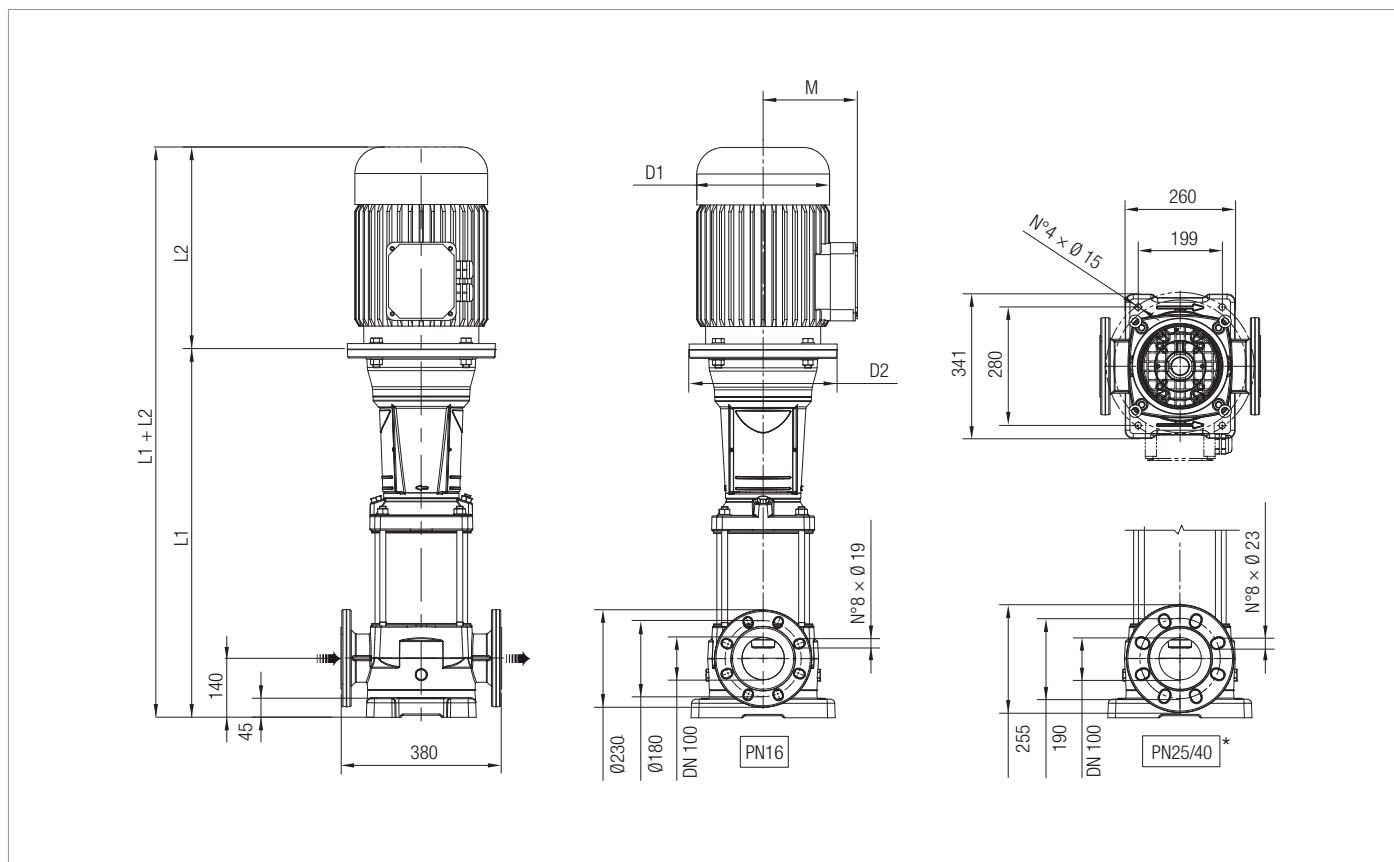
Version F: The pump is supplied without counter flanges (optional accessories, including joints and bolts).

| MODEL | DNA | DNM | L1 mm | L2 mm | M mm | D1 mm | D2 mm | L1+L2 mm | H mm | Interax mm | WEIGHT Kg |
|----------------------------------|-----|-----|--------|-------|------|-------|-------|----------|--------|------------|-----------|
| NKV 65/26-2 T 220-277/380-480/60 | 100 | 100 | 849,2 | 476 | 198 | 248 | 350 | 1325,2 | 1325,2 | 365 | 152,5 |
| NKV 65/26-1 T 220-277/380-480/60 | 100 | 100 | 849,2 | 542 | 238 | 317 | 350 | 1391,2 | 1391,2 | 365 | 186,5 |
| NKV 65/26 T 220-277/380-480/60 | 100 | 100 | 849,2 | 542 | 238 | 317 | 350 | 1391,2 | 1391,2 | 365 | 198,0 |
| NKV 65/36-2 T 220-277/380-480/60 | 100 | 100 | 941,3 | 542 | 238 | 317 | 350 | 1483,3 | 1483,3 | 365 | 202,5 |
| NKV 65/36 T 220-277/380-480/60 | 100 | 100 | 946,3 | 658 | 300 | 399 | 400 | 1604,3 | 1604,3 | 365 | 324,5 |
| NKV 65/46-2 T 380-480D/60 | 100 | 100 | 1038,4 | 658 | 300 | 399 | 400 | 1696,4 | 1696,4 | 365 | 343,0 |
| NKV 65/46 T 380-480D/60 | 100 | 100 | 1038,4 | 699 | 335 | 465 | 450 | 1737,4 | 1737,4 | 365 | 412,0 |
| NKV 65/56-2 T 380-480D/60 | 100 | 100 | 1130,5 | 699 | 335 | 465 | 450 | 1829,5 | 1829,5 | 365 | 416,5 |
| NKV 65/56-1 T 380-480D/60 | 100 | 100 | 1130,5 | 699 | 335 | 465 | 450 | 1829,5 | 1829,5 | 365 | 416,5 |

NKV 32 - 45 - 65 - 95

MULTISTAGE CENTRIFUGAL PUMPS WITH VERTICAL AXIS


DIMENSIONS AND WEIGHTS



Version F: The pump is supplied without counter flanges (optional accessories, including joints and bolts).

| MODEL | DNA | DNM | L1 mm | L2 mm | M mm | D1 mm | D2 mm | L1+L2 mm | H mm | Interax mm | WEIGHT Kg |
|----------------------------------|-----|-----|--------|-------|------|-------|-------|----------|--------|------------|-----------|
| NKV 95/26-2 T 220-277/380-480/60 | 100 | 100 | 849,2 | 542 | 238 | 317 | 350 | 1391,2 | 1391,2 | 380 | 187,0 |
| NKV 95/26-1 T 220-277/380-480/60 | 100 | 100 | 849,2 | 542 | 238 | 317 | 350 | 1391,2 | 1391,2 | 380 | 198,5 |
| NKV 95/26 T 220-277/380-480/60 | 100 | 100 | 854,2 | 658 | 300 | 399 | 400 | 1512,2 | 1512,2 | 380 | 320,5 |
| NKV 95/36-2 T 380-480D/60 | 100 | 100 | 946,3 | 658 | 300 | 399 | 400 | 1604,3 | 1604,3 | 380 | 338,5 |
| NKV 95/36-1 T 380-480D/60 | 100 | 100 | 946,3 | 658 | 300 | 399 | 400 | 1604,3 | 1604,3 | 380 | 338,5 |
| NKV 95/36 T 380-480D/60 | 100 | 100 | 946,3 | 699 | 335 | 465 | 450 | 1645,3 | 1645,3 | 380 | 407,5 |
| NKV 95/46-2 T 380-480D/60 | 100 | 100 | 1038,4 | 699 | 335 | 465 | 450 | 1737,4 | 1737,4 | 380 | 411,0 |

ACCESSORIES

| COUNTERFLANGE KIT | MODEL | COUNTERFLANGES AND SEALS | THREADED | MATERIAL | PN | NKV / NKVE 1-3 | NKV / NKVE 6 | NKV / NKVE 10 | NKV / NKVE 15-20 | NKV / NKVE 32 | NKV / NKVE 45 | NKV / NKVE 65 - 95 |
|--|------------|--------------------------|----------|---------------------|----|----------------|--------------|---------------|------------------|---------------|---------------|--------------------|
|  <p style="text-align: center;">DN 40</p> | DN 25X1" | 2 x DN 25 | THREADED | STAINLESS STEEL 304 | 25 | • | | | | | | |
| | DN 32X1" ¼ | 2 x DN 32 | THREADED | STAINLESS STEEL 304 | 25 | | • | | | | | |
| | DN 40X1" ½ | 2 x DN 40 | THREADED | STAINLESS STEEL 304 | 25 | | | • | | | | |
| | DN 40X1" ½ | 2 x DN 40 | THREADED | STAINLESS STEEL | 40 | | | • | | | | |
| | DN 50X2" | 2 x DN 50 | THREADED | STAINLESS STEEL 304 | 25 | | | | • | | | |
| | DN 50X2" | 2 x DN 50 | THREADED | STAINLESS STEEL | 40 | | | | • | | | |
| | DN 65X2" ½ | 2 x DN 65 | THREADED | STAINLESS STEEL 304 | 25 | | | | | • | | |
| | DN 65X2" ½ | 2 x DN 65 | THREADED | STAINLESS STEEL | 40 | | | | | • | | |
| | DN 80X3" | 2 x DN 80 | THREADED | STAINLESS STEEL 304 | 25 | | | | | | • | |
| | DN 80X3" | 2 x DN 80 | THREADED | STAINLESS STEEL | 40 | | | | | | • | |
| | DN 100X4" | 2 x DN 100 | THREADED | STAINLESS STEEL | 25 | | | | | | | • |

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTISTAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS
















CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

INDEX - SUBMERSIBLE PUMPS

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| | PAG. 427 | | PAG. 441 |
|  | FEKA |  | FKV |
| | PAG. 428 | | PAG. 444 |
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DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS



NOVA M-A



NOVA M-NA



Submersible pump for drainage also rainwater in residential building service. The Nova series has been redesigned to mark forty years of commercialization, making it even more reliable, resistant and ergonomic. It can also be used for emptying tanks or cisterns.

It is suitable for fixed or portable installations and it is available in the automatic version with the integrated float switch or in the manual version without the float. The pump is suitable for draining flooded basements, cellars and garages or to prevent flooding when installed in rainwater collection wells, and can be used as a portable pump in emergency situations to drain water from flooded premises. A 90° fitting is provided for vertical delivery. The pump body, the impeller and the suction grid are in technopolymer, the motor shaft in stainless steel. Thermal protection incorporated in all single-phase versions. It can work in dry run for up to 1 minute. 10 mm free passage.

In compliance with the European standard EN 60335-2-41 in case of external use the 10 meter power cable is mandatory.

Flow rate minimum and maximum

from 1 m³/h to 16 m³/h

Head up to

10,2 m

Type of pumped liquid Drainage water, mostly clean, rainwater

Free passage

5 mm or 10 mm depending on the model

Supported liquid temperature (maximum and minimum)

From +0°C to +35°C for domestic use

From +0°C to +50° C other use

Outlet connection Threated 1" 1/4

Impeller material Technopolymer

Class of protection IP 68

Motor insulation class F

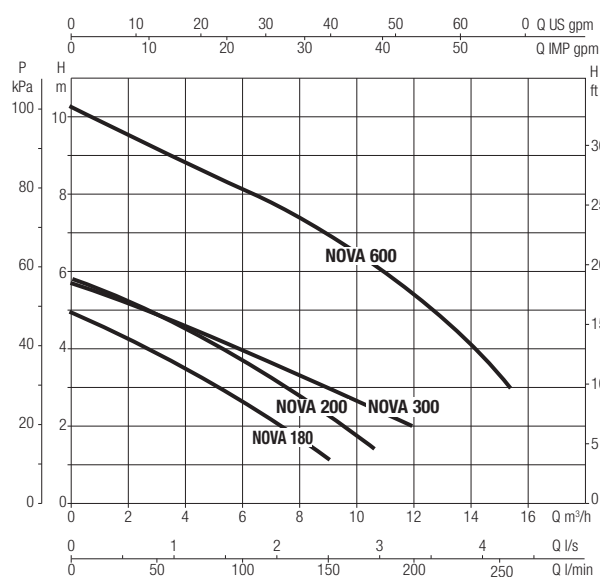
Dry run time 1 minute

Possible type of installation

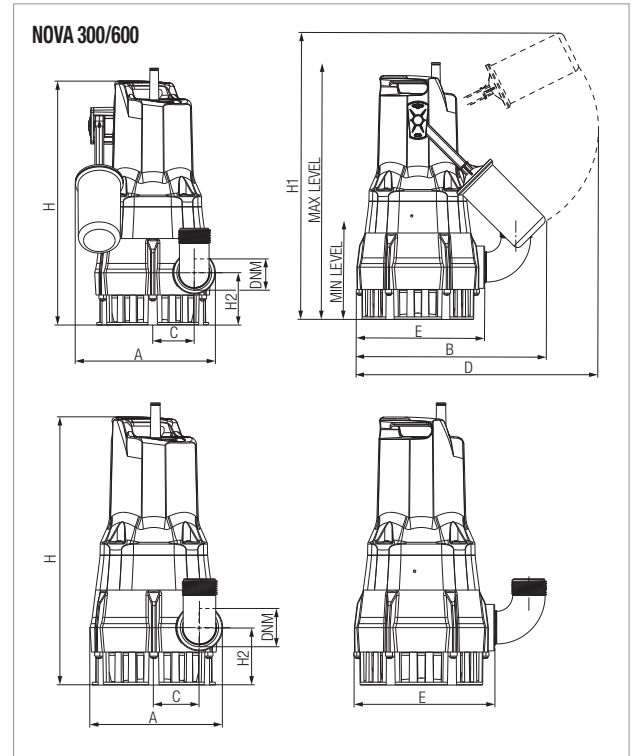
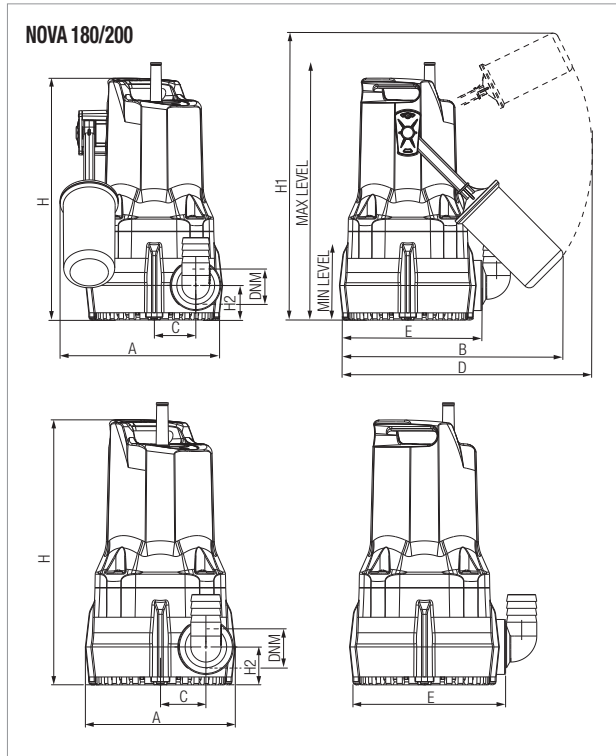
Fixed or portable in vertical position

TECHNICAL DATA

| MODEL | ELECTRICAL DATA | | | |
|----------|------------------|-------------|-------------|---------|
| | VOLTAGE 60 Hz | P1 MAX W | P2 MAX W | In A |
| NOVA 180 | 1 x 115 | 317 | 138,30 | 2,87 |
| NOVA 200 | 1 x 115 | 406 | 207,80 | 3,79 |
| NOVA 300 | 1 x 115 | 414 | 210,60 | 3,85 |
| NOVA 600 | 1 x 115 | 694 | 473,30 | 6,44 |



DIMENSIONS AND WEIGHT



| MODEL | A | B | C | D | E | H | H1 | H2 | LEV. MIN. | LEV. MAX. | DNM GAS | PACKING DIMENSIONS | | | CABLE* | VOLUME (mc) | WEIGHT Kg |
|---------------------|-----|-----|----|-----|-----|-----|-----|----|-----------|-----------|---------|--------------------|-----|-----|-------------------|-------------|-----------|
| | | | | | | | | | | | | L/A | L/B | H | | | |
| NOVA 180 MA | 180 | 247 | 46 | 296 | 158 | 268 | 345 | 38 | 77 | 285 | 1" ¼ | 287 | 202 | 320 | 5m H05 10m H05 | 0,019 | 4,6 |
| NOVA 180 MNA | 151 | - | 46 | - | 158 | 268 | - | 38 | - | - | 1" ¼ | 287 | 202 | 320 | 10m H05 | 0,019 | 4,6 |
| NOVA 200 MNA | 151 | - | 46 | - | 158 | 268 | - | 38 | - | - | 1" ¼ | 287 | 202 | 320 | 10m H05 | 0,019 | 4,6 |
| NOVA 300 MA | 180 | 247 | 46 | 296 | 158 | 277 | 354 | 47 | 85 | 285 | 1" ¼ | 287 | 202 | 320 | 5m H05 10m H05 | 0,019 | 4,6 |
| NOVA 600 MA | 189 | 255 | 56 | 296 | 174 | 329 | 443 | 71 | 190 | 390 | 1" ¼ | 287 | 202 | 431 | 5m H05 10m H05 | 0,025 | 7 |
| NOVA 600 MNA | 163 | - | 56 | - | 174 | 329 | - | 71 | - | - | 1" ¼ | 287 | 202 | 431 | 10m H05 | 0,025 | 7 |
| NOVA 600 TNA | 163 | - | 56 | - | 174 | 329 | - | 71 | - | - | 1" ¼ | 287 | 202 | 431 | 10m H07 | 0,025 | 7 |

As per European standard EN 60335-2-41, for outdoor use power cable must be 10m long.

NOVA UP SUBMERSIBLE PUMPS



NOVA UP M-A



NOVA UP M-NA

CE Vertical flow drainage pump in an automatic or manual version with removable filter for suction up to 2/3 mm, features that make it a strong pump and allow for installation versatility.

These pumps can be used with liquids that contain solids of a maximum size up to 10 mm.

Pump body, impeller, Cap and grille in technopolymer.

The motor, rotor shaft and screws in stainless steel.

Triple O-ring seal with interposed oil Chamber.

Asynchronous submersible motor for continuous operation. Stator in a sealed stainless steel enclosure.

Rotor mounted on ball bearings greased for life and oversized.

Thermal-ampere protection incorporated and CAPACITOR permanently connected.

Operating range

from 1 to 15 m³ / h with prevalence up to 10 meters.

Temperature range of the liquid

from 0 ° C to +35 ° C for domestic use.

Pumped liquid temperature

murky waters without fibers

Minimum depth of draft

NOVA UP-300M - 120 mm

NOVA UP 300M - 60 mm

NOVA UP 600M - 165 mm

NOVA UP 600M - 70 mm

Maximum immersion depth 7 meters.

Installation vertical, fixed or portable.

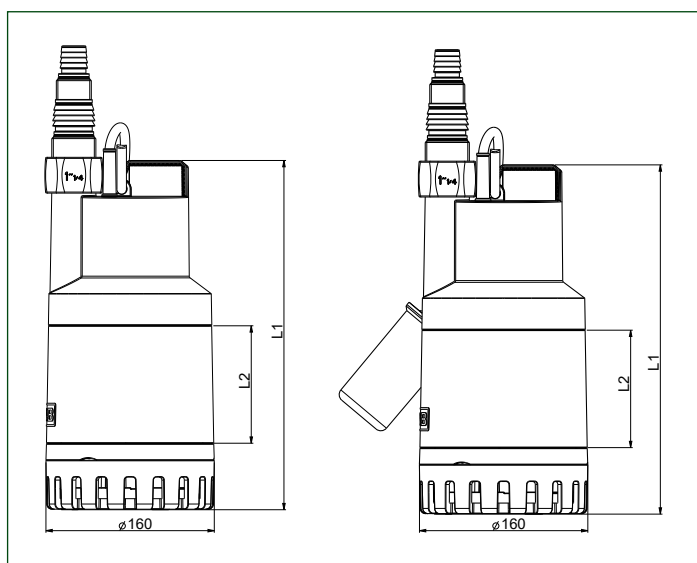
Degree of protection IP 68.

Insulation class F

TECHNICAL DATA

| MODEL | ELECTRICAL DATA | | | | | | | HYDRAULIC DATA | | | | | | | | | | | | | | | | | | | |
|-----------------|------------------|--------------|------------|------|---------|-----------|-----|--------------------|-------|------|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|------|--|--|--|--|--|--|
| | VOLTAGE 60 Hz | P1 MAX kW | P2 NOMINAL | | In A | CAPACITOR | | Q=m ³ h | H (m) | | | | | | | | | | | | | | | | | | |
| | | | kW | HP | | μF | Vc | | 0 | 1 | 2 | 3 | 4,5 | 5 | 6 | 7 | 7,5 | 9 | 10 | 12 | 13,5 | | | | | | |
| NOVA UP 300 MA | 115 | 0,38 | 0,17 | 0,23 | 2,8 | 12,5 | 250 | 7,6 | 6,9 | 6,25 | 5,6 | 4,7 | 4,4 | 3,6 | 2,8 | 2,3 | 1 | | | | | | | | | | |
| NOVA UP 300 MNA | 115 | 0,38 | 0,17 | 0,23 | 2,8 | 12,5 | 250 | 7,6 | 6,9 | 6,25 | 5,6 | 4,7 | 4,4 | 3,6 | 2,8 | 2,3 | 1 | | | | | | | | | | |
| NOVA UP 300 MA | 230 | 0,38 | 0,18 | 0,24 | 1,2 | 7 | 450 | 7,6 | 6,9 | 6,25 | 5,6 | 4,7 | 4,4 | 3,6 | 2,8 | 2,3 | 1 | | | | | | | | | | |
| NOVA UP 300 MNA | 230 | 0,38 | 0,18 | 0,24 | 1,2 | 7 | 450 | 7,6 | 6,9 | 6,25 | 5,6 | 4,7 | 4,4 | 3,6 | 2,8 | 2,3 | 1 | | | | | | | | | | |
| NOVA UP 600 MA | 115 | 0,78 | 0,45 | 0,61 | 5,6 | 20 | 250 | 9,8 | 9,4 | 9 | 8,5 | 7,7 | 7,4 | 6,8 | 6,2 | 5,9 | 4,7 | 3,9 | 2 | 0,3 | | | | | | | |
| NOVA UP 600 MNA | 115 | 0,78 | 0,45 | 0,61 | 5,6 | 20 | 250 | 9,8 | 9,4 | 9 | 8,5 | 7,7 | 7,4 | 6,8 | 6,2 | 5,9 | 4,7 | 3,9 | 2 | 0,3 | | | | | | | |
| NOVA UP 600 MA | 230 | 0,78 | 0,42 | 0,56 | 2,5 | 7 | 450 | 9,8 | 9,4 | 9 | 8,5 | 7,7 | 7,4 | 6,8 | 6,2 | 5,9 | 4,7 | 3,9 | 2 | 0,3 | | | | | | | |
| NOVA UP 600 MNA | 230 | 0,78 | 0,42 | 0,56 | 2,5 | 7 | 450 | 9,8 | 9,4 | 9 | 8,5 | 7,7 | 7,4 | 6,8 | 6,2 | 5,9 | 4,7 | 3,9 | 2 | 0,3 | | | | | | | |

DIMENSIONS AND WEIGHT



| MODEL | L1 | L2 | DNM GAS | PLUG | LENGTH OF THE CABLE | WEIGHT Kg | Q.TY x PALLET |
|-----------------|-------|-------|------------|---------|---------------------------|--------------|---------------------|
| NOVA UP 300 MA | 295,3 | 75,9 | 1" ¼ | US | 8 | 5,8 | 39 |
| NOVA UP 300 MNA | 332 | 111,6 | 1" ¼ | US | 8 | 5,6 | 39 |
| NOVA UP 300 MA | 295,3 | 75,9 | 1" ¼ | no plug | 10 | 5,8 | 39 |
| NOVA UP 300 MNA | 332 | 111,6 | 1" ¼ | no plug | 10 | 5,6 | 39 |
| NOVA UP 600 MA | 332 | 111,6 | 1" ¼ | US | 8 | 7,3 | 26 |
| NOVA UP 600 MNA | 296,2 | 75,9 | 1" ¼ | US | 8 | 7,1 | 26 |
| NOVA UP 600 MA | 332 | 111,6 | 1" ¼ | no plug | 10 | 7,3 | 26 |
| NOVA UP 600 MNA | 296,2 | 75,9 | 1" ¼ | no plug | 10 | 7,1 | 26 |

VERTY NOVA

INTEGRATED FLOAT SWITCH SUBMERSIBLE PUMPS



CE Submersible pumps specifically designed for uses in narrow pits with dimensions down to 20 cm x 20 cm. Suitable to pump clear water containing particles with maximum diameter up to 5 mm.

Pump with built-in float switch
Anti-corrosive and rust-proof materials.
Integrated float switch.
Low suction capability: 2 – 3 mm (manual mode).
Very low priming and STARTING level of the pump: 10 – 15 mm (manual mode).
Knob for manual or automatic operation.
Easy access through sliding cover to float switch for cleaning.
Motor with thermal overload protection.
Excellent cooling of the motor that enables the pump to operate even when it is partially submersible.
Supplied with power cable with plug, non return valve and 4-step fitting.

Operating range
from 1 to 10m³/h with head up to 9 metres.

Liquid temperature range
from 0 °C to +35 °C for domestic use.

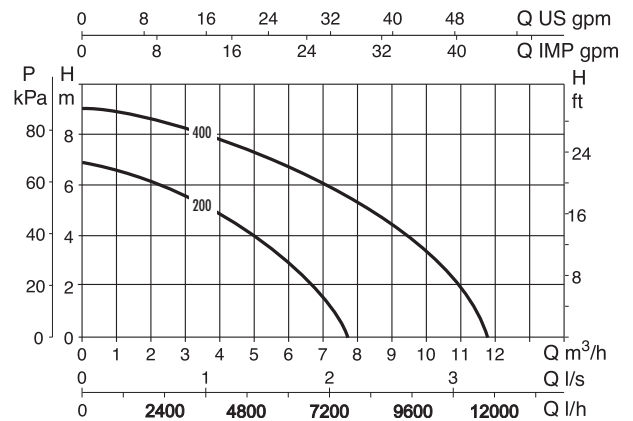
Pumped liquid dirty water without fibres.

Pump priming limit
10-15 mm in manual operation.

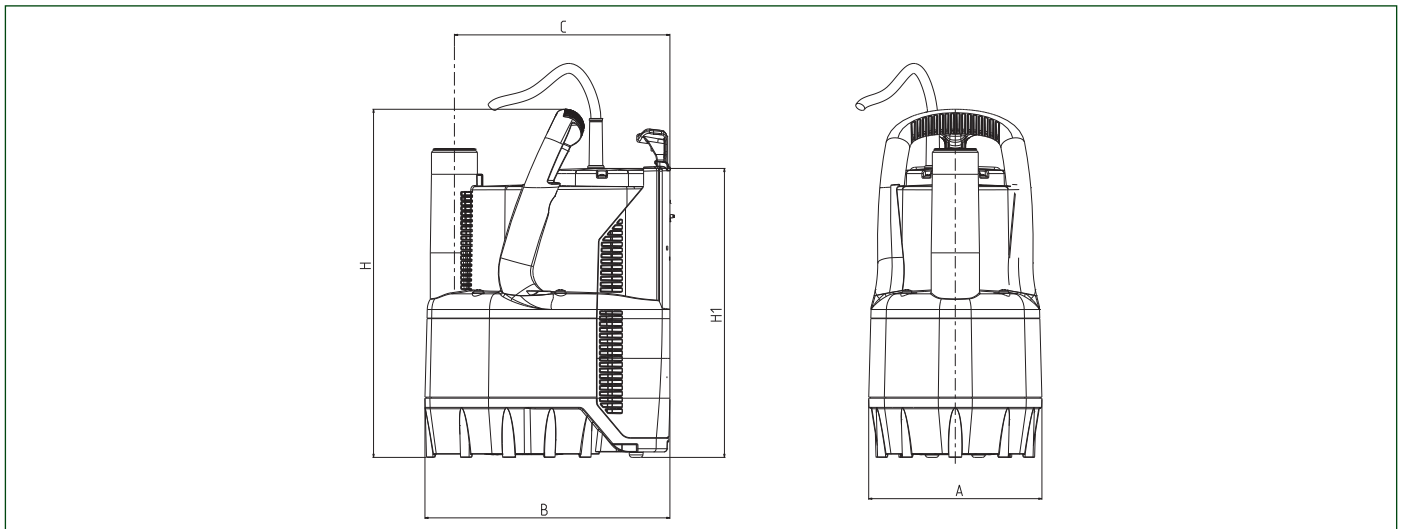
Max. immersion depth 7 metres.

TECHNICAL DATA

| MODEL | ELECTRICAL DATA | | | | | | |
|------------------|------------------|--------------|------------|------|---------|-----------|-----|
| | VOLTAGE 60 Hz | P1 MAX kW | P2 NOMINAL | | In A | CAPACITOR | |
| | | | kW | HP | | µF | Vc |
| VERTY NOVA 206 M | 1x115V~ | 0,33 | 0,18 | 0,25 | 2,7 | 12,5 | 250 |
| VERTY NOVA 206M | 1x220-230V~ | 0,33 | 0,18 | 0,25 | 1,3 | 7 | 450 |
| VERTY NOVA 406 M | 1x115V~ | 0,67 | 0,37 | 0,5 | 7 | 20 | 250 |
| VERTY NOVA 406M | 1x220-230V~ | 0,6 | 0,37 | 0,5 | 2,5 | 10 | 450 |



DIMENSIONS AND WEIGHT



| MODEL | A | B | C | Ø D | H | H1 | DNM (NPT) | CABLE | Q.TY x PALLET | WEIGHT Kg |
|------------------|-----|-----|-----|-----|-----|-----|-------------------------------|-------|------------------|--------------|
| VERTY NOVA 200 M | 158 | 225 | 200 | 33 | 400 | 265 | 1 ¹ / ₄ | 5 mt. | 40 | 4,2 |
| VERTY NOVA 400 M | 158 | 225 | 200 | 33 | 400 | 265 | 1 ¹ / ₄ | 5 mt. | 40 | 5,1 |



Submersible pumps suitable for draining and lifting effluent wastewater and rainwater in residential building service.

The pumps have been redesigned on the occasion of the forty years of marketing, making them even more reliable, resistant and ergonomic.

The impeller in technopolymer allows the passage of solid bodies up to 25 mm. The pumps are designed for fixed or mobile installations and are available in automatic versions with integrated float switch or in manual version without float.

The pump body and the intake grid are in technopolymer, the motor shaft in AISI 431 motor shaft suitable for light salty water. Robust and reliable, they have a triple ring seal in oil bath and an asynchronous submersible motor with continuous service. Stator inserted in an airtight stainless steel casing and rotor mounted on oversized ball bearings to increase its durability. Thermal protection incorporated in all single-phase versions, the pumps can run dry for up to 1 minute. New sealed cable gland design and new motors, more compact and efficient. Impeller bolt sealing to prevent corrosion at bolt motor shaft.

In compliance with European standard EN 60335-2-41, the 10-meter power cable is mandatory for the pump in external use.

Flow rate minimum and maximum

Da 1 m³/h a 16 m³/h

Head up to 7,5 m

Type of pumped liquid wastewater and rainwater

Free passage 25 mm

Supported liquid temperature (maximum and minimum)

From 0°C to +35°C for domestic use

Class of protection IP 68

Motor insulation class F

Possible type of installation

Fixed or portable in vertical position

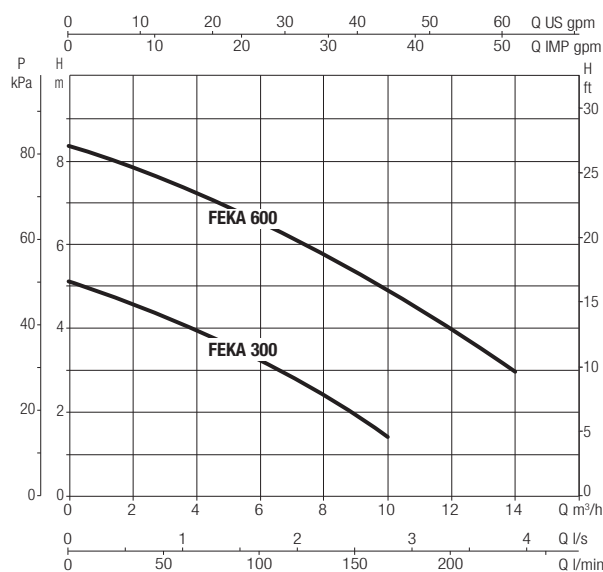


FEKA M-A

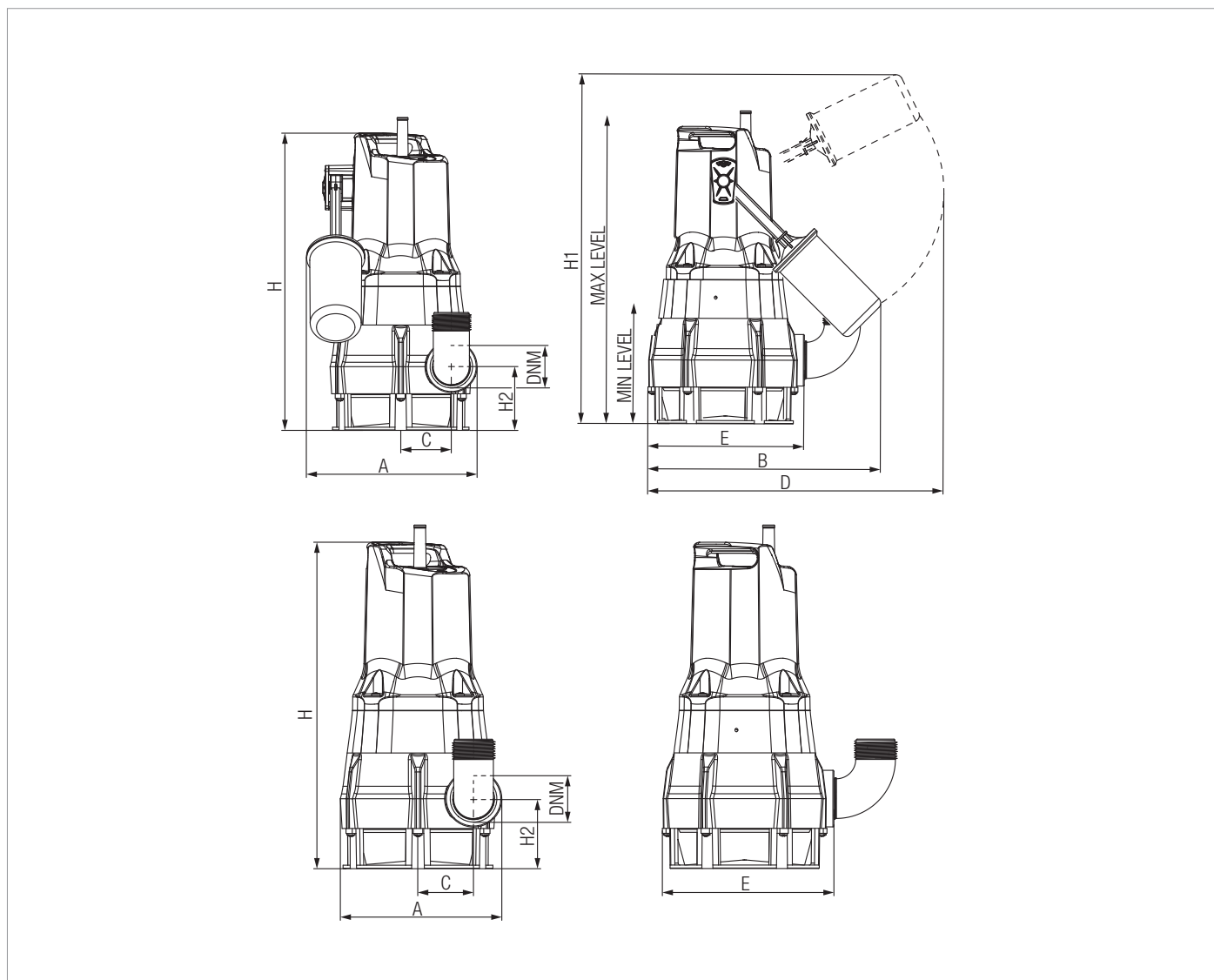
FEKAM-NA

TECHNICAL DATA

| MODEL | ELECTRICAL DATA | | | |
|----------|------------------|-------------|-------------|---------|
| | VOLTAGE 60 Hz | P1 MAX W | P2 MAX W | In A |
| FEKA 300 | 1 x 115 | 437 | 218,00 | 4,02 |
| FEKA 600 | 1 x 115 | 675 | 466,40 | 6,28 |



DIMENSIONS AND WEIGHT



| MODEL | A | B | C | D | E | H | H1 | H2 | LEV. MIN. | LEV. MAX. | DNM GAS | PACKING DIMENSIONS | | | CABLE* | VOLUME (mc) | WEIGHT Kg |
|--------------|-----|-----|----|-----|-----|-----|-----|----|-----------|-----------|---------|--------------------|-----|-----|-------------------|-------------|-----------|
| | | | | | | | | | | | | L/A | L/B | H | | | |
| FEKA 300 MA | 189 | 255 | 56 | 296 | 174 | 329 | 355 | 71 | 95 | 305 | 1" ¼ | 287 | 202 | 431 | 5m H05 10m H05 | 0,025 | 4,6 |
| FEKA 300 MNA | 163 | - | 56 | - | 174 | 329 | - | 71 | - | - | 1" ¼ | 287 | 202 | 431 | 10m H05 | 0,025 | 4,6 |
| FEKA 600 MA | 189 | 255 | 56 | 296 | 174 | 349 | 443 | 71 | 190 | 390 | 1" ¼ | 287 | 202 | 431 | 5m H05 10m H05 | 0,025 | 7 |
| FEKA 600 MNA | 163 | - | 56 | - | 174 | 349 | - | 71 | - | - | 1" ¼ | 287 | 202 | 431 | 10m H05 | 0,025 | 7 |
| FEKA 600 TNA | 163 | - | 56 | - | 174 | 349 | - | 71 | - | - | 1" ¼ | 287 | 202 | 431 | 10m H07 | 0,025 | 7 |



CE **Powerful** submersible pumps **for drainage and emptying duty.** Designed for pumping foul water containing solid particles of no more than 38 mm in diameter.

Anti-corrosion and anti-oxidation materials.
Motor with THERMAL PROTECTION against overheating.
Wear-resistant motor shaft and impeller.
Excellent motor cooling to allow pump to run even when only partially submerged.
Automatic version equipped with floatswitch for automatic STARTING and stopping of the pump, and Manual version.
Equipped with power cable with plug, and 3-level union, without check valve.

Operating range
from 1 to 18 m³/h with head up to 12 metres.

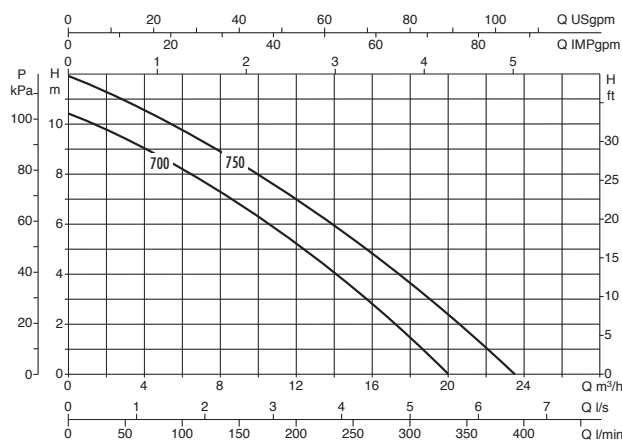
Liquid temperature range
from 0 °C to +35 °C.

Pumped liquid
dirty water with maximum solid particle size 38 mm.

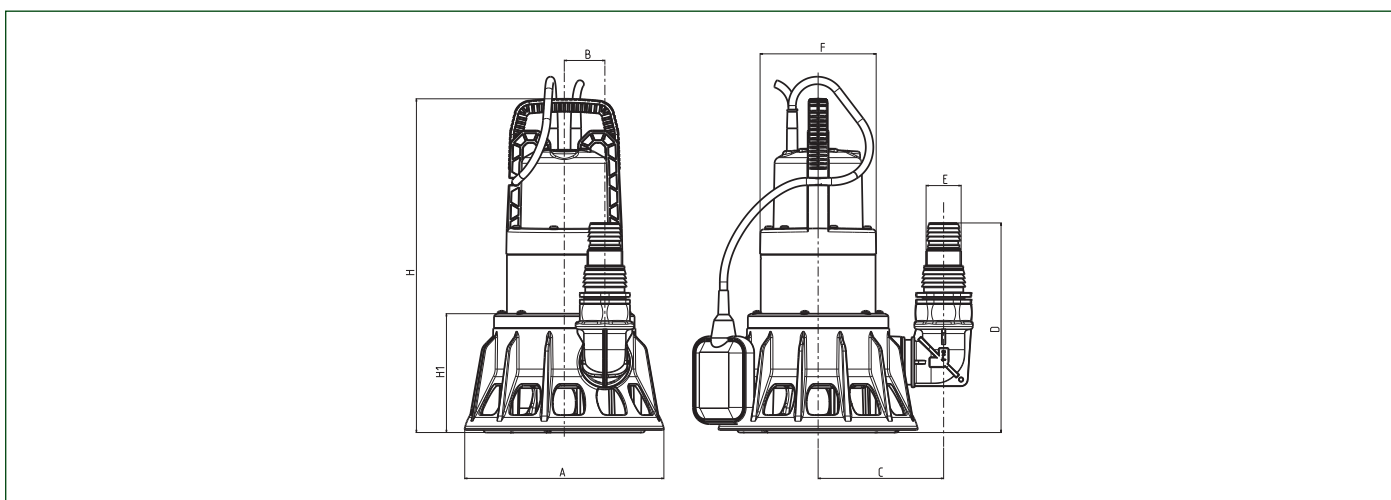
Max. immersion depth 7 metres.

TECHNICAL DATA

| MODEL | ELECTRICAL DATA | | | | | | |
|------------------|------------------|--------------|------------|------|---------|-----------|-----|
| | VOLTAGE 60 Hz | P1 MAX kW | P2 NOMINAL | | In A | CAPACITOR | |
| | | | kW | HP | | μF | Vc |
| FEKA BVP 700 M-A | 1x115V~ | 1,10 | 0,71 | 0,95 | 10,4 | 30 | 250 |
| FEKA BVP 700 M-A | 1x220-230V~ | 1,15 | 0,70 | 0,95 | 5,3 | 14 | 425 |
| FEKA BVP 750 M-A | 1x115V~ | 1,10 | 0,71 | 0,95 | 10,5 | 30 | 250 |
| FEKA BVP 750 M-A | 1x220-230V~ | 1,15 | 0,70 | 0,95 | 5,5 | 14 | 425 |



DIMENSIONS AND WEIGHT



| MODEL | A | B | C | D | E | F | H | H1 | DNM (NPT) | CABLE | WEIGHT Kg | Q.TY x PALLET |
|------------------|-----|----|-----|-----|-----|-----|-----|-----|-------------------------------|-------|--------------|------------------|
| FEKA BVP 700 M-A | 240 | 49 | 150 | 250 | M40 | 140 | 400 | 142 | 1 ¹ / ₂ | 5 mt. | 8 | 27 |
| FEKA BVP 750 M-A | 240 | 49 | 150 | 250 | M40 | 140 | 400 | 142 | 1 ¹ / ₂ | 5 mt. | 8 | 27 |

DRENAG 1000 - 1200

SUBMERSIBLE PUMPS



CE Submersible electric pump in AISI 304 Stainless Steel: pump body, impeller, motor flange, filter and filter cover, motor casing, outer casing with handle, cable compartment cover.
Shaft in AISI 316 stainless steel.
 Handle coated with insulating rubber. **Double mechanical seal** with oil chamber interposed, carbon/alumina on motor side and silicon/silicon carbide on pump side. **Dry motor**, asynchronous, watertight, cooled by the pumped liquid itself. Standard thermal protection in the winding. Capacitor permanently on in the single-phase version. 10 metres of H07RN-F power cables with schuko plug are supplied as a standard USA plug instead could be also available on request. All models can be supplied either with or without float.

Operating range
 from 3 to 24 m³/h with head up to 14.2 mt.

Liquid temperature range
 from 0°C to +35°C for domestic use.
 from 0°C to +50°C.

Pumped liquid characteristics
 rain water, phreatic water, sandy water from building yards and clean waste waters, not aggressive.

Maximum working temperature
 +40°C with the motor out of the water.

Free passage through the suction grid 10 mm.

Maximum immersion depth 7 mt.

Protection level IP 68.

Insulation class F.

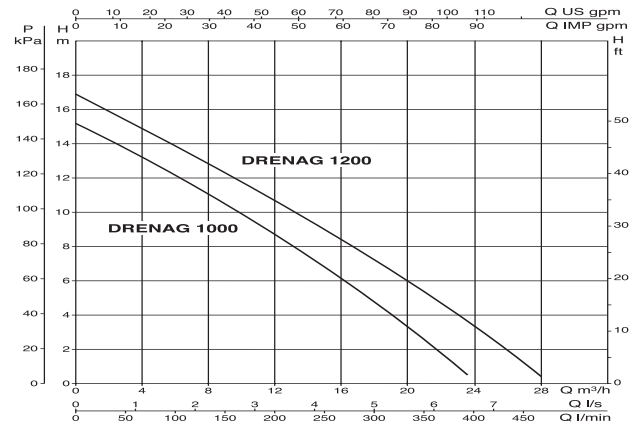
Installation fixed or portable, in a vertical position.

TECHNICAL DATA

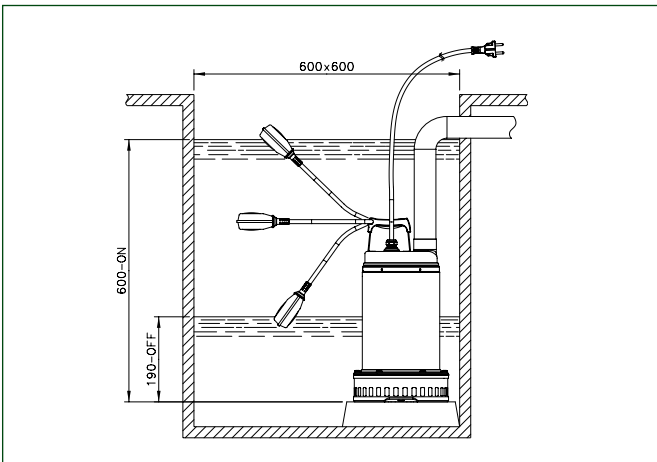
| MODEL | ELECTRICAL DATA | | | | | | |
|--------------------|------------------|--------------|------------|------|---------|-----------|-----|
| | VOLTAGE 60 Hz | P1 MAX kW | P2 NOMINAL | | In A | CAPACITOR | |
| | | | kW | HP | | μF | Vc |
| DRENAG 1000 M-A | 1x220-230 V~ | 1,4 | 1 | 1,36 | 6,5-6,8 | 25 | 450 |
| DRENAG 1000 M-NA | 1x220-230 V~ | 1,4 | 1 | 1,36 | 6,5-6,8 | 25 | 450 |
| DRENAG 1000 T-NA * | 3x380-480 V~ | 1,2 | 1 | 1,36 | 2,3-2 | - | - |
| DRENAG 1200 M-A | 1x220-230 V~ | 1,7 | 1,2 | 1,6 | 7,6-8 | 30 | 450 |
| DRENAG 1200 M-NA | 1x220-230 V~ | 1,7 | 1,2 | 1,6 | 7,6-8 | 30 | 450 |
| DRENAG 1200 T-NA | 3x380-480 V | 1,7 | 1,2 | 1,6 | 3-2,65 | - | - |
| DRENAG 1200 T-NA | 3x220-277 V | 1,6 | 1,2 | 1,6 | 5-4,3 | - | - |

* Available on request 3x220/277 V.

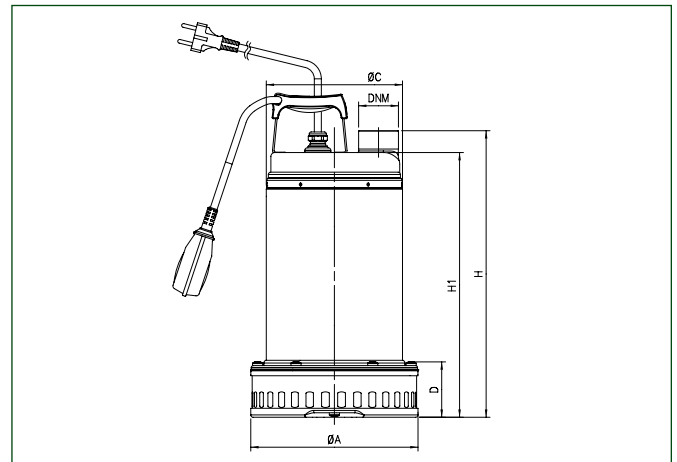
A: automatic with float **NA:** non automatic without float



INSTALLATION



DIMENSIONS AND WEIGHT



| MODEL | Ø A | Ø C | D | H | H1 | Ø DNM (NPT) | PACKING DIMENSIONS | | | FREE PASSAGE mm | Q.TY x PALLET | WEIGHT Kg |
|-------------|-----|-----|----|-----|-----|----------------|--------------------|-----|-----|-----------------------|---------------------|--------------|
| | | | | | | | L/A | L/B | H | | | |
| DRENAG 1000 | 215 | 175 | 71 | 413 | 385 | 1 1/2 | 240 | 600 | 250 | 10 | 24 | 17 |
| DRENAG 1200 | 215 | 175 | 71 | 413 | 385 | 1 1/2 | 240 | 600 | 250 | 10 | 24 | 18,5 |

FEKA VS SEWAGE PUMPS



CE Submersible centrifugal pump with liquid vortex cast steel impeller, suitable for pumping sewer water and waste water in general containing solids up to a maximum size of 50 mm.
Handle with insulating rubber cover. AISI 316 stainless steel drive shaft. Double mechanical seal with intermediate oil chamber (atoxic oil), in carbon/alumina on the motor side and silicon carbide/silicon carbide on the pump side.
Dry, asynchronous, sealed and cooled by the pumped liquid. Rotor mounted on greased for-life ball bearings, oversized and selected to guarantee greater noise reduction and duration. Thermo-ampere meters protection as standard for single-phase version, and the user's responsibility for the three-phase version. Constantly active capacitor on the single-phase version. Construction in accordance with the IEC 2-3 IEC 61-69 (EN 60335-2-41) standards.

Motor protection class IP 68

Insulation class F

Power supply cable 10 mt of H07RN-F cable with Shuko plug for the single-phase version and 10 meters of H07RN-F cable for the three-phase version.

Operating range

from 0 to 32 m³/h with head up to 14 mt

Pumped liquid sewer water and waste water in general and non aggressive.

Liquid temperature range from 0°C to +35°C for household use (EN 60335-2-41), from 0°C to +50°C for other uses.

Maximum ambient temperature for pump running with submersible motor +40°C

Maximum immersion depth 10 mt

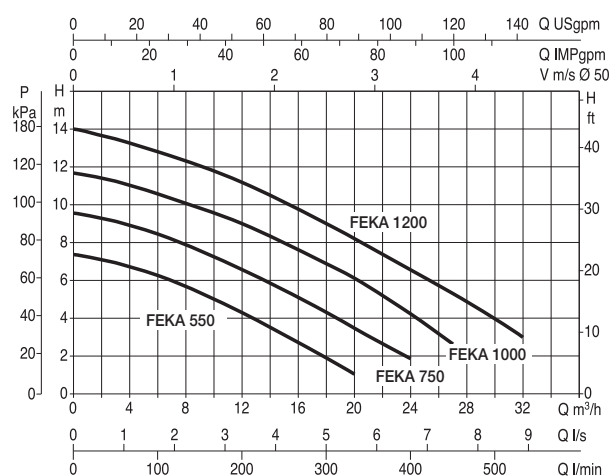
Installation fixed or portable, vertical.

Free Passage 50 mm

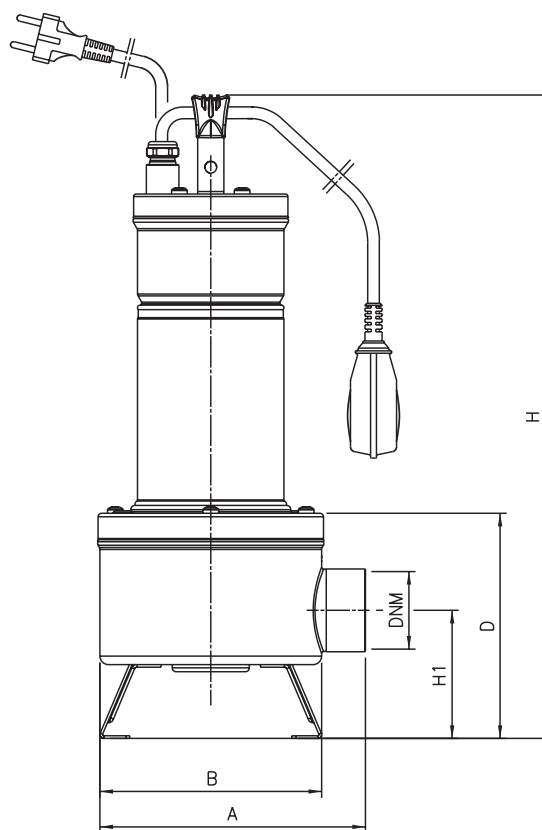
TECHNICAL DATA - VS

| MODEL | ELECTRICAL DATA | | | | | | |
|---------------------|------------------|--------------|------------|------|-----------|-----------|-----|
| | VOLTAGE 60 HZ | P1 MAX kW | P2 NOMINAL | | In A | CAPACITOR | |
| | | | kW | HP | | µF | VC |
| FEKA VS 550 M-A | 1x220-230 V~ | 0,84 | 0,55 | 0,75 | 3,9-4 | 20 | 450 |
| FEKA VS 550 M-NA | 1x220-230 V~ | 0,84 | 0,55 | 0,75 | 3,9-4 | 20 | 450 |
| FEKA VS 550 T-NA * | 3x220-277 V~ | 0,78 | 0,55 | 0,75 | 2,72-2,42 | - | - |
| FEKA VS 750 M-A | 1x220-230 V~ | 1,1 | 0,75 | 1 | 5 | 20 | 450 |
| FEKA VS 750 M-NA | 1x220-230 V~ | 1,1 | 0,75 | 1 | 5 | 20 | 450 |
| FEKA VS 750 T-NA * | 3x220-277 V~ | 1,1 | 0,75 | 1 | 3,25-2,9 | - | - |
| FEKA VS 1000 M-A | 1x220-230 V~ | 1,4 | 1 | 1,36 | 6,6 | 25 | 450 |
| FEKA VS 1000 M-NA | 1x220-230 V~ | 1,4 | 1 | 1,36 | 6,6 | 25 | 450 |
| FEKA VS 1000 T-NA * | 3x220-277 V~ | 1,3 | 1 | 1,36 | 4,1-3,65 | - | - |
| FEKA VS 1200 M-A | 1x220-230 V~ | 1,8 | 1,2 | 1,6 | 7,6-8 | 30 | 450 |
| FEKA VS 1200 M-NA | 1x220-230 V~ | 1,8 | 1,2 | 1,6 | 7,6-8 | 30 | 450 |
| FEKA VS 1200 T-NA * | 3x220-277 V~ | 1,8 | 1,2 | 1,6 | 5,8-5 | - | - |

* 3x220/277 V ~ available on request



DIMENSIONS AND WEIGHT



| MODEL | A | B | D | H | H1 | Ø DNM (NPT) | PACKING DIMENSIONS | | | FREE PASSAGE mm | WEIGHT Kg | Q.TY x PALLET |
|---------------------|-----|-----|-----|-----|----|----------------|--------------------|-----|-----|--------------------|--------------|------------------|
| | | | | | | | L/A | L/B | H | | | |
| FEKA VS 550 | 203 | 170 | 172 | 492 | 98 | 2" | 240 | 600 | 240 | 50 | 16,3 | 24 |
| FEKA VS 750 | 203 | 170 | 172 | 492 | 98 | 2" | 240 | 600 | 240 | 50 | 17,5 | 24 |
| FEKA VS 1000 | 203 | 170 | 172 | 537 | 98 | 2" | 240 | 600 | 240 | 50 | 19,3 | 24 |
| FEKA VS 1200 | 203 | 170 | 172 | 537 | 98 | 2" | 240 | 600 | 240 | 50 | 20,8 | 24 |



CE Submersible pump for the draining clear water, groundwater or rainwater in commercial building service; the pumps is suitable for applications requiring with high head.

The pump is certified according to EN 12050-2 waste water regulation. Suitable for fixed installations with coupling device or mobile if placed directly on the bottom of the tank. The reduced dimensions and the outlet connection both flanged and threaded make it ideal for replacements. Designed for fast maintenance thanks to a construction solution that provides easy access to the main components of the pump. Open impeller and anti-wear rubber disc for use even in the presence of abrasive particles. Double mechanical seal in silicon carbide completely protected in an oil chamber and not in contact with the pumped liquid. Motor shaft in stainless steel AISI 431 for P2 <1,2 kW and AISI 304 for P2 > 1,5 kW, resin cable gland with quick coupling. Single-phase versions with integrated capacitor, available with float for automatic operation (MA) with powers up to 1,5 kW. In the three-phase versions the protection is the responsibility of the user. ATEX version available for use in potentially explosive environments (ATES certifications: II2G Ex db IIB T4 GB o IEC EX: Ex db IIB T4 Gb).

Flow rate maximum 30,9 m³/h

Head up to 32 m

Type of pumped liquid clear water, rainwater and sandy water from construction site

Free passage 10 mm

Nominal speed RPM 3480

Supported liquid temperature (max)

+50°C (+60°C for a short period of time)

+40°C for ATEX version

Flanged and threaded 1" 1/2, DN 32, DN 40

Impeller type Open

Class of protection IP 68

Motor insulation class F

Dry run time 10 min

Possible type of installation

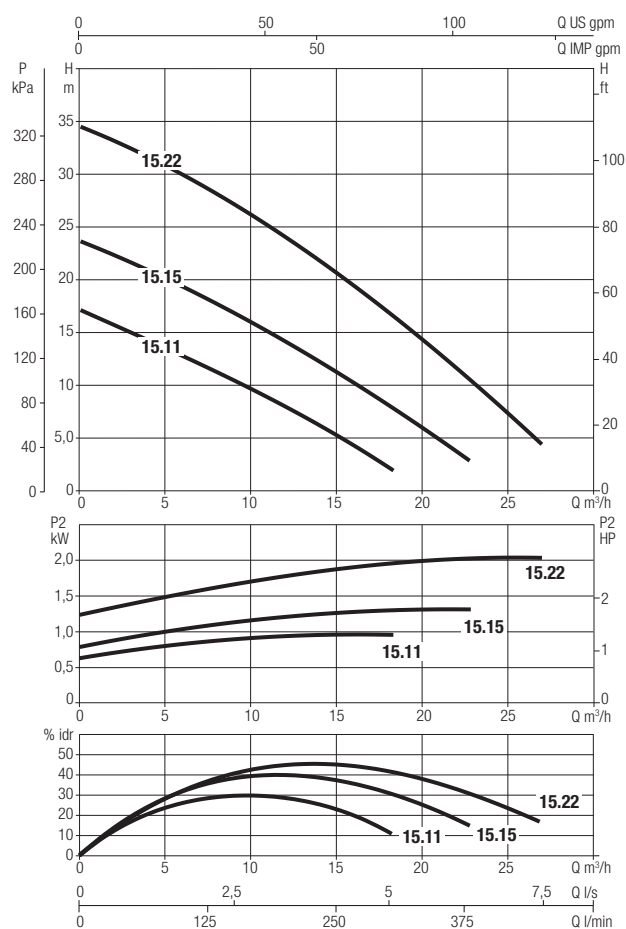
Mobile if on the floor, fixed on the coupling

Special versions on request

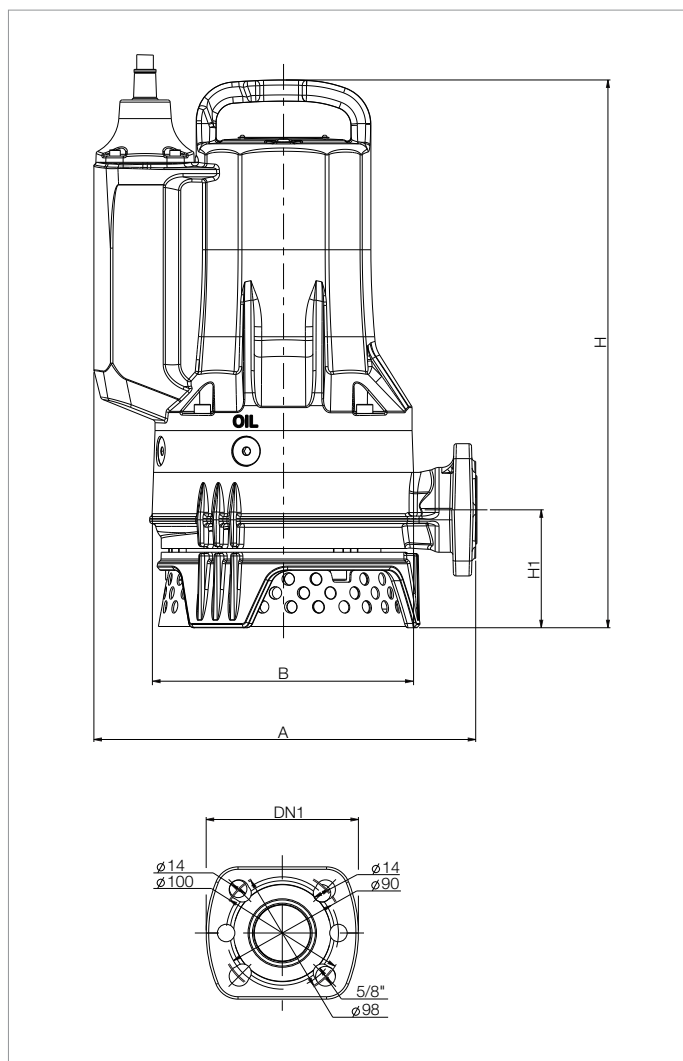
Different cable length, different voltage

TECHNICAL DATA

| MODEL | VOLTAGE 60 Hz | P1 MAX W | P2 NOMINAL | | In A | DN mm |
|---------------------|------------------|-------------|------------|-----|---------|----------|
| | | | kW | HP | | |
| DRENAG FX 15.11 MNA | 1 x 115 | 1,4 | 1,0 | 1,3 | 12,9 | 40 |
| DRENAG FX 15.11 MNA | 1 x 220 | 1,3 | 1,0 | 1,3 | 6,0 | 40 |
| DRENAG FX 15.11 MA | 1 x 220 | 1,3 | 1,0 | 1,3 | 6,0 | 40 |
| DRENAG FX 15.11 TNA | 3 x 380 | 1,2 | 1,0 | 1,3 | 2,5 | 40 |
| DRENAG FX 15.11 TNA | 3 x 460 | 1,2 | 1,0 | 1,3 | 1,9 | 40 |
| DRENAG FX 15.15 MNA | 1 x 115 | 1,9 | 1,4 | 1,8 | 16,8 | 40 |
| DRENAG FX 15.15 MNA | 1 x 220 | 1,8 | 1,4 | 1,8 | 8,3 | 40 |
| DRENAG FX 15.15 MA | 1 x 220 | 1,8 | 1,4 | 1,8 | 8,3 | 40 |
| DRENAG FX 15.15 TNA | 3 x 380 | 1,6 | 1,4 | 1,8 | 3,3 | 40 |
| DRENAG FX 15.15 TNA | 3 x 460 | 1,6 | 1,4 | 1,8 | 2,6 | 40 |
| DRENAG FX 15.22 MNA | 1 x 220 | 2,8 | 2,1 | 2,7 | 13,0 | 40 |
| DRENAG FX 15.22 TNA | 3 x 380 | 2,6 | 2,1 | 2,7 | 5,2 | 40 |
| DRENAG FX 15.22 TNA | 3 x 460 | 2,5 | 2,1 | 2,7 | 3,9 | 40 |



DIMENSIONS AND WEIGHT



| MODEL | FREE PASSAGE | A | B | H | | H1 | DELIVERY | | | | PACKING DIMENSIONS | | | WEIGHT Kg |
|------------------|--------------|-----|-----|-----|-----|----|----------|---------------------------|--------|--------------|--------------------|-----|-----|-----------|
| | | | | | Ex | | GAS | DN1 | HOLES | D | L/A | L/B | H | |
| DRENAG FX 15.07* | 10 | 306 | 215 | 412 | 412 | 95 | Rp 1"1/2 | DN32 PN10 / 6 DN40 PN6 | 4 2 | 100-90 90 | 660 | 370 | 400 | 35 |
| DRENAG FX 15.11* | 10 | 306 | 215 | 412 | 430 | 95 | Rp 1"1/2 | DN32 PN10 / 6 DN40 PN6 | 4 2 | 100-90 90 | 660 | 370 | 400 | 35 |
| DRENAG FX 15.15* | 10 | 306 | 215 | 421 | 439 | 95 | Rp 1"1/2 | DN32 PN10 / 6 DN40 PN6 | 4 2 | 100-90 90 | 660 | 370 | 400 | 38 |
| DRENAG FX 15.22* | 10 | 306 | 215 | 439 | 456 | 95 | Rp 1"1/2 | DN32 PN10 / 6 DN40 PN6 | 4 2 | 100-90 90 | 660 | 370 | 400 | 39 |

*Available in Ex version

GRINDER FX

SUBMERSIBLE PUMPS WITH CUTTING SYSTEM FOR SEWAGE



Submersible pump with shredder designed for lifting and transferring sewage water in commercial building service.

Grinder FX is certified for the European Union standard EN 12050-1 which applies to sewage lifting plants containing faecal material in buildings and construction sites.

Suitable for fixed installations with a coupling or mobile if the pumps is placed directly on the bottom of the tank. Thanks to the shredder, the pump is suitable for installations with small diameter pipes or installation that require high pressures. High strength shredding system in AISI 630 steel. Double mechanical seal in silicon carbide completely protected in oil bath and not in contact with the pumped liquid. Motor shaft in AISI 304 stainless steel, resin-fastened cable gland. The reduced overall dimensions and the outlet ports both flanged and threaded make it ideal for replacements. Maintenance is fast due to its design that allows easy access to the pump's main components. Single-phase versions with integrated capacitor, available with float for automatic operation (MA) with powers up to 1,5 kW. In the three-phase versions the protection is the user's responsibility.

ATEX version available for use in potentially explosive environments. (ATEX certifications: II2G Ex db IIB T4 GB o IEC EX: Ex db IIB T4 Gb).

Flow rate maximum 19,8 m³/h

Head up to 33 m

Type of pumped liquid Loaded waters with filamentary bodies, paper or textile material

Nominal speed RPM 3480

Supported liquid temperature (max)

+50°C (+60°C for a short period of time)

+40°C for ATEX version

Flanged and threaded

From 1"1/2, DN 32, DN 40

Impeller type Grinder

Class of protection IP 68

Motor insulation class F

Dry run time 10 min

Possible type of installation

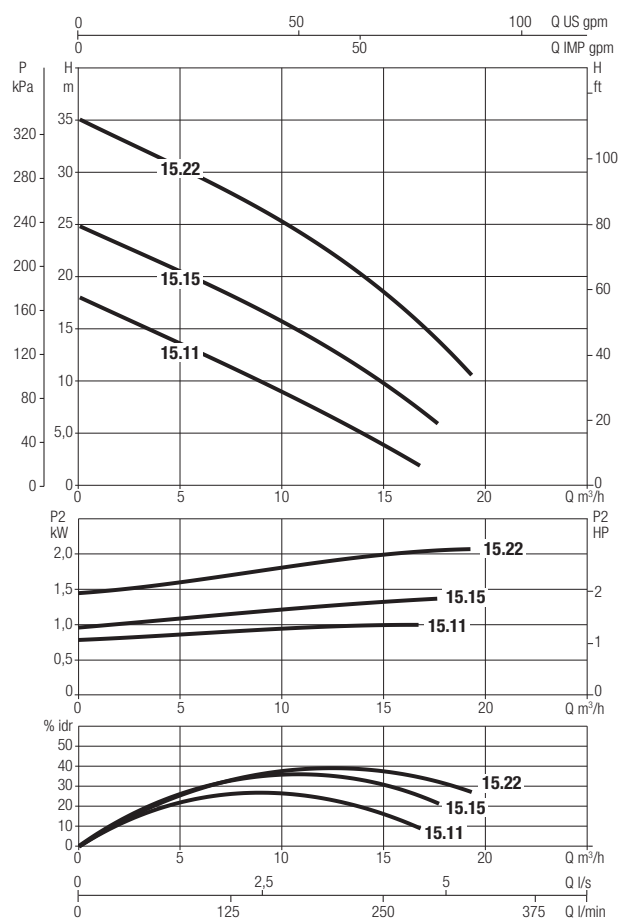
Mobile on the ground or fixed on a coupling device

Special versions on request Different cable lengths, different voltages and frequencies

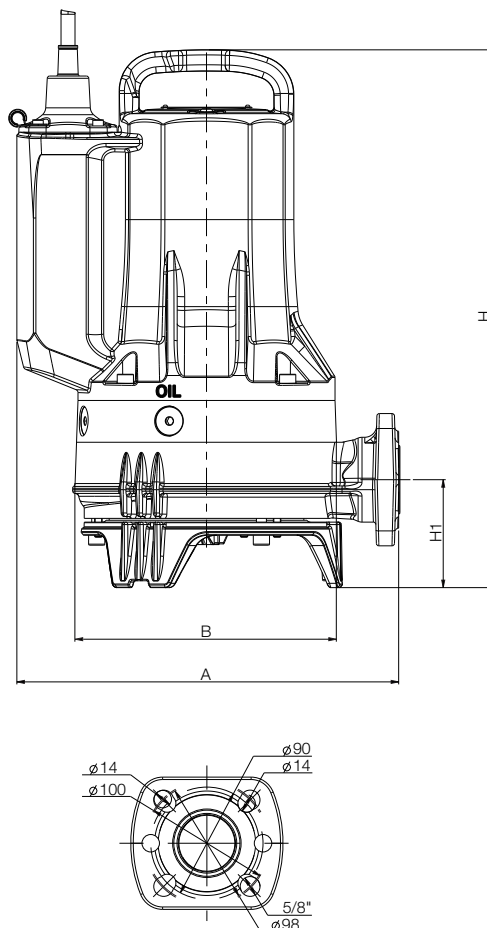


TECHNICAL DATA

| MODEL | VOLTAGE 60 Hz | P1 MAX W | P2 NOMINAL | | In A | DN mm |
|----------------------|------------------|-------------|------------|-----|---------|----------|
| | | | kW | HP | | |
| GRINDER FX 15.11 MNA | 1 x 115 | 1,4 | 1,0 | 1,3 | 13,2 | 40 |
| GRINDER FX 15.11 MNA | 1 x 220 | 1,3 | 1,0 | 1,3 | 6,4 | 40 |
| GRINDER FX 15.11 MA | 1 x 220 | 1,3 | 1,0 | 1,3 | 6,4 | 40 |
| GRINDER FX 15.11 TNA | 3 x 380 | 1,2 | 1,0 | 1,3 | 2,6 | 40 |
| GRINDER FX 15.11 TNA | 3 x 460 | 1,2 | 1,0 | 1,3 | 2,0 | 40 |
| GRINDER FX 15.15 MNA | 1 x 115 | 1,9 | 1,4 | 1,8 | 16,9 | 40 |
| GRINDER FX 15.15 MNA | 1 x 220 | 1,8 | 1,4 | 1,8 | 8,3 | 40 |
| GRINDER FX 15.15 MA | 1 x 220 | 1,8 | 1,4 | 1,8 | 8,3 | 40 |
| GRINDER FX 15.15 TNA | 3 x 380 | 1,7 | 1,4 | 1,8 | 3,5 | 40 |
| GRINDER FX 15.15 TNA | 3 x 460 | 1,7 | 1,4 | 1,8 | 2,7 | 40 |
| GRINDER FX 15.22 MNA | 1 x 220 | 2,8 | 2,1 | 2,8 | 12,8 | 40 |
| GRINDER FX 15.22 TNA | 3 x 380 | 2,5 | 2,1 | 2,8 | 5,1 | 40 |
| GRINDER FX 15.22 TNA | 3 x 460 | 2,5 | 2,1 | 2,8 | 3,9 | 40 |



DIMENSIONS AND WEIGHT



| MODEL | FREE PASSAGE | A | B | H | | H1 | DELIVERY | | | | PACKING DIMENSIONS | | | WEIGHT Kg |
|-------------------|--------------|-----|-----|-----|-----|----|----------|---------------------------|--------|--------------|--------------------|-----|-----|-----------|
| | | | | | Ex | | GAS | DN1 | HOLES | D | L/A | L/B | H | |
| GRINDER FX 15.07* | - | 306 | 215 | 404 | 404 | 87 | Rp 1"1/2 | DN32 PN10 / 6 DN40 PN6 | 4 2 | 100-90 90 | 660 | 370 | 400 | 35 |
| GRINDER FX 15.11* | - | 306 | 215 | 404 | 421 | 87 | Rp 1"1/2 | DN32 PN10 / 6 DN40 PN6 | 4 2 | 100-90 90 | 660 | 370 | 400 | 35 |
| GRINDER FX 15.15* | - | 306 | 215 | 413 | 430 | 87 | Rp 1"1/2 | DN32 PN10 / 6 DN40 PN6 | 4 2 | 100-90 90 | 660 | 370 | 400 | 38 |
| GRINDER FX 15.22* | - | 306 | 215 | 430 | 448 | 87 | Rp 1"1/2 | DN32 PN10 / 6 DN40 PN6 | 4 2 | 100-90 90 | 660 | 370 | 400 | 39 |

*Available in Ex version

FEKA FXV

SUBMERSIBLE PUMPS FOR SEWAGE



CE Submersible pump for draining sewage water in commercial building service. It is certified for the European Union standard EN 12050-1 which applies to sewage lifting containing faecal material in buildings and construction sites. Suitable for fixed installations with a coupling or mobile if the pump is placed directly on the bottom of the tank. High-performance super Vortex impeller with integral free passage. Double mechanical seal in silicon carbide completely protected in oil chamber and not in contact with the pumped liquid. Motor shaft in AISI 304 stainless steel, resin-fastened cable gland. The reduced overall dimensions and the outlet ports both flanged and threaded make it ideal for replacements. The pump is designed for quick maintenance thanks to a constructive solution that provides easy access to the main components of the pump. Single-phase versions with integrated capacitor, available with float for automatic operation (MA) with powers up to 1,5 kW. In the three-phase versions the protection is the user's responsibility. ATEX version available for use in potentially explosive environments. (ATES certifications: II2G Ex db IIB T4 GB o IEC EX: Ex db IIB T4 Gb).

- Flow rate maximum** 59,7 m³/h
- Head up to** 18,5 m
- Type of pumped liquid** Waters with filamentary bodies, paper or textile material in the presence of domestic or civil waste
- Free passage**
50 mm or 65 mm depending on the model
- Nominal speed RPM** 3480
- Supported liquid temperature (max)**
+50°C (+60°C for a short period of time)
+40°C for ATEX version
- Flanged and threaded** From 2", DN 50, DN 65
- Impeller type** Vortex
- Class of protection** IP 68
- Motor insulation class** F
- Dry run time** 10 min
- Possible type of installation**
mobile when on the ground, fixed with coupling
- Special versions on request** Different cable lengths, different voltages and frequencies

TECHNICAL DATA

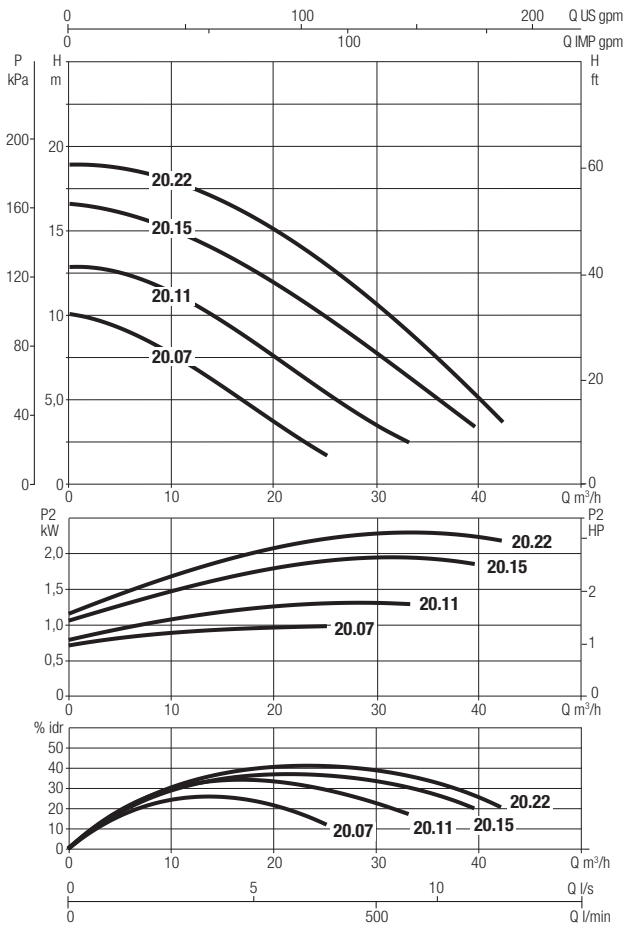
| MODEL | VOLTAGE 60 Hz | P1 MAX W | P2 NOMINAL | | In A | DN mm |
|--------------------|------------------|-------------|------------|-----|---------|----------|
| | | | kW | HP | | |
| FEKA FXV 20.07 MNA | 1 x 115 | 1,5 | 1,0 | 1,3 | 13,2 | 50 |
| FEKA FXV 20.07 MNA | 1 x 220 | 1,3 | 1,0 | 1,3 | 6,1 | 50 |
| FEKA FXV 20.07 MA | 1 x 220 | 1,3 | 1,0 | 1,3 | 6,1 | 50 |
| FEKA FXV 20.07 TNA | 3 x 380 | 1,2 | 1,0 | 1,3 | 2,5 | 50 |
| FEKA FXV 20.07 TNA | 3 x 460 | 1,2 | 1,0 | 1,3 | 2,0 | 50 |
| FEKA FXV 20.11 MNA | 1 x 115 | 1,9 | 1,4 | 1,8 | 17,1 | 50 |
| FEKA FXV 20.11 MNA | 1 x 220 | 1,7 | 1,4 | 1,8 | 8,0 | 50 |
| FEKA FXV 20.11 MA | 1 x 220 | 1,7 | 1,4 | 1,8 | 8,0 | 50 |
| FEKA FXV 20.11 TNA | 3 x 380 | 1,7 | 1,4 | 1,8 | 3,4 | 50 |
| FEKA FXV 20.11 TNA | 3 x 460 | 1,6 | 1,4 | 1,8 | 2,6 | 50 |
| FEKA FXV 20.15 MNA | 1 x 220 | 2,6 | 1,9 | 2,6 | 12,1 | 50 |
| FEKA FXV 20.15 TNA | 3 x 380 | 2,4 | 1,9 | 2,6 | 4,8 | 50 |
| FEKA FXV 20.15 TNA | 3 x 460 | 2,4 | 1,9 | 2,6 | 3,7 | 50 |
| FEKA FXV 20.22 MNA | 1 x 220 | 3,0 | 2,3 | 3,1 | 13,8 | 50 |
| FEKA FXV 20.22 TNA | 3 x 380 | 2,8 | 2,3 | 3,1 | 5,4 | 50 |
| FEKA FXV 20.22 TNA | 3 x 460 | 2,8 | 2,3 | 3,1 | 4,3 | 50 |
| FEKA FXV 25.07 MNA | 1 x 115 | 1,4 | 1,0 | 1,3 | 13,5 | 65 |
| FEKA FXV 25.07 MNA | 1 x 220 | 1,3 | 1,0 | 1,3 | 6,2 | 65 |
| FEKA FXV 25.07 MA | 1 x 220 | 1,3 | 1,0 | 1,3 | 6,2 | 65 |
| FEKA FXV 25.07 TNA | 3 x 380 | 1,2 | 1,0 | 1,3 | 2,5 | 65 |
| FEKA FXV 25.07 TNA | 3 x 460 | 1,3 | 1,0 | 1,3 | 2,0 | 65 |
| FEKA FXV 25.11 MNA | 1 x 115 | 2,0 | 1,4 | 1,8 | 17,7 | 65 |
| FEKA FXV 25.11 MNA | 1 x 220 | 1,7 | 1,4 | 1,8 | 8,0 | 65 |
| FEKA FXV 25.11 MA | 1 x 220 | 1,7 | 1,4 | 1,8 | 8,0 | 65 |
| FEKA FXV 25.11 TNA | 3 x 380 | 1,7 | 1,4 | 1,8 | 3,4 | 65 |
| FEKA FXV 25.11 TNA | 3 x 460 | 1,6 | 1,4 | 1,8 | 2,7 | 65 |
| FEKA FXV 25.15 MNA | 1 x 220 | 2,6 | 1,9 | 2,6 | 12,2 | 65 |
| FEKA FXV 25.15 TNA | 3 x 380 | 2,4 | 1,9 | 2,6 | 4,9 | 65 |
| FEKA FXV 25.15 TNA | 3 x 460 | 2,4 | 1,9 | 2,6 | 3,7 | 65 |
| FEKA FXV 25.22 MNA | 1 x 220 | 3,0 | 2,3 | 3,1 | 13,8 | 65 |
| FEKA FXV 25.22 TNA | 3 x 380 | 2,8 | 2,3 | 3,1 | 5,5 | 65 |
| FEKA FXV 25.22 TNA | 3 x 460 | 2,9 | 2,3 | 3,1 | 4,3 | 65 |

FEKA FXV

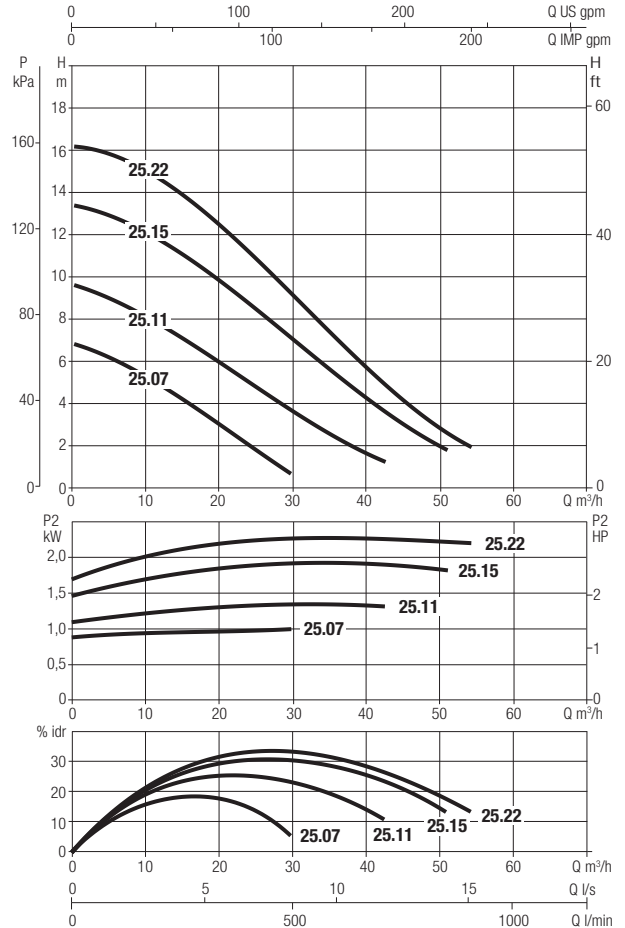
SUBMERSIBLE PUMPS FOR SEWAGE

DCONNECT
 COMMAND AND CONTROL SYSTEMS
 CIRCULATORS AND IN-LINE PUMPS
 MULTISIZE CENTRIFUGAL AND SELF-PRIMING PUMPS
 SWIMMING POOL, POND AND SALT WATER PUMPS
 CENTRIFUGAL PUMPS
 SUBMERSIBLE PUMPS
 SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS
 PRESSURE UNITS

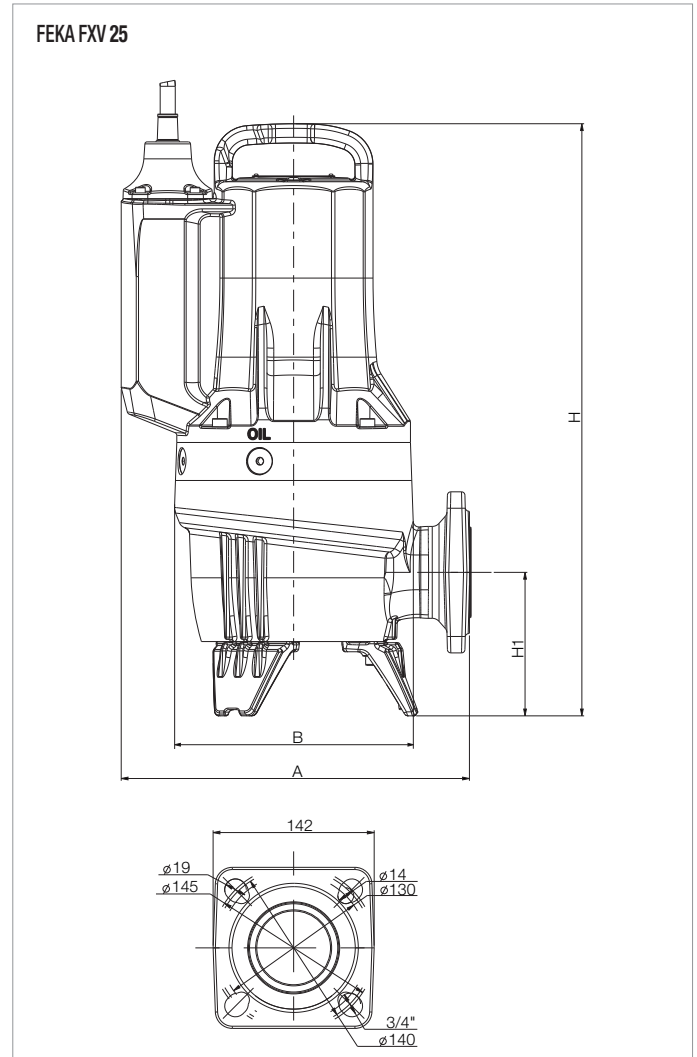
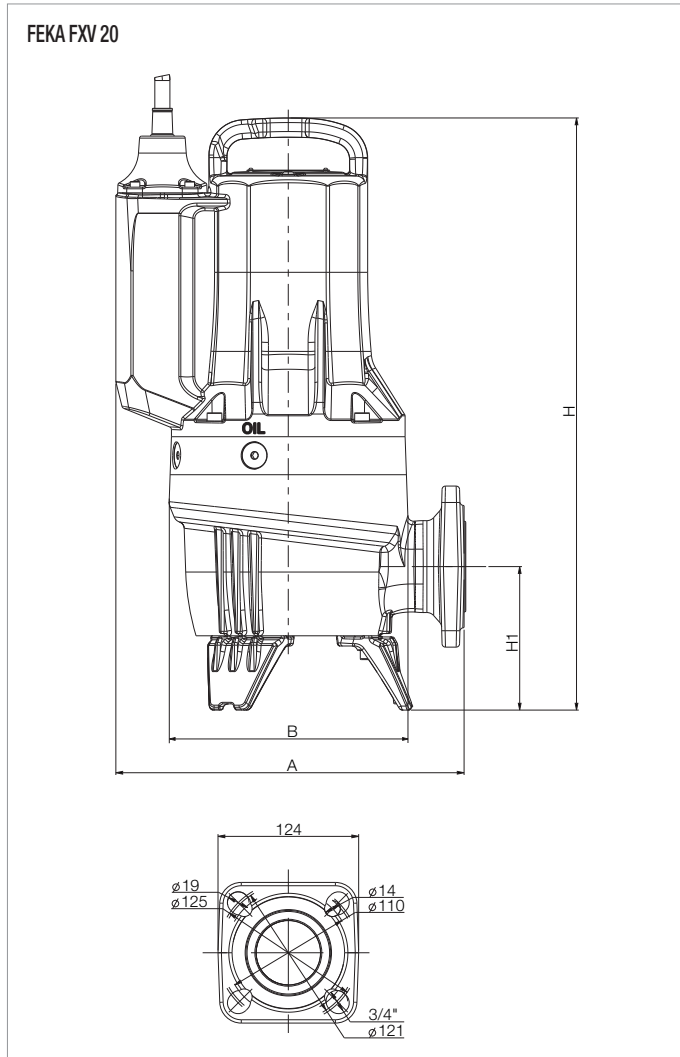
FEKA FXV 20



FEKA FXV 25



DIMENSIONS AND WEIGHT



| MODEL | FREE PASSAGE | A | B | H | | H1 | DELIVERY | | | | PACKING DIMENSIONS | | | WEIGHT Kg |
|-------------------------|--------------|-----|-----|-----|-----|-----|----------|-----------|-------|---------|--------------------|-----|-----|-----------|
| | | | | | Ex | | GAS | DN1 | HOLES | D | L/A | L/B | H | |
| FEKA FXV 20.07* | 50 | 307 | 211 | 464 | 464 | 104 | Rp 2" | 50 PN10/6 | 4 | 125-110 | 660 | 370 | 400 | 35 |
| FEKA FXV 20.11* | 50 | 307 | 211 | 464 | 482 | 104 | Rp 2" | 50 PN10/6 | 4 | 125-110 | 660 | 370 | 400 | 35 |
| FEKA FXV 20.15 MA | 50 | 307 | 211 | 464 | - | 104 | Rp 2" | 50 PN10/6 | 4 | 125-110 | 660 | 370 | 400 | 39 |
| FEKA FXV 20.15 MNA-TNA* | 50 | 307 | 211 | 474 | 492 | 104 | Rp 2" | 50 PN10/6 | 4 | 125-110 | 660 | 370 | 400 | 39 |
| FEKA FXV 20.22* | 50 | 307 | 211 | 492 | 508 | 104 | Rp 2" | 50 PN10/6 | 4 | 125-110 | 660 | 370 | 400 | 40 |
| FEKA FXV 25.07* | 65 | 307 | 211 | 502 | 519 | 124 | - | 65 PN10/6 | 4 | 145-130 | 660 | 370 | 400 | 36 |
| FEKA FXV 25.11* | 65 | 307 | 211 | 502 | 519 | 124 | - | 65 PN10/6 | 4 | 145-130 | 660 | 370 | 400 | 37 |
| FEKA FXV 25.15* | 65 | 307 | 211 | 522 | 539 | 127 | - | 65 PN10/6 | 4 | 145-130 | 660 | 370 | 400 | w43 |
| FEKA FXV 25.22* | 65 | 307 | 211 | 522 | 539 | 127 | - | 65 PN10/6 | 4 | 145-130 | 660 | 370 | 400 | 41 |
| FEKA FXV 25.07.4* | 65 | 335 | 253 | 545 | 545 | 132 | - | 65 PN10/6 | 4 | 145-130 | 660 | 370 | 400 | 45 |
| FEKA FXV 25.12.4* | 65 | 335 | 253 | 545 | 545 | 132 | - | 65 PN10/6 | 4 | 145-130 | 660 | 370 | 400 | 48 |

*Available in Ex version

FEKA FXC

SUBMERSIBLE PUMPS FOR EFFLUENT



CE Submersible pump for the lifting and re-launching of waste water coming from drains in commercial building service.

The pump is certified according to the wastewater standard EN12050-2. Pump suitable for fixed installations with a coupling or mobile device if placed on the bottom of the tank itself. Channel impeller, 50 mm free passage and anti-lock system. Suitable for waste water and waste water without the presence of long fibres, rain water and ground water. The pump is suitable for draining environments subject to flooding, when high flow rates are required. Double mechanical silicon carbide seal completely protected in oil chamber and not in contact with the pumped liquid. AISI 304 stainless steel motor shaft, resin-fastened cable gland, quick-coupling power cable.

The small size and both flanged and threaded discharge ports make it ideal for replacements. Maintenance is fast due to its design that allows easy access to the pump's main components.

Single-phase versions with integrated condenser, available with float for automatic operation (MA) with power up to 1,5 kW. In the three-phase versions the protection is the user's responsibility.

ATEX version available for use in potentially explosive environments. (ATES certifications: II2G Ex db IIB T4 GB o IEC EX: Ex db IIB T4 Gb).

Flow rate maximum 71,4 m³/h

Head up to 19,3 m

Type of pumped liquid clear water, rainwater and sandy water from construction site

Free passage 50 mm

Nominal speed RPM 3480

Supported liquid temperature (max)

+50°C (+60°C for a short period of time)

+40°C for ATEX version

Flanged and threaded From 2", DN 50, DN 65

Impeller type Channel

Class of protection IP 68

Motor insulation class F

Dry run time 10 min

Possible type of installation

mobile when on the ground, fixed with coupling

Special versions on request Different cable lengths, different voltages and frequencies

TECHNICAL DATA

| MODEL | VOLTAGE 60 Hz | P1 MAX W | P2 NOMINAL | | In A | DN mm |
|--------------------|------------------|-------------|------------|-----|---------|----------|
| | | | KW | HP | | |
| FEKA FXC 20.15 MNA | 1 x 115 | 1,6 | 1,1 | 1,5 | 14,2 | 50 |
| FEKA FXC 20.15 MNA | 1 x 220 | 1,5 | 1,1 | 1,5 | 7,2 | 50 |
| FEKA FXC 20.15 MA | 1 x 220 | 1,5 | 1,1 | 1,5 | 7,2 | 50 |
| FEKA FXC 20.15 TNA | 3 x 380 | 1,4 | 1,1 | 1,5 | 3,1 | 50 |
| FEKA FXC 20.15 TNA | 3 x 460 | 1,4 | 1,1 | 1,5 | 2,4 | 50 |
| FEKA FXC 20.22 MNA | 1 x 220 | 2,7 | 2,0 | 2,6 | 12,3 | 50 |
| FEKA FXC 20.22 TNA | 3 x 460 | 2,4 | 2,0 | 2,6 | 3,8 | 50 |
| FEKA FXC 20.22 TNA | 3 x 380 | 2,4 | 2,0 | 2,6 | 4,9 | 50 |
| FEKA FXC 25.15 MNA | 1 x 115 | 1,8 | 1,2 | 1,6 | 15,7 | 65 |
| FEKA FXC 25.15 MNA | 1 x 220 | 1,5 | 1,2 | 1,6 | 7,3 | 65 |
| FEKA FXC 25.15 MA | 1 x 220 | 1,5 | 1,2 | 1,6 | 7,3 | 65 |
| FEKA FXC 25.15 TNA | 3 x 380 | 1,5 | 1,2 | 1,6 | 3,1 | 65 |
| FEKA FXC 25.15 TNA | 3 x 460 | 1,4 | 1,2 | 1,6 | 2,4 | 65 |
| FEKA FXC 25.22 MNA | 1 x 220 | 2,8 | 2,1 | 2,7 | 12,7 | 65 |
| FEKA FXC 25.22 TNA | 3 x 380 | 2,5 | 2,1 | 2,7 | 5,1 | 65 |
| FEKA FXC 25.22 TNA | 3 x 460 | 2,6 | 2,1 | 2,7 | 3,9 | 65 |

FEKA FXC

SUBMERSIBLE PUMPS FOR EFFLUENT

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

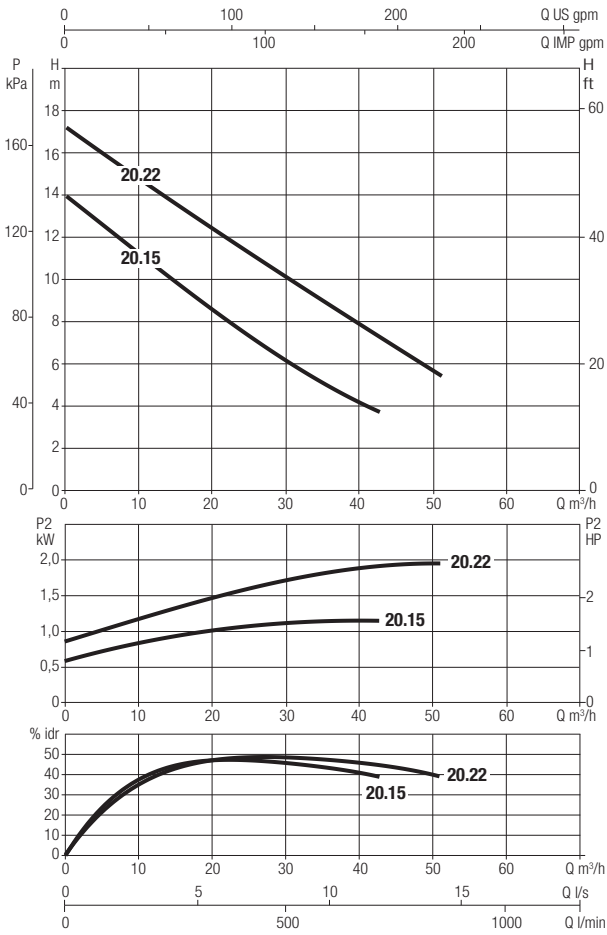
CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

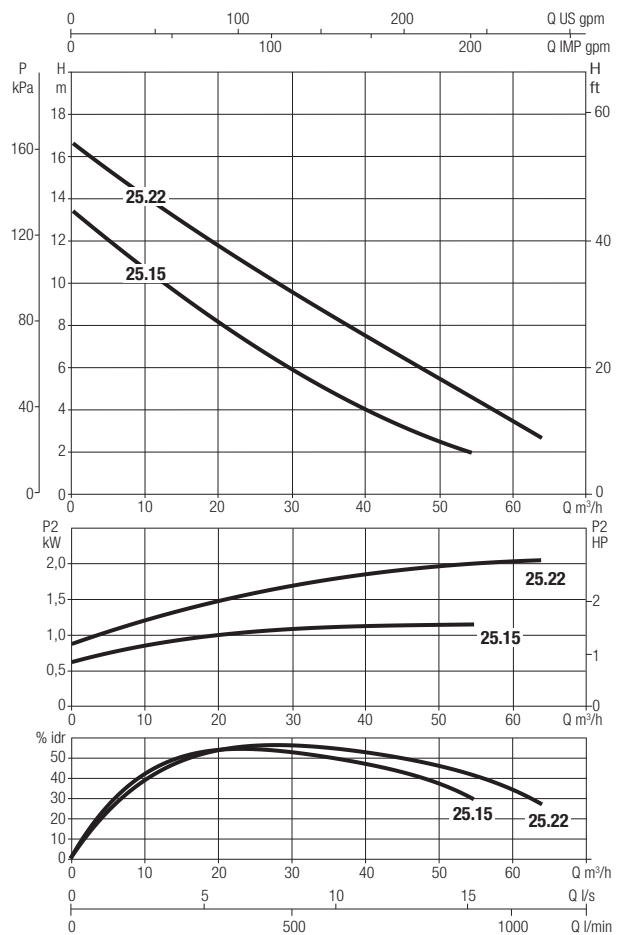
SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

FEKA FXC 20

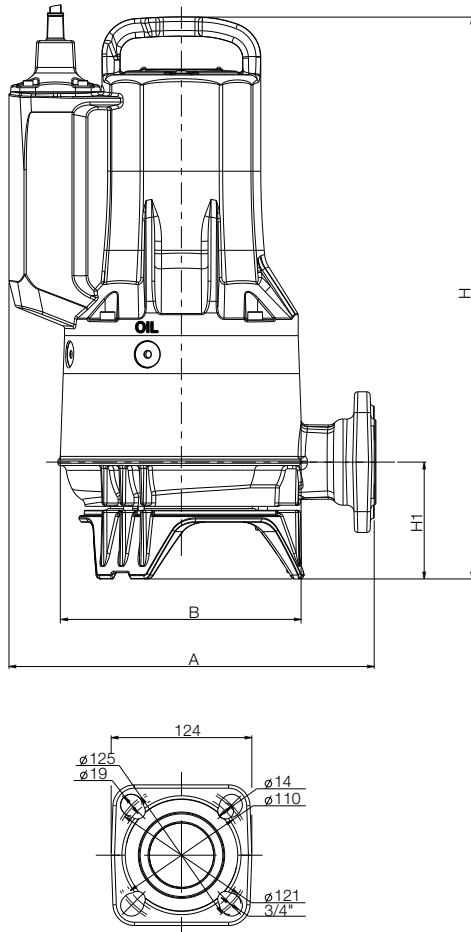


FEKA FXC 25

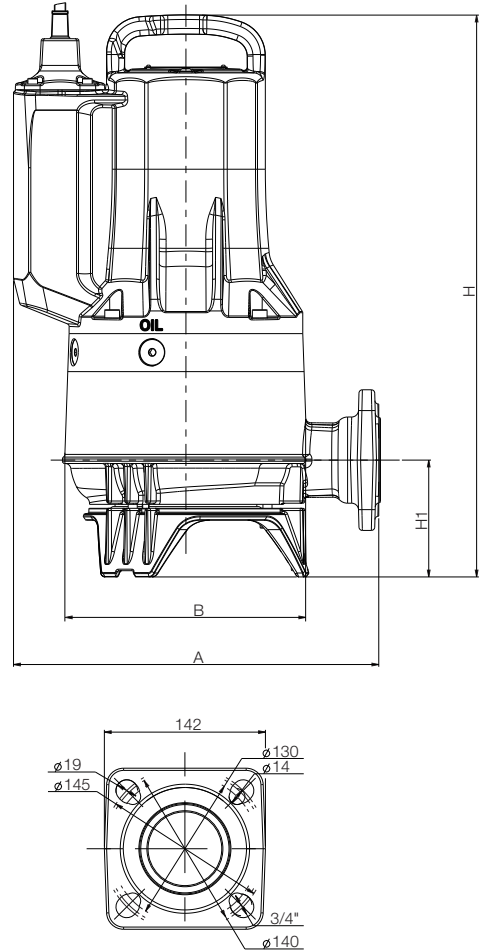


DIMENSIONS AND WEIGHT

FEKA FXC 20



FEKA FXC 25



| MODEL | FREE PASSAGE | A | B | H | | H1 | DELIVERY | | | | PACKING DIMENSIONS | | | WEIGHT Kg |
|---------------------------|--------------|-----|-----|-----|-----|-----|----------|-----------|-------|---------|--------------------|-----|-----|--------------|
| | | | | | Ex | | GAS | DN1 | HOLES | D | L/A | L/B | H | |
| FEKA FXC 20.07* | 50 | 322 | 210 | 468 | 468 | 103 | Rp 2" | 50 PN10/6 | 4 | 125-110 | 660 | 370 | 400 | 37 |
| FEKA FXC 20.11* | 50 | 322 | 210 | 468 | 487 | 103 | Rp 2" | 50 PN10/6 | 4 | 125-110 | 660 | 370 | 400 | 37 |
| FEKA FXC 20.15* | 50 | 322 | 218 | 468 | 496 | 103 | Rp 2" | 50 PN10/6 | 4 | 125-110 | 660 | 370 | 400 | 42 |
| FEKA FXC 20.22 * | 50 | 322 | 218 | 496 | 512 | 103 | Rp 2" | 50 PN10/6 | 4 | 125-110 | 660 | 370 | 400 | 43 |
| FEKA FXC 25.07 MA | 50 | 322 | 210 | 478 | - | 103 | - | 65 PN10/6 | 4 | 145-130 | 660 | 370 | 400 | 37 |
| FEKA FXC 25.07 MNA - TNA* | 50 | 322 | 210 | 468 | 468 | 103 | - | 65 PN10/6 | 4 | 145-130 | 660 | 370 | 400 | 37 |
| FEKA FXC 25.11* | 50 | 322 | 210 | 468 | 486 | 103 | - | 65 PN10/6 | 4 | 145-130 | 660 | 370 | 400 | 38 |
| FEKA FXC 25.15* | 50 | 322 | 218 | 478 | 496 | 103 | - | 65 PN10/6 | 4 | 145-130 | 660 | 370 | 400 | 43 |
| FEKA FXC 25.22 * | 50 | 322 | 218 | 496 | 512 | 103 | - | 65 PN10/6 | 4 | 145-130 | 660 | 370 | 400 | 44 |

*Available in Ex version



CE Design for the pumping of wastewater and sewage from buildings and sites in private, commercial, industrial areas in accordance with European Standard EN 12050-1.

Vortex impeller with maximum solids handling with new no-clogging shape, single channel impeller with high efficiency and compliance with European Standard EN 12050-1. Single-unit cartridge seal with double mechanical seals, SiC-SiC at the pump side, SiC-C at the motor side. All seals are independent of rotation direction. DN 65, DN 80, DN 100 radial slot EN 1092-1 flange discharge.

Liquid Viscosity : 1mm²/s. Premium Efficiency IE3, three-phase, squirrel-cage motor. Continuously S1 rated motor in submerged applications, or discontinuous S3 according to minimum levels. Seal monitoring by a moisture sensor in the seal chamber, which signals an inspection alert if there is leakage at the mechanical seals (optional). Bi-metallic switch in stator windings, with max temperature (150°C). Stainless steel shaft. Designed with high resistance fatigue fracture.

Available in Ex version for use in potentially explosive atmosphere (ATEX certifications: II2G Ex db k IIB T4 or IECEx: Ex db IIB T4 Gb).

Impeller type FKV: Vortex.

FKC: Single channel.

Solid handling 65 ÷ 100 mm

Nominal power 1,1 ÷ 11 kW

Outlet DN 65 / 80 / 100 / 150

Performance range

from 4.3 to 280 m³/h with 41 meters head.

Fluid wastewater and sewage from buildings and sites in private, commercial, industrial areas.

Fluid PH 6.5 ÷ 12.

Fluid temperature range from 0° to +40°C.

For higher temperature please contact our sales offices.

Max installation depth

20 mt (with a proper cable length).

Type of installation fixed by Coupling Unit, portable in vertical position with pedestal. Continuous working with total submerged applications, or discontinuous S3 with respect of minimum levels.

Approvals EN 12050-1 e Ex (ATEX , IECEx).

Degree of protection IP 68

Insulation class F

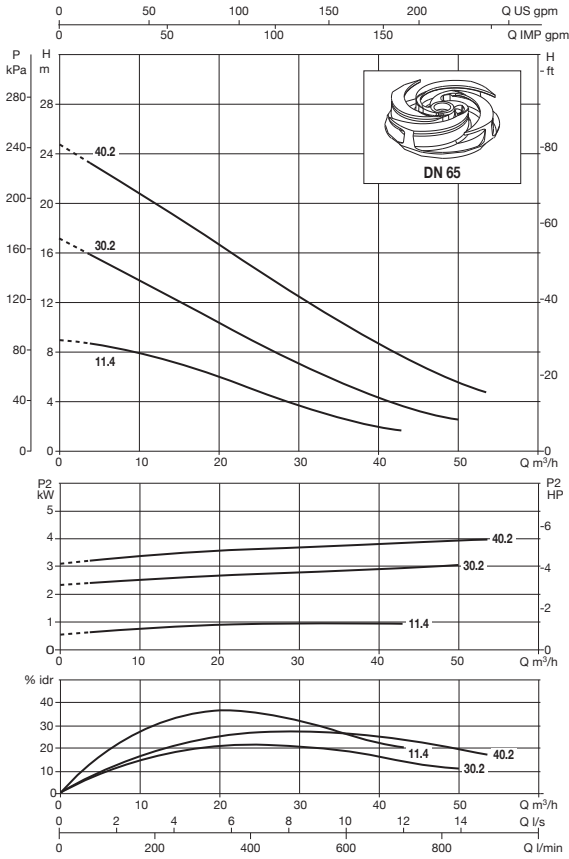
Max STARTING / hours 20

TECHNICAL DATA

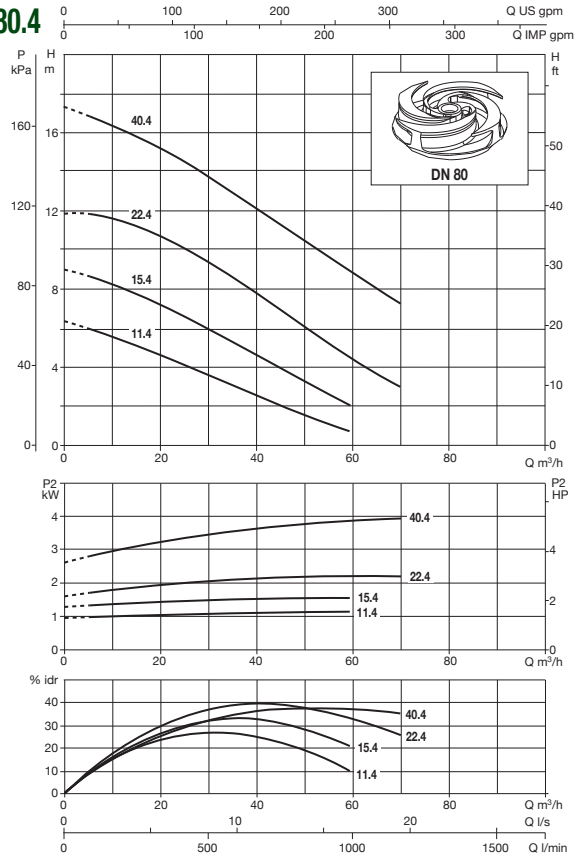
| MODEL | ELECTRICAL DATA | | | | | | | | | |
|--------------|--------------------|--------------|------------|------|----------------|---------|----------|----------------------------|------------------|----------------|
| | VOLTAGE * 60 Hz | P1 MAX kW | P2 NOMINAL | | In A (480V) | Is A | η% MOTOR | NOMINAL SPEED R.P.M. | TYPE OF START | CABLE |
| | | | kW | HP | | | | | | |
| FKV 65 11.4 | 3x380-480 V~ | 1,1 | 1,0 | 1,3 | 2,2 | 10 | 86,1% | 1750 | DOL | 10mt 4G1.5+3x1 |
| FKV 65 30.2 | 3x380-480 V~ | 3,4 | 3,1 | 4,1 | 4,7 | 24 | 89,5% | 3450 | DOL | 10mt 4G1.5+3x1 |
| FKV 65 40.2 | 3x380-480 V~ | 4,6 | 4,0 | 5,4 | 6,1 | 36 | 87,0% | 3450 | DOL | 10mt 4G1.5+3x1 |
| FKV 80 11.4 | 3x380-480 V~ | 1,3 | 1,1 | 1,5 | 2,4 | 11 | 87,0% | 1750 | DOL | 10mt 4G1.5+3x1 |
| FKV 80 15.4 | 3x380-480 V~ | 1,8 | 1,6 | 2,1 | 2,9 | 11 | 88,5% | 1750 | DOL | 10mt 4G1.5+3x1 |
| FKV 80 22.4 | 3x380-480 V~ | 2,5 | 2,2 | 3,0 | 3,7 | 12 | 88,3% | 1750 | DOL | 10mt 4G1.5+3x1 |
| FKV 80 40.4 | 3x380-480 V~ | 4,5 | 4,0 | 5,3 | 6,6 | 32 | 88,7% | 1750 | DOL | 10mt 4G1.5+3x1 |
| FKV 80 40.2 | 3x380-480 V~ | 5,0 | 4,4 | 5,9 | 6,9 | 37 | 87,1% | 3450 | DOL | 10mt 4G1.5+3x1 |
| FKV 80 60.2 | 3x380-480 V~ | 7,6 | 6,7 | 9,0 | 10,1 | 53 | 88,4% | 3450 | Y/D | 10mt 7G2,5+3x1 |
| FKV 80 75.2 | 3x380-480 V~ | 9,3 | 8,2 | 11,0 | 12,2 | 45 | 88,8% | 3450 | Y/D | 10mt 7G2,5+3x1 |
| FKV 80 110.2 | 3x380-480 V~ | 12,9 | 11,8 | 15,9 | 17,0 | 170 | 91,5% | 3450 | Y/D | 10mt 7G2,5+3x1 |
| FKV 100 30.4 | 3x380-480 V~ | 3,5 | 3,1 | 4,2 | 5,5 | 32 | 88,3% | 1750 | DOL | 10mt 4G1.5+3x1 |
| FKV 100 40.4 | 3x380-480 V~ | 4,7 | 4,1 | 5,6 | 6,9 | 32 | 88,6% | 1750 | DOL | 10mt 4G1.5+3x1 |
| FKV 100 55.4 | 3x380-480 V~ | 6,3 | 5,7 | 7,6 | 9,2 | 65 | 90,9% | 1750 | Y/D | 10mt 7G2,5+3x1 |
| FKV 100 75.4 | 3x380-480 V~ | 8,6 | 7,8 | 10,4 | 12,1 | 68 | 90,0% | 1750 | Y/D | 10mt 7G2,5+3x1 |

* Also available version 3x220-277 V~

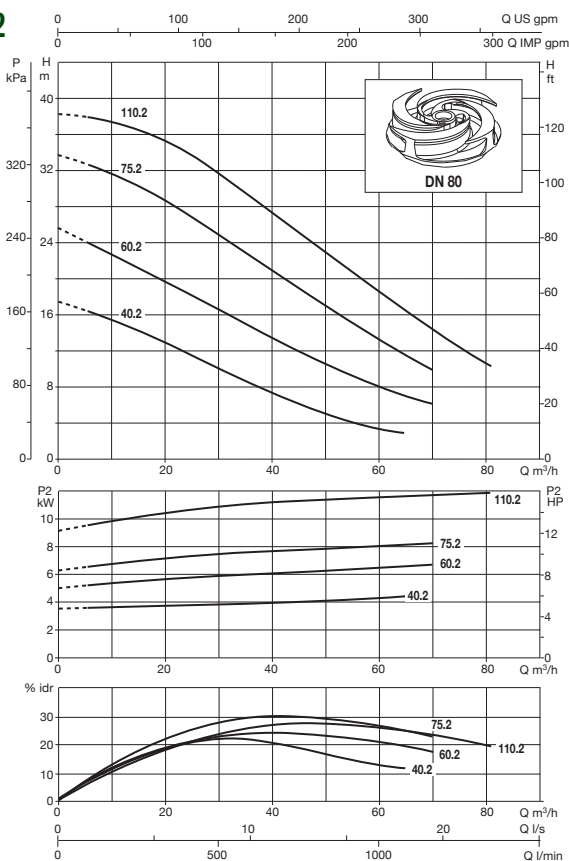
DN 65



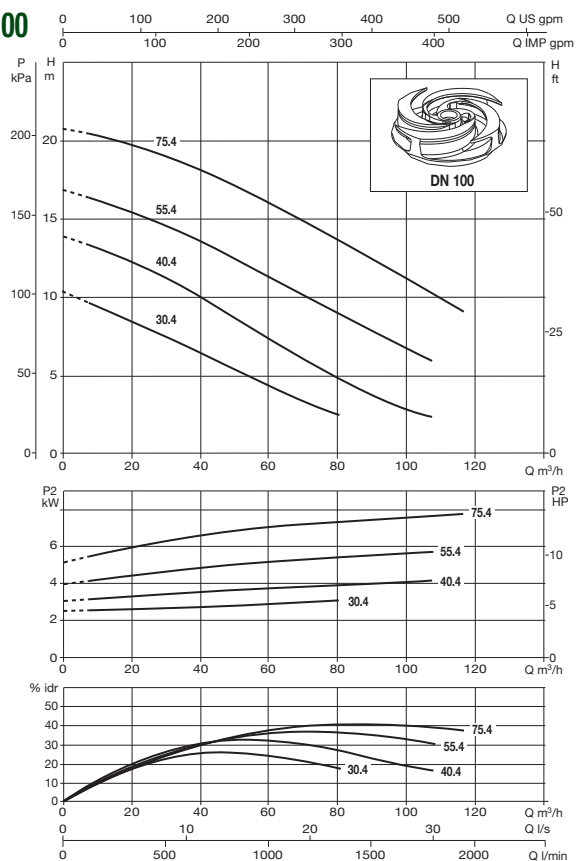
DN 80.4



DN 80.2

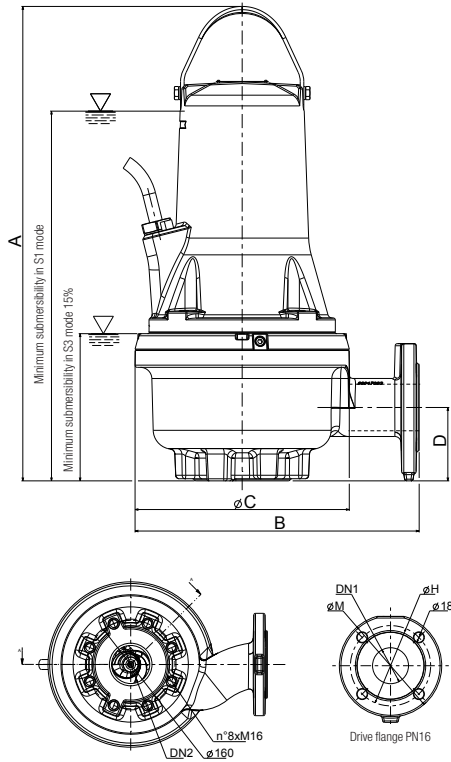


DN 100

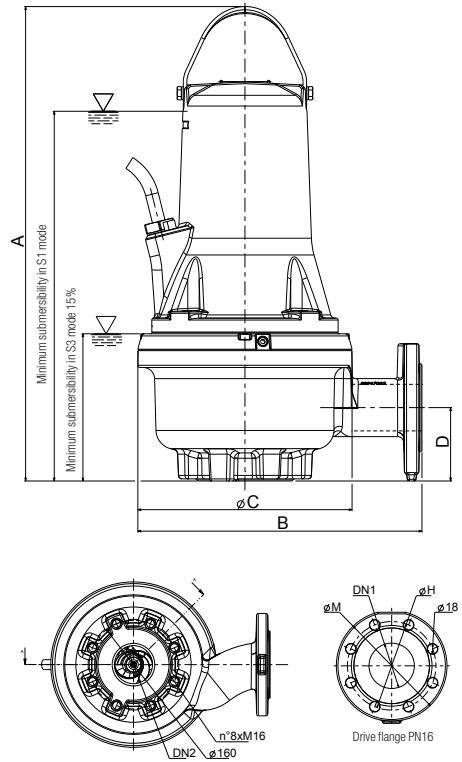


DIMENSIONS AND WEIGHT

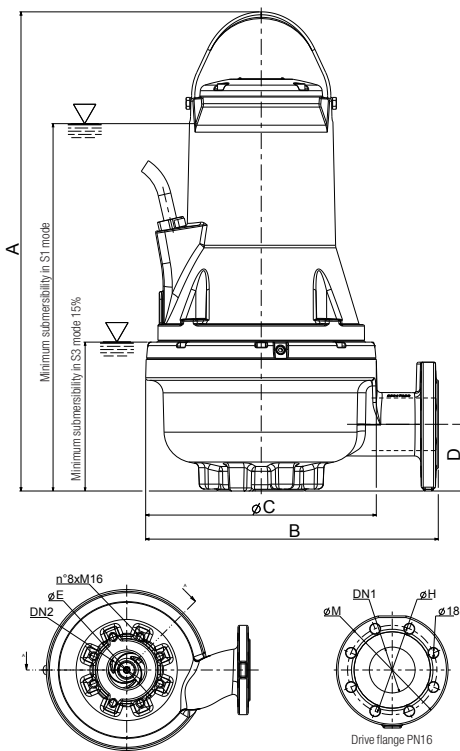
65



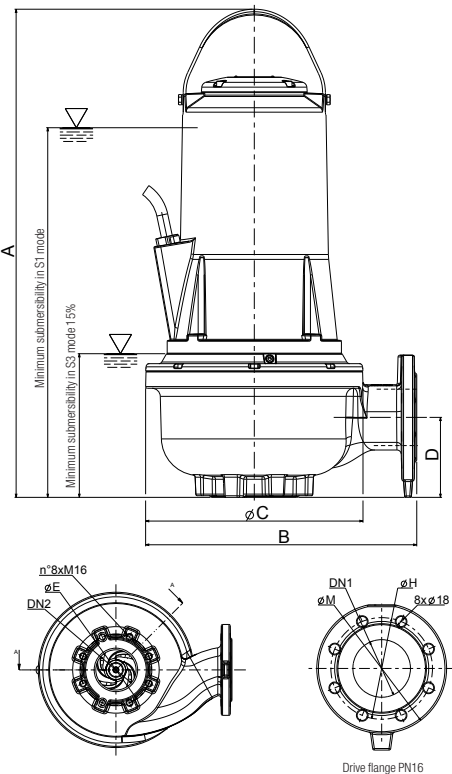
80.4



80.2



100



FKV SUBMERSIBLE PUMPS

| MODEL | FREE PASSAGE mm | A | B | C | D | S1 | S3 | DN2 | FLANGE size EN 1092-1 PN16 | | | | PACKING DIMENSIONS | | | WEIGHT Kg |
|--------------|-----------------|-----|-----|-----|-----|-----|-----|-----|----------------------------|-----|-----|----------|--------------------|-----|-----|-----------|
| | | | | | | | | | DN1 | M | H | N° holes | L/A | L/B | H | |
| FKV 65 11.4 | 55 | 662 | 396 | 300 | 102 | 515 | 206 | 65 | 65 | 185 | 145 | 4 | 830 | 430 | 603 | 94 |
| FKV 65 22.2 | 65 | 662 | 396 | 300 | 102 | 515 | 206 | 65 | 65 | 185 | 145 | 4 | 830 | 430 | 603 | 94 |
| FKV 65 30.2 | 65 | 662 | 396 | 300 | 102 | 515 | 206 | 65 | 65 | 185 | 145 | 4 | 830 | 430 | 603 | 94 |
| FKV 65 40.2 | 65 | 720 | 456 | 360 | 106 | 585 | 245 | 65 | 65 | 185 | 145 | 4 | 1030 | 530 | 668 | 143 |
| FKV 80 11.4 | 80 | 686 | 409 | 336 | 109 | 540 | 230 | 80 | 80 | 200 | 160 | 8 | 830 | 430 | 603 | 103 |
| FKV 80 15.4 | 80 | 686 | 409 | 336 | 109 | 540 | 230 | 80 | 80 | 200 | 160 | 8 | 830 | 430 | 603 | 103 |
| FKV 80 22.4 | 80 | 686 | 409 | 336 | 109 | 540 | 230 | 80 | 80 | 200 | 160 | 8 | 830 | 430 | 603 | 104 |
| FKV 80 40.4 | 80 | 749 | 460 | 386 | 109 | 575 | 235 | 80 | 80 | 200 | 160 | 8 | 1030 | 530 | 668 | 172 |
| FKV 80 40.2 | 80 | 747 | 456 | 360 | 104 | 575 | 235 | 80 | 80 | 200 | 160 | 8 | 1030 | 530 | 668 | 148 |
| FKV 80 60.2 | 80 | 747 | 456 | 360 | 104 | 575 | 235 | 80 | 80 | 200 | 160 | 8 | 1030 | 530 | 668 | 152 |
| FKV 80 75.2 | 80 | 747 | 456 | 360 | 104 | 575 | 235 | 80 | 80 | 200 | 160 | 8 | 1030 | 530 | 668 | 152 |
| FKV 80 92.2 | 80 | 863 | 488 | 390 | 123 | 650 | 240 | 80 | 80 | 200 | 160 | 8 | 1030 | 530 | 668 | 202 |
| FKV 80 110.2 | 80 | 863 | 488 | 390 | 123 | 650 | 240 | 80 | 80 | 200 | 160 | 8 | 1030 | 530 | 668 | 202 |
| FKV 100 30.4 | 100 | 760 | 457 | 360 | 134 | 585 | 245 | 100 | 100 | 230 | 180 | 8 | 1030 | 530 | 668 | 166 |
| FKV 100 40.4 | 100 | 760 | 457 | 360 | 134 | 585 | 245 | 100 | 100 | 230 | 180 | 8 | 1030 | 530 | 668 | 166 |
| FKV 100 55.4 | 100 | 883 | 490 | 390 | 123 | 670 | 230 | 100 | 100 | 230 | 180 | 8 | 1030 | 530 | 668 | 220 |
| FKV 100 75.4 | 100 | 883 | 490 | 390 | 123 | 670 | 230 | 100 | 100 | 230 | 180 | 8 | 1030 | 530 | 668 | 220 |

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS


SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

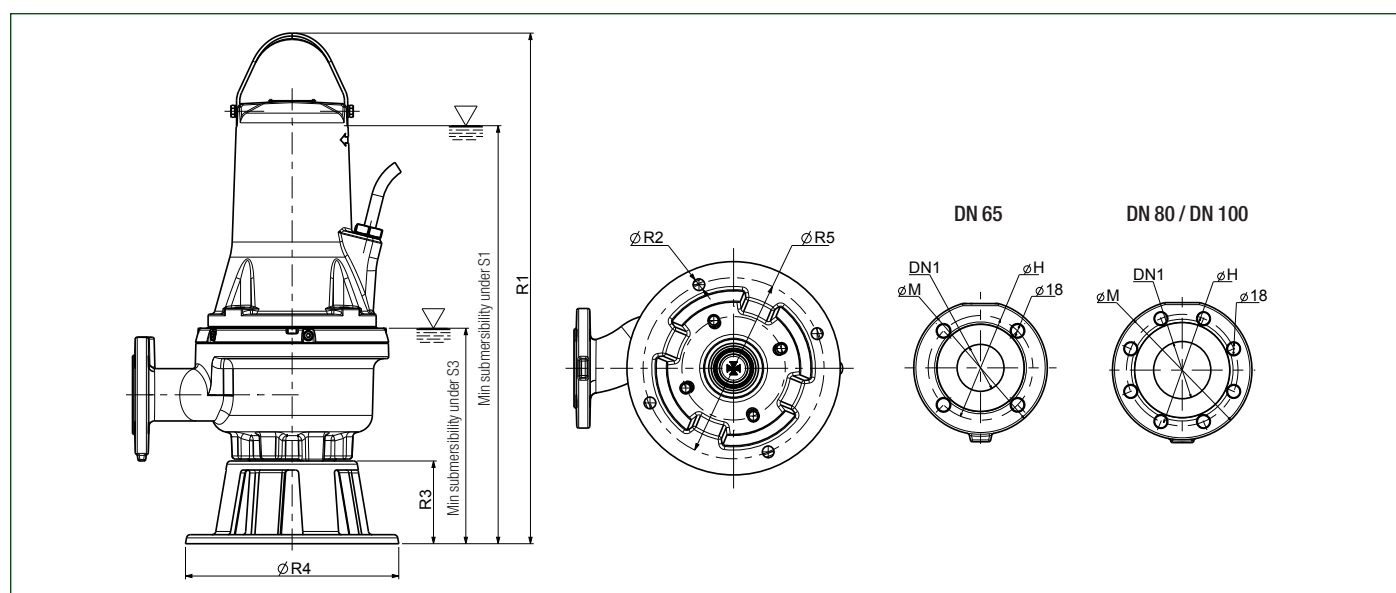
ACCESSORIES

FKV - RINGSTAND

The Ringstand is useful for portable installation when a rapid pump positioning in the tank is needed, ensuring high stability thanks to a large contact surface.


| DESCRIPTION | GENERAL FEATURES | FKV 65 | FKV 80 | FKV 100 | PACKAGING DIMENSION | | | WEIGHT Kg |
|---|---|--------|--------|---------|---------------------|-----|-----|-----------|
| | | | | | L/A | L/B | H | |
|  RINGSTAND 0330 FK RINGSTAND 0355 FK | - EN GJL200 - Screws Stainless Steel A2 - Two Component Coating | x | x | | 360 | 360 | 160 | 10,5 |
| | | | | x | | | | 11,4 |

| MODEL | R1 | R2 | R3 | R4 | R5 | S1 | S3 | FLANGE DIMENSION EN 1092-1 PN16 | | | |
|------------------------|------|----|-----|-----|-----|-----|-----|---------------------------------|-----|-----|----------|
| | | | | | | | | DN1 | M | H | N° HOLES |
| FKV 65 11.4 T5 400D | 790 | 18 | 128 | 330 | 280 | 643 | 334 | 65 | 185 | 145 | 4 |
| FKV 65 22.2 T5 400D | 790 | 18 | 128 | 330 | 280 | 643 | 334 | 65 | 185 | 145 | 4 |
| FKV 65 30.2 T5 400D | 790 | 18 | 128 | 330 | 280 | 643 | 334 | 65 | 185 | 145 | 4 |
| FKV 65 40.2 T5 400D | 848 | 18 | 128 | 330 | 280 | 713 | 373 | 65 | 185 | 145 | 4 |
| FKV 80 11.4 T5 400D | 814 | 18 | 128 | 330 | 280 | 668 | 358 | 80 | 200 | 160 | 8 |
| FKV 80 15.4 T5 400D | 814 | 18 | 128 | 330 | 280 | 668 | 358 | 80 | 200 | 160 | 8 |
| FKV 80 22.4 T5 400D | 814 | 18 | 128 | 330 | 280 | 668 | 358 | 80 | 200 | 160 | 8 |
| FKV 80 40.4 T5 400D | 877 | 18 | 128 | 330 | 280 | 703 | 363 | 80 | 200 | 160 | 8 |
| FKV 80 40.2 T5 400D | 875 | 18 | 128 | 330 | 280 | 703 | 363 | 80 | 200 | 160 | 8 |
| FKV 80 60.2 T5 400Y/D | 875 | 18 | 128 | 330 | 280 | 703 | 363 | 80 | 200 | 160 | 8 |
| FKV 80 75.2 T5 400Y/D | 875 | 18 | 128 | 330 | 280 | 703 | 363 | 80 | 200 | 160 | 8 |
| FKV 80 92.2 T5 400Y/D | 991 | 18 | 128 | 330 | 280 | 778 | 368 | 80 | 200 | 160 | 8 |
| FKV 80 110.2 T5 400Y/D | 991 | 18 | 128 | 330 | 280 | 778 | 368 | 80 | 200 | 160 | 8 |
| FKV 100 30.4 T5 400D | 890 | 19 | 130 | 355 | 300 | 715 | 375 | 100 | 230 | 180 | 8 |
| FKV 100 40.4 T5 400D | 890 | 19 | 130 | 355 | 300 | 715 | 375 | 100 | 230 | 180 | 8 |
| FKV 100 55.4 T5 400Y/D | 1013 | 19 | 130 | 355 | 300 | 800 | 390 | 100 | 230 | 180 | 8 |
| FKV 100 75.4 T5 400Y/D | 1013 | 19 | 130 | 355 | 300 | 800 | 390 | 100 | 230 | 180 | 8 |

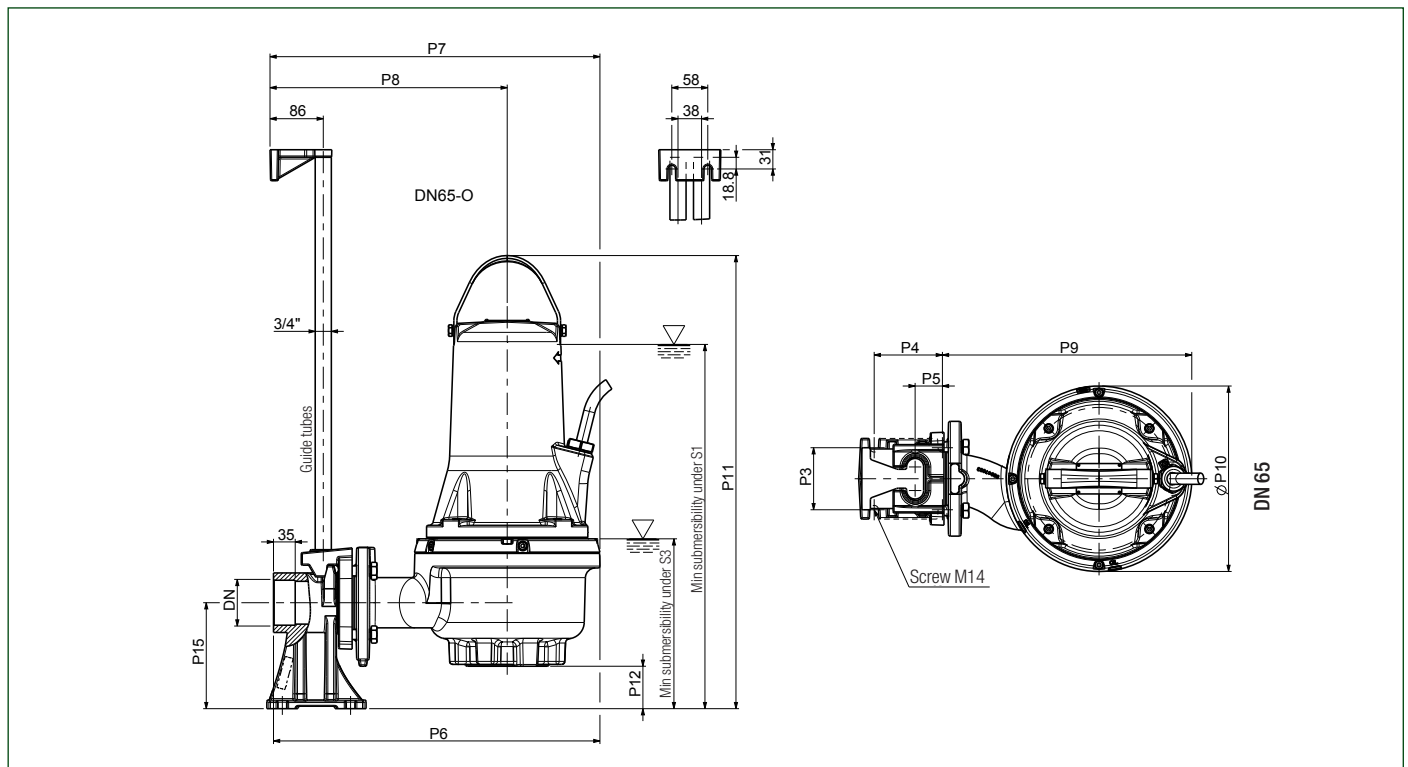


FKV - COUPLING UNIT WITH HORIZONTAL OUTLET DA-O (DN65)

The coupling unit devices for fixed installation facilitate the ascent and descent of the pump in the tank. They come complete with all necessary components for installation with the exception of guide rails.


| DESCRIPTION | GENERAL FEATURES | FKV 65 | FKV 80 | FKV 100 | PACKAGING DIMENSION | | | WEIGHT Kg |
|---|---|--------|--------|---------|---------------------|-----|-----|-----------|
| | | | | | L/A | L/B | H | |
|  <p>DA-065 COUPLING UNIT DN65</p> | <ul style="list-style-type: none"> - EN GJL200 - Screws Stainless Steel A2 - Two Component Coating | x | | | 160 | 180 | 240 | 12,5 |

| MODEL | DN | P3 | P4 | P5 | P6 | P7 | P8 | P9 | P10 | P11 | P12 | P15 | S1 | S3 |
|----------------------------|-----------|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| FKV 65 11.4 T5 400D | Rp 2" 1/2 | 100 | 110 | 44 | 526 | 532 | 382 | 402 | 300 | 730 | 68 | 171 | 583 | 274 |
| FKV 65 22.2 T5 400D | Rp 2" 1/2 | 100 | 110 | 44 | 526 | 532 | 382 | 402 | 300 | 730 | 68 | 171 | 583 | 274 |
| FKV 65 30.2 T5 400D | Rp 2" 1/2 | 100 | 110 | 44 | 526 | 532 | 382 | 402 | 300 | 730 | 68 | 171 | 583 | 274 |
| FKV 65 40.2 T5 400D | Rp 2" 1/2 | 100 | 110 | 44 | 526 | 532 | 382 | 402 | 300 | 730 | 68 | 171 | 650 | 310 |

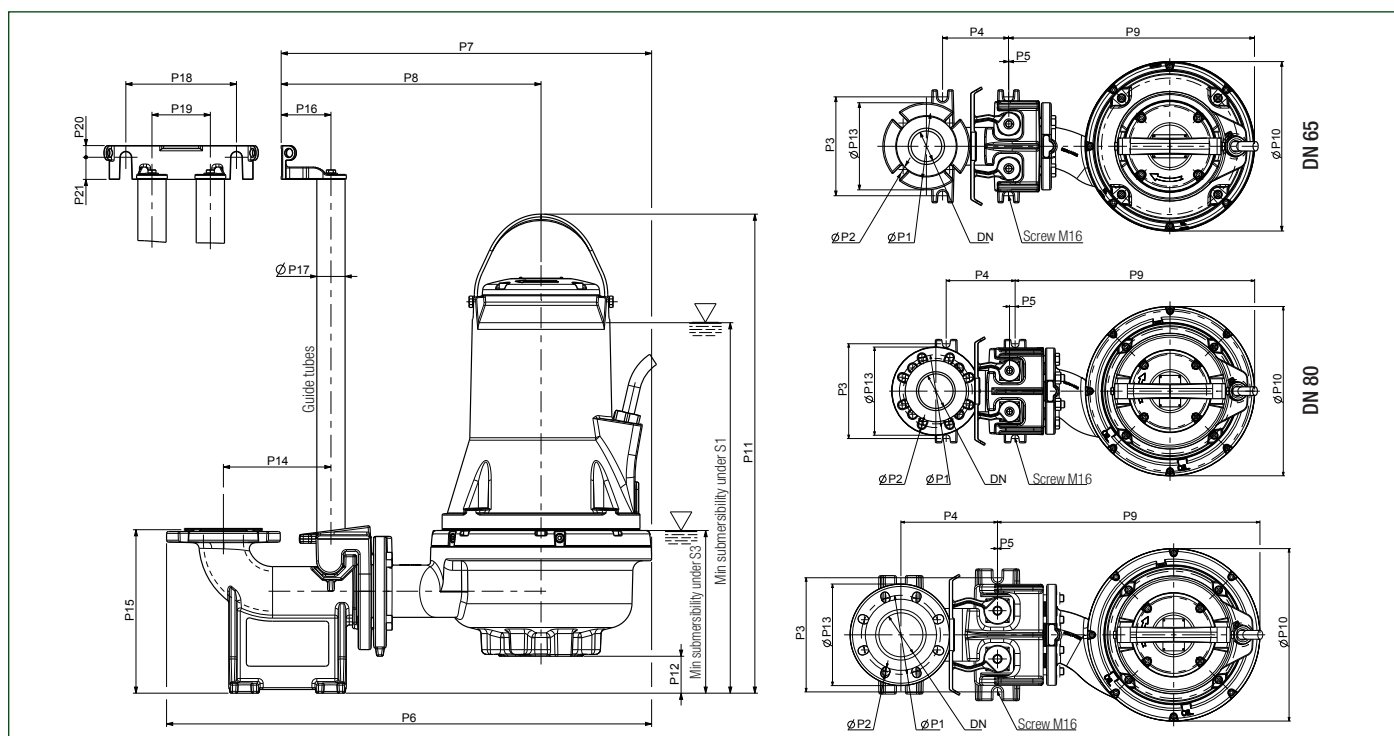


FKV - COUPLING UNIT WITH VERTICAL OUTLET DA-V (DN65 ÷ DN100)

The coupling unit devices for fixed installation facilitate the ascent and descent of the pump in the tank. They come complete with all necessary components for installation with the exception of guide rails.

| DESCRIPTION | GENERAL FEATURES | FKV 65 | FKV 80 | FKV 100 | PACKAGING DIMENSION | | | WEIGHT Kg |
|--|-----------------------------|--------|--------|---------|---------------------|-----|-----|-----------|
| | | | | | L/A | L/B | H | |
|  DA-V65 COUPLING UNIT DN65 DA-V80 COUPLING UNIT DN80 DA-V100 COUPLING UNIT DN100 | - EN GJL200 | x | | | 599 | 399 | 557 | 25 |
| | - Tornillos INOX A2 | | x | | | | | 31,5 |
| | - Barnizado bicomponente | | | x | | | | 60 |
| | - Junta de estanqueidad NBR | | | | | | | |

| MODEL | DN | P1 | P2 | P3 | P4 | P5 | P6 | P7 | P8 | P9 | P10 | P11 | P12 | P13 | P14 | P15 | P16 | P17 | P18 | P19 | P20 | P21 | S1 | S3 |
|------------------------|-----|---------|-------------|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|-----|-----|-----|-----|-----|-----|
| FKV 65 11.4 T5 400D | 65 | 145 | 4xø18 | 210 | 140 | 1 | 730 | 543 | 394 | 463 | 300 | 725 | 63 | 185 | 175 | 266 | 81 | 1" 1/2 | 180 | 95 | 19 | 36 | 578 | 269 |
| FKV 65 22.2 T5 400D | 65 | 145 | 4xø18 | 210 | 140 | 1 | 730 | 543 | 394 | 463 | 300 | 725 | 63 | 185 | 175 | 266 | 81 | 1" 1/2 | 180 | 95 | 19 | 36 | 578 | 269 |
| FKV 65 30.2 T5 400D | 65 | 145 | 4xø18 | 210 | 140 | 1 | 730 | 543 | 394 | 463 | 300 | 725 | 63 | 185 | 175 | 266 | 81 | 1" 1/2 | 180 | 95 | 19 | 36 | 578 | 269 |
| FKV 65 40.2 T5 400D | 65 | 145 | 4xø18 | 210 | 140 | 1 | 790 | 603 | 423 | 523 | 360 | 780 | 60 | 185 | 175 | 266 | 81 | 1" 1/2 | 180 | 95 | 19 | 36 | 645 | 305 |
| FKV 80 11.4 T5 400D | 80 | 150+160 | 4xø19+8xø18 | 220 | 160 | 13 | 762 | 570 | 402 | 489 | 336 | 777 | 91 | 205 | 171 | 345 | 81 | 1" 1/2 | 180 | 95 | 19 | 36 | 631 | 321 |
| FKV 80 15.4 T5 400D | 80 | 150+160 | 4xø19+8xø18 | 220 | 160 | 13 | 762 | 570 | 402 | 489 | 336 | 777 | 91 | 205 | 171 | 345 | 81 | 1" 1/2 | 180 | 95 | 19 | 36 | 631 | 321 |
| FKV 80 22.4 T5 400D | 80 | 150+160 | 4xø19+8xø18 | 220 | 160 | 13 | 762 | 570 | 402 | 489 | 336 | 777 | 91 | 205 | 171 | 345 | 81 | 1" 1/2 | 180 | 95 | 19 | 36 | 631 | 321 |
| FKV 80 40.4 T5 400D | 80 | 150+160 | 4xø19+8xø18 | 220 | 160 | 13 | 813 | 620 | 427 | 527 | 386 | 842 | 91 | 205 | 209 | 345 | 81 | 1" 1/2 | 180 | 95 | 19 | 36 | 666 | 326 |
| FKV 80 40.2 T5 400D | 80 | 150+160 | 4xø19+8xø18 | 220 | 160 | 13 | 809 | 617 | 437 | 523 | 360 | 843 | 96 | 205 | 171 | 345 | 81 | 1" 1/2 | 180 | 95 | 19 | 36 | 671 | 331 |
| FKV 80 60.2 T5 400Y/D | 80 | 150+160 | 4xø19+8xø18 | 220 | 160 | 13 | 809 | 617 | 437 | 523 | 360 | 843 | 96 | 205 | 171 | 345 | 81 | 1" 1/2 | 180 | 95 | 19 | 36 | 671 | 331 |
| FKV 80 75.2 T5 400Y/D | 80 | 150+160 | 4xø19+8xø18 | 220 | 160 | 13 | 842 | 650 | 454 | 556 | 390 | 940 | 77 | 205 | 171 | 345 | 81 | 1" 1/2 | 180 | 95 | 19 | 36 | 727 | 317 |
| FKV 80 92.2 T5 400Y/D | 80 | 150+160 | 4xø19+8xø18 | 220 | 160 | 13 | 842 | 650 | 454 | 556 | 390 | 940 | 77 | 205 | 171 | 345 | 81 | 1" 1/2 | 180 | 95 | 19 | 36 | 727 | 317 |
| FKV 80 110.2 T5 400Y/D | 80 | 150+160 | 4xø19+8xø18 | 220 | 160 | 13 | 842 | 650 | 454 | 556 | 390 | 940 | 77 | 205 | 171 | 345 | 81 | 1" 1/2 | 180 | 95 | 19 | 36 | 727 | 317 |
| FKV 100 30.4 T5 400D | 100 | 180 | 8xø18 | 260 | 220 | 0 | 900 | 675 | 495 | 565 | 360 | 866 | 106 | 230 | 220 | 413 | 110 | 2" | 200 | 110 | 20 | 35 | 691 | 351 |
| FKV 100 40.4 T5 400D | 100 | 180 | 8xø18 | 260 | 220 | 0 | 900 | 675 | 495 | 565 | 360 | 866 | 106 | 230 | 220 | 413 | 110 | 2" | 200 | 110 | 20 | 35 | 691 | 351 |
| FKV 100 55.4 T5 400Y/D | 100 | 180 | 8xø18 | 260 | 220 | 0 | 934 | 708 | 512 | 597 | 390 | 979 | 96 | 230 | 220 | 413 | 110 | 2" | 200 | 110 | 20 | 35 | 766 | 356 |
| FKV 100 75.4 T5 400Y/D | 100 | 180 | 8xø18 | 260 | 220 | 0 | 934 | 708 | 512 | 597 | 390 | 979 | 96 | 230 | 220 | 413 | 110 | 2" | 200 | 110 | 20 | 35 | 766 | 356 |



GENIX

AUTOMATIC LIFTING STATIONS

GENIX



GENIX WL



Its use is needful whenever the wastewater coming from the WC, the shower, the washbasin or the bidet cannot be expelled by gravity. GENIX models normally have a front WC connection. The difference in the GENIX WL is the side WC connection, specifically designed for WC wall-mounted installations or where there is no room enough behind the WC. In the model 130, beside the WC, three more lines can be connected, such as shower, washbasin, bidet or bathtub. The models offered stand out for silent running, even more improved in the Comfort version. The pump, powerful and reliable, and the grinding system, with blades in nickel plated stainless steel, make together a long lasting and basically daily maintenance-free product. Extremely easy the maintenance in case of clog or motor blocking, with the possibility to dismount the motor subassembly only operating on two screws, and with the unique discharge tap that will allow a clean, and free of problems, maintenance. In case of blockage, the motor unit can be accessed from the outside, with no need to remove the product. Extraordinary maintenance will be extremely easy, clean and without issues. The installation kit comes with easy-connect fittings adaptable to various pipe sections and including built-in non-return valves.

Available, as accessories, an acoustic alarm anti-flooding and an adaptor pipe, to adapt the GENIX to a vast majority of existing installations.

Liquid temperature range From 0° to +50°C.

Liquid pumped

Sewage water containing fecal matter as regulated by EN 12050-3.

Third parts certifications

VDE-GS, LGA, VDE-EMC.

Tank capacity and delivery approved for flush volumes of 6 and 9 liters as regulated by EN 12050-3.

International Protection grade IP44.

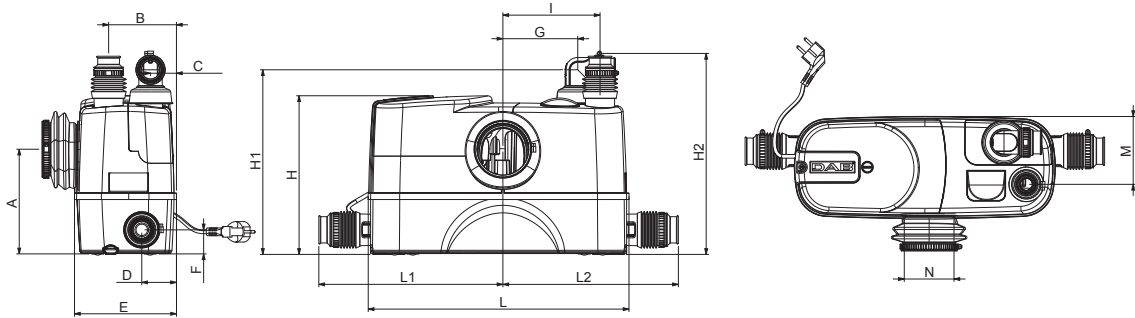
TECHNICAL DATA

| MODEL | ELECTRICAL DATA | | | | HYDRAULIC DATA | | |
|-------------------|------------------|-------------|------------|------|----------------|-------------|--------------|
| | VOLTAGE 60 HZ | P1 MAX W | P2 NOMINAL | | In A | H Max ft | Q Max Gpm |
| | | | kW | HP | | | |
| GENIX 110 | 1 x 115V ~ | 550 | 0,40 | 0,53 | 5 | 26 | 25 |
| GENIX 130 | 1 x 115V ~ | 550 | 0,40 | 0,53 | 5 | 26 | 25 |
| GENIX COMFORT 110 | 1 x 115V ~ | 550 | 0,40 | 0,53 | 5 | 26 | 25 |
| GENIX COMFORT 130 | 1 x 115V ~ | 550 | 0,40 | 0,53 | 5 | 26 | 25 |
| GENIX WL 110 | 1 x 115V ~ | 550 | 0,40 | 0,53 | 5 | 26 | 25 |
| GENIX WL 130 | 1 x 115V ~ | 550 | 0,40 | 0,53 | 5 | 26 | 25 |

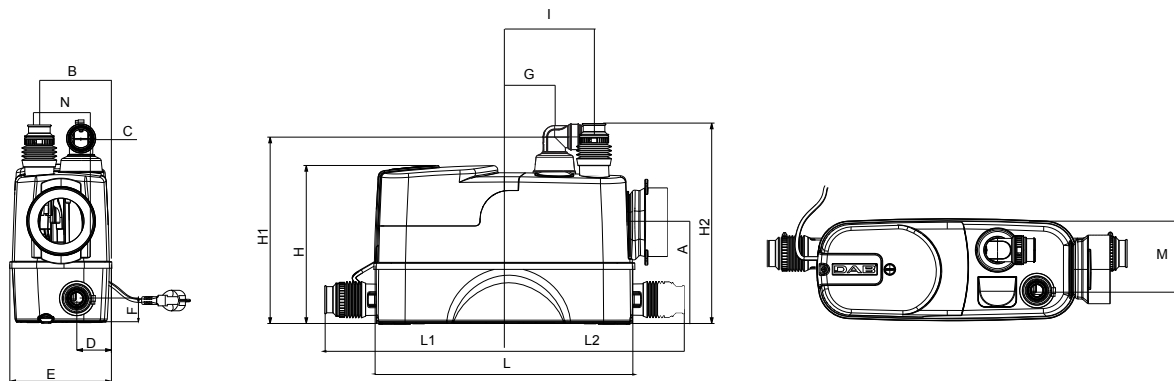
ACCESSORIES



GENIX



GENIX WL



| MODEL | ELECTRICAL DATA | | | | |
|-------------------|------------------|-------------|------------|------|---------|
| | VOLTAGE 60 HZ | P1 MAX W | P2 NOMINAL | | In A |
| | | | kW | HP | |
| GENIX 110 | 1 x 230 V ~ | 490 | 0,32 | 0,44 | 2,3 |
| GENIX 130 | 1 x 230 V ~ | 490 | 0,32 | 0,44 | 2,3 |
| GENIX COMFORT 110 | 1 x 230 V ~ | 490 | 0,32 | 0,44 | 2,3 |
| GENIX COMFORT 130 | 1 x 230 V ~ | 490 | 0,32 | 0,44 | 2,3 |
| GENIX WL 110 | 1 x 230 V ~ | 490 | 0,32 | 0,44 | 2,3 |
| GENIX WL 130 | 1 x 230 V ~ | 490 | 0,32 | 0,44 | 2,3 |

| MODEL | A | B | C | D | E | F | G | H | H1 | H2 | I | L | L1 | L2 | M | N | PACKAGING DIMENSION | | | VOLUME m ³ | WEIGHT Kg |
|-------------------|-----|-----|----|----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|---------------------|-----|-----|--------------------------|--------------|
| | | | | | | | | | | | | | | | | | L/A | L/B | H | | |
| GENIX 110 | 183 | 118 | 45 | / | 178 | / | 178 | 277 | 323 | 351 | 170 | 456 | / | / | 118 | 87 | 538 | 227 | 426 | 0,0520 | 10,3 |
| GENIX 130 | 183 | 118 | 45 | 60 | 178 | 42 | 178 | 277 | 323 | 351 | 170 | 456 | 322 | 307 | 118 | 87 | 538 | 227 | 426 | 0,0520 | 10,6 |
| GENIX COMFORT 110 | 183 | 118 | 45 | / | 178 | / | 178 | 277 | 323 | 351 | 170 | 456 | / | / | 118 | 87 | 538 | 227 | 426 | 0,0520 | 11,5 |
| GENIX COMFORT 130 | 183 | 118 | 45 | 60 | 178 | 42 | 178 | 277 | 323 | 351 | 170 | 456 | 322 | 307 | 118 | 87 | 538 | 227 | 426 | 0,0520 | 12 |
| GENIX WL 110 | 183 | 125 | 56 | / | 178 | / | 80 | 277 | 322 | 346 | 150 | 456 | / | / | 125 | 87 | 538 | 227 | 426 | 0,052 | 10 |
| GENIX WL 130 | 183 | 125 | 56 | 60 | 178 | 42 | 80 | 277 | 322 | 346 | 150 | 456 | 322 | 307 | 125 | 87 | 538 | 227 | 426 | 0,052 | 10,3 |

GENIX VT

AUTOMATIC LIFTING STATIONS



Its use is needful whenever the wastewater coming from the WC, the shower, the washbasin or the bidet cannot be expelled by gravity. These lifting stations can be installed wherever there is the wish to add a toilet during new installations or constructions, renovations, or structural modifications.

GENIX 110 has the facility to connect one high drain utility, like a washbasin; GENIX 130 has the facility to connect up to three utilities, even with low drain as a shower, bidet or bathtub.. Our models offer silent operation and reliable performance, thanks to a powerful motor which allows to work with temperatures up to 90°C. Extremely easy the maintenance in case of clog or motor blocking, with the possibility to dismount the motor subassembly only operating on two screws, and with the unique discharge tap that will allow a clean, and free of problems, maintenance.

The non-return valves are integrated in the delivery pipe, and for the 130 models in the lateral bottom inlets. Available, as accessories, an acoustic alarm anti-flooding and an adaptor pipe, to adapt the GENIX to a vast majority of existing installations.

Liquid temperature range

From 0°C to +75 °C up to +90°C for 30 min.

Liquid pumped

Sewage water containing fecal matter as regulated by EN 12050-3.

Third parts certifications: LGA

Tank capacity and delivery: 1-90 m³/h with dynamic head up to 8 metres

International Protection grade: IP44.

TECHNICAL DATA

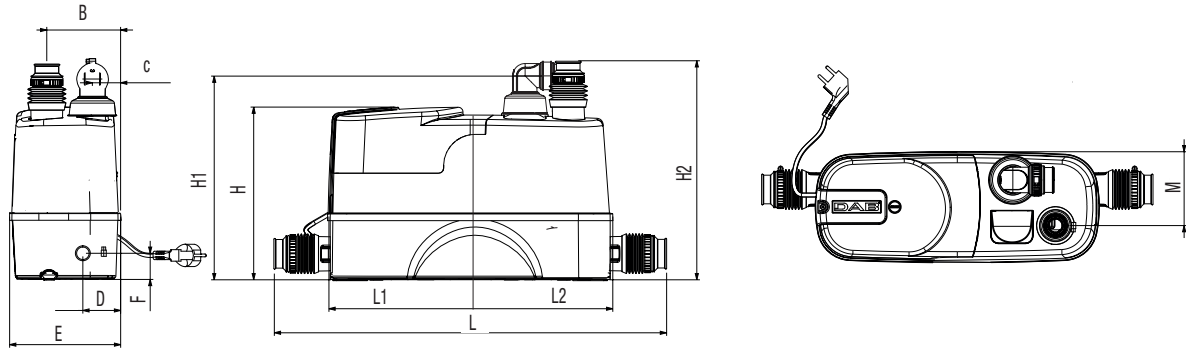
| MODEL | ELECTRICAL DATA | | | | HYDRAULIC DATA | | |
|--------------|------------------|-------------|------------|------|----------------|-------------|--------------|
| | VOLTAGE 60 HZ | P1 MAX W | P2 NOMINAL | | In A | H Max ft | Q Max Gpm |
| | | | kW | HP | | | |
| GENIX VT 010 | 1 x 115V ~ | 600 | 0,40 | 0,53 | 5,5 | 26 | 25 |
| GENIX VT 030 | 1 x 115V ~ | 600 | 0,40 | 0,53 | 5,5 | 26 | 25 |

ACCESSORIES



GENIX VT

AUTOMATIC LIFTING STATIONS



| MODEL | ELECTRICAL DATA | | | | |
|--------------|------------------|-------------|------------|------|---------|
| | VOLTAGE 60 HZ | P1 MAX W | P2 NOMINAL | | In A |
| | | | kW | HP | |
| GENIX VT 010 | 1 x 230 V ~ | 530 W | 0,32 | 0,44 | 2,5 |
| GENIX VT 030 | 1 x 230 V ~ | 530 W | 0,32 | 0,44 | 2,5 |

| MODEL | A | B | C | D | E | F | G | H | H1 | H2 | I | L | L1 | L2 | M | N | PACKAGING DIMENSION | | | VOLUME m ³ | WEIGHT Kg |
|--------------|-----|-----|----|----|-----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|---|---------------------|-----|-----|--------------------------|--------------|
| | | | | | | | | | | | | | | | | | L/A | L/B | H | | |
| | | | | | | | | | | | | | | | | | GENIX VT 010 | 183 | 125 | | |
| GENIX VT 030 | 183 | 125 | 56 | 60 | 178 | 42 | 80 | 277 | 322 | 346 | 150 | 456 | 322 | 307 | 125 | / | 538 | 227 | 426 | 0,052 | 10,3 |

PANEL

EBOX

ELECTRONIC PROTECTION AND CONTROL PANEL

D CONNECT



Ebox plus D



Ebox basic



Ebox plus is an electronic control panel for the protection and automatic operation of one or two submersible pumps or pressurizing both single-phase and three-phase, installed in domestic, civil and industrial environments.

Ebox basic is an electronic control panel for the protection and automatic operation of one or two electronic submersible pumps or single-phase pressurization for domestic applications.

Nominal tension of power supply

Ebox plus 1x 230 V / 3 x 230 V - 3 x 400 V (automatic selection)

Ebox basic 1x 230 V

Frequency 50 - 60 Hz

Maximum use of power

Ebox plus 5,5 kWatt + 5,5 kWatt

Ebox basic 2,2 kWatt + 2,2 kWatt

Maximum use of current 12 A + 12 A

STARTING capacitor KIT supplied as an accessory

Limits of use ambient temperature

-10° C + 40° C

Limits of storage temperature -25° C + 55° C

Relative humidity to the air 90% a 20° C

Max altitude max 1000 s.l.m.

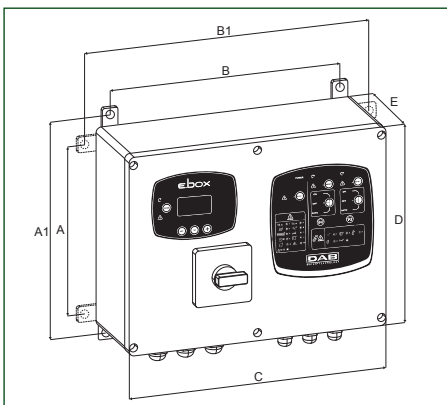
Degree of protection IP 55

Reference standard for the construction of the panels EN 60335-1

TECHNICAL DATA

| MODEL | VOLTAGE 60 HZ | STARTING | P2 NOMINAL | | MAX CURRENT A | DISPLAY |
|---------------------------------------|------------------|----------|------------|-------|---------------------|---------|
| | | | kW x2 | HP x2 | | |
| EBOX BASIC 230/50-60 | 1X230 V~ | DIRECT | 2,2 | 3 | 12+12 | |
| EBOX PLUS 230-400V/50-60 | 1X230 V~ | DIRECT | 2,2 | 3 | 12+12 | |
| | 3X230 V~ | | 3 | 4 | | |
| | 3X400 V~ | | 5,5 | 7,5 | | |
| EBOX BASIC D 230/50-60 | 1X230 V~ | DIRECT | 2,2 | 3 | 12+12 | • |
| EBOX PLUS D 230-400V/50-60 | 1X230 V~ | DIRECT | 2,2 | 3 | 12+12 | • |
| | 3X230 V~ | | 3 | 4 | | |
| | 3X400 V~ | | 5,5 | 7,5 | | |

DIMENSIONS AND WEIGHT



| MODEL | A | A1 | B | B1 | C | D | E | PACKING DIMENSIONS | | | WEIGHT Kg |
|-----------------------------------|-----|-----|-----|-----|-----|-----|-----|--------------------|-----|-----|--------------|
| | | | | | | | | L/A | L/B | H | |
| EBOX BASIC 230/50-60 | 212 | 265 | 282 | 337 | 320 | 260 | 120 | 250 | 430 | 310 | 4 |
| EBOX PLUS 230-400V/50-60 | 212 | 265 | 282 | 337 | 320 | 260 | 120 | 250 | 430 | 310 | 5 |
| EBOX BASIC D 230/50-60 | 212 | 265 | 282 | 337 | 320 | 260 | 120 | 250 | 430 | 310 | 4 |
| EBOX PLUS D 230-400V/50-60 | 212 | 265 | 282 | 337 | 320 | 260 | 120 | 250 | 430 | 310 | 5 |

ACCESSORIES

| DESCRIPTION | |
|---|-----------|
| FLOAT KEY | 5 meters |
| | 10 meters |
| | 15 meters |
| | 20 meters |
| BULB-FLOAT | 10 meters |
| | 20 meters |
| PRESSURE TRASDUCER 0-5 MT CABLE 20 MT. FOR E-BOX | |
| <p>ELECTRODE PROBE Ideal for conductive liquids with a maximum temperature of + 40 °C To be connected with 1.5 mm² cable - 550V insulation. Sensitivity ≤ 53 Kohm</p> | |
| PRESSURE PROTECTION DRY OPERATION | |
| KIT CAPACITOR 40 UF | |
| KIT CAPACITOR 30 UF | |
| KIT CAPACITOR 20 UF | |
| FLASCHING 230V 5W 50/60 HZ | |

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS



Supplied on the box in self-extinguishing thermoplastic material, complete with brackets for wall mounting. The framework is self-protected and protects the pump from overload, short circuits with manual reset. The models ED3M, ED3MHS, from ED2,5 to ED30T SD can handle the signal over temperature protection if the pump is provided with it.

The models ED3MHS and ED2, 4MHS are provided with additional electrolytic CAPACITOR for high startup torque.

Complete with:

- Power line switch with pad lockable door handle (except in single-phase version)
- Self-protected transformer for the power supply of the external controls
- Terminals for connecting the electric pump and the float / pressure control switches
- Terminals without potential for controlling alarm and remote installation of an audible / visual alarm
- Button on the front panel for manual operation (single phase versions)
- Switch on the front panel for manual operation - 0 - Automatic
- Amperometric protection reports
- Pump running indicator
- Voltage indicator
- Limits of use ambient temperature: - 10° C +40° C
- Degree of protection IP55

Nominal power input voltage

230V 1~ ± 10%
400V 3~ ± 10%

Frequency 50-60 Hz.

Ambient temperature operation limits

-10 °C +40 °C.

Storage ambient temperature limit

-25 °C + 55 °C.

Relative humidity (without condensation)

50% at 40 °C MAX (90% a 20 °C).

Protection class IP55.

Panel construction

to EN 60204-1 and EN 60439-1.



exemplative photo

TECHNICAL DATA

| MODEL | VOLTAGE 60 HZ | STARTING | NOMINAL P2 | | MAX CURRENT A | PROTECTION THERMAL |
|---------------------|------------------|----------|---------------|------|------------------|-----------------------|
| | | | KW | HP | | |
| ED0,1M | 1X220 - 240 V~ | DIRECT | 0,1 | 0,1 | 1 | 0,63-1A |
| ED0,3M | 1X220 - 240 V~ | DIRECT | 0,2 | 0,3 | 2 | 1-1,6A |
| ED0,75M | 1X220 - 240 V~ | DIRECT | 0,6 | 0,75 | 4 | 2,5-4A |
| ED1M | 1X220 - 240 V~ | DIRECT | 0,7 | 1 | 6 | 4-6,3A |
| ED1,5M | 1X220 - 240 V~ | DIRECT | 1,1 | 1,5 | 10 | 6,3-10A |
| ED2M | 1X220 - 240 V~ | DIRECT | 1,5 | 2 | 16 | 10-16A |
| ED2,4M | 1X220 - 240 V~ | DIRECT | 1,8 | 2,4 | 20 | 16-20A |
| ED3MHS / 40uF+250uF | 1X220 - 240 V~ | DIRECT | 2,2 | 3 | 10 | 6,3-10A |
| ED3M / 40UF | 1X220 - 240 V~ | DIRECT | 2,2 | 3 | 10 | 6,3-10A |
| ED0,08T | 3X400 V~ | DIRECT | 0,1 | 0,08 | 1 | 0,4-0,63A |
| ED0,5T | 3X400 V~ | DIRECT | 0,4 | 0,5 | 2 | 1-1,6A |
| ED1T | 3X400 V~ | DIRECT | 0,7 | 1 | 3 | 1,6-2,5A |
| ED1,5T | 3X400 V~ | DIRECT | 1,1 | 1,5 | 4 | 2,5-4A |
| ED2,5T | 3X400 V~ | DIRECT | 1,8 | 2,5 | 6 | 4-6,3A |
| ED4T | 3X400 V~ | DIRECT | 2,9 | 4 | 10 | 6,3-10A |
| ED8T | 3X400 V~ | DIRECT | 5,9 | 8 | 16 | 10-16A |
| ED11T | 3X400 V~ | DIRECT | 8,1 | 11 | 20 | 16-20A |
| ED14T | 3X400 V~ | DIRECT | 10,3 | 14 | 25 | 20-25A |
| ED15T | 3X400 V~ | DIRECT | 11,0 | 15 | 32 | 25-32A |
| ED7,5T SD | 3X400/690 V~ | Y/Δ | 5,5 | 7,5 | 16 | 10-16A |
| ED15T SD | 3X400/690 V~ | Y/Δ | 11,0 | 15 | 25 | 18-25A |
| ED20T SD | 3X400/690 V~ | Y/Δ | 14,7 | 20 | 32 | 23-32A |
| ED25T SD | 3X400/690 V~ | Y/Δ | 18,4 | 25 | 32 | 32-45A |
| ED30T SD | 3X400/690 V~ | Y/Δ | 22,1 | 30 | 63* | 40-63A |



Supplied on the box in self-extinguishing thermoplastic material and in metal models E2D50TSD and E2D60TSD, complete with brackets for wall mounting. The framework is self-protected and protects the pump from overload, short circuits with manual reset. The models E2D6M, E2D6MHS, from E2D5T to E2D60T SD can handle the signal over temperature protection if the pump is provided with it.

The models E2D6MHS IS provided with additional electrolytic CAPACITOR for high startup torque.

Complete with:

- Power line switch with pad lockable door handle (except in single-phase version)
- Self-protected transformer for the power supply of the external controls
- Exchange model for the alternation of starting pumps
- Terminals for connecting the electric pump and the float / pressure control switches
- Terminals without potential for controlling alarm and remote installation of an audible / visual alarm
- Button on the front panel for manual operation (single phase versions)
- Switch on the front panel for manual operation - 0 - Automatic

- Amperometric protection reports
- Pump running indicator
- Voltage indicator
- Limits of use ambient temperature: -10° C +40° C
- Degree of protection IP55



exemplative photo

Nominal power input voltage

230V 1~ ± 10%

400V 3~ ± 10%

Frequency 50-60 Hz.

Ambient temperature operation limits

-10 °C to +40 °C.

Storage ambient temperature limit

-25 °C to + 55 °C.

Relative humidity (without condensation)

50% at 40 °C MAX (90% a 20 °C).

Protection class IP55.

Control panel construction

According to EN 60204-1, and UNI EN 60439/-1.

TECHNICAL DATA

| MODEL | VOLTAGE 60 HZ | STARTING | NOMINAL P2 | | MAX CURRENT A | PROTECTION THERMAL |
|----------------------|------------------|----------|---------------|------|---------------------|-----------------------|
| | | | kW | HP | | |
| E2D0,6M | 1X220 - 240 V~ | DIRECT | 0,2 | 0,3 | 2 | 1-1,6A |
| E2D1,5M | 1X220 - 240 V~ | DIRECT | 0,6 | 0,75 | 4 | 2,5-4A |
| E2D2M | 1X220 - 240 V~ | DIRECT | 0,7 | 1 | 6 | 4-6,3A |
| E2D6M / 40uF | 1X220 - 240 V~ | DIRECT | 2,2 | 3 | 10 | 6,3-10A |
| E2D6MHS / 40uF+250uF | 1X220 - 240 V~ | DIRECT | 2,2 | 3 | 10 | 6,3-10A |
| E2D3M | 1X220 - 240 V~ | DIRECT | 1,1 | 1,5 | 10 | 6,3-10A |
| E2D4M | 1X220 - 240 V~ | DIRECT | 1,5 | 2 | 16 | 10-16A |
| E2D4,8M | 1X220 - 240 V~ | DIRECT | 1,8 | 2,4 | 20 | 16-20A |
| E2D2T | 3X400 V~ | DIRECT | 0,7 | 1 | 3 | 1,6-2,5A |
| E2D3T | 3X400 V~ | DIRECT | 1,1 | 1,5 | 4 | 2,5-4A |
| E2D5T | 3X400 V~ | DIRECT | 1,8 | 2,5 | 6 | 4-6,3A |
| E2D8T | 3X400 V~ | DIRECT | 2,9 | 4 | 10 | 6,3-10A |
| E2D15T | 3X400 V~ | DIRECT | 5,5 | 7,5 | 16 | 10-16A |
| E2D22T | 3X400 V~ | DIRECT | 8,1 | 11 | 20 | 16-20A |
| E2D28T | 3X400 V~ | DIRECT | 10,3 | 14 | 25 | 20-25A |
| E2D30T | 3X400 V~ | DIRECT | 11,0 | 15 | 32 | 25-32A |
| E2D15T SD | 3X400/690 V~ | Y/Δ | 5,5 | 7,5 | 16 | 10-16A |
| E2D30T SD | 3X400/690 V~ | Y/Δ | 11,0 | 15 | 25 | 18-25A |
| E2D40T SD | 3X400/690 V~ | Y/Δ | 14,7 | 20 | 32 | 23-32A |
| E2D50T SD | 3X400/690 V~ | Y/Δ | 18,4 | 25 | 45 | 32-45A |
| E2D60T SD | 3X400/690 V~ | Y/Δ | 22,1 | 30 | 63 | 40-63A |



Supplied on the box in self-extinguishing thermoplastic material and in metal model E3D22,5TSD, complete with brackets for wall mounting.

The framework is self-protected and protects the pump from overload, short circuits with manual reset. The models E3D9M, E9D6MHS, from E3D12T to E3D90T SD can handle the signal over temperature protection if the pump is provided with it.

The models E3D9MHS is provided with additional electrolytic CAPACITOR for high startup torque.

Complete with:

- Power line switch with pad lockable door handle (except in single-phase version)
- Self-protected transformer for the power supply of the external controls
- Exchange model for the alternation of starting pumps
- Terminals for connecting the electric pump and the float / pressure control switches
- Terminals without potential for controlling alarm and remote installation of an audible / visual alarm
- Button on the front panel for manual operation (single phase versions)
- Switch on the front panel for manual operation - 0 - Automatic
- Amperometric protection reports

- Pump running indicator
- Voltage indicator
- Limits of use ambient temperature: -10° C +40° C
- Degree of protection IP55

Nominal power input voltage

230V 1~ ± 10%

400V 3~ ± 10%

Frequency 50-60 Hz.

Ambient temperature operation limits

-10 °C to +40 °C.

Storage ambient temperature limit

-25 °C to + 55 °C.

Relative humidity (without condensation)

50% at 40 °C MAX (90% a 20 °C).

Protection class IP55.

Control panel construction

According to EN 60204-1, and UNI EN 60439/-1.



exemplative photo

TECHNICAL DATA

| MODEL | VOLTAGE 60 HZ | STARTING | NOMINAL P2 | | MAX CURRENT A | PROTECTION THERMAL |
|----------------------|------------------|----------|---------------|------|---------------------|-----------------------|
| | | | kW | HP | | |
| E3D0,9M | 1X220 - 240 V~ | DIRECT | 0,2 | 0,3 | 2 | 1-1,6A |
| E3D2,25M | 1X220 - 240 V~ | DIRECT | 0,6 | 0,75 | 4 | 2,5-4A |
| E3D3M | 1X220 - 240 V~ | DIRECT | 0,7 | 1 | 6 | 4-6,3A |
| E3D9M / 40uF | 1X220 - 240 V~ | DIRECT | 2,2 | 3 | 10 | 6,3-10A |
| E3D9MHS / 40uF+250uF | 1X220 - 240 V~ | DIRECT | 2,2 | 3 | 10 | 6,3-10A |
| E3D4,5M | 1X220 - 240 V~ | DIRECT | 1,1 | 1,5 | 10 | 6,3-10A |
| E3D6M | 1X220 - 240 V~ | DIRECT | 1,5 | 2 | 16 | 10-16A |
| E3D7,2M | 1X220 - 240 V~ | DIRECT | 1,8 | 2,4 | 20 | 16-20A |
| E3D3T | 3X400 V~ | DIRECT | 0,7 | 1 | 3 | 1,6-2,5A |
| E3D4,5T | 3X400 V~ | DIRECT | 1,1 | 1,5 | 4 | 2,5-4A |
| E3D7,5T | 3X400 V~ | DIRECT | 1,8 | 2,5 | 6 | 4-6,3A |
| E3D12T | 3X400 V~ | DIRECT | 2,9 | 4 | 10 | 6,3-10A |
| E3D22,5T | 3X400 V~ | DIRECT | 5,5 | 7,5 | 16 | 10-16A |
| E3D33T | 3X400 V~ | DIRECT | 8,1 | 11 | 20 | 16-20A |
| E3D42T | 3X400 V~ | DIRECT | 10,3 | 14 | 25 | 20-25A |
| E3D45T | 3X400 V~ | DIRECT | 11,0 | 15 | 32 | 25-32A |
| E3D22,5T SD | 3X400/690 V~ | Y/Δ | 5,5 | 7,5 | 16 | 10-16A |
| E3D45T SD | 3X400/690 V~ | Y/Δ | 11,0 | 15 | 25 | 18-25A |
| E3D60T SD | 3X400/690 V~ | Y/Δ | 14,7 | 20 | 32 | 23-32A |
| E3D75T SD | 3X400/690 V~ | Y/Δ | 18,4 | 25 | 45 | 32-45A |
| E3D90T SD | 3X400/690 V~ | Y/Δ | 22,1 | 30 | 63 | 40-63A |

PUMPING STATIONS ACCESSORIES PROTECTION AND CONTROL PANELS

DCONNECT

COMMAND AND
CONTROL SYSTEMS

CIRCULATORS AND
IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL
AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND
SALT WATER PUMPS

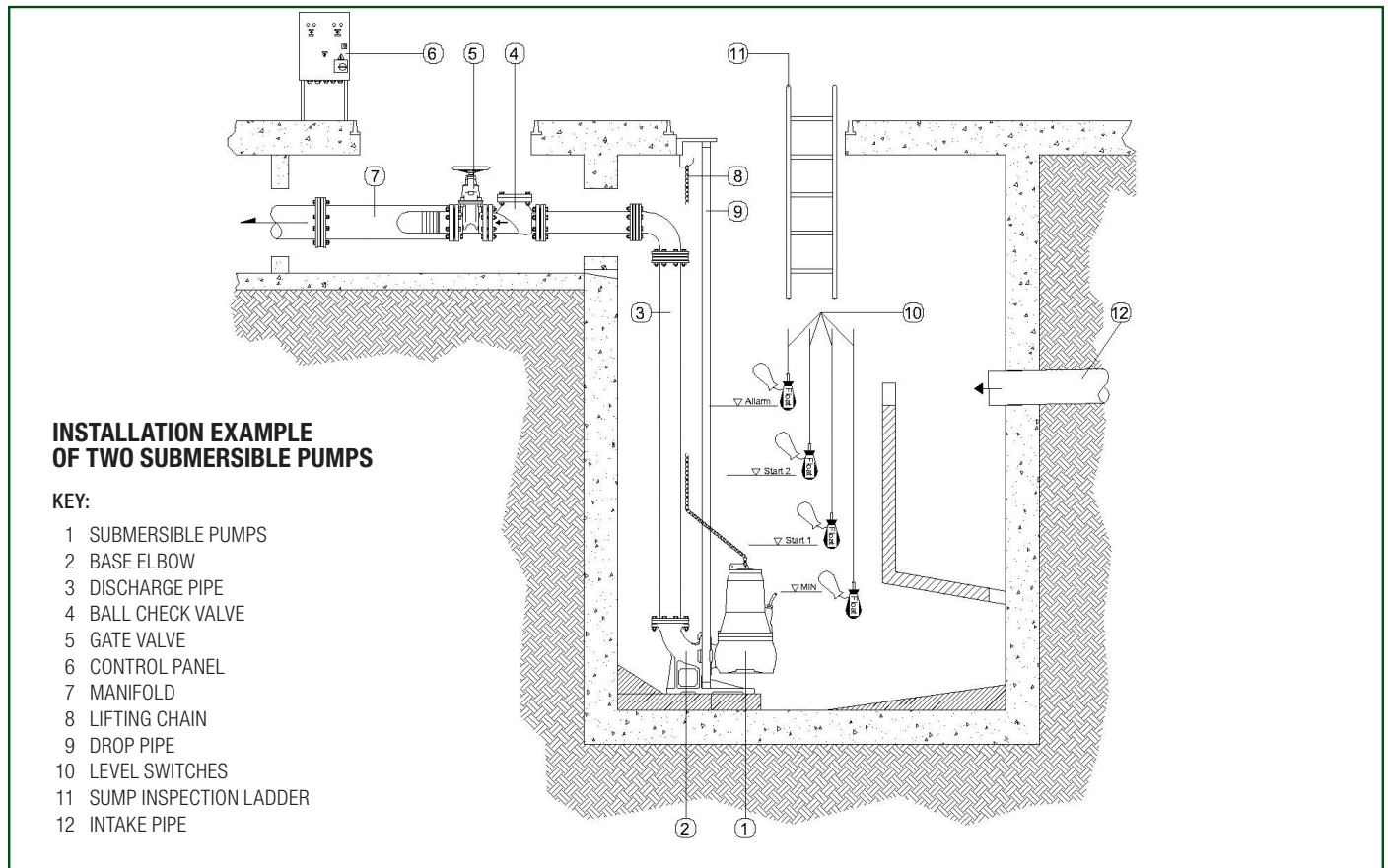
CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS
AND SUBMERSIBLE MOTORS



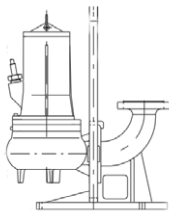
PRESSURE UNITS

PUMPING STATIONS ACCESSORIES







| FLOATS | NOVA/FEKA DRENAG | FEKA VS | FX | FK | SOCCORRER | FEKABOX / FEKAFOS | DESCRIPTION | |
|--------|------------------|---------|----|----|-----------|-------------------|------------------------------------|-----------|
| | | | | | | | | |
| | ● | ● | ● | ● | ● | | FLOAT KEY | 5 METERS |
| | | | | | | | | 10 METERS |
| | | | | | | | | 15 METERS |
| | | | | | | | | 20 METERS |
| | | ● | ● | ● | | ● | BULB-FLOAT | 10 METERS |
| | | | | | | | | 20 METERS |
| | ● | ● | ● | ● | ● | | FLOAT SWICH COUNTERWEIGHT - 300 GR | |
| | | ● | | | | ● | FLOAT CABLE STOP KIT FOR FEKA VS | |

PUMPING STATIONS ACCESSORIES

| LIFTING DEVICES | NOVA/FEKA DRENAG | FEKA VS | FX | FEKA 6000/8000 | FEKABOX / FEKAFOS | DESCRIPTION |
|---|------------------|---------|----|----------------|-------------------|---|
|  | | ● | | | | DSD2- LIFTING DEVICE FOR FEKA VS 550-1200 |
|  | | ● | | | | ANTIROTATION BRACKET FOR FEKA VS |
|  | | | | ● | | LIFTING UNIT FOR FEKA 6000 DN 150 |
| | | | | ● | | LIFTING UNIT FOR FEKA 8000 DN 200 |

GUIDE TUBES NOT INCLUDED

| COUPLING UNIT | NOVA/FEKA DRENAG | FEKA VS | FX | FK | FEKABOX / FEKAFOS | DESCRIPTION |
|---|------------------|---------|----|----|-------------------|---|
|  | | | ● | | | DA-050 HORIZONTAL COUPLING UNIT DN32 DN40 DN50 |
| | | | ● | ● | | DA-065 HORIZONTAL COUPLING UNIT DN65 |
|  | | | | ● | | DA-V65 COUPLING UNIT DN65 |
| | | | | ● | | DA-V80 COUPLING UNIT DN80 |
| | | | | ● | | DA-V100 COUPLING UNIT DN100 |
| | | | | ● | | DA-V150 COUPLING UNIT DN150 |

| RINGSTAND | NOVA/FEKA DRENAG | FEKA VS | FX | FK | FEKABOX / FEKAFOS | DESCRIPTION |
|---|------------------|---------|----|----|-------------------|-------------------|
|  | | | | ● | | RINGSTAND Ø325 FK |
| | | | | ● | | RINGSTAND Ø330 FK |
| | | | | ● | | RINGSTAND Ø355 FK |
|  | | | | ● | | RINGSTAND Ø400 FK |

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

CENTRIFUGAL PUMPS





SUBMERSIBLE PUMPS


SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

PUMPING STATIONS ACCESSORIES

| SHACKLE KITS | NOVA/FEKA DRENAG | FEKA VS | FX | FK | FEKABOX / FEKAFOS | DESCRIPTION |
|---|------------------|---------|----|----|-------------------|--|
|  | • | • | • | • | • | KIT CHAIN W/SHACKLE 3MT A316 MAX 150KG |
| | | | | | | KIT CHAIN W/SHACKLE 3MT A316 MAX 350KG |
| | | | | | | KIT CHAIN W/SHACKLE 3MT A316 MAX 700KG |

| ADAPTERS | NOVA/FEKA DRENAG | FEKA VS | FX | FK | FEKABOX / FEKAFOS | DESCRIPTION |
|---|------------------|---------|----|----|-------------------|--|
|  | | | | • | | FLYGT COUPLING ADAPTER DN65 |
| | | | | • | | FLYGT COUPLING ADAPTER DN80 |
| | | | | • | | FLYGT COUPLING ADAPTER DN100 |
| | | | | • | | FLYGT COUPLING ADAPTER DN150 |
|  | | | | • | | COUPLING SYSTEM ADAPTOR FK65 FEKA 2500 |
| | | | | • | | COUPLING SYSTEM ADAPTOR FK80 FEKA 3000 |
| | | | | • | | COUPLING SYSTEM ADAPTOR FK100 FEKA 4000 |
| | | | | • | | COUPLING SYSTEM ADAPTOR FK150 FEKA 6000 |
| | | | | • | | COUPLING SYSTEM ADAPTOR FK 65 FEKA 3000 |
|  | | | • | | | COUPLING SYSTEM ADAPTOR FX GRINDER – FEKA DN32 DN40 DN50 |
| | | | • | | | COUPLING SYSTEM ADAPTOR FX - FLYGT DN50 |
|  | | | • | | | KIT ELBOW 90° 2" GAS FX |
| | | | • | | | KIT ELBOW 90° 1"1/2 GAS FX |

| KIT FLANGE | NOVA/FEKA DRENAG | FEKA VS | FX | FK | FEKABOX / FEKAFOS | DESCRIPTION |
|---|------------------|---------|----|----|-------------------|--------------------------------|
|  | | | • | • | | KIT FLANGE DN 65 PN16 UNI 2254 |
| | | | | • | | KIT FLANGE DN 80 PN16 UNI 2254 |
| | | | | | • | KIT FLANGE DN100 PN16 UNI 2254 |

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS




CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS


SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

PUMPING STATIONS ACCESSORIES

| BALL NON-RETURN VALVES | NOVA/FEKA DRENAG | FEKA VS | FX | FK | FEKABOX / FEKAFOS | DESCRIPTION |
|---|------------------|---------|----|----|-------------------|---|
|  | • | | | | | PVC NON-RETURN VALVE (BALL) PN10 1" ¼ - THREADED |
| | • | • | • | | | PVC NON-RETURN VALVE (BALL) PN10 1" ½ - THREADED |
| | • | • | • | | • | PVC NON-RETURN VALVE (BALL) PN10 2" - THREADED |
| | • | • | • | • | • | PVC NON-RETURN VALVE (BALL) PN10 2" 1/2- THREADED |
| | • | • | • | • | • | PVC NON-RETURN VALVE (BALL) PN10 3" - THREADED |
|  | • | | | | | PVC NON-RETURN VALVE (BALL) 1" ¼ - THREADED |
| | • | • | • | | | NON RETURN VALVE (BALL) 1" ½ - THREADED |
| | • | • | • | | • | NON RETURN VALVE (BALL) 2" - THREADED |
| | • | • | • | • | | NON RETURN VALVE (BALL) 2" ½ - THREADED |
|  | | • | • | | • | DN50 NON RETURN VALVE (BALL) |
| | | • | • | • | • | DN65 NON RETURN VALVE (BALL) |
| | | | | • | | DN 80 NON RETURN VALVE (BALL) |
| | | | | • | | DN100 NON RETURN VALVE (BALL) |
| | | | | • | | DN 150 NON RETURN VALVE (BALL) |
| | | | | | | DN200 NON RETURN VALVE (BALL) |

| REFLOW KIT | NOVA/FEKA DRENAG | FEKA VS | FX | FK | FEKABOX / FEKAFOS | DESCRIPTION |
|---|------------------|---------|----|----|-------------------|-------------|
|  | • | • | • | | • | REFLOW KIT |

| GATE VALVES | NOVA/FEKA DRENAG | FEKA VS | FX | FK | FEKABOX / FEKAFOS | DESCRIPTION | |
|---|------------------|---------|----|----|-------------------|--------------------------|---------------------------|
|  | | • | • | | • | GATE VALVE FLANGED DN 50 | |
| | | • | • | • | • | GATE VALVE FLANGED DN 65 | |
| | | | | | • | • | GATE VALVE FLANGED DN 80 |
| | | | | | • | • | GATE VALVE FLANGED DN 100 |
| | | | | | • | • | GATE VALVE FLANGED DN 150 |
| | | | | | | • | GATE VALVE FLANGED DN 200 |

DCONNECT

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CIRCULATORS AND IN-LINE PUMPS

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SWIMMING POOL, POND AND SALT WATER PUMPS



CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

PUMPING STATIONS ACCESSORIES

| ALARMS AND CONTROL | NOVA/FEKA DRENAG | FEKA VS | FX | FK | FEKABOX / FEKAFOS | DESCRIPTION |
|---|------------------|---------|----|----|-------------------|--------------------------------|
|  | • | • | • | | | AS 1 CONTROL WITH ALARM DEVICE |
|  | • | • | • | • | • | ACUSTIC ALARM - 230 V - 50HZ |
| | | | | | | ACUSTIC ALARM - 24 V - 50 HZ |
|  | • | • | • | • | | FLASCHING 230V 5W 50/60 HZ |

| TRASDUCERS | NOVA/FEKA DRENAG | FEKA VS | FX | FK | FEKABOX / FEKAFOS | DESCRIPTION |
|--|------------------|---------|----|----|-------------------|---|
|  | • | • | • | • | | PRESSURE TRASDUCER 0-5 MT CABLE 20 MT. FOR EBOX |

DCONNECT

COMMAND AND CONTROL SYSTEMS

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 PRESSURE UNITS



IDEA
4" PERIPHERAL SUBMERSIBLE PUMPS

PAG. 468



MICRA
3" SUBMERSIBLE PUMPS

PAG. 484



SS106
10" SUBMERSIBLE PUMPS

PAG. 516



DIVER - DIVER HF
5" MULTISTAGE SUBMERSIBLE PUMPS

PAG. 469



4GG
4" SUBMERSIBLE MOTORS

PAG. 486



6GF / 6GX
6" SUBMERSIBLE MOTORS

PAG. 518



PULSAR
5" MULTISTAGE SUBMERSIBLE PUMPS

PAG. 471



4GX
4" SUBMERSIBLE MOTORS

PAG. 488



TR6
6" SUBMERSIBLE MOTORS

PAG. 520



DIVER 6
SUBMERSIBLE MULTI-IMPELLER PUMPS

PAG. 473



4TW
4" SUBMERSIBLE MOTORS

PAG. 490



TR8
8" SUBMERSIBLE MOTORS

PAG. 521



DIVERTRON
6" ELECTRONIC MULTISTAGE SUBMERSIBLE PUMPS

PAG. 474



40L
4" SUBMERSIBLE MOTORS

PAG. 491



TR10
10" SUBMERSIBLE MOTORS

PAG. 522



DTRON 2 / DTRON 3
7" ELECTRONIC MULTISTAGE SUBMERSIBLE PUMPS

PAG. 475-477



SS66
6" SUBMERSIBLE PUMPS

PAG. 493



TR12
12" SUBMERSIBLE MOTORS

PAG. 523



ESYBOX DIVER
7" MULTISTAGE SUBMERSIBLE PUMPS WITH VARIABLE FREQUENCY DRIVE

PAG. 479



SS76
7" SUBMERSIBLE PUMPS

PAG. 507



TR14
14" SUBMERSIBLE MOTORS

PAG. 524



MICRA HS
HIGH SPEED 3" SUBMERSIBLE PUMPS

PAG. 481



SS86
8" SUBMERSIBLE PUMPS

PAG. 511



ACCESSORIES

PAG. 525



SINGLE-PHASE



THREE-PHASE



4" peripheral submersible pump, available as single impeller model (version 75 or 100) or double-impeller model (version 150) version, designed for water pressurization, lifting water from wells and for gardening and irrigation activities in residential building service.

Single block pump: the hydraulic part and motor are mechanically coupled with a mechanical seal. Cast iron pump body and motor support with cathoporesis coating. Brass peripheral-type impeller. Pump equipped with power cable (15 meter) and nylon support rope of the same length as the cable, useful for immersion in the well.

Asynchronous submersible motor with encapsulated stator. Single-phase version with thermoamperometric protection and capacitor included. Protection of the three-phase version by the user.

Protection rating IP 68

Insulation class

Liquid temperature range from 0° C to +35° C

Max. no. of starts 20/h

Maximum subersion 20 m.

Installation in 4" or larger wells, tanks or cisterns, vertically.

Liquid quality requirements clean, free of solid or abrasive contaminants, non-viscous, chemically neutral, close to the properties of water.

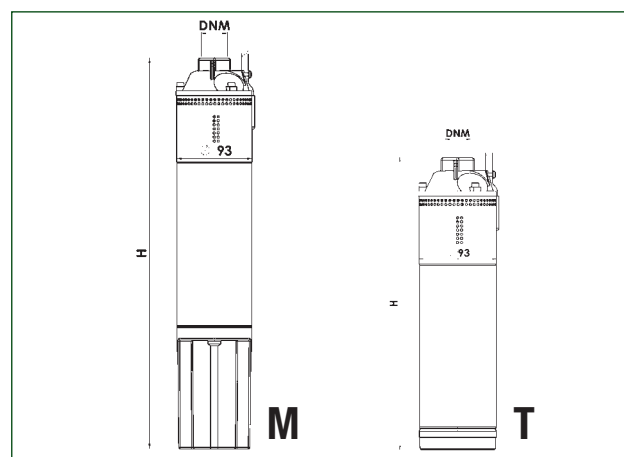
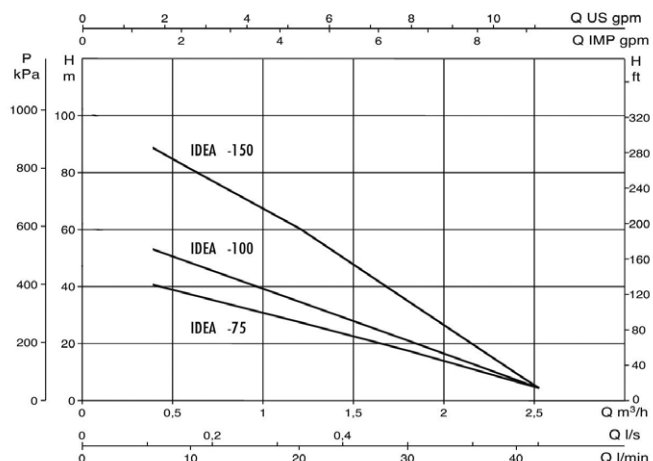
Removable H07RN-F power cable, length 15 m.

Supplied with 15 m of nylon rope.

TECHNICAL DATA

| MODEL | ELECTRICAL DATA | | | | | | HYDRAULIC DATA (n = 3450 r.p.m.) | | | | | | | | | | |
|------------|------------------|--------------|------------|------|---------|-----------|----------------------------------|--------------------|-------|------|------|-----|-----|-----|-----|-----|--|
| | VOLTAGE 60 Hz | P1 MAX kW | P2 NOMINAL | | In A | CAPACITOR | | Q m³/h l/min | H (m) | | | | | | | | |
| | | | kW | HP | | µF | Vc | | 0,4 | 0,6 | 1 | 1,2 | 1,4 | 1,7 | 2,1 | 2,5 | |
| IDEA 75 M | 1x230V~ | 1 | 0,55 | 0,75 | 5,3 | 16 | 450 | | 7 | 10 | 16 | 20 | 24 | 28 | 35 | 42 | |
| IDEA 75 T | 3x380V~ | 1,2 | 0,55 | 0,75 | 2,8 | - | - | 39 | 37 | 32 | 30 | 26 | 22 | 14 | 6 | | |
| IDEA 100 M | 1x230V~ | 1,3 | 0,75 | 1 | 6,8 | 20 | 450 | 52 | 45 | 41,4 | 36,6 | 32 | 28 | 21 | 4 | | |
| IDEA 100 T | 3x380V~ | 1,4 | 0,75 | 1 | 3,7 | - | - | 52 | 45 | 41,4 | 36,6 | 32 | 28 | 21 | 4 | | |
| IDEA 150 M | 1x230V~ | 2,4 | 1,1 | 1,5 | 12 | 35 | 450 | 85 | 81 | 67 | 60 | 50 | 38 | 22 | 6 | | |
| IDEA 150 T | 3x380V~ | 1,1 | 1,5 | | | - | - | 85 | 81 | 67 | 60 | 50 | 38 | 22 | 6 | | |

DIMENSIONS AND WEIGHTS



| MODEL | Ø | H | PACKAGING DIMENSIONS | | | DNM GAS | WEIGHT Kg |
|------------|----|-----|----------------------|-----|-----|------------|--------------|
| | | | L/A | L/B | H | | |
| IDEA 75 M | 93 | 482 | 630 | 265 | 125 | 1" | 10,5 |
| IDEA 100 M | 93 | 512 | 630 | 265 | 125 | 1" | 12 |
| IDEA 150 M | 93 | 602 | 630 | 265 | 125 | 1" | 15 |
| IDEA 75 T | 93 | 353 | 420 | 310 | 118 | 1" | 10,2 |
| IDEA 100 T | 93 | 383 | 420 | 310 | 118 | 1" | 11,7 |
| IDEA 150 T | 93 | 475 | 630 | 265 | 125 | 1" | 14,6 |

DIVER - DIVER HF

5" MULTISTAGE SUBMERSIBLE PUMPS



5" submersible multi-impeller single block pumps. Designed for pressurization, gardening, irrigation and lifting water in residential building service. They operate immersed in wells and first collection tanks or cisterns. The motor is located above the hydraulic part and is cooled by the pumped liquid. Detachable 10 meter power cable supplied as standard. Impellers and diffusers are made of technopolymer. The Diver HF version allows higher flow. Both version are available in manual or automatic (version with a float switch) mode. Single-phase version with control panel with capacitor and thermo-amperometric protection with manual reset, the control panel must be ordered separately. Protection of the three-phase version by the user.

Protection rating IP 68

Insulation class F

Power cable Removable H07RN-F, length 10 m.

⁽¹⁾Required for single-phase versions

TECHNICAL DATA

| MODEL | ELECTRICAL DATA | | | | | | HYDRAULIC DATA (n ≈ 3450 r.p.m.) | | | | | | | | | | | | | | | | | |
|----------------|------------------|--------------|------------|------|---------|-----------|----------------------------------|--------------------|-----|----|-----|----|-----|----|-----|----|---|--|-----|--|-----|--|-----|--|
| | VOLTAGE 60 HZ | P1 MAX kW | P2 NOMINAL | | In A | CAPACITOR | | Q m³/h l/min | 0,6 | | 1,2 | | 1,8 | | 2,4 | | 3 | | 3,6 | | 4,2 | | 4,8 | |
| | | | kW | HP | | µF | VC | | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | | | | | | | | |
| DIVER 75 M-NA | 1x230V~ | 1000 | 0,55 | 0,75 | 5 | 16 | 450 | H (m) | 36 | 33 | 30 | 27 | 23 | 19 | 15 | 11 | | | | | | | | |
| DIVER 100 M-NA | 1x230V~ | 1100 | 0,75 | 1 | 5,9 | 20 | 450 | | 45 | 41 | 37 | 33 | 29 | 25 | 20 | 14 | | | | | | | | |
| DIVER 150 M-NA | 1x230V~ | 1720 | 1,1 | 1,5 | 7,9 | 30 | 450 | | 72 | 67 | 61 | 55 | 48 | 41 | 32 | 23 | | | | | | | | |
| DIVER 200 M-NA | 1x230V~ | 2300 | 1,5 | 2 | 10 | 35 | 450 | | 95 | 88 | 81 | 73 | 64 | 54 | 43 | 31 | | | | | | | | |

A= automatic with float NA= non automatic without float

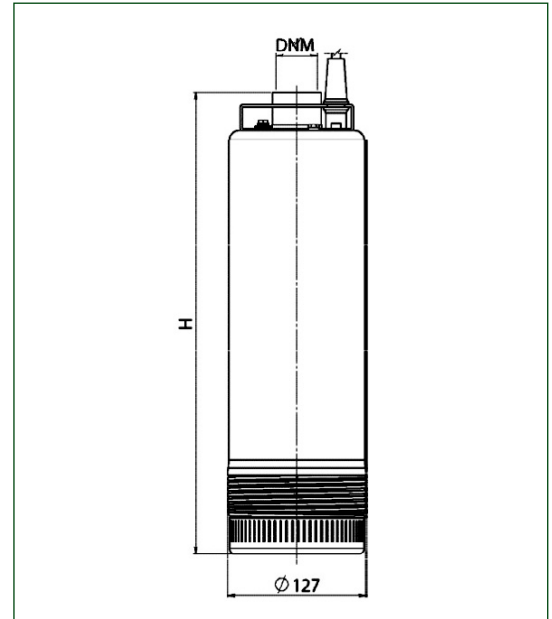
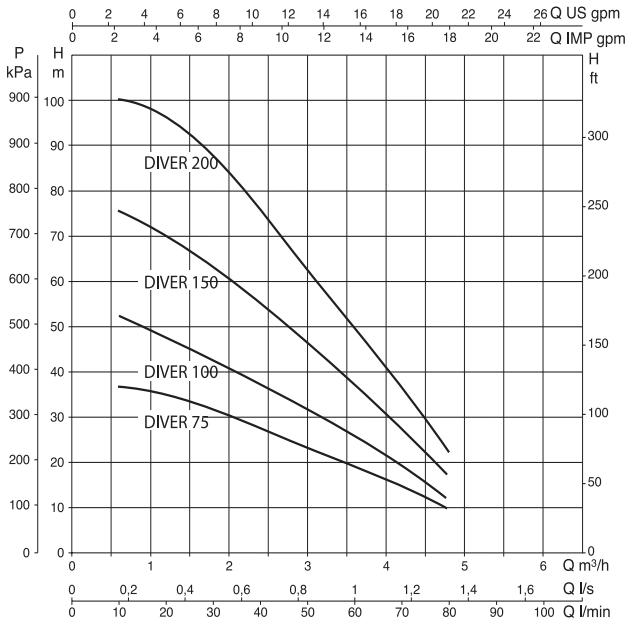
| MODEL | ELECTRICAL DATA | | | | | | HYDRAULIC DATA (n ≈ 3450 r.p.m.) | | | | | | | | | | | | | | | | | |
|-------------------|------------------|--------------|------------|-----|---------|--------------------|----------------------------------|----|-----|----|-----|-----|-----|-----|-----|--|-----|--|---|--|------|--|----|--|
| | VOLTAGE 60 HZ | P1 MAX kW | P2 NOMINAL | | In A | Q m³/h l/min | 0 | | 1,5 | | 3 | | 4,5 | | 6 | | 7,5 | | 9 | | 10,5 | | 12 | |
| | | | kW | HP | | | 0 | 25 | 50 | 75 | 100 | 125 | 150 | 175 | 200 | | | | | | | | | |
| DIVER 100 HF M | 1x230V~ | 1,1 | 0,75 | 1 | 6,2 | H (m) | 30 | 28 | 26 | 24 | 22 | 20 | 16 | 13 | 10 | | | | | | | | | |
| DIVER 100 HF T-NA | 3x230V~ | 1,2 | 0,75 | 1 | 4,3 | | 30 | 28 | 26 | 24 | 22 | 20 | 16 | 13 | 10 | | | | | | | | | |
| DIVER 100 HF T-NA | 3x400V~ | 1,2 | 0,75 | 1 | 2,5 | | 30 | 28 | 26 | 24 | 22 | 20 | 16 | 13 | 10 | | | | | | | | | |
| DIVER 150 HF M | 1x230V~ | 1,7 | 1 | 1,5 | 8,1 | | 42 | 40 | 38 | 35 | 32 | 28 | 24 | 20 | 15 | | | | | | | | | |
| DIVER 150 HF T-NA | 3x230V~ | 1,8 | 1 | 1,5 | 6 | | 42 | 40 | 38 | 35 | 32 | 28 | 24 | 20 | 15 | | | | | | | | | |
| DIVER 150 HF T-NA | 3x400V~ | 1,8 | 1 | 1,5 | 3,5 | | 42 | 40 | 38 | 35 | 32 | 28 | 24 | 20 | 15 | | | | | | | | | |
| DIVER 200 HF M | 1x230V~ | 2,15 | 1,5 | 2 | 10,8 | | 59 | 55 | 51 | 48 | 44 | 39 | 34 | 28 | 20 | | | | | | | | | |
| DIVER 200 HF T-NA | 3x230V~ | 2,1 | 1,5 | 2 | 8,5 | | 59 | 55 | 51 | 48 | 44 | 39 | 34 | 28 | 20 | | | | | | | | | |
| DIVER 200 HF T-NA | 3x400V~ | 2,1 | 1,5 | 2 | 4,9 | | 59 | 55 | 51 | 48 | 44 | 39 | 34 | 28 | 20 | | | | | | | | | |

A= automatic with float NA= non automatic without float

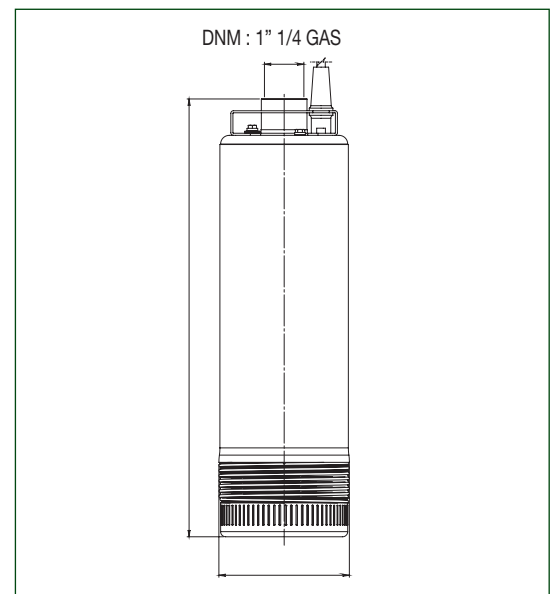
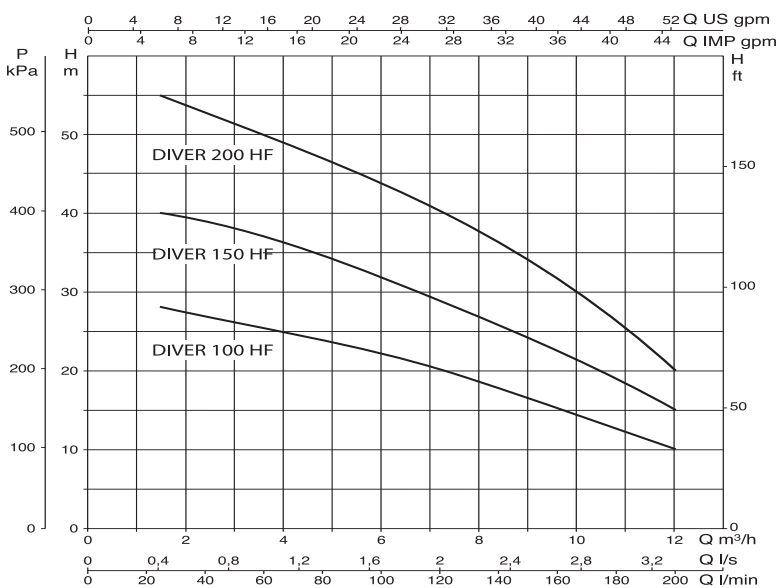
DIVER - DIVER HF

5" MULTISTAGE SUBMERSIBLE PUMPS

DIMENSIONS AND WEIGHTS



| MODEL | \varnothing (mm) | H (mm) | PACKAGING DIMENSIONS | | | PACKING VOLUME m ³ | Q.TY x PALLET | WEIGHT Kg |
|----------------|--------------------|--------|----------------------|-----|-----|-------------------------------|---------------|-----------|
| | | | L/A | L/B | H | | | |
| DIVER 75 M-NA | 127 | 427 | 625 | 230 | 170 | 0,024 | 35 | 10 |
| DIVER 100 M-NA | 127 | 482 | 625 | 230 | 170 | 0,024 | 35 | 11,7 |
| DIVER 150 M-NA | 127 | 550 | 625 | 230 | 170 | 0,024 | 35 | 13,1 |
| DIVER 200 M-NA | 127 | 648 | 710 | 220 | 160 | 0,025 | 35 | 15,8 |



| MODEL | \varnothing mm | H mm | PACKAGING DIMENSIONS | | | VOLUME m ³ | Q.TY x PALLET | WEIGHT Kg |
|--------------|------------------|------|----------------------|-----|-----|-----------------------|---------------|-----------|
| | | | L/A | L/B | H | | | |
| DIVER 100 HF | 127 | 459 | 625 | 230 | 170 | 0,024 | 35 | 11,5 |
| DIVER 150 HF | 127 | 523 | 625 | 230 | 170 | 0,024 | 35 | 13 |
| DIVER 200 HF | 127 | 608 | 710 | 220 | 160 | 0,025 | 35 | 15,5 |



CE 5" multi-impeller monobloc submersible pump designed for pressurization, gardening and irrigation and lifting water in residential building service. These pumps work immersed in wells and first collection tanks and cisterns. The suction takes place through a filter located in the lower part of the pump. The motor is located above the hydraulic part and is cooled by the pumped liquid. Robust components allow the pump to run dry for short periods. Impellers and diffusers are in technopolymer. Double mechanical seal in carbon ceramic on motor side and silicon carbide/silicon carbide on pump side, with interposed oil chamber. Power cable, thermo-amperometric protection and starting capacitor included in the single-phase version, also available in automatic version with float. Protection by the user in the three-phase version.

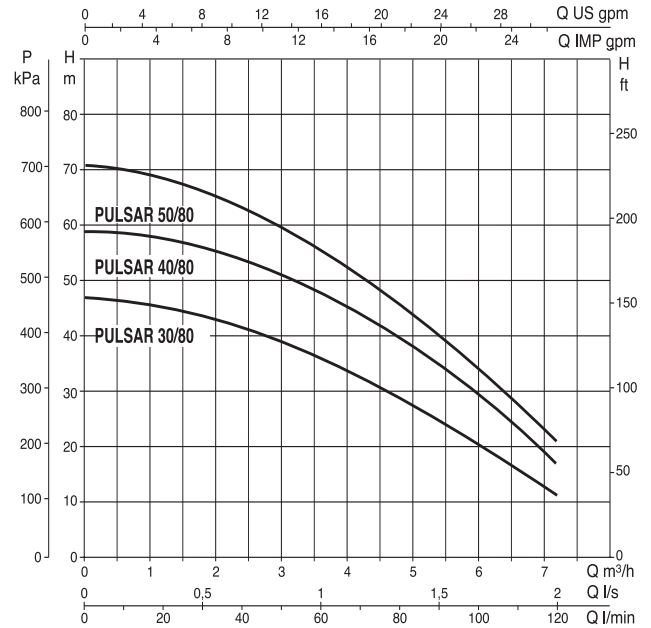
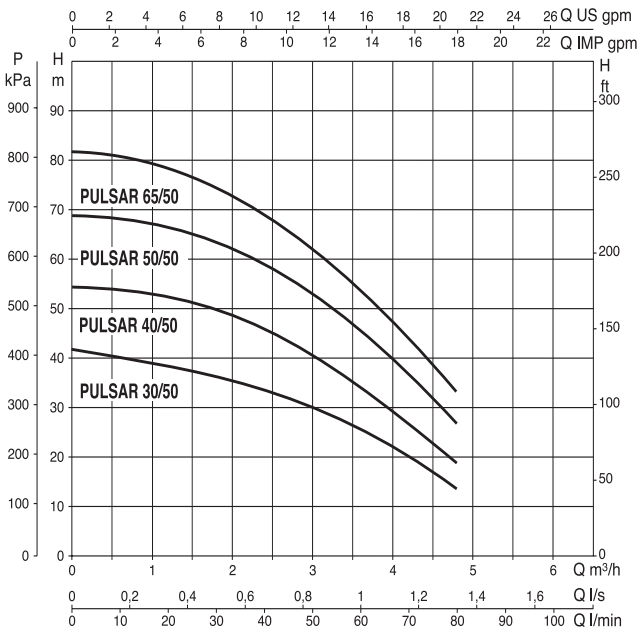
Operating range
from 0.9 to 7.2 m³/h with head up to 86 metres.
Maximum permissible sand quantity 50 g/m³
Motor protection level IP 68
Insulation class F
Liquid temperature range From 0° C to +40° C
Standard cables 20 m HO7 RN F cable type.
Cable complete with SCHUKO plug EEC 7-VII-UNEL 47166-68 for the single-phase version.
Single-phase versions can be equipped with or without float switches for automatic operation.

TECHNICAL DATA

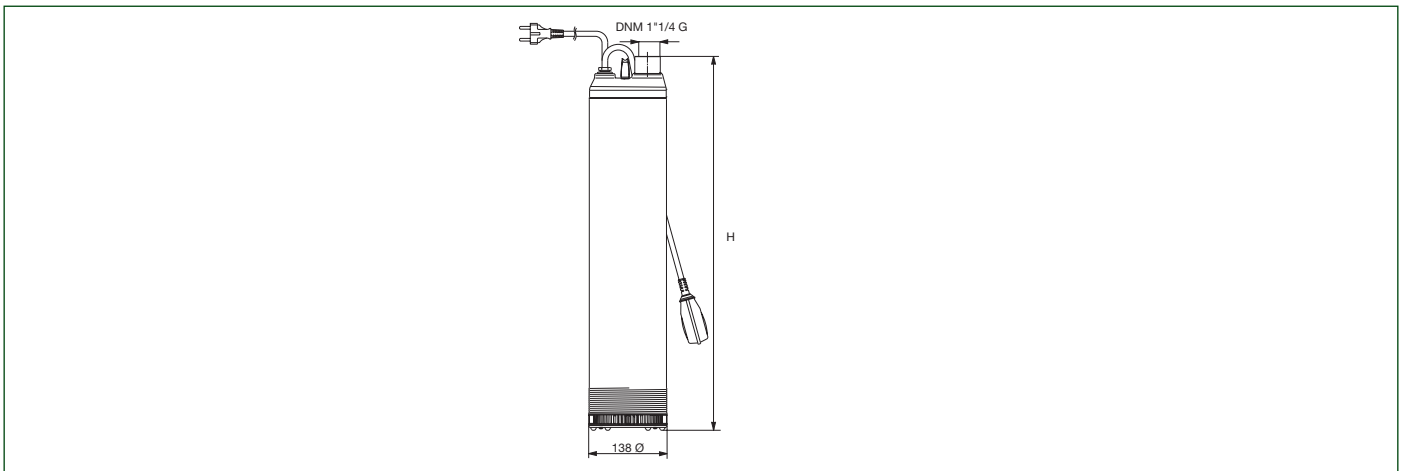
| MODEL | ELECTRICAL DATA | | | | | | HYDRAULIC DATA | | | | | | | | |
|--------------------|------------------|--------------|------------|------|---------|-----------|----------------|--|------|------|------|------|------|------|-----|
| | VOLTAGE 60 Hz | P1 MAX kW | P2 NOMINAL | | In A | CAPACITOR | | Q m ³ /h H (m) | 0 | 1,2 | 2,4 | 3,6 | 4,8 | 6 | 7,2 |
| | | | kW | HP | | µF | Vc | | 0 | 20 | 40 | 60 | 80 | 100 | 120 |
| PULSAR 40/506 M-A | 1x220-230 V~ | 1,35 | 0,75 | 1 | 5,7-6 | 20 | 42 0 | 52,8 | 50,5 | 44,4 | 33,2 | 18,6 | 3,4 | | |
| PULSAR 40/506 M-NA | 1x220-230 V~ | 1,35 | 0,75 | 1 | 5,7-6 | 20 | 420 | 52,8 | 50,5 | 44,4 | 33,2 | 18,6 | 3,4 | | |
| PULSAR 40/506 T-NA | 3x380-400 V~ | 1,13 | 0,75 | 1 | 1,9-2 | - | - | 52,8 | 50,5 | 44,4 | 33,2 | 18,6 | 3,4 | | |
| PULSAR 50/506 M-A | 1x220-230 V~ | 1,6 | 1 | 1,36 | 7,2-7,5 | 25 | 450 | 65,9 | 63,9 | 56,8 | 44,8 | 26,9 | 6,4 | | |
| PULSAR 50/506 M-NA | 1x220-230 V~ | 1,6 | 1 | 1,36 | 7,2-7,5 | 25 | 450 | 65,9 | 63,9 | 56,8 | 44,8 | 26,9 | 6,4 | | |
| PULSAR 50/506 T-NA | 3x380-400 V~ | 1,4 | 1 | 1,36 | 2,4-2,5 | - | - | 65,9 | 63,9 | 56,8 | 44,8 | 26,9 | 6,4 | | |
| PULSAR 65/506 M-A | 1x220-230 V~ | 1,85 | 1,2 | 1,5 | 8,1-8,5 | 30 | 420 | 79,3 | 76,3 | 67,4 | 53,3 | 31,8 | 6 | | |
| PULSAR 65/506 M-NA | 1x220-230 V~ | 1,85 | 1,2 | 1,5 | 8,1-8,5 | 30 | 420 | 79,3 | 76,3 | 67,4 | 53,3 | 31,8 | 6 | | |
| PULSAR 65/506 T-NA | 3x380-400 V~ | 1,7 | 1,2 | 1,5 | 2,4-3 | - | - | 79,3 | 76,3 | 67,4 | 53,3 | 31,8 | 6 | | |
| PULSAR 30/806 M-A | 1x220-230 V~ | 1,35 | 0,75 | 1 | 5,7-6 | 20 | 420 | 49,5 | 47 | 44 | 37,5 | 30 | 22 | 11 | |
| PULSAR 30/806 M-NA | 1x220-230 V~ | 1,35 | 0,75 | 1 | 5,7-6 | 20 | 420 | 49,5 | 47 | 44 | 37,5 | 30 | 22 | 11 | |
| PULSAR 30/806 T-NA | 3x380-400 V~ | 1,1 | 0,75 | 1 | 1,9-1,7 | - | - | 49,5 | 47 | 44 | 37,5 | 30 | 22 | 11 | |
| PULSAR 40/806 M-A | 1x220-230 V~ | 1,6 | 1 | 1,36 | 7,2-7,5 | 16 | 420 | 62,5 | 60 | 56,2 | 49,2 | 41,2 | 29,7 | 15,8 | |
| PULSAR 40/806 M-NA | 1x220-230 V~ | 1,6 | 1 | 1,36 | 7,2-7,5 | 16 | 420 | 62,5 | 60 | 56,2 | 49,2 | 41,2 | 29,7 | 15,8 | |
| PULSAR 40/806 T-NA | 3x380-400 V~ | 1,4 | 1 | 1,36 | 2,4-2,5 | - | - | 62,5 | 60 | 56,2 | 49,2 | 41,2 | 29,7 | 15,8 | |
| PULSAR 50/806 M-A | 1x220-230 V~ | 1,85 | 1,2 | 1,5 | 8,1-8,5 | 25 | 420 | 74,1 | 71 | 65,5 | 56,9 | 46,8 | 32,8 | 17,2 | |
| PULSAR 50/806 M-NA | 1x220-230 V~ | 1,85 | 1,2 | 1,5 | 8,1-8,5 | 25 | 420 | 74,1 | 71 | 65,5 | 56,9 | 46,8 | 32,8 | 17,2 | |
| PULSAR 50/806 T-NA | 3x380-400 V~ | 1,7 | 1,2 | 1,5 | 2,4-3 | - | - | 74,1 | 71 | 65,5 | 56,9 | 46,8 | 32,8 | 17,2 | |

A= automatic with float NA= non automatic without float

PERFORMANCE RANGE



DIMENSIONS AND WEIGHTS



| MODEL | H | PACKAGING DIMENSIONS | | | PACKING VOLUME m³ | CANT. X PALET | DNM GAS | WEIGHT Kg | | |
|----------------|-----|----------------------|-----|-----|-------------------|---------------|---------|-----------|-----|------|
| | | L/A | L/B | H | | | | MA | MNA | TNA |
| PULSAR 40/50 M | 562 | 690 | 220 | 165 | 0,037 | 20 | 1 1/4" | 17,5 | 17 | 17,5 |
| PULSAR 40/50 T | | | | | | | | | | |
| PULSAR 50/50 M | 630 | 690 | 220 | 165 | 0,037 | 20 | 1 1/4" | 18,5 | 18 | 18,5 |
| PULSAR 50/50 T | | | | | | | | | | |
| PULSAR 65/50 M | 657 | 690 | 220 | 165 | 0,037 | 20 | 1 1/4" | 19,5 | 19 | 19,5 |
| PULSAR 65/50 T | | | | | | | | | | |
| PULSAR 30/80 M | 562 | 690 | 220 | 165 | 0,037 | 20 | 1 1/4" | 7,5 | 17 | 17,5 |
| PULSAR 30/80 T | | | | | | | | | | |
| PULSAR 40/80 M | 630 | 690 | 220 | 165 | 0,037 | 20 | 1 1/4" | 18,5 | 18 | 18,5 |
| PULSAR 40/80 T | | | | | | | | | | |
| PULSAR 50/80 M | 657 | 690 | 220 | 165 | 0,037 | 20 | 1 1/4" | 19,5 | 19 | 19,5 |
| PULSAR 50/80 T | | | | | | | | | | |

DIVER 6

SUBMERSIBLE MULTI-IMPELLER PUMPS



6" multi-impeller submersible pump for clean water, designed for pressurization, rainwater re-use, gardening and irrigation in residential building service.

The pump is ideal for use in rainwater recovery systems and to increase the water pressure.

Available as manual or automatic model. The automatic version is a single-phase pump with a float switch for protection against dry running. It does not require a control panel with the starting capacitor and the motor with integrated overheating protection. Equipped with stainless steel debris filter, a non-return valve and a 15 meter power cable with power plug. Renewed to further increase reliability and the ergonomics (the handle has been completely redesigned).

The pumps is supplied as standard with a four-section outlet fitting-reducer.

Flow rate maximum
From 1 m³/h to 5,4 m³/h

Head up to 46 m

Maximum immersion depth 12 m

Type of pumped liquid Clean, free from solid or abrasive substances, non-viscous, non-aggressive, non-crystallized and chemically neutral

Minimum and maximum ambient temperature 0°C / +35°C

Maximum number of starts 20/h

Impeller/s material Technopolymer

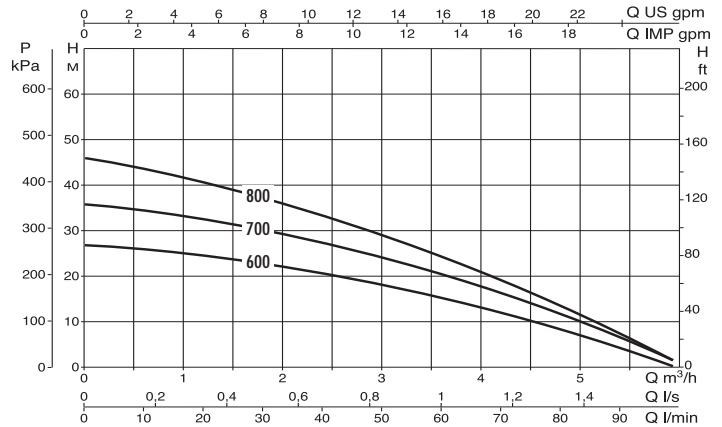
Power cable (m) and plug
15 m H07RNF with power plug

Possible type of installation
Fixed or portable in vertical position

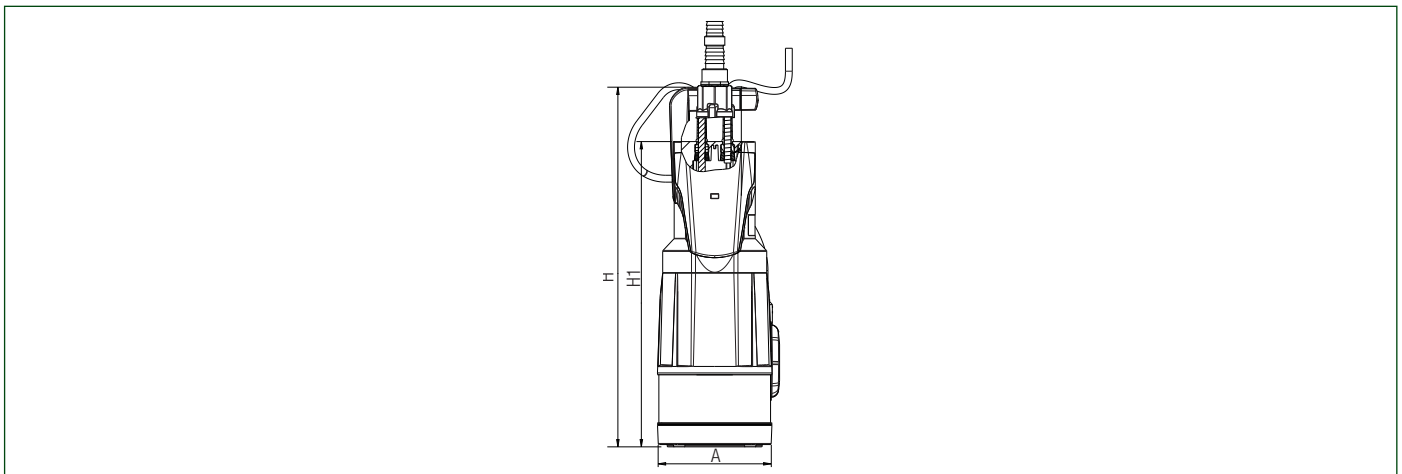
Special versions on request
Cables of different lengths, different plugs

TECHNICAL DATA

| MODEL | ELECTRICAL DATA | | | | | | |
|--------------------|------------------|--------------|------------|------|---------------------|-----------|-----|
| | VOLTAGE 60 Hz | P1 MAX kW | P2 NOMINAL | | I _n A | CAPACITOR | |
| | | | kW | HP | | μF | Vc |
| DIVER 6 600 M-A | V115/60Hz | 0,95 | 0,65 | 0,88 | 8,7 | 30 | 250 |
| DIVER 6 600 M-A | V230/60Hz | 0,77 | 0,50 | 0,7 | 3,5 | 8 | 420 |
| DIVER 6 700 M-A | V115/60Hz | 0,77 | 0,55 | 0,75 | 7,8 | 30 | 250 |
| DIVER 6 700 M-A | V230/60Hz | 0,88 | 0,60 | 0,8 | 3,8 | 12,5 | 450 |
| DIVER 6 800 M-A | V115/60Hz | 0,95 | 0,65 | 0,9 | 8,7 | 30 | 250 |
| DIVER 6 800 M-A | V230/60Hz | 1,05 | 0,65 | 0,9 | 4,6 | 12,5 | 450 |



DIMENSIONS AND WEIGHTS



| MODEL | A | H | H1 | Ø | PACKING DIMENSIONS | | | PACKING VOLUME m ³ | Q.TY X PALLET | WEIGHT Kg |
|-------------------|-----|-----|-----|----|--------------------|-----|-----|----------------------------------|---------------------|--------------|
| | | | | | L/A | L/B | H | | | |
| DIVER 6 - 600 M-A | 150 | 423 | 354 | 1" | 230 | 190 | 500 | 0,02 | 40 | 8,05 |
| DIVER 6 - 700 M-A | 150 | 470 | 399 | 1" | 230 | 190 | 500 | 0,02 | 40 | 9,30 |
| DIVER 6 - 800 M-A | 150 | 470 | 399 | 1" | 230 | 190 | 500 | 0,02 | 40 | 9,45 |

DIVERTRON

ELECTRONIC MULTISTAGE SUBMERSIBLE PUMPS



CE Submersible multistage pumps with built-in integrated electronics, designed to automatically start and stop the pump. Built-in electronic board, pressure switch and flow sensor. Equipped with dry-run protection. Built-in non return valve. Easy to use. High reliability. Available with 3 or 4 impellers. Supplied with 15 m power cord. Available with screen filter or stainless steel ring for use of suction kit.

Installation recommended with auxiliary tank (see accessories section).



Operating range from 1 to 5,4 m³/h with head up to 46 metres.

Pumped liquid clean, free of solids and abrasives, non-aggressive.

Liquid temperature range from 0 °C to +35 °C.

Max. immersion depth 12 metres.

Motor protection class IP 68.

Motor protection rating F.

Installation fixed or portable, vertical position.

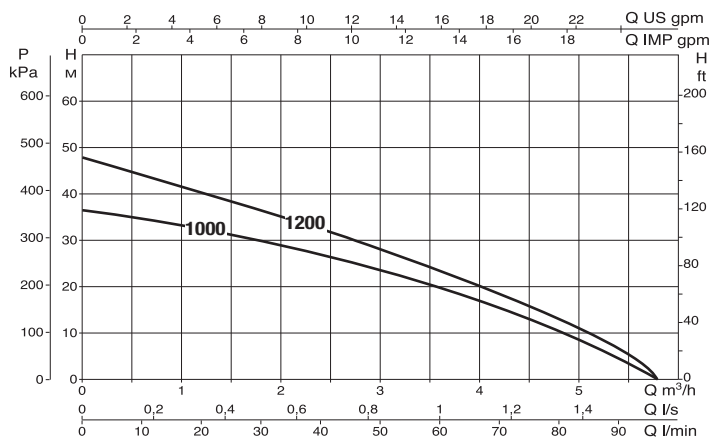
Operation Manual or automatic with electronic ON/OFF (continuous duty with totally submerged pump).

Discharge port diameter 1".

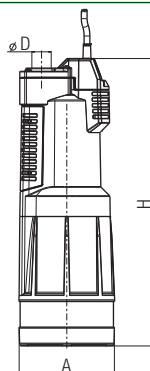
Pump maximum diameter 150 mm.

TECHNICAL DATA

| MODEL | ELECTRICAL DATA | | | | | | |
|------------------|------------------|--------------|------------|-----|---------------------|-----------|-----|
| | VOLTAGE 60 Hz | P1 MAX kW | P2 NOMINAL | | I _n A | CAPACITOR | |
| | | | kW | HP | | μF | Vc |
| DIVERTRON 1000 M | V115/60Hz | 1 | 0,65 | 0,9 | 8,9 | 35 | 250 |
| DIVERTRON 1000 M | V230/60Hz | 1 | 0,65 | 0,9 | 3,9 | 12,5 | 450 |
| DIVERTRON 1200 M | V115/60Hz | 1,1 | 0,75 | 1 | 10,1 | 35 | 250 |
| DIVERTRON 1200 M | V230/60Hz | 1,1 | 0,75 | 1 | 4,7 | 12,5 | 450 |



DIMENSIONS AND WEIGHTS



| MODEL | A | ØD | H | Ø (NPT) | WEIGHT Kg |
|----------------|-----|-----|-----|---------|--------------|
| DIVERTRON 1000 | 150 | 423 | 354 | 1" | 8,05 |
| DIVERTRON 1200 | 150 | 470 | 399 | 1" | 9,30 |

ACCESSORIES

| MODEL |
|----------------|
| AUXILIARY TANK |

DTRON 2

7" ELECTRONIC MULTISTAGE SUBMERSIBLE PUMPS



7" submersible electronic multi-impeller pump designed for use in water wells, tanks or cisterns. The pump is suitable for use in residential building service for pressurization, rainwater reuse and gardening and irrigation.

The pressure switch and flow switch integrated with the electronic board, make the pump completely automatic for the switching on/off and dry running protection. It integrates a double mechanical seal, a non return valve and a handle for ease transport and installation. Built with an innovative modular design: the hydraulic part, the motor, the electrical part and the filter can be disassembled separately, simplifying the maintenance activity.

The suction height is adjustable from the bottom up to 8 cm using the special accessory supplied as standard. A float can be connected without compromising the water tightness of the pump thanks to the NFC pocket. The integrated expansion vessel protect from water hammer, an additional expansion vessel is not required. The cable has a quick coupling for easier installation inside the tank/cistern.

The pump is also available in X version with 1" intake and kit X which includes 1 meter suction hose and float to prevent the suction of impurities from the bottom. The whole pump is classified as IP 68. With the accessory DOC68 (supplied separately) becomes a surface pump to be used under the water level.

* Certified version for drinking water is available on request.

Maximum immersion depth 12 m

Type of pumped liquid Clean, free from solid or abrasive substances, non-viscous, non-aggressive, non-crystallized and chemically neutral

Free passage 2 mm

Liquid temperature range from +0°C to +50°C

Maximum immersion depth 15 m

Set cut-in 2,4 bar (+-0,2)

Outlet connection Thread 1" 1/4

Pump maximum diameter 185 mm

Protection class IP 68

Motor insulation class F

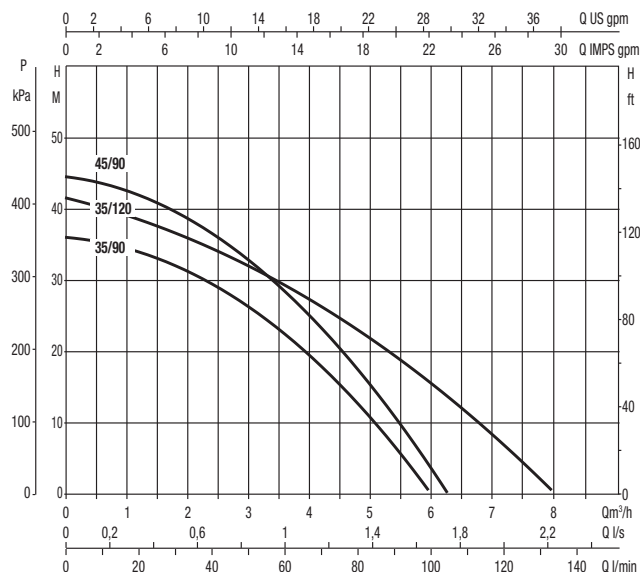
Power cable (m) and plug 15 m with plug

Possible type of installation Fixed, horizontal or vertical. Submerged or semi-submerged. It can be installed on the surface, under the water level, or outside in a vertical position with the DOC68 accessory (supplied separately).

DTRON 2

TECHNICAL DATA

| MODEL | VOLTAGE 60 Hz | P2 NOMINAL | | P1 MAX W | In A | Q max l/m | Q max m ³ /h | H max m |
|----------------|------------------|------------|------|-------------|---------|--------------|----------------------------|------------|
| | | kW | HP | | | | | |
| DTRON 2 35/90 | 115/60 | 0,48 | 0,65 | 800 | 7,4 | 100 | 6 | 37 |
| | 230/60 | 0,52 | 0,7 | 750 | 3,4 | 100 | 6 | 37 |
| DTRON 2 45/90 | 115/60 | 0,67 | 0,9 | 1050 | 9,7 | 105 | 6,3 | 45 |
| | 230/60 | 0,6 | 0,8 | 930 | 4,2 | 105 | 6,3 | 45 |
| DTRON 2 35/120 | 115/60 | 0,67 | 0,9 | 950 | 8,8 | 125 | 7,5 | 40 |
| | 230/60 | 0,6 | 0,8 | 900 | 4 | 125 | 7,5 | 40 |



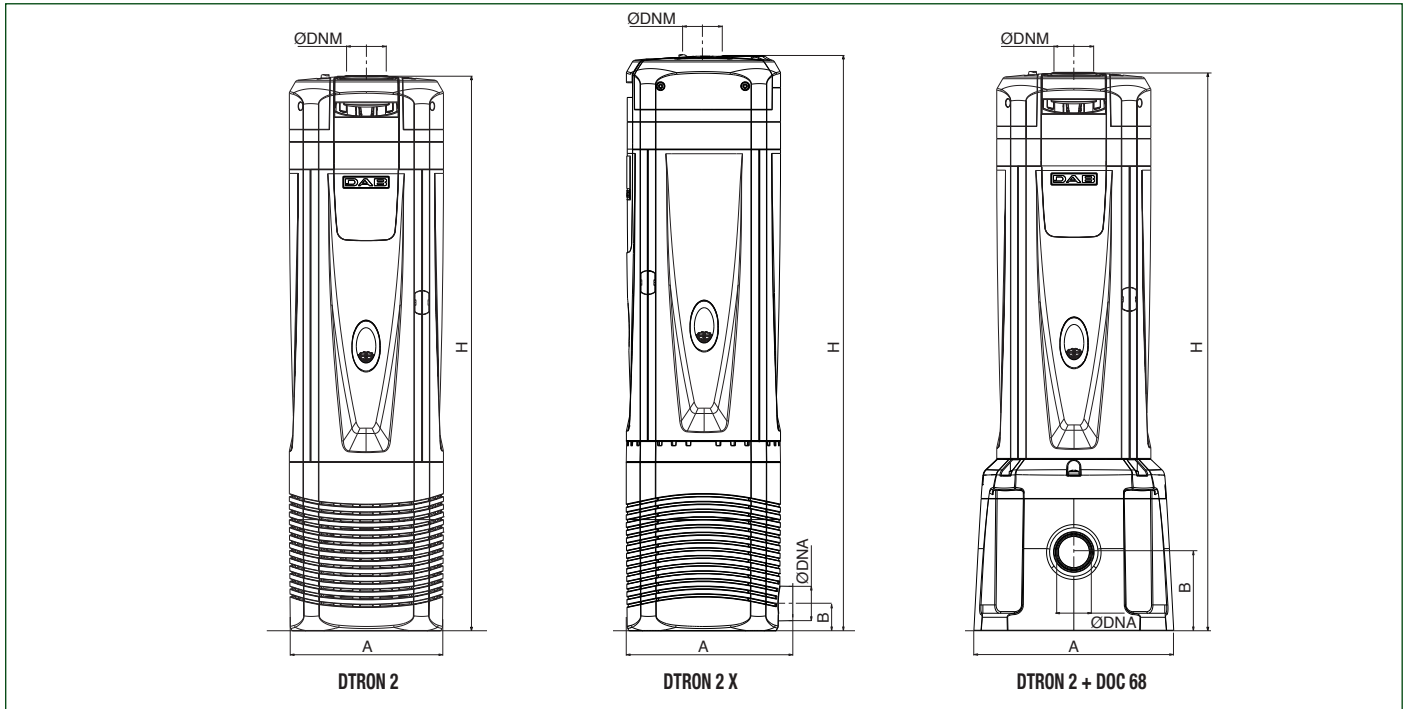
X VERSION

| MODEL |
|----------------------------------|
| DTRON2 X 35/90 |
| DTRON2 X 45/90 |
| DTRON2 X 35/120 |
| DTRON2 X 35/90 + 1m SUCTION KIT |
| DTRON2 X 45/90 + 1m SUCTION KIT |
| DTRON2 X 35/120 + 1m SUCTION KIT |



The photo is purely indicative, the accessory is supplied unassembled.

DIMENSIONS AND WEIGHTS



| MODEL | A | B | H | Ø DNM | Ø DNA | PACKING DIMENSIONS | | | PACKING VOLUME m ³ | Q.TY X PALLET | WEIGHT Kg |
|------------------------|-----|----|-----|--------|--------|--------------------|------|------|-------------------------------|---------------|-----------|
| | | | | | | L/A | L/B | H | | | |
| DTRON2 35/90 | 185 | - | 611 | 1" 1/4 | - | 740 | 230 | 300 | 0,05106 | 15 | 11,4 |
| DTRON2 45/90 | 185 | - | 611 | 1" 1/4 | - | 740 | 230 | 300 | 0,05106 | 15 | 11,4 |
| DTRON2 35/120 | 185 | - | 636 | 1" 1/4 | - | 740 | 230 | 300 | 0,05106 | 15 | 11,4 |
| DTRON2 X 35/90 | 195 | 32 | 636 | 1" 1/4 | 1" | 740 | 230 | 300 | 0,05106 | 15 | 11,5 |
| DTRON2 X 45/90 | 195 | 32 | 636 | 1" 1/4 | 1" | 740 | 230 | 300 | 0,05106 | 15 | 11,5 |
| DTRON2 X 35/120 | 195 | 32 | 611 | 1" 1/4 | 1" | 740 | 230 | 300 | 0,05106 | 15 | 11,5 |
| DTRON2 35/90 + DOC 68 | 235 | 92 | 618 | 1" 1/4 | 1" 1/4 | 382* | 306* | 178* | 0,0208* | 30* | 3* |
| DTRON2 45/90 + DOC 68 | 235 | 92 | 618 | 1" 1/4 | 1" 1/4 | 382* | 306* | 178* | 0,0208* | 30* | 3* |
| DTRON2 35/120 + DOC 68 | 235 | 92 | 618 | 1" 1/4 | 1" 1/4 | 382* | 306* | 178* | 0,0208* | 30* | 3* |

*Data referred to the DOC68 accessory only

DTRON 3

7" ELECTRONIC MULTISTAGE SUBMERSIBLE PUMPS



7" electronic submersible multi-impeller pump for clean water designed for use in wells, cisterns or tanks. It can be used submerged, partially submerged or on the surface (with the appropriate accessory).

It is suitable for use in residential building service for pressurization, reuse of rainwater and gardening and irrigation activities.

The pressure sensor and a flow meter integrated with the electronic board, make the pump completely automatic for the switching on/off and dry running protection. It integrates a double mechanical seal, a non return valve and a handle for ease transport and installation. Suction height can be adjusted from the bottom up to 8 cm using the special accessory supplied as standard. It is possible to connect a float without compromising the watertight seal of the pump thanks to the NFC (Near Field Communication) pocket.

The starting pressure is adjustable through the Com Box, supplied as standard. Expansion vessel included, use of an additional expansion vessel is superfluous. 15 meter power cable with plug. The Com Box allows you to set the start and stop pressure and to control the alarms.

Pump available in the X version with 1" inlet and X kit which includes the 1 meter suction tube and float to prevent the suction of impurities from the bottom.

The entire pump is IP 68 certified. With the DOC68 accessory (supplied separately) it becomes an IP 68 surface pump to be used under head. If the pump is combined with an identical DTRON 3 the two pumps can operate in twin or alternate mode.

* Certified version for drinking water available on request.

Maximum immersion depth 12 m

Type of pumped liquid Clean, free from solid or abrasive substances, non-viscous, non-aggressive, non-crystallized and chemically neutral

Free passage 2 mm

Liquid temperature range from +0°C to +50°C

Maximum immersion depth 15 m

Set cut-in 2,4 bar (+0,2)

Outlet connection Thread 1" 1/4

Pump maximum diameter 185 mm

Protection class IP 68

Motor insulation class F

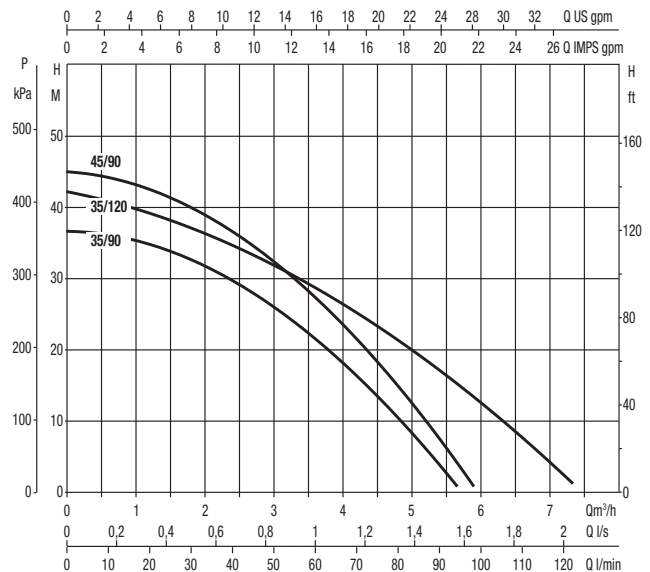
Power cable (m) and plug 15 m with plug

Possible type of installation Fixed, horizontal or vertical. Submerged or semi-submerged. It can be installed on the surface, under the water level, or outside in a vertical position with the DOC68 accessory (supplied separately).

DTRON 3

TECHNICAL DATA

| MODEL | VOLTAGE 60 Hz | P2 NOMINAL | | P1 MAX W | In A | Q max l/m | Q max m ³ /h | H max m |
|----------------|------------------|------------|------|-------------|---------|--------------|----------------------------|------------|
| | | kW | HP | | | | | |
| DTRON 3 35/90 | 115/60 | 0,48 | 0,65 | 800 | 7,4 | 95 | 5,7 | 35 |
| | 230/60 | 0,52 | 0,7 | 750 | 3,4 | 95 | 5,7 | 35 |
| DTRON 3 45/90 | 115/60 | 0,67 | 0,9 | 1050 | 9,7 | 100 | 6 | 45 |
| | 230/60 | 0,6 | 0,8 | 930 | 4,2 | 100 | 6 | 45 |
| DTRON 3 35/120 | 115/60 | 0,67 | 0,9 | 950 | 8,8 | 120 | 7,2 | 40 |
| | 230/60 | 0,6 | 0,8 | 900 | 4 | 120 | 7,2 | 40 |



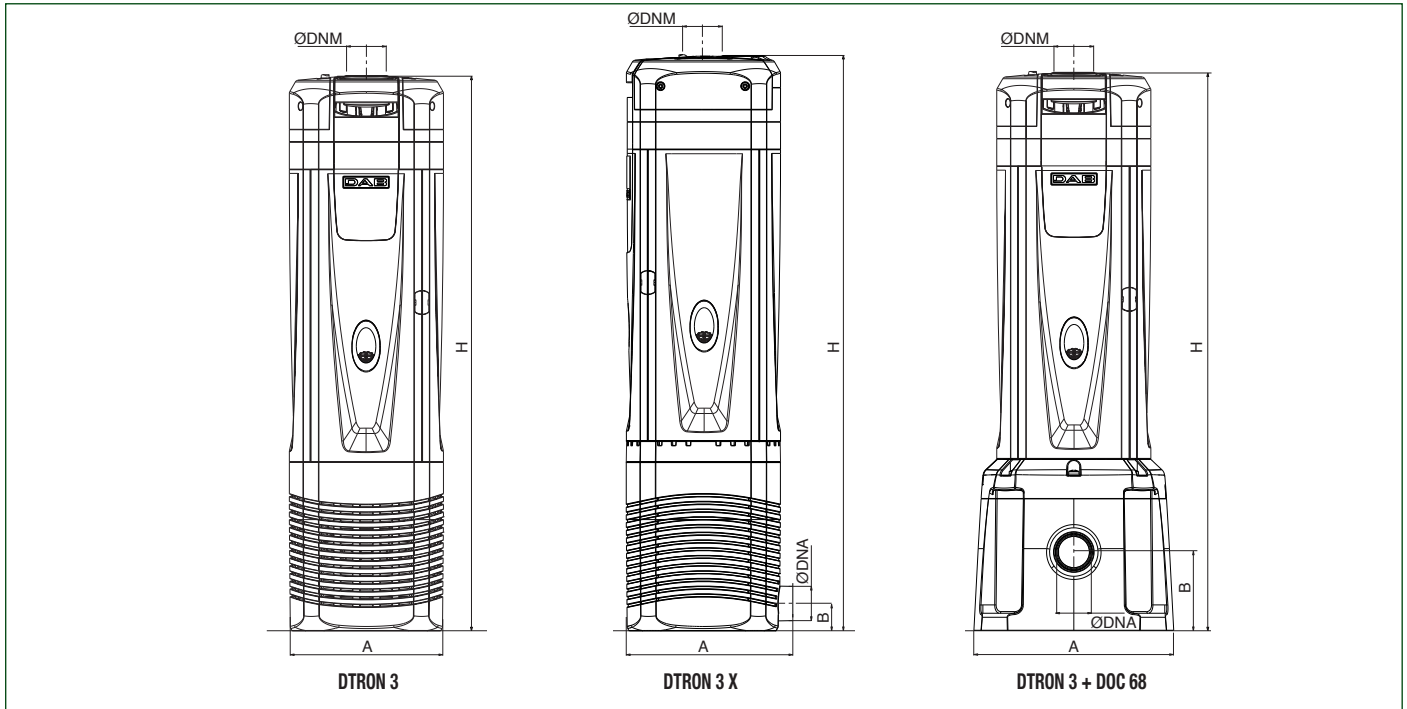
X VERSION

| MODEL |
|----------------------------------|
| DTRON3 X 35/90 |
| DTRON3 X 45/90 |
| DTRON3 X 35/120 |
| DTRON3 X 35/90 + 1m SUCTION KIT |
| DTRON3 X 45/90 + 1m SUCTION KIT |
| DTRON3 X 35/120 + 1m SUCTION KIT |



The photo is purely indicative, the accessory is supplied unassembled.

DIMENSIONS AND WEIGHTS



| MODEL | A | B | H | Ø DNM | Ø DNA | PACKING DIMENSIONS | | | PACKING VOLUME m³ | Q.TY X PALLET | WEIGHT Kg |
|------------------------|-----|----|-----|--------|--------|--------------------|------|------|-------------------|---------------|-----------|
| | | | | | | L/A | L/B | H | | | |
| DTRON3 35/90 | 185 | - | 651 | 1" 1/4 | - | 780 | 230 | 300 | 0,05382 | 15 | 11,6 |
| DTRON3 45/90 | 185 | - | 651 | 1" 1/4 | - | 780 | 230 | 300 | 0,05382 | 15 | 11,6 |
| DTRON3 35/120 | 185 | - | 651 | 1" 1/4 | - | 780 | 230 | 300 | 0,05382 | 15 | 11,6 |
| DTRON3 X 35/90 | 195 | 32 | 676 | 1" 1/4 | 1" | 780 | 230 | 300 | 0,05382 | 15 | 11,7 |
| DTRON3 X 45/90 | 195 | 32 | 676 | 1" 1/4 | 1" | 780 | 230 | 300 | 0,05382 | 15 | 11,7 |
| DTRON3 X 35/120 | 195 | 32 | 676 | 1" 1/4 | 1" | 780 | 230 | 300 | 0,05382 | 15 | 11,7 |
| DTRON3 35/90 + DOC 68 | 235 | 92 | 658 | 1" 1/4 | 1" 1/4 | 382* | 306* | 178* | 0,0208* | 30* | 3* |
| DTRON3 45/90 + DOC 68 | 235 | 92 | 658 | 1" 1/4 | 1" 1/4 | 382* | 306* | 178* | 0,0208* | 30* | 3* |
| DTRON3 35/120 + DOC 68 | 235 | 92 | 658 | 1" 1/4 | 1" 1/4 | 382* | 306* | 178* | 0,0208* | 30* | 3* |

*Data referred to the DOC68 accessory only

ESYBOX DIVER

7" MULTISTAGE SUBMERSIBLE PUMPS WITH VARIABLE FREQUENCY DRIVE



D CONNECT



esybox DIVER

7" multi-stage electronic pump with variable frequency drive for clean water designed for use in wells, tanks or cisterns. The pump can be used submerged, partially submerged or on the surface (with the DOC68 accessory, supplied separately). The pump is suitable for pressurization, rainwater re-use and gardening and irrigation activities in residential building service. The pump integrates the variable frequency drive for operation according to the system requirements a non-return valve and a handle in stainless steel for transport. The electronic operation also protects against dry running and the VFD saves energy. The suction height is adjustable from the bottom up to 8 cm. It is possible to connect a float and a level sensor without compromising the water tightness of the pump thanks to the NFC (Near Field Communication) pocket. Equipped with expansion tank making the use of an additional expansion tank superfluous. Wi-Fi connectivity as standard. The DConnect Box 2 is included, by downloading the DConnect app for Android or iOS you can control the pump from your smartphone. The pump is available in X version with 1" inlet and X kit which includes 1 meter suction hose and float to prevent the suction of impurities from the bottom. The whole pump is IP 68 certified, it can be used on the surface (under head). If combined with an identical pump, two pumps can operate in alternate or simultaneous mode.

- Flow rate maximum** 7,2 m³/h
- Head up to** 55 m
- Maximum immersion depth** 12 m standard version
- Type of pumped liquid** Clean, free from solid or abrasive substances, non-viscous, non-aggressive, non-crystallized and chemically neutral
- Free passage** 2 mm
- Liquid temperature range from** +0°C to +50°C
- Maximum immersion depth** 15 m
- Set cut-in** 2,4 bar (+-0,2)
- Outlet connection** Thread 1" 1/4
- Pump maximum diameter** 185 mm
- Protection class** IP 68
- Motor insulation class** F
- Power cable (m) and plug** 15 m with plug
- Possible type of installation** Fixed, horizontal or vertical. Submerged or semi-submerged. It can be installed on the surface, under the water level, or outside in a vertical position with the DOC68 accessory (supplied separately).

TECHNICAL DATA

| MODEL | ELECTRICAL DATA | | | | | HYDRAULIC DATA | | | | | | | | | | | | | |
|--------------|-----------------|-----------|---------------|-----|-------|---------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | VOLTAGE | P1 MAX kW | P2 NOMINAL kW | HP | In A | Q=m ³ /h | 0 | 0,6 | 1,2 | 1,8 | 2,4 | 3,0 | 3,6 | 4,2 | 4,8 | 5,4 | 6 | 6,6 | 7,2 |
| ESYBOX DIVER | 1 x 220-240 V ~ | 1,3 | 0,95 | 1,3 | 5,5 | Q=l/min | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 110 | 120 |
| | | | | | H (m) | | 55 | 55 | 55 | 55 | 55 | 55 | 53 | 44 | 34 | 26 | 17 | 7,5 | |

APPLICATIONS



Esybox Diver

Houses and small residential buildings up to 6 floors and a maximum of 9 apartments.*

*Indicative data. Please refer to the technical catalogue or DNA for correct sizing.

CERTIFICATIONS are pending approval



SUITABLE FOR PUMPING WATER FROM:



X VERSION

| MODEL |
|---------------------------------|
| ESYBOX DIVER X |
| ESYBOX DIVER X + 1m SUCTION KIT |

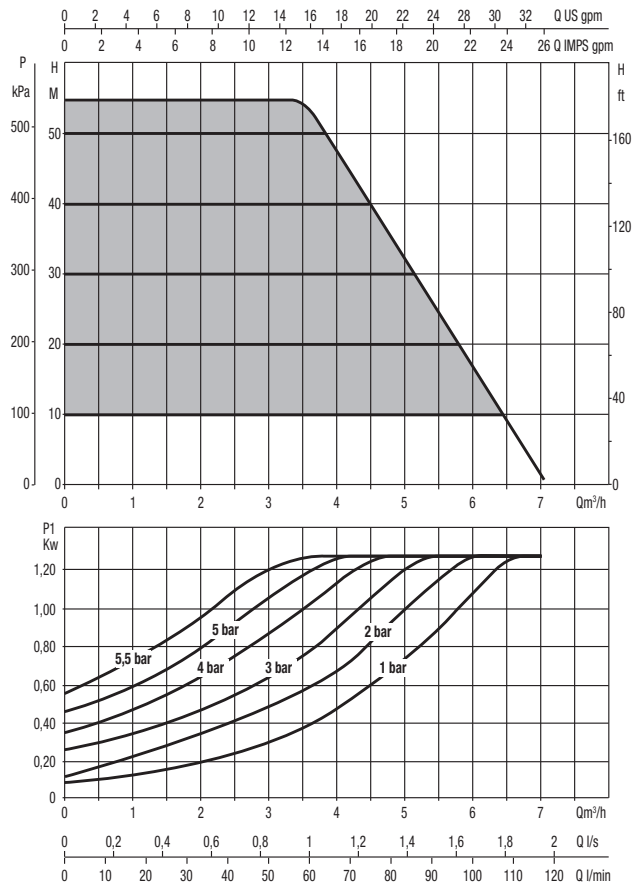
The photo is purely indicative, the accessory is supplied unassembled.



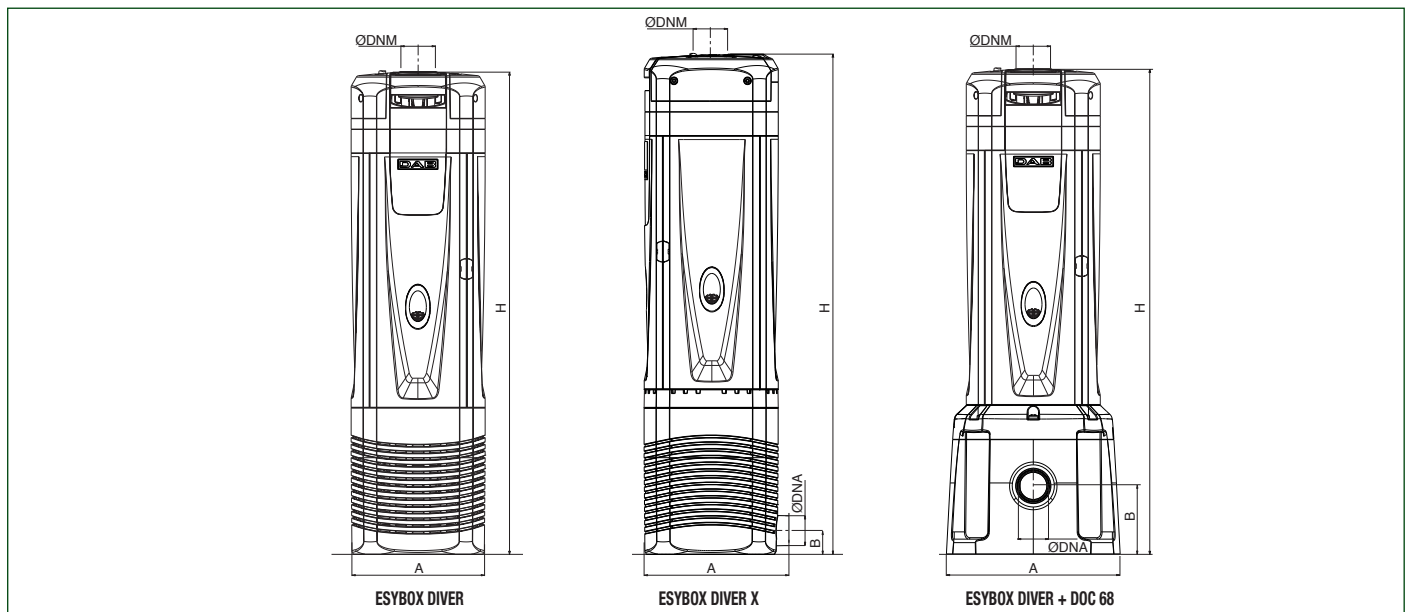
ESYBOX DIVER

7" MULTISTAGE SUBMERSIBLE PUMPS WITH VARIABLE FREQUENCY DRIVE

PERFORMANCE RANGE



DIMENSIONS AND WEIGHTS



| MODEL | A | B | H | Ø DNM | Ø DNA | PACKING DIMENSIONS | | | PACKING VOLUME m³ | Q.TY X PALLET | WEIGHT Kg |
|-----------------------|-----|----|-----|--------|--------|--------------------|------|------|-------------------|---------------|-----------|
| | | | | | | L/A | L/B | H | | | |
| ESYBOX DIVER | 185 | - | 651 | 1" 1/4 | - | 740 | 230 | 300 | 0,05106 | 15 | 17 |
| ESYBOX DIVER X | 195 | 32 | 676 | 1" 1/4 | 1" | 780 | 230 | 300 | 0,0538 | 15 | 17 |
| ESYBOX DIVER + DOC 68 | 235 | 92 | 658 | 1" 1/4 | 1" 1/4 | 382* | 306* | 178* | 0,0208* | 30* | 3* |

*Data referred to the DOC68 accessory only



DCONNECT
 COMMAND AND CONTROL SYSTEMS
 CIRCULATORS AND IN-LINE PUMPS
 MULTISTAGE CENTRIFUGAL AND SELF-PRIMING PUMPS
 SWIMMING POOL, POND AND SALT WATER PUMPS
 CENTRIFUGAL PUMPS
 SUBMERSIBLE PUMPS
 SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS
 PRESSURE UNITS

MICRA HS

HIGH SPEED 3" SUBMERSIBLE PUMPS



3" submersible pump for pressurization, gardening, irrigation and subsurface water removal tasks in residential building service.

It can be installed in wells of at least 3" or in cisterns and tanks; Micra HS makes it possible to increase the pressure of the water trapped and to use it to water the garden or the vegetable garden.

Micra HS is supplied with the Active Driver Plus variable frequency drive, which allows the pump motor speed to be adjusted according to requirements, thus allowing energy savings and increasing the maximum motor rotation speed (up to 130 Hz or 7600 rpm) to allow better performance compared to pumps of the same size.

Pump and motor coupled by rigid joint. Non-return valve integrated in the cylinder head. Two-pole asynchronous submersible electric motor with stator immersed in thermosetting insulating resin, with high heat dissipation capacity and encapsulated in a hermetic stainless steel casing.

The DConnect service makes remote control possible (with DConnect Box supplied separately).

Power supply tolerance

230 V (+10% / -20%) single-phase

Rotation speed 7.600 rpm (130 Hz)

Pump voltage 230 V three-phase

Operating range

from 1 to 5 m³/h with head up to 150 m

Pumped liquid clean, free of solid or abrasive contaminants, non-viscous, non-aggressive, chemically neutral, similar to water properties

Maximum permissible sand quantity: 50 g/m³

Liquid temperature range: from 0°C up to +35°C

Installation: boreholes ≥ 3" diameter and tanks in vertical position. In case of horizontal installation, ensure a minimum load applied to the thrust bearings

Power lead cable 1,4 m or 60 m removable cable (available also as optional single unit shielded cable 30m, 60m, 90m long)

The package contains the pump (hydraulic part and motor) with standard cable and Active Driver.

ACTIVE DRIVER PLUS

PAG. 24

TECHNICAL DATA

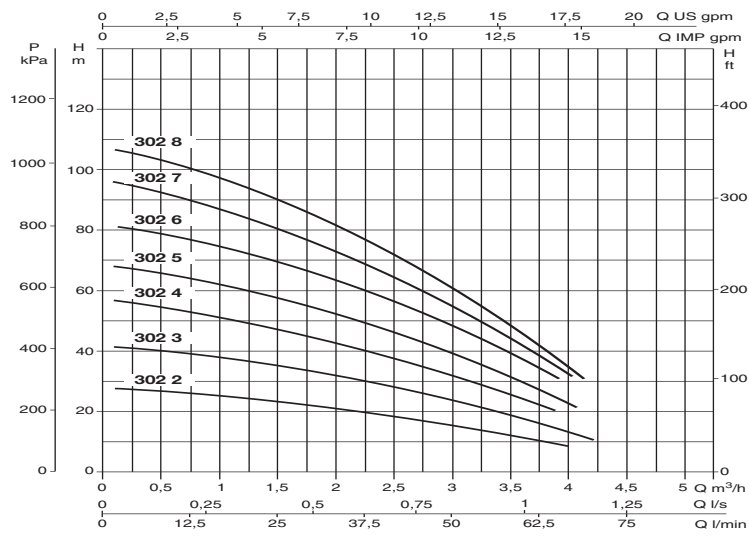
| MODEL | ELECTRICAL DATA | | | CABLE LENGTH m. | HYDRAULIC DATA (n ~ 6300 r.p.m.) | | | | | | | | | | | | | | | | | |
|---------------------|---------------------|-----------------|---------------------------------|--------------------|----------------------------------|-----|----|-----|----|-----|----|-----|----|-----|--|--|--|--|--|--|--|--|
| | VOLTAGE 50/60 Hz | P1 MÁX kW | Q m ³ /h l/min | | H (m) | | | | | | | | | | | | | | | | | |
| | | | | | 1 | 1.5 | 2 | 2.5 | 3 | 3.5 | 4 | 4.5 | 5 | 5,5 | | | | | | | | |
| MICRA HS 302 - 2 | 1x230 V ~ | 1 | 1,4 | 24 | 21 | 19 | 16 | 13 | 10 | 6 | | | | | | | | | | | | |
| MICRA HS 302 - 3 | 1x230 V ~ | 1.1 | 1,4 | 35 | 31 | 29 | 25 | 20 | 15 | 10 | | | | | | | | | | | | |
| MICRA HS 302 - 4 | 1x230 V ~ | 1.2 | 1,4 | 45 | 42 | 40 | 32 | 28 | 20 | 12 | | | | | | | | | | | | |
| MICRA HS 302 - 5 | 1x230 V ~ | 1.5 | 1,4 | 62 | 57 | 52 | 45 | 39 | 30 | 20 | | | | | | | | | | | | |
| MICRA HS 302 - 6 | 1x230 V ~ | 1.6 | 1,4 | 70 | 65 | 60 | 50 | 40 | 30 | 20 | | | | | | | | | | | | |
| MICRA HS 302 - 7 | 1x230 V ~ | 1.8 | 1,4 | 80 | 75 | 68 | 55 | 47 | 35 | 22 | | | | | | | | | | | | |
| MICRA HS 302 - 8 | 1x230 V ~ | 2 | 1,4 | 90 | 82 | 79 | 63 | 55 | 40 | 23 | | | | | | | | | | | | |
| MICRA HS 303 - 2 | 1x230 V ~ | 1.1 | 1,4 | 30 | 27 | 26 | 24 | 22 | 20 | 16 | 13 | | | | | | | | | | | |
| MICRA HS 303 - 3 | 1x230 V ~ | 1.3 | 1,4 | 45 | 42 | 40 | 36 | 33 | 30 | 25 | 20 | | | | | | | | | | | |
| MICRA HS 303 - 4 | 1x230 V ~ | 1.6 | 1,4 | 60 | 57 | 54 | 50 | 47 | 41 | 37 | 30 | | | | | | | | | | | |
| MICRA HS 303 - 5 | 1x230 V ~ | 1.9 | 1,4 | 72 | 70 | 65 | 61 | 56 | 50 | 44 | 36 | | | | | | | | | | | |
| MICRA HS 303 - 6 | 1x230 V ~ | 2.2 | 1,4 | 85 | 81 | 77 | 71 | 65 | 58 | 50 | 40 | | | | | | | | | | | |
| MICRA HS 304 - 3 | 1x230 V ~ | 1.8 | 1,4 | 48 | 45 | 43 | 41 | 39 | 37 | 33 | 30 | 28 | 25 | | | | | | | | | |
| MICRA HS 304 - 4 | 1x230 V ~ | 2.1 | 1,4 | 65 | 63 | 61 | 58 | 55 | 51 | 47 | 42 | 38 | 32 | | | | | | | | | |
| MICRA HS 302-2 +L30 | 1x230 V ~ | 1 | 30 | 24 | 21 | 19 | 16 | 13 | 10 | 6 | | | | | | | | | | | | |
| MICRA HS 302-3 +L30 | 1x230 V ~ | 1.1 | 30 | 35 | 31 | 29 | 25 | 20 | 15 | 10 | | | | | | | | | | | | |
| MICRA HS 302-4 +L30 | 1x230 V ~ | 1.2 | 30 | 45 | 42 | 40 | 32 | 28 | 20 | 12 | | | | | | | | | | | | |
| MICRA HS 302-5 +L30 | 1x230 V ~ | 1.5 | 30 | 62 | 57 | 52 | 45 | 39 | 30 | 20 | | | | | | | | | | | | |
| MICRA HS 302-6 +L30 | 1x230 V ~ | 1.6 | 30 | 70 | 65 | 60 | 50 | 40 | 30 | 20 | | | | | | | | | | | | |
| MICRA HS 302-7 +L30 | 1x230 V ~ | 1.8 | 30 | 80 | 75 | 68 | 55 | 47 | 35 | 22 | | | | | | | | | | | | |
| MICRA HS 302-8 +L30 | 1x230 V ~ | 2 | 30 | 90 | 82 | 79 | 63 | 55 | 40 | 23 | | | | | | | | | | | | |
| MICRA HS 303-2 +L30 | 1x230 V ~ | 1.1 | 30 | 30 | 27 | 26 | 24 | 22 | 20 | 16 | 13 | | | | | | | | | | | |
| MICRA HS 303-3 +L30 | 1x230 V ~ | 1.3 | 30 | 45 | 42 | 40 | 36 | 33 | 30 | 25 | 20 | | | | | | | | | | | |
| MICRA HS 303-4 +L30 | 1x230 V ~ | 1.6 | 30 | 60 | 57 | 54 | 50 | 47 | 41 | 37 | 30 | | | | | | | | | | | |
| MICRA HS 303-5 +L30 | 1x230 V ~ | 1.9 | 30 | 72 | 70 | 65 | 61 | 56 | 50 | 44 | 36 | | | | | | | | | | | |
| MICRA HS 303-6 +L30 | 1x230 V ~ | 2.2 | 30 | 85 | 81 | 77 | 71 | 65 | 58 | 50 | 40 | | | | | | | | | | | |
| MICRA HS 304-3 +L30 | 1x230 V ~ | 1.8 | 30 | 48 | 45 | 43 | 41 | 39 | 37 | 33 | 30 | 28 | 25 | | | | | | | | | |
| MICRA HS 304-4 +L30 | 1x230 V ~ | 2.1 | 30 | 65 | 63 | 61 | 58 | 55 | 51 | 47 | 42 | 38 | 32 | | | | | | | | | |

DCONNECT
 COMMAND AND CONTROL SYSTEMS
 CIRCULATORS AND IN-LINE PUMPS
 MULTIPHASE CENTRIFUGAL AND SELF-PRIMING PUMPS
 SWIMMING POOL, POND AND SALT WATER PUMPS
 CENTRIFUGAL PUMPS
 SUBMERSIBLE PUMPS
 SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS
 PRESSURE UNITS

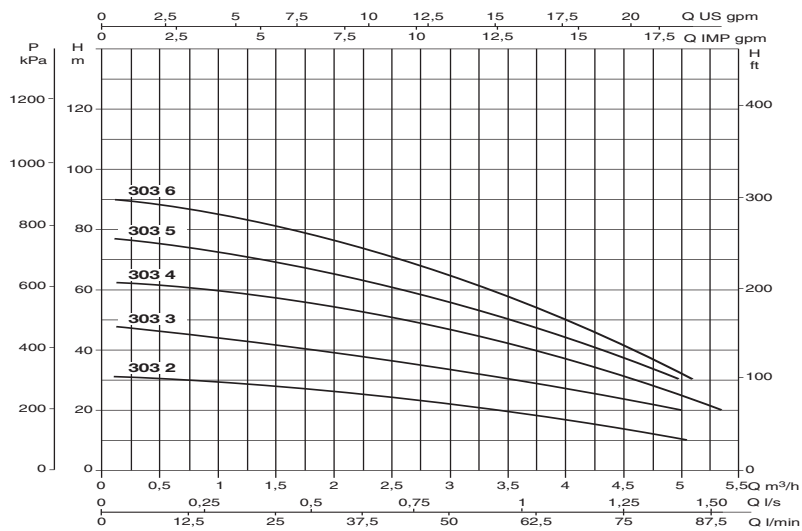
MICRA HS

HIGH SPEED 3" SUBMERSIBLE PUMPS

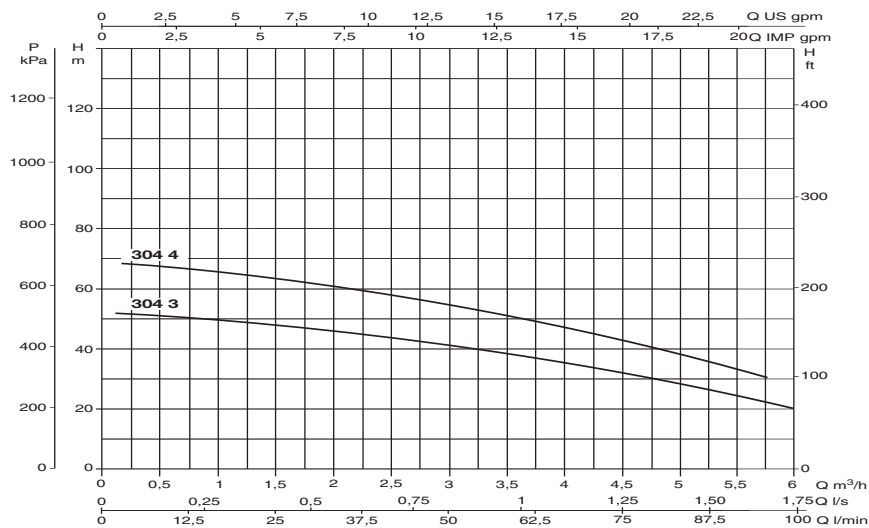
MICRA HS 302



MICRA HS 303



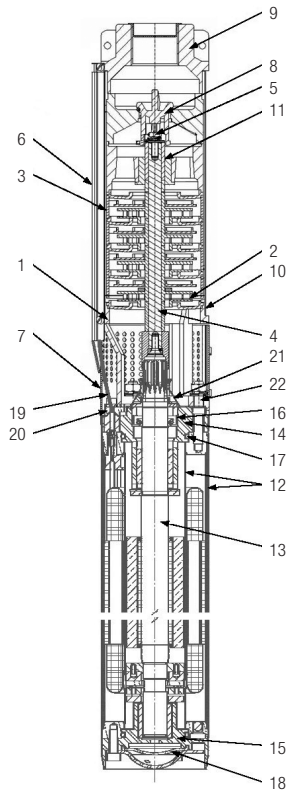
MICRA HS 304



Measured performance at the maximum frequency of 110 Hz

MICRA HS

HIGH SPEED 3" SUBMERSIBLE PUMPS



| N° | PARTS* | MATERIALS |
|--------------|--------------------------|------------|
| PUMP | | |
| 1 | BASE SUPPORT | BRASS 0T58 |
| 2 | IMPELLER | NORYL GFN2 |
| 3 | DIFFUSER | POLYACETYL |
| 4 | SHAFT | AISI 430F |
| 5 | COUPLING | AISI 316L |
| 6 | CABLE SHEATH | AISI 430 |
| 7 | STRAINER | AISI 430 |
| 8 | VALVE | POLYACETYL |
| 9 | DELIVERY BODY | BRASS 0T58 |
| 10 | PUMP LINER | AISI 304 |
| 11 | BUSHES | PUR |
| MOTOR | | |
| 12 | INTERNAL AND OUTER LINER | AISI 304 |
| 13 | SHAFT | AISI 431 |
| 14 | UPPER SUPPORT | BRASS 0T58 |
| 15 | LOWER SUPPORT | BRASS 0T58 |
| 16 | LIP SEAL | NBR |
| 17 | GASKETS | NBR |
| 18 | BELLOW SEAL | EPDM |
| 19 | CABLE | EPDM |
| 20 | CONNECTOR PLUG | AISI 304 |
| 21 | SAND GUARD | NBR |
| 22 | SCREWS | AISI 304 |

In contact with the liquid

DIMENSIONS AND WEIGHTS



| MODEL | Ø | H | DNM G | PACKAGING DIMENSIONS (mm) | | |
|----------------|----|-----|-------|---------------------------|------|-----|
| | | | | L/A | L/B | H |
| MICRA HS 302-2 | 74 | 580 | 1" | 320 | 1300 | 275 |
| MICRA HS 302-3 | 74 | 605 | 1" | 320 | 1300 | 275 |
| MICRA HS 302-4 | 74 | 630 | 1" | 320 | 1300 | 275 |
| MICRA HS 302-5 | 74 | 655 | 1" | 320 | 1300 | 275 |
| MICRA HS 302-6 | 74 | 680 | 1" | 320 | 1300 | 275 |
| MICRA HS 302-7 | 74 | 705 | 1" | 320 | 1300 | 275 |
| MICRA HS 302-8 | 74 | 730 | 1" | 320 | 1300 | 275 |
| MICRA HS 303-2 | 74 | 580 | 1" | 320 | 1300 | 275 |
| MICRA HS 303-3 | 74 | 605 | 1" | 320 | 1300 | 275 |
| MICRA HS 303-4 | 74 | 630 | 1" | 320 | 1300 | 275 |
| MICRA HS 303-5 | 74 | 655 | 1" | 320 | 1300 | 275 |
| MICRA HS 303-6 | 74 | 680 | 1" | 320 | 1300 | 275 |
| MICRA HS 304-3 | 74 | 605 | 1" | 320 | 1300 | 275 |
| MICRA HS 304-4 | 74 | 630 | 1" | 320 | 1300 | 275 |

MICRA

3" SUBMERSIBLE PUMPS



CE Centrifugal type. Directly coupled pump and motor with rigid coupling. Impellers and thrust rings in Noryl and diffusers in self-lubricating polyacetyl. Pump liner, shaft and coupling, strainer and cable sheath in stainless steel. Base support and head in brass with check valve incorporated in head. Submersible asynchronous two-pole motor made entirely of AISI 304 stainless steel with brass bearings. Squirrel cage rotor in copper mounted on Kingsbury thrust block. Cooling of the thrust bearing assembly and the bushings is provided by water, thereby eliminating the risk of oil contamination. **Stainless steel cased stator, filled with thermosetting resin with high insulation property and better thermal dissipation capability.** The automatic reset thermal protection device is integral with the motor.

Liquid quality requirements clean, free of solid or abrasive contaminants, non-viscous, chemically neutral, close to the properties of water.

Liquid temperature range da 0° C a +35° C

Maximum permissible sand quantity 40 g/m³

Protection rating IP 68

Heat insulation class F

Max. no. of starts 20/h

Power cable

MICRA 50 - 1 m.

MICRA 75 - 1,2 m.

MICRA 100 - 1,4 m.

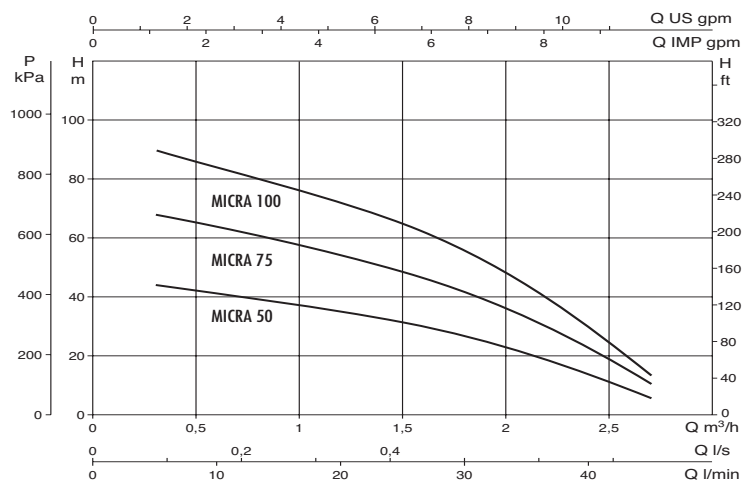
Ready-to-install kit available including single phase electric pump with 15m cable and double capacitor control panel.

⁽¹⁾ Required for single-phase versions

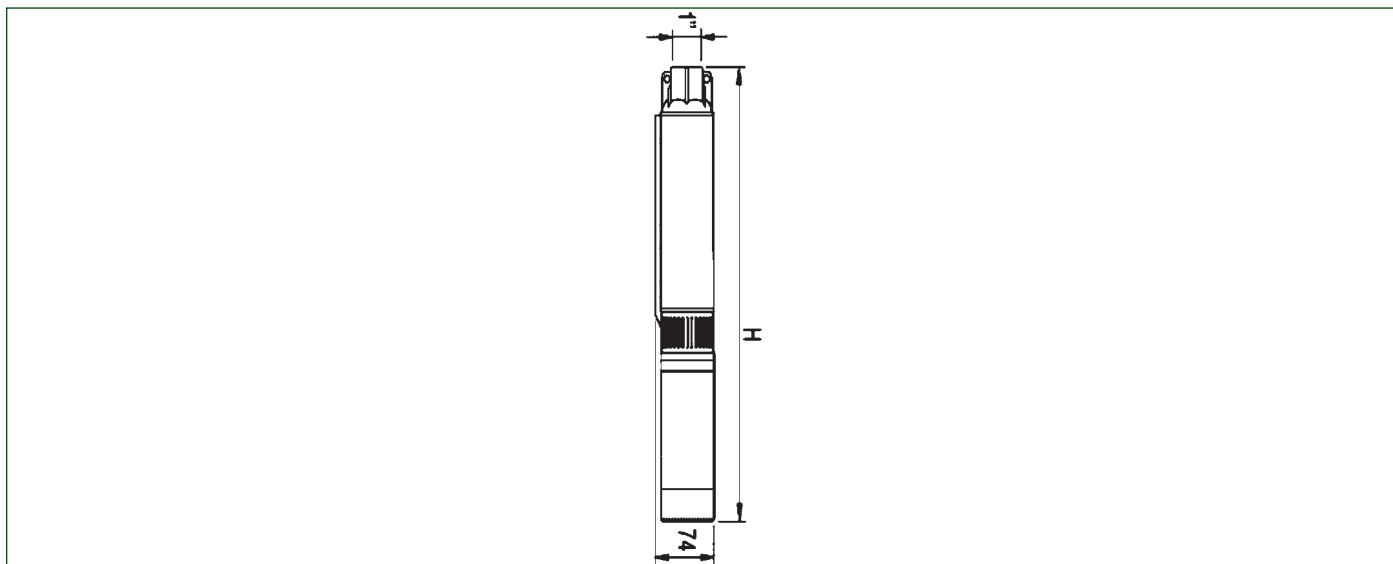
TECHNICAL DATA

| MODEL | ELECTRICAL DATA | | | | | | | HYDRAULIC DATA (n ~ 3450 r.p.m.) | | | | | | | |
|--|------------------|--------------|------------|------|---------|-----------|-----|----------------------------------|-----|-----|-----|-----|-----|-----|-----|
| | VOLTAGE 60 Hz | P1 MAX kW | P2 NOMINAL | | In A | CAPACITOR | | Q m ³ /h l/min | 0,3 | 0,6 | 0,9 | 1,2 | 1,8 | 2,4 | 2,7 |
| | | | kW | HP | | μF | Vc | | 5 | 10 | 15 | 20 | 30 | 40 | 45 |
| MICRA 50 M | 1x230V~ | 625 | 0,37 | 0,5 | 3,4 | 12 | 450 | H (m) | 41 | 39 | 37 | 35 | 29 | 21 | 16 |
| MICRA 75 M | 1x230V~ | 950 | 0,55 | 0,75 | 5,3 | 16 | 450 | | 65 | 62 | 58 | 53 | 44 | 32 | 25 |
| MICRA 100 M | 1x230V~ | 1200 | 0,75 | 1 | 6,1 | 20 | 450 | | 97 | 93 | 88 | 82 | 67 | 47 | 36 |
| MICRA 50 M + 15 mt. Cable + Control Box* | 1x230V~ | 625 | 0,37 | 0,5 | 3,4 | 12 | 450 | | 41 | 39 | 37 | 35 | 29 | 21 | 16 |
| MICRA 75 M + 15 mt. Cable + Control Box* | 1x230V~ | 950 | 0,55 | 0,75 | 5,3 | 16 | 450 | | 65 | 62 | 58 | 53 | 44 | 32 | 25 |
| MICRA 100 M + 15 mt. Cable + Control Box* | 1x230V~ | 1200 | 0,75 | 1 | 6,1 | 20 | 450 | | 97 | 93 | 88 | 82 | 67 | 47 | 36 |

* Double capacitor booster control panel to optimize the starting torque



DIMENSIONS AND WEIGHTS



| MODEL | Ø | H | DNM | PACKAGING DIMENSIONS | | WEIGHT KG |
|-----------|----|------|-----|----------------------|------|-----------|
| | | | | Ø | H | |
| MICRA 50 | 74 | 930 | 1" | 86 | 1150 | 9 |
| MICRA 75 | 74 | 1145 | 1" | 86 | 1350 | 10,2 |
| MICRA 100 | 74 | 1390 | 1" | 86 | 1600 | 13,6 |

ACCESSORIES - CONTROL PANEL FOR SINGLE-PHASE MICRA PUMP

- Impact resistant thermoplastic housing with two cable clamps
- Bipolar luminous main switch (voltage arrival)
- Degree of protection: IP 43
- Boot CAPACITOR
- Thermal protection with manual external reset

| MODEL | VOLTAGE 60 HZ | P2 NOMINAL | | PROTECTION | CAPACITOR µF | DIMENSIONS mm | WEIGHT Kg | TO BE USED FOR PUMP MODEL |
|---------|---------------|------------|------|------------|--------------|---------------|-----------|---------------------------|
| | 1x230 | kW | HP | | | | | |
| CB 12/6 | 1 x 230 V | 0,37 | 0,5 | 6A | 12 | 85 x 170 x 65 | 0,65 | MICRA 50 M |
| CB 16/7 | 1 x 230 V | 0,55 | 0,75 | 7A | 16 | 85 x 170 x 65 | 0,65 | MICRA 75 M |
| CB 20/9 | 1 x 230 V | 0,75 | 1 | 9A | 20 | 85 x 170 x 65 | 0,65 | MICRA 100 M |





4" Asynchronous two-poles submersible motor, **made in AISI 304 stainless steel** for parts in contact with water. Cooling and lubrication of the thrust bearing assembly and carbon bushes is provided by a **mixture of water and glycol**. Squirrel-cage rotor mounted on Kingsbury self-centring thrust bearing.

Stainless steel cased stator, filled with thermosetting resin with high insulation property and better thermal dissipation capability.

Removable cable connector to allow fast and easy maintenance. The cable is certified ACS, WRAS and KTW. Motor suitable for use with variable frequency drive (30 Hz – 50 Hz). Overload protection must be provided by user for the three-phase version.

Flanging NEMA - 4"

Protection level IP 68

Insulation class F

Equipped with cable

1,7 m for motor power up to 2,2 kW

2,7 m for motor power up to 3 kW

3,5 m for motor power of 7,5 kW

Available on request cables of different lengths, different supply voltage, thermal surge protector (50 Hz - PSC – from 0.5 HP to 1.5 HP)

TECHNICAL DATA

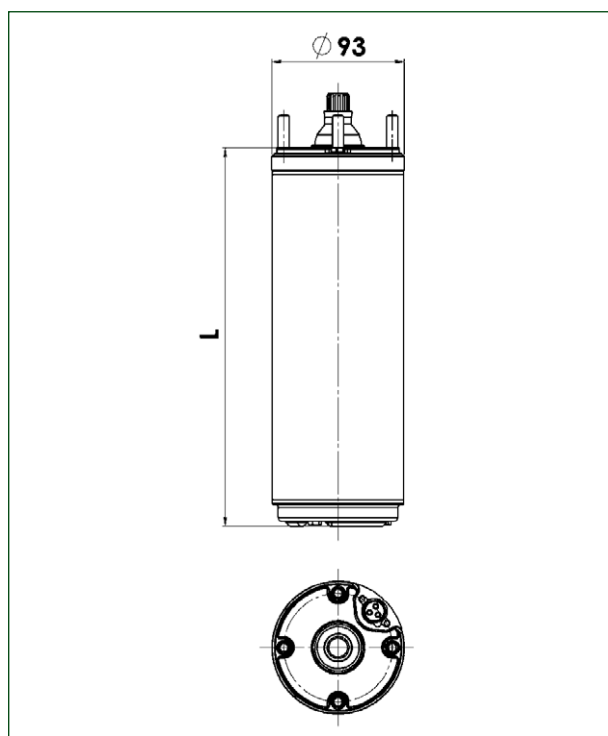
| MODEL | P2 NOMINAL | | VOLTAGE (V) | I _n (A) | I _n (SF) (A) | I _s /I _n | C _s /C _n | P1 (W) | N (min ⁻¹) | Cos φ | η % | C (μF) | Ø (mm ²) | LC (m) |
|---------------------------|------------|------|-------------|--------------------|-------------------------|--------------------------------|--------------------------------|--------|------------------------|-------|-----|--------|----------------------|--------|
| | hp | kW | | | | | | | | | | | | |
| 4GG - 0,37 KW - 115 V - M | 0,5 | 0,37 | 115 | 9,8 | 11 | 3,9 | 0,65 | 928 | 3540 | 0,88 | 46 | 80 | 4x1,5 | 1,7 |
| 4GG - 0,37 KW - 230 V - M | 0,5 | 0,37 | 230 | 4,9 | 5,5 | 3,9 | 0,65 | 928 | 3540 | 0,88 | 46 | 20 | 4x1,5 | 1,7 |
| 4GG - 0,55 KW - 115 V - M | 0,75 | 0,55 | 115 | 13,6 | 14,8 | 3,7 | 0,65 | 1200 | 3530 | 0,82 | 47 | 100 | 4x1,5 | 1,7 |
| 4GG - 0,55 KW - 230 V - M | 0,75 | 0,55 | 230 | 6,8 | 7,4 | 3,7 | 0,65 | 1200 | 3530 | 0,82 | 47 | 25 | 4x1,5 | 1,7 |
| 4GG - 0,75 KW - 115 V - M | 1 | 0,75 | 115 | 15,8 | 17,8 | 4,8 | 0,68 | 1526 | 3540 | 0,84 | 50 | 140 | 4x1,5 | 1,7 |
| 4GG - 0,75 KW - 230 V - M | 1 | 0,75 | 230 | 7,9 | 8,9 | 4,8 | 0,68 | 1526 | 3540 | 0,84 | 50 | 35 | 4x1,5 | 1,7 |
| 4GG - 1,1 KW - 230 V - M | 1,5 | 1,1 | 230 | 11,8 | 12,7 | 4,2 | 0,7 | 2120 | 3525 | 0,85 | 53 | 40 | 4x1,5 | 1,7 |
| 4GG - 1,5 KW - 230 V - M | 2 | 1,5 | 230 | 11,1 | 12,8 | 5,4 | 0,65 | 2448 | 3495 | 0,94 | 61 | 50 | 4x1,5 | 1,7 |
| 4GG - 2,2 KW - 230 V - M | 3 | 2,2 | 230 | 15,3 | 17,1 | 3,6 | 0,5 | 3360 | 3460 | 0,95 | 66 | 50 | 4x1,5 | 1,7 |
| 4GG - 3,7 KW - 230 V - M | 5 | 3,7 | 230 | 23,4 | 25,9 | 3,5 | 0,5 | 5150 | 3545 | 0,9 | 71 | 75 | 4x2 | 2,7 |
| 4GG - 0,37 KW - 230 V - T | 0,5 | 0,37 | 230 | 3,2 | 3,8 | 5,0 | 3,2 | 870 | 3490 | 0,4 | 42 | - | 4x1,5 | 1,7 |
| 4GG - 0,37 KW - 380 V - T | 0,5 | 0,37 | 380 | 1,9 | 2,3 | 5,3 | 3,2 | 870 | 3490 | 0,4 | 42 | - | 4x1,5 | 1,7 |
| 4GG - 0,37 KW - 460 V - T | 0,5 | 0,37 | 460 | 1,6 | 1,9 | 5,0 | 3,2 | 870 | 3490 | 0,4 | 42 | - | 4x1,5 | 1,7 |
| 4GG - 0,55 KW - 230 V - T | 0,75 | 0,55 | 230 | 4,4 | 4,8 | 5,5 | 3,6 | 1140 | 3510 | 0,47 | 48 | - | 4x1,5 | 1,7 |
| 4GG - 0,55 KW - 380 V - T | 0,75 | 0,55 | 380 | 2,6 | 2,9 | 5,8 | 3,6 | 1140 | 3510 | 0,47 | 48 | - | 4x1,5 | 1,7 |
| 4GG - 0,55 KW - 460 V - T | 0,75 | 0,55 | 460 | 2,2 | 2,4 | 5,5 | 3,6 | 1140 | 3510 | 0,47 | 48 | - | 4x1,5 | 1,7 |
| 4GG - 0,75 KW - 230 V - T | 1 | 0,75 | 230 | 5,2 | 5,6 | 5,8 | 4,2 | 1260 | 3520 | 0,59 | 59 | - | 4x1,5 | 1,7 |
| 4GG - 0,75 KW - 380 V - T | 1 | 0,75 | 380 | 3,1 | 3,4 | 5,8 | 4,2 | 1260 | 3520 | 0,59 | 59 | - | 4x1,5 | 1,7 |
| 4GG - 0,75 KW - 460 V - T | 1 | 0,75 | 460 | 2,6 | 2,8 | 5,8 | 4,2 | 1260 | 3520 | 0,59 | 59 | - | 4x1,5 | 1,7 |
| 4GG - 1,1 KW - 230 V - T | 1,5 | 1,1 | 230 | 7,2 | 7,8 | 6,7 | 4,1 | 1875 | 3520 | 0,53 | 60 | - | 4x1,5 | 1,7 |
| 4GG - 1,1 KW - 380 V - T | 1,5 | 1,1 | 380 | 4,4 | 4,7 | 6,6 | 4,1 | 1875 | 3520 | 0,53 | 60 | - | 4x1,5 | 1,7 |
| 4GG - 1,1 KW - 460 V - T | 1,5 | 1,1 | 460 | 3,6 | 3,9 | 6,7 | 4,1 | 1875 | 3520 | 0,53 | 60 | - | 4x1,5 | 1,7 |
| 4GG - 1,5 KW - 230 V - T | 2 | 1,5 | 230 | 9,2 | 9,8 | 6,7 | 3,8 | 2230 | 3525 | 0,57 | 67 | - | 4x1,5 | 1,7 |

The Control Box for the single-phase version is available on request

4GG 4" SUBMERSIBLE MOTORS

| MODEL | P2 NOMINAL | | VOLTAGE (V) | In (A) | In (SF) (A) | Is/In | Cs/Cn | P1 (W) | N (min ⁻¹) | Cos φ | η % | C (μF) | Ø (mm ²) | LC (m) |
|--------------------------|------------|-----|-------------|--------|-------------|-------|-------|--------|------------------------|-------|-----|--------|----------------------|--------|
| | hp | kW | | | | | | | | | | | | |
| 4GG - 1,5 KW - 380 V - T | 2 | 1,5 | 380 | 5,6 | 5,9 | 6,8 | 3,8 | 2230 | 3525 | 0,57 | 67 | - | 4x1,5 | 1,7 |
| 4GG - 1,5 KW - 460 V - T | 2 | 1,5 | 460 | 4,6 | 4,9 | 6,7 | 3,8 | 2230 | 3525 | 0,57 | 67 | - | 4x1,5 | 1,7 |
| 4GG - 2,2 KW - 230 V - T | 3 | 2,2 | 230 | 11,2 | 12 | 7,1 | 4,8 | 3160 | 3510 | 0,69 | 71 | - | 4x1,5 | 1,7 |
| 4GG - 2,2 KW - 380 V - T | 3 | 2,2 | 380 | 6,7 | 7,2 | 7,2 | 4,8 | 3160 | 3510 | 0,69 | 71 | - | 4x1,5 | 1,7 |
| 4GG - 2,2 KW - 460 V - T | 3 | 2,2 | 460 | 5,6 | 6 | 7,1 | 4,8 | 3160 | 3510 | 0,69 | 71 | - | 4x1,5 | 1,7 |
| 4GG - 3,0 KW - 230 V - T | 4 | 3 | 230 | 16,5 | 17,3 | 6,7 | 3,6 | 3900 | 3500 | 0,66 | 78 | - | 4x1,5 | 2,7 |
| 4GG - 3,0 KW - 380 V - T | 4 | 3 | 380 | 9,0 | 9,5 | 7,3 | 3,6 | 3900 | 3500 | 0,66 | 78 | - | 4x1,5 | 2,7 |
| 4GG - 3,0 KW - 460 V - T | 4 | 3 | 460 | 7,2 | 7,6 | 7,6 | 3,6 | 3900 | 3500 | 0,68 | 79 | - | 4x1,5 | 2,7 |
| 4GG - 4,0 KW - 230 V - T | 5,5 | 4 | 230 | 17,8 | 19,2 | 7,4 | 4 | 5230 | 3520 | 0,7 | 77 | - | 4x2 | 2,7 |
| 4GG - 4,0 KW - 380 V - T | 5,5 | 4 | 380 | 10,7 | 11,6 | 7,5 | 4 | 5230 | 3520 | 0,7 | 77 | - | 4x1,5 | 2,7 |
| 4GG - 4,0 KW - 460 V - T | 5,5 | 4 | 460 | 8,9 | 9,6 | 7,4 | 4 | 5230 | 3520 | 0,7 | 77 | - | 4x1,5 | 2,7 |
| 4GG - 5,5 KW - 230 V - T | 7,5 | 5,5 | 230 | 24 | 26 | 7,5 | 3,8 | 7100 | 3520 | 0,71 | 78 | - | 4x2 | 2,7 |
| 4GG - 5,5 KW - 380 V - T | 7,5 | 5,5 | 380 | 14,5 | 15,7 | 7,5 | 3,8 | 7100 | 3520 | 0,71 | 78 | - | 4x1,5 | 2,7 |
| 4GG - 5,5 KW - 460 V - T | 7,5 | 5,5 | 460 | 12 | 13 | 7,5 | 3,8 | 7100 | 3520 | 0,71 | 78 | - | 4x1,5 | 2,7 |
| 4GG - 7,5 KW - 380 V - T | 10 | 7,5 | 380 | 18,6 | 20 | 7,2 | 3,9 | 9300 | 3500 | 0,78 | 80 | - | 4x2 | 3,5 |
| 4GG - 7,5 KW - 460 V - T | 10 | 7,5 | 460 | 15,4 | 16,6 | 7,1 | 3,9 | 9300 | 3500 | 0,78 | 80 | - | 4x2 | 3,5 |

DIMENSIONS AND WEIGHTS



| MODEL | PHASE | L (mm) | WEIGHT Kg | AXIAL THRUST N |
|-------------------|-------|--------|-----------|----------------|
| 4GG - 0,37 KW - M | 1 | 236 | 6,7 | 2000 |
| 4GG - 0,55 KW - M | 1 | 266 | 8 | 2000 |
| 4GG - 0,75 KW - M | 1 | 286 | 9 | 2000 |
| 4GG - 1,1 KW - M | 1 | 331 | 11 | 2000 |
| 4GG - 1,5 KW - M | 1 | 393 | 13 | 3000 |
| 4GG - 2,2 KW - M | 1 | 413 | 13,8 | 3000 |
| 4GG - 3,7 KW - M | 1 | 684 | 23 | 6000 |
| 4GG - 0,37 KW - T | 3 | 216 | 6 | 2000 |
| 4GG - 0,55 KW - T | 3 | 236 | 6,7 | 2000 |
| 4GG - 0,75 KW - T | 3 | 266 | 8 | 2000 |
| 4GG - 1,1 KW - T | 3 | 286 | 9 | 2000 |
| 4GG - 1,5 KW - T | 3 | 348 | 11 | 3000 |
| 4GG - 2,2 KW - T | 3 | 393 | 13 | 3000 |
| 4GG - 3,0 KW - T | 3 | 544 | 19,7 | 6000 |
| 4GG - 4,0 KW - T | 3 | 614 | 23 | 6000 |
| 4GG - 5,5 KW - T | 3 | 684 | 26,6 | 6000 |
| 4GG - 7,5 KW - T | 3 | 764 | 30,6 | 6000 |



4" Asynchronous two-poles submersible motor, **made in full AISI 316 stainless steel**. Cooling and lubrication of the thrust bearing assembly and carbon bushes is provided by a **mixture of water and glycol**. Squirrel-cage rotor mounted on Kingsbury self-centring thrust bearing.

Stainless steel cased stator, filled with thermosetting resin with high insulation property and better thermal dissipation capability.

Removable cable connector to allow fast and easy maintenance. The cable is certified ACS, WRAS and KTW. Motor suitable for use with variable frequency drive (30 Hz – 50 Hz). Mechanical seal in silicon/carbide. Overload protection must be provided by user for the three-phase version.

Flanging NEMA - 4"

Protection level IP 68

Insulation class F

Equipped with cable

1,7 m for motor power up to 2,2 kW

2,7 m for motor power up to 3 kW

3,5 m for motor power of 7,5 kW

Available on request cables of different lengths, different supply voltage, thermal surge protector (50 Hz - PSC – from 0.5 HP to 1.5 HP)

TECHNICAL DATA

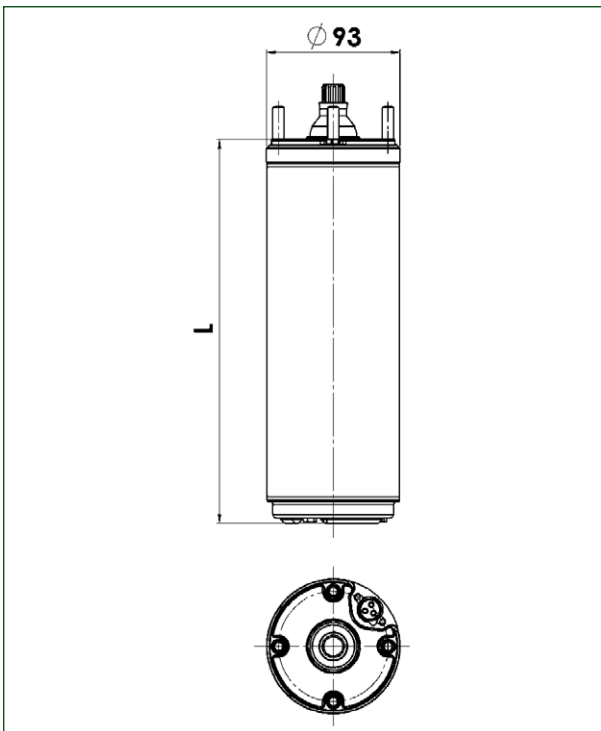
| MODEL | P2 NOMINAL | | VOLTAGE (V) | In (A) | In (SF) (A) | Is/In | Cs/Cn | P1 (W) | N (min ⁻¹) | Cos φ | η % | C (μF) | Ø (mm ²) | LC (m) |
|---------------------------|------------|------|-------------|--------|-------------|-------|-------|--------|------------------------|-------|-----|--------|----------------------|--------|
| | hp | kW | | | | | | | | | | | | |
| 4GX - 0,37 KW - 115 V - M | 0,5 | 0,37 | 115 | 9,8 | 11 | 3,9 | 0,65 | 928 | 3540 | 0,88 | 46 | 80 | 4x1,5 | 1,7 |
| 4GX - 0,37 KW - 230 V - M | 0,5 | 0,37 | 230 | 4,9 | 5,5 | 3,9 | 0,65 | 928 | 3540 | 0,88 | 46 | 20 | 4x1,5 | 1,7 |
| 4GX - 0,55 KW - 115 V - M | 0,75 | 0,55 | 115 | 13,6 | 14,8 | 3,7 | 0,65 | 1200 | 3530 | 0,82 | 47 | 100 | 4x1,5 | 1,7 |
| 4GX - 0,55 KW - 230 V - M | 0,75 | 0,55 | 230 | 6,8 | 7,4 | 3,7 | 0,65 | 1200 | 3530 | 0,82 | 47 | 25 | 4x1,5 | 1,7 |
| 4GX - 0,75 KW - 115 V - M | 1 | 0,75 | 115 | 15,8 | 17,8 | 4,8 | 0,68 | 1526 | 3540 | 0,84 | 50 | 140 | 4x1,5 | 1,7 |
| 4GX - 0,75 KW - 230 V - M | 1 | 0,75 | 230 | 7,9 | 8,9 | 4,8 | 0,68 | 1526 | 3540 | 0,84 | 50 | 35 | 4x1,5 | 1,7 |
| 4GX - 1,1 KW - 230 V - M | 1,5 | 1,1 | 230 | 11,8 | 12,7 | 4,2 | 0,7 | 2120 | 3525 | 0,85 | 53 | 40 | 4x1,5 | 1,7 |
| 4GX - 1,5 KW - 230 V - M | 2 | 1,5 | 230 | 11,1 | 12,8 | 5,4 | 0,65 | 2448 | 3495 | 0,94 | 61 | 50 | 4x1,5 | 1,7 |
| 4GX - 2,2 KW - 230 V - M | 3 | 2,2 | 230 | 15,3 | 17,1 | 3,6 | 0,5 | 3360 | 3460 | 0,95 | 66 | 50 | 4x1,5 | 1,7 |
| 4GX - 3,7 KW - 230 V - M | 5 | 3,7 | 230 | 23,4 | 25,9 | 3,5 | 0,5 | 5150 | 3545 | 0,9 | 71 | 75 | 4x2 | 2,7 |
| 4GX - 0,37 KW - 230 V - T | 0,5 | 0,37 | 230 | 3,2 | 3,8 | 5,0 | 3,2 | 870 | 3490 | 0,4 | 42 | - | 4x1,5 | 1,7 |
| 4GX - 0,37 KW - 380 V - T | 0,5 | 0,37 | 380 | 1,9 | 2,3 | 5,3 | 3,2 | 870 | 3490 | 0,4 | 42 | - | 4x1,5 | 1,7 |
| 4GX - 0,37 KW - 460 V - T | 0,5 | 0,37 | 460 | 1,6 | 1,9 | 5,0 | 3,2 | 870 | 3490 | 0,4 | 42 | - | 4x1,5 | 1,7 |
| 4GX - 0,55 KW - 230 V - T | 0,75 | 0,55 | 230 | 4,4 | 4,8 | 5,5 | 3,6 | 1140 | 3510 | 0,47 | 48 | - | 4x1,5 | 1,7 |
| 4GX - 0,55 KW - 380 V - T | 0,75 | 0,55 | 380 | 2,6 | 2,9 | 5,8 | 3,6 | 1140 | 3510 | 0,47 | 48 | - | 4x1,5 | 1,7 |
| 4GX - 0,55 KW - 460 V - T | 0,75 | 0,55 | 460 | 2,2 | 2,4 | 5,5 | 3,6 | 1140 | 3510 | 0,47 | 48 | - | 4x1,5 | 1,7 |
| 4GX - 0,75 KW - 230 V - T | 1 | 0,75 | 230 | 5,2 | 5,6 | 5,8 | 4,2 | 1260 | 3520 | 0,59 | 59 | - | 4x1,5 | 1,7 |
| 4GX - 0,75 KW - 380 V - T | 1 | 0,75 | 380 | 3,1 | 3,4 | 5,8 | 4,2 | 1260 | 3520 | 0,59 | 59 | - | 4x1,5 | 1,7 |
| 4GX - 0,75 KW - 460 V - T | 1 | 0,75 | 460 | 2,6 | 2,8 | 5,8 | 4,2 | 1260 | 3520 | 0,59 | 59 | - | 4x1,5 | 1,7 |
| 4GX - 1,1 KW - 230 V - T | 1,5 | 1,1 | 230 | 7,2 | 7,8 | 6,7 | 4,1 | 1875 | 3520 | 0,53 | 60 | - | 4x1,5 | 1,7 |
| 4GX - 1,1 KW - 380 V - T | 1,5 | 1,1 | 380 | 4,4 | 4,7 | 6,6 | 4,1 | 1875 | 3520 | 0,53 | 60 | - | 4x1,5 | 1,7 |
| 4GX - 1,1 KW - 460 V - T | 1,5 | 1,1 | 460 | 3,6 | 3,9 | 6,7 | 4,1 | 1875 | 3520 | 0,53 | 60 | - | 4x1,5 | 1,7 |
| 4GX - 1,5 KW - 230 V - T | 2 | 1,5 | 230 | 9,2 | 9,8 | 6,7 | 3,8 | 2230 | 3525 | 0,57 | 67 | - | 4x1,5 | 1,7 |

The Control Box for the single-phase version is available on request

4GX 4" SUBMERSIBLE MOTORS

| MODEL | P2 NOMINAL | | VOLTAGE (V) | SF | In (A) | In (SF) (A) | Is/In | Cs/Cn | P1 (W) | N (min ⁻¹) | Cos φ | η % | C (μF) | Ø (mm ²) | LC (m) |
|--------------------------|------------|-----|-------------|------|--------|-------------|-------|-------|--------|------------------------|-------|-----|--------|----------------------|--------|
| | hp | kW | | | | | | | | | | | | | |
| 4GX - 1,5 KW - 380 V - T | 2 | 1,5 | 380 | 1,25 | 5,6 | 5,9 | 6,8 | 3,8 | 2230 | 3525 | 0,57 | 67 | - | 4x1,5 | 1,7 |
| 4GX - 1,5 KW - 460 V - T | 2 | 1,5 | 460 | 1,25 | 4,6 | 4,9 | 6,7 | 3,8 | 2230 | 3525 | 0,57 | 67 | - | 4x1,5 | 1,7 |
| 4GX - 2,2 KW - 230 V - T | 3 | 2,2 | 230 | 1,15 | 11,2 | 12 | 7,1 | 4,8 | 3160 | 3510 | 0,69 | 71 | - | 4x1,5 | 1,7 |
| 4GX - 2,2 KW - 380 V - T | 3 | 2,2 | 380 | 1,15 | 6,7 | 7,2 | 7,2 | 4,8 | 3160 | 3510 | 0,69 | 71 | - | 4x1,5 | 1,7 |
| 4GX - 2,2 KW - 460 V - T | 3 | 2,2 | 460 | 1,15 | 5,6 | 6 | 7,1 | 4,8 | 3160 | 3510 | 0,69 | 71 | - | 4x1,5 | 1,7 |
| 4GX - 3,0 KW - 230 V - T | 4 | 3 | 230 | 1,15 | 16,5 | 17,3 | 6,7 | 3,6 | 3900 | 3500 | 0,66 | 78 | - | 4x1,5 | 2,7 |
| 4GX - 3,0 KW - 380 V - T | 4 | 3 | 380 | 1,15 | 9,0 | 9,5 | 7,3 | 3,6 | 3900 | 3500 | 0,66 | 78 | - | 4x1,5 | 2,7 |
| 4GX - 3,0 KW - 460 V - T | 4 | 3 | 460 | 1,15 | 7,2 | 7,6 | 7,6 | 3,6 | 3900 | 3500 | 0,68 | 79 | - | 4x1,5 | 2,7 |
| 4GX - 4,0 KW - 230 V - T | 5,5 | 4 | 230 | 1,15 | 17,8 | 19,2 | 7,4 | 4 | 5230 | 3520 | 0,7 | 77 | - | 4x2 | 2,7 |
| 4GX - 4,0 KW - 380 V - T | 5,5 | 4 | 380 | 1,15 | 10,7 | 11,6 | 7,5 | 4 | 5230 | 3520 | 0,7 | 77 | - | 4x1,5 | 2,7 |
| 4GX - 4,0 KW - 460 V - T | 5,5 | 4 | 460 | 1,15 | 8,9 | 9,6 | 7,4 | 4 | 5230 | 3520 | 0,7 | 77 | - | 4x1,5 | 2,7 |
| 4GX - 5,5 KW - 230 V - T | 7,5 | 5,5 | 230 | 1,15 | 24 | 26 | 7,5 | 3,8 | 7100 | 3520 | 0,71 | 78 | - | 4x2 | 2,7 |
| 4GX - 5,5 KW - 380 V - T | 7,5 | 5,5 | 380 | 1,15 | 14,5 | 15,7 | 7,5 | 3,8 | 7100 | 3520 | 0,71 | 78 | - | 4x1,5 | 2,7 |
| 4GX - 5,5 KW - 460 V - T | 7,5 | 5,5 | 460 | 1,15 | 12 | 13 | 7,5 | 3,8 | 7100 | 3520 | 0,71 | 78 | - | 4x1,5 | 2,7 |
| 4GX - 7,5 KW - 380 V - T | 10 | 7,5 | 380 | 1,15 | 18,6 | 20 | 7,2 | 3,9 | 9300 | 3500 | 0,78 | 80 | - | 4x2 | 3,5 |
| 4GX - 7,5 KW - 460 V - T | 10 | 7,5 | 460 | 1,15 | 15,4 | 16,6 | 7,1 | 3,9 | 9300 | 3500 | 0,78 | 80 | - | 4x2 | 3,5 |

DIMENSIONS AND WEIGHTS



| MODEL | PHASE | L (mm) | WEIGHT Kg | AXIAL THRUST N |
|-------------------|-------|--------|-----------|----------------|
| 4GX - 0,37 KW - M | 1 | 236 | 8,5 | 2000 |
| 4GX - 0,55 KW - M | 1 | 266 | 9,5 | 2000 |
| 4GX - 0,75 KW - M | 1 | 286 | 11,4 | 2000 |
| 4GX - 1,1 KW - M | 1 | 331 | 13,6 | 2000 |
| 4GX - 1,5 KW - M | 1 | 393 | 14,3 | 3000 |
| 4GX - 2,2 KW - M | 1 | 413 | 16 | 3000 |
| 4GX - 3,7 KW - M | 1 | 684 | 26,7 | 6000 |
| 4GX - 0,37 KW - T | 1 | 216 | 7,3 | 2000 |
| 4GX - 0,55 KW - T | 3 | 236 | 8,5 | 2000 |
| 4GX - 0,75 KW - T | 3 | 266 | 9,4 | 2000 |
| 4GX - 1,1 KW - T | 3 | 286 | 11,4 | 2000 |
| 4GX - 1,5 KW - T | 3 | 348 | 13,6 | 3000 |
| 4GX - 2,2 KW - T | 3 | 393 | 14,4 | 3000 |
| 4GX - 3,0 KW - T | 3 | 544 | 23 | 6000 |
| 4GX - 4,0 KW - T | 3 | 614 | 23 | 6000 |
| 4GX - 5,5 KW - T | 3 | 684 | 27 | 6000 |
| 4GX - 7,5 KW - T | 3 | 764 | 30,7 | 6000 |

4TW 4" SUBMERSIBLE MOTORS



The 4TW is a 4-inch single-phase submersible motor, designed for pressure boosting, gardening and irrigation, drawing water from subsoil in civil and commercial applications and for using water in irrigation systems also in agriculture.

Motor with the parts in contact with water made of AISI 304 stainless steel. Encapsulated and resin-filled stator. Cooled and lubricated with a mixture of water and glycol. Combined with the pump body, it is able to increase the water pressure, draw water from wells, tanks or reservoirs and to allow it to be used also for irrigating medium and large-sized vegetable gardens. **It has an integrated condenser which does away with the external control panel.**

Flanging NEMA 4"

Insulation class F

Protection class IP68

Cooling flow speed min. 0,3 m/s 35 °C

Power supply tolerance + 6 % / -10 %

Max. starts 20/h

Max operating depth 300 m

Possible type of installation

Vertical or horizontal

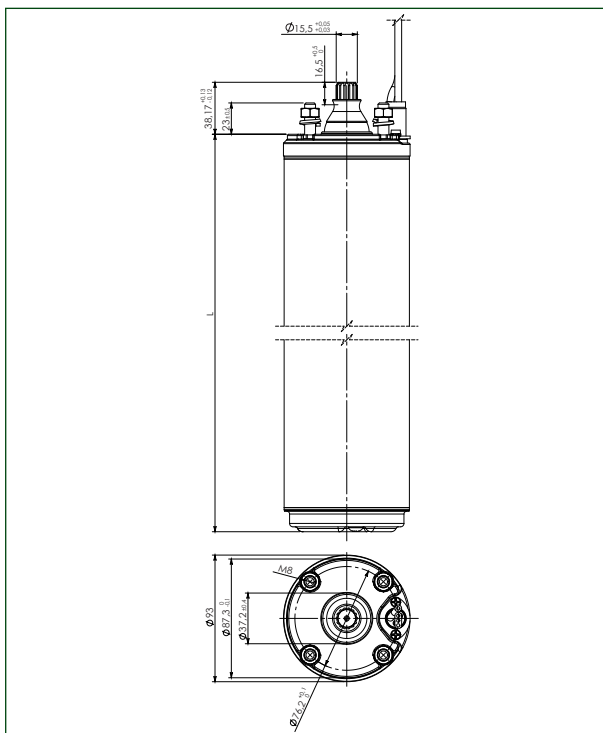
Horizontal operation 0,5 HP - 1,5 HP

On request cables of different lengths and different power input voltages

TECHNICAL DATA

| MODEL | P2 | | VOLTAGE 60 Hz | In (A) | In (SF) (A) | Is/In | Cs/Cn | P1 (W) | N (min ⁻¹) | Cos φ | η % | C (μF) | CABLE | |
|--------------------------------|------|------|------------------|-----------|----------------|-------|-------|-----------|---------------------------|-------|--------|-----------|----------------------|-----------|
| | (HP) | (KW) | | | | | | | | | | | Ø mm ² | LC (m) |
| MOTOR 4" TW - 0,5 HP M 115/60 | 0,5 | 0,37 | 115 | 8,6 | 10 | 4,2 | 0,65 | 800 | 3540 | 0,88 | 46 | 80 | 3x1,5 | 1,7 |
| MOTOR 4" TW - 0,5 HP M 230/60 | 0,5 | 0,37 | 230 | 3,9 | 5 | 4,6 | 0,65 | 800 | 3540 | 0,88 | 46 | 20 | 3x1,5 | 1,7 |
| MOTOR 4" TW - 0,75 HP M 230/60 | 0,75 | 0,55 | 230 | 6,3 | 6,9 | 4,3 | 0,65 | 1200 | 3450 | 0,82 | 47 | 25 | 3x1,5 | 1,7 |
| MOTOR 4" TW - 1 HP M 230/60 | 1 | 0,75 | 230 | 7,7 | 8,8 | 4,8 | 0,68 | 1500 | 3450 | 0,84 | 50 | 35 | 3x1,5 | 1,7 |
| MOTOR 4" TW - 1,5 HP M 230/60 | 1,5 | 1,1 | 230 | 10,6 | 12,1 | 4,7 | 0,70 | 2100 | 3450 | 0,85 | 53 | 40 | 3x1,5 | 1,7 |

DIMENSIONS AND WEIGHTS



| MODEL | PHASE | L (MM) | WEIGHT Kg | AXIAL THRUST N |
|--------------------------------|-------|-----------|--------------|----------------------|
| MOTOR 4" TW - 0,5 HP M 115/60 | 1 | 341 | 9,7 | 2000 |
| MOTOR 4" TW - 0,5 HP M 230/60 | 1 | 331 | 9,5 | 2000 |
| MOTOR 4" TW - 0,75 HP M 230/60 | 1 | 351 | 10,5 | 2000 |
| MOTOR 4" TW - 1 HP M 230/60 | 1 | 426 | 13,1 | 3000 |
| MOTOR 4" TW - 1,5 HP M 230/60 | 1 | 471 | 15,1 | 3000 |

40L 4" SUBMERSIBLE MOTORS



4" Asynchronous two-poles submersible motor, rewindable-type, made in AISI 304 stainless steel for parts in contact with water. Cooling and lubrication of the ball bearings is provided by a special FDA-approved liquid. Stator housed in an external shell in AISI 304L (rewindable-type) connected with stainless steel pins to the upper support of the motor. Removable cable connector to allow fast and easy maintenance. The cable is certified ACS, WRAS and KTW.

Motor suitable for use with variable frequency drive (30 Hz – 50 Hz). Mechanical seal in ceramic-carbon. Capacitor and manually resettable overload protection located in the electric panel that can be supplied separately for the single-phase version. Overload protection must be provided by user for the three-phase version. The motor can be equipped with a PT100 temperature sensor.

Flanging NEMA 4".

Insulation class F.

Protection class IP68.

Cooling flow speed min. 0,3 m/s 35 °C.

Power supply tolerance + 6 % / - 10 %.

Max. starts 20/h.

Max operating depth 250 m.

Horizontal operation 0,5 HP - 10 HP.

TECHNICAL DATA

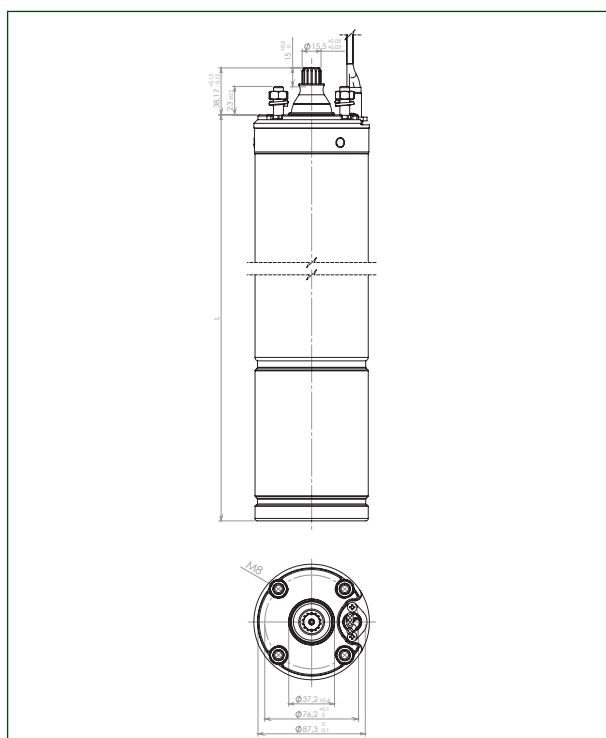
| MODEL | P2 NOMINAL | | VOLTAGE (V) | In (A) | In (SF) (A) | Is/In | Cs/Cn | P1 (W) | N (min ⁻¹) | Cos φ | η % | C (μF) | Ø (mm ²) | LC (m) |
|---------------------------|------------|------|-------------|--------|-------------|-------|-------|--------|------------------------|-------|-----|--------|----------------------|--------|
| | hp | kW | | | | | | | | | | | | |
| 40L - 0,37 KW - 115 V - M | 0,5 | 0,37 | 115 | 8 | 10 | 3,4 | 0,6 | 830 | 3450 | 0,90 | 45 | 65 | 4x1,5 | 1,7 |
| 40L - 0,37 KW - 230 V - M | 0,5 | 0,37 | 230 | 3,8 | 4,5 | 3,4 | 0,6 | 830 | 3450 | 0,90 | 45 | 16 | 4x1,5 | 1,7 |
| 40L - 0,37 KW - 254 V - M | 0,5 | 0,37 | 254 | 3,5 | 4,3 | 3,4 | 0,6 | 830 | 3450 | 0,90 | 45 | 16 | 4x1,5 | 1,7 |
| 40L - 0,55 KW - 115 V - M | 0,75 | 0,55 | 115 | 10 | 12,2 | 3,4 | 0,65 | 1100 | 3470 | 0,85 | 52 | 80 | 4x1,5 | 1,7 |
| 40L - 0,55 KW - 230 V - M | 0,75 | 0,55 | 230 | 5 | 6,1 | 3,4 | 0,65 | 1100 | 3470 | 0,85 | 52 | 20 | 4x1,5 | 1,7 |
| 40L - 0,55 KW - 254 V - M | 0,75 | 0,55 | 254 | 5,3 | 6,1 | 3,4 | 0,65 | 1100 | 3470 | 0,85 | 52 | 20 | 4x1,5 | 1,7 |
| 40L - 0,75 KW - 115 V - M | 1 | 0,75 | 115 | 14 | 16 | 3,9 | 0,62 | 1350 | 3450 | 0,84 | 54 | 100 | 4x1,5 | 1,7 |
| 40L - 0,75 KW - 230 V - M | 1 | 0,75 | 230 | 7 | 8,1 | 3,9 | 0,62 | 1350 | 3450 | 0,84 | 54 | 25 | 4x1,5 | 1,7 |
| 40L - 0,75 KW - 254 V - M | 1 | 0,75 | 254 | 6,7 | 7,7 | 3,9 | 0,62 | 1350 | 3450 | 0,84 | 54 | 25 | 4x1,5 | 1,7 |
| 40L - 1,1 KW - 230 V - M | 1,5 | 1,1 | 230 | 8,9 | 10,4 | 4,0 | 0,6 | 1850 | 3440 | 0,88 | 59 | 35 | 4x1,5 | 1,7 |
| 40L - 1,1 KW - 254 V - M | 1,5 | 1,1 | 254 | 8,2 | 9,5 | 4,0 | 0,6 | 1850 | 3440 | 0,89 | 59 | 35 | 4x1,5 | 1,7 |
| 40L - 1,5 KW - 230 V - M | 2 | 1,5 | 230 | 11,3 | 13 | 4,0 | 0,6 | 2300 | 3430 | 0,90 | 66 | 40 | 4x1,5 | 1,7 |
| 40L - 1,5 KW - 254 V - M | 2 | 1,5 | 254 | 9,8 | 11,4 | 4,0 | 0,6 | 2300 | 3430 | 0,90 | 66 | 40 | 4x1,5 | 1,7 |
| 40L - 2,2 KW - 230 V - M | 3 | 2,2 | 230 | 14,8 | 16,5 | 3,8 | 0,6 | 3300 | 3440 | 0,90 | 68 | 50 | 4x1,5 | 1,7 |
| 40L - 2,2 KW - 254 V - M | 3 | 2,2 | 254 | 14,4 | 16 | 3,8 | 0,6 | 3300 | 3440 | 0,90 | 68 | 50 | 4x1,5 | 1,7 |
| 40L - 3,7 KW - 230 V - M | 5 | 3,7 | 230 | 23,7 | 26,7 | 3,5 | 0,5 | 5100 | 3480 | 0,94 | 72 | 75 | 4x2 | 2,7 |
| 40L - 0,37 KW - 230 V - T | 0,5 | 0,37 | 230 | 3,1 | 3,4 | 5,2 | 4,8 | 720 | 3450 | 0,69 | 51 | - | 4x1,5 | 1,7 |
| 40L - 0,37 KW - 380 V - T | 0,5 | 0,37 | 380 | 1,8 | 2 | 5,2 | 4,8 | 720 | 3450 | 0,69 | 51 | - | 4x1,5 | 1,7 |
| 40L - 0,37 KW - 460 V - T | 0,5 | 0,37 | 460 | 1,5 | 1,7 | 5,2 | 4,8 | 720 | 3450 | 0,69 | 51 | - | 4x1,5 | 1,7 |
| 40L - 0,55 KW - 230 V - T | 0,75 | 0,55 | 230 | 4,3 | 5 | 4,4 | 4,8 | 900 | 3450 | 0,53 | 60 | - | 4x1,5 | 1,7 |
| 40L - 0,55 KW - 380 V - T | 0,75 | 0,55 | 380 | 2,5 | 2,9 | 4,4 | 4,8 | 900 | 3450 | 0,53 | 60 | - | 4x1,5 | 1,7 |
| 40L - 0,55 KW - 460 V - T | 0,75 | 0,55 | 460 | 2 | 2,4 | 4,4 | 4,8 | 900 | 3450 | 0,53 | 60 | - | 4x1,5 | 1,7 |
| 40L - 0,75 KW - 230 V - T | 1 | 0,75 | 230 | 6,2 | 6,6 | 4,7 | 4,8 | 1320 | 3450 | 0,57 | 56 | - | 4x1,5 | 1,7 |
| 40L - 0,75 KW - 380 V - T | 1 | 0,75 | 380 | 3,6 | 3,8 | 4,7 | 4,8 | 1320 | 3450 | 0,57 | 56 | - | 4x1,5 | 1,7 |
| 40L - 0,75 KW - 460 V - T | 1 | 0,75 | 460 | 2,8 | 3 | 4,7 | 4,8 | 1320 | 3450 | 0,57 | 56 | - | 4x1,5 | 1,7 |
| 40L - 1,1 KW - 230 V - T | 1,5 | 1,1 | 230 | 6,9 | 7,6 | 5,8 | 5,8 | 1600 | 3450 | 0,57 | 70 | - | 4x1,5 | 1,7 |
| 40L - 1,1 KW - 380 V - T | 1,5 | 1,1 | 380 | 4 | 4,4 | 5,8 | 5,8 | 1600 | 3450 | 0,57 | 70 | - | 4x1,5 | 1,7 |

The Control Box for the single-phase version is available on request

40L 4" SUBMERSIBLE MOTORS

| MODEL | P2 NOMINAL | | VOLTAGE (V) | In (A) | In (SF) (A) | Is/In | Cs/Cn | P1 (W) | N (min ⁻¹) | Cos φ | η % | C (μF) | Ø (mm²) | LC (m) |
|--------------------------|------------|-----|-------------|--------|-------------|-------|-------|--------|------------------------|-------|-----|--------|---------|--------|
| | hp | kW | | | | | | | | | | | | |
| 40L - 1,1 KW - 460 V - T | 1,5 | 1,1 | 460 | 3,6 | 4 | 5,8 | 5,8 | 1600 | 3450 | 0,57 | 70 | - | 4x1,5 | 1,7 |
| 40L - 1,5 KW - 230 V - T | 2 | 1,5 | 230 | 8,2 | 9 | 5,9 | 5,2 | 2150 | 3450 | 0,66 | 69 | - | 4x1,5 | 1,7 |
| 40L - 1,5 KW - 380 V - T | 2 | 1,5 | 380 | 4,9 | 5,3 | 5,9 | 5,2 | 2150 | 3450 | 0,66 | 69 | - | 4x1,5 | 1,7 |
| 40L - 1,5 KW - 460 V - T | 2 | 1,5 | 460 | 4,5 | 5 | 5,9 | 5,2 | 2150 | 3450 | 0,66 | 69 | - | 4x1,5 | 1,7 |
| 40L - 2,2 KW - 230 V - T | 3 | 2,2 | 230 | 11,3 | 12,1 | 5,5 | 5 | 3050 | 3420 | 0,72 | 77 | - | 4x1,5 | 1,7 |
| 40L - 2,2 KW - 380 V - T | 3 | 2,2 | 380 | 6,4 | 6,9 | 5,5 | 5 | 3050 | 3420 | 0,72 | 77 | - | 4x1,5 | 1,7 |
| 40L - 2,2 KW - 460 V - T | 3 | 2,2 | 460 | 5,6 | 6 | 5,5 | 5 | 3050 | 3420 | 0,72 | 77 | - | 4x1,5 | 1,7 |
| 40L - 3,0 KW - 230 V - T | 4 | 3 | 230 | 13,2 | 14,4 | 6,2 | 3,6 | 3850 | 3520 | 0,73 | 78 | - | 4x15 | 2,7 |
| 40L - 3,0 KW - 380 V - T | 4 | 3 | 380 | 7,6 | 8,3 | 6,6 | 3,6 | 3850 | 3520 | 0,77 | 78 | - | 4x1,5 | 2,7 |
| 40L - 3,0 KW - 460 V - T | 4 | 3 | 460 | 6,8 | 7,2 | 6,2 | 3,6 | 3850 | 3520 | 0,71 | 78 | - | 4x1,5 | 2,7 |
| 40L - 4,0 KW - 230 V - T | 5,5 | 4 | 230 | 17,3 | 18,7 | 7,5 | 4 | 5500 | 3520 | 0,82 | 78 | - | 4x2 | 2,7 |
| 40L - 4,0 KW - 380 V - T | 5,5 | 4 | 380 | 9,8 | 10,8 | 7,5 | 4 | 5500 | 3500 | 0,82 | 78 | - | 4x2 | 2,7 |
| 40L - 4,0 KW - 460 V - T | 5,5 | 4 | 460 | 8 | 9 | 7,5 | 4 | 5500 | 3520 | 0,82 | 78 | - | 4x1,5 | 2,7 |
| 40L - 5,5 KW - 230 V - T | 7,5 | 5,5 | 230 | 23 | 25 | 7,5 | 3,8 | 6800 | 3520 | 0,75 | 81 | - | 4x2 | 2,7 |
| 40L - 5,5 KW - 380 V - T | 7,5 | 5,5 | 380 | 13 | 14,4 | 7,5 | 3,8 | 6800 | 3520 | 0,75 | 81 | - | 4x2 | 2,7 |
| 40L - 5,5 KW - 460 V - T | 7,5 | 5,5 | 460 | 11,4 | 12,5 | 7,5 | 3,8 | 6800 | 3520 | 0,75 | 81 | - | 4x1,5 | 2,7 |
| 40L - 7,5 KW - 380 V - T | 10 | 7,5 | 380 | 18,3 | 20 | 7,1 | 3,9 | 9300 | 3500 | 0,8 | 82 | - | 4x2 | 3,5 |
| 40L - 7,5 KW - 460 V - T | 10 | 7,5 | 460 | 15,1 | 16,6 | 7,1 | 3,9 | 9300 | 3500 | 0,8 | 82 | - | 4x2 | 3,5 |

DIMENSIONS AND WEIGHTS



| MODEL | PHASE | L (mm) | WEIGHT Kg | AXIAL THRUST N |
|-------------------|-------|--------|-----------|----------------|
| 40L - 0,37 KW - M | 1 | 284 | 6,5 | 2000 |
| 40L - 0,55 KW - M | 1 | 304 | 7,4 | 2000 |
| 40L - 0,75 KW - M | 1 | 334 | 8,7 | 2000 |
| 40L - 1,1 KW - M | 1 | 354 | 9,7 | 2000 |
| 40L - 1,5 KW - M | 1 | 400 | 11,7 | 2000 |
| 40L - 2,2 KW - M | 1 | 478 | 14,5 | 3000/4000 |
| 40L - 3,7 KW - M | 1 | 518 | 15,7 | 3000/4000 |
| 40L - 0,37 KW - T | 3 | 284 | 6,5 | 2000 |
| 40L - 0,55 KW - T | 3 | 284 | 6,5 | 2000 |
| 40L - 0,75 KW - T | 3 | 304 | 7,4 | 2000 |
| 40L - 1,1 KW - T | 3 | 334 | 8,7 | 2000 |
| 40L - 1,5 KW - T | 3 | 354 | 9,7 | 2000 |
| 40L - 2,2 KW - T | 3 | 458 | 13,4 | 3000/4000 |
| 40L - 3,0 KW - T | 3 | 518 | 15,9 | 4000 |
| 40L - 4,0 KW - T | 3 | 588 | 17,1 | 4000 |
| 40L - 5,5 KW - T | 3 | 658 | 23,9 | 5000 |
| 40L - 7,5 KW - T | 3 | 738 | 27,9 | 5000 |

SS66

6" SUBMERSIBLE PUMPS



Multistage **semiaxial** submersible electric pumps for wells measuring 6" or above, able to generate a broad range of flow rates. These units are used extensively for lifting, distribution, and pressurisation in civil and industrial water systems, filling of booster pumps and tanks, fire-fighting systems and washing of irrigation systems. Application with clean, non-aggressive water free from solids or abrasive substances.

Construction features of the pump

Pump body and impellers in pressed AISI 304 stainless steel.

Pump with check valve of low pressure loss.

For operation with inverter see the specifications of the coupled motor.

On request

- **Pump body:** in pressed AISI 316 stainless steel for use in aggressive water.
- **Impellers:** in pressed AISI 316 stainless steel for use in aggressive water.

Performance range

flow up to 75 m³/h and max head of 670 m

Max. quantity of sand/silt 50g/m³

Max. ambient temperature

30°C (50°C available on request)

Outlet connection diameter (inside threaded)

SS6 A / SS6 B : 2 ½"

SS6 C : 3"

SS6 D – SS6 E : 4"

Coupling with motors of 4", 6" or 8" depending on the required hydraulic power, and available in standard or stainless steel version:

4GG: encapsulated 4" submersible motor.

40L: 4" submersible motor in oil bath.

6GF: encapsulated 6" submersible motor.

TR6: rewindable 6" submersible motor.

TR8: rewindable 8" submersible motor.

TECHNICAL DATA - SS66A

| MODEL | NUMBER OF STAGE | P2 NOMINAL | | In 460 V (A) | Q (m ³ /h) (l/sec) | H (m) | | | | | | | | | | |
|-------------------------|-----------------|------------|-----|--------------|----------------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|----|--|
| | | kW | HP | | | 0 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 21 | |
| SS66A 05 + 6GF - 4 kW | 5 | 4 | 5,5 | 9,5 | 67 | 67 | 66 | 65 | 62 | 58 | 54 | 48 | 41 | 29 | | |
| SS66A 06 + 6GF - 4 kW | 6 | 4 | 5,5 | 9,5 | 81 | 81 | 80 | 77 | 74 | 70 | 65 | 58 | 50 | 35 | | |
| SS66A 07 + 6GF - 4 kW | 7 | 4 | 5,5 | 9,5 | 94 | 94 | 93 | 90 | 87 | 82 | 75 | 67 | 58 | 41 | | |
| SS66A 08 + 6GF - 5,5 kW | 8 | 5,5 | 7,5 | 13,3 | 107 | 108 | 106 | 103 | 99 | 93 | 86 | 77 | 66 | 47 | | |
| SS66A 09 + 6GF - 5,5 kW | 9 | 5,5 | 7,5 | 13,3 | 121 | 121 | 119 | 116 | 112 | 105 | 97 | 87 | 75 | 53 | | |
| SS66A 10 + 6GF - 5,5 kW | 10 | 5,5 | 7,5 | 13,3 | 134 | 134 | 133 | 129 | 124 | 117 | 108 | 96 | 83 | 59 | | |
| SS66A 11 + 6GF - 7,5 kW | 11 | 7,5 | 10 | 16,5 | 148 | 148 | 146 | 142 | 136 | 128 | 118 | 106 | 91 | 65 | | |
| SS66A 12 + 6GF - 7,5 kW | 12 | 7,5 | 10 | 16,5 | 161 | 161 | 159 | 155 | 149 | 140 | 129 | 115 | 99 | 71 | | |
| SS66A 13 + 6GF - 7,5 kW | 13 | 7,5 | 10 | 16,5 | 175 | 175 | 172 | 168 | 161 | 152 | 140 | 125 | 108 | 77 | | |
| SS66A 14 + 6GF - 11 kW | 14 | 11 | 15 | 23,3 | 188 | 188 | 186 | 181 | 173 | 163 | 151 | 135 | 116 | 82 | | |
| SS66A 15 + 6GF - 11 kW | 15 | 11 | 15 | 23,3 | 201 | 202 | 199 | 194 | 186 | 175 | 161 | 144 | 124 | 88 | | |
| SS66A 16 + 6GF - 11 kW | 16 | 11 | 15 | 23,3 | 215 | 215 | 212 | 207 | 198 | 187 | 172 | 154 | 133 | 94 | | |
| SS66A 17 + 6GF - 11 kW | 17 | 11 | 15 | 23,3 | 228 | 228 | 225 | 220 | 211 | 198 | 183 | 164 | 141 | 100 | | |
| SS66A 18 + 6GF - 11 kW | 18 | 11 | 15 | 23,3 | 242 | 242 | 239 | 232 | 223 | 210 | 194 | 173 | 149 | 106 | | |
| SS66A 19 + 6GF - 11 kW | 19 | 11 | 15 | 23,3 | 255 | 255 | 252 | 245 | 235 | 222 | 204 | 183 | 157 | 112 | | |
| SS66A 20 + 6GF - 11 kW | 20 | 11 | 15 | 23,3 | 269 | 269 | 265 | 258 | 248 | 234 | 215 | 192 | 166 | 118 | | |
| SS66A 21 + 6GF - 15 kW | 21 | 15 | 20 | 30,8 | 282 | 282 | 278 | 271 | 260 | 245 | 226 | 202 | 174 | 124 | | |
| SS66A 22 + 6GF - 15 kW | 22 | 15 | 20 | 30,8 | 295 | 296 | 292 | 284 | 273 | 257 | 237 | 212 | 182 | 129 | | |

TECHNICAL DATA - SS66A

| MODEL | NUMBER OF STAGE | In 460 V (A) | P2 NOMINAL | | Q (m³/h) (l/min) | H (m) | | | | | | | | | | | | | |
|----------------------------|-----------------|--------------|------------|----|---------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|--|--|--|
| | | | kW | HP | | 0 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 21 | | | | |
| | | | | | | 0 | 1,1 | 1,7 | 2,2 | 2,8 | 3,3 | 3,9 | 4,4 | 5,0 | 5,8 | | | | |
| SS66A 23 + 6GF - 15 kW | 23 | 30,8 | 15 | 20 | 309 | 309 | 305 | 297 | 285 | 269 | 247 | 221 | 190 | 135 | | | | | |
| SS66A 24 + 6GF - 15 kW | 24 | 30,8 | 15 | 20 | 322 | 323 | 318 | 310 | 297 | 280 | 258 | 231 | 199 | 141 | | | | | |
| SS66A 25 + 6GF - 15 kW | 25 | 30,8 | 15 | 20 | 336 | 336 | 331 | 323 | 310 | 292 | 269 | 241 | 207 | 147 | | | | | |
| SS66A 26 + 6GF - 15 kW | 26 | 30,8 | 15 | 20 | 349 | 349 | 345 | 336 | 322 | 304 | 280 | 250 | 215 | 153 | | | | | |
| SS66A 27 + 6GF - 15 kW | 27 | 30,8 | 15 | 20 | 363 | 363 | 358 | 349 | 335 | 315 | 290 | 260 | 224 | 159 | | | | | |
| SS66A 28 + 6GF - 18,5 kW | 28 | 40 | 18,5 | 25 | 376 | 376 | 371 | 362 | 347 | 327 | 301 | 269 | 232 | 165 | | | | | |
| SS66A 29 + 6GF - 18,5 kW | 29 | 40 | 18,5 | 25 | 389 | 390 | 384 | 374 | 359 | 339 | 312 | 279 | 240 | 171 | | | | | |
| SS66A 30 + 6GF - 18,5 kW * | 30 | 40 | 18,5 | 25 | 403 | 403 | 398 | 387 | 372 | 350 | 323 | 289 | 248 | 177 | | | | | |
| SS66A 31 + 6GF - 18,5 kW * | 31 | 40 | 18,5 | 25 | 416 | 417 | 411 | 400 | 384 | 362 | 333 | 298 | 257 | 182 | | | | | |
| SS66A 32 + 6GF - 18,5 kW * | 32 | 40 | 18,5 | 25 | 430 | 430 | 424 | 413 | 397 | 374 | 344 | 308 | 265 | 188 | | | | | |
| SS66A 33 + 6GF - 18,5 kW * | 33 | 40 | 18,5 | 25 | 443 | 443 | 437 | 426 | 409 | 385 | 355 | 318 | 273 | 194 | | | | | |
| SS66A 34 + 6GF - 18,5 kW * | 34 | 40 | 18,5 | 25 | 457 | 457 | 451 | 439 | 421 | 397 | 366 | 327 | 282 | 200 | | | | | |
| SS66A 35 + 6GF - 22 kW * | 35 | 49,8 | 22 | 30 | 470 | 470 | 464 | 452 | 434 | 409 | 376 | 337 | 290 | 206 | | | | | |
| SS66A 36 + 6GF - 22 kW * | 36 | 49,8 | 22 | 30 | 484 | 484 | 477 | 465 | 446 | 420 | 387 | 346 | 298 | 212 | | | | | |
| SS66A 37 + 6GF - 22 kW * | 37 | 49,8 | 22 | 30 | 497 | 497 | 490 | 478 | 458 | 432 | 398 | 356 | 306 | 218 | | | | | |
| SS66A 38 + 6GF - 22 kW * | 38 | 49,8 | 22 | 30 | 510 | 511 | 504 | 491 | 471 | 444 | 409 | 366 | 315 | 224 | | | | | |
| SS66A 39 + 6GF - 22 kW * | 39 | 49,8 | 22 | 30 | 524 | 524 | 517 | 504 | 483 | 455 | 419 | 375 | 323 | 230 | | | | | |
| SS66A 40 + 6GF - 22 kW * | 40 | 49,8 | 22 | 30 | 537 | 538 | 530 | 517 | 496 | 467 | 430 | 385 | 331 | 235 | | | | | |
| SS66A 41 + 6GF - 22 kW * | 41 | 49,8 | 22 | 30 | 551 | 551 | 543 | 529 | 508 | 479 | 441 | 395 | 340 | 241 | | | | | |
| SS66A 42 + 6GF - 30 kW * | 42 | 62 | 30 | 40 | 564 | 564 | 557 | 542 | 520 | 490 | 452 | 404 | 348 | 247 | | | | | |
| SS66A 43 + 6GF - 30 kW * | 43 | 62 | 30 | 40 | 578 | 578 | 570 | 555 | 533 | 502 | 462 | 414 | 356 | 253 | | | | | |
| SS66A 44 + 6GF - 30 kW * | 44 | 62 | 30 | 40 | 591 | 591 | 583 | 568 | 545 | 514 | 473 | 423 | 364 | 259 | | | | | |
| SS66A 45 + 6GF - 30 kW * | 45 | 62 | 30 | 40 | 604 | 605 | 596 | 581 | 558 | 525 | 484 | 433 | 373 | 265 | | | | | |
| SS66A 46 + 6GF - 30 kW * | 46 | 62 | 30 | 40 | 618 | 618 | 610 | 594 | 570 | 537 | 495 | 443 | 381 | 271 | | | | | |
| SS66A 47 + 6GF - 30 kW * | 47 | 62 | 30 | 40 | 631 | 632 | 623 | 607 | 582 | 549 | 505 | 452 | 389 | 277 | | | | | |
| SS66A 48 + 6GF - 30 kW * | 48 | 62 | 30 | 40 | 645 | 645 | 636 | 620 | 595 | 560 | 516 | 462 | 398 | 282 | | | | | |
| SS66A 49 + 6GF - 30 kW * | 49 | 62 | 30 | 40 | 658 | 658 | 650 | 633 | 607 | 572 | 527 | 472 | 406 | 288 | | | | | |
| SS66A 50 + 6GF - 30 kW * | 50 | 62 | 30 | 40 | 672 | 672 | 663 | 646 | 620 | 584 | 538 | 481 | 414 | 294 | | | | | |
| SS66A 51 + 6GF - 30 kW * | 51 | 62 | 30 | 40 | 685 | 685 | 676 | 659 | 632 | 595 | 548 | 491 | 422 | 300 | | | | | |
| SS66A 52 + 6GF - 30 kW * | 52 | 62 | 30 | 40 | 698 | 699 | 689 | 671 | 644 | 607 | 559 | 500 | 431 | 306 | | | | | |
| SS66A 53 + 6GF - 30 kW * | 53 | 62 | 30 | 40 | 712 | 712 | 703 | 684 | 657 | 619 | 570 | 510 | 439 | 312 | | | | | |
| SS66A 54 + 6GF - 30 kW * | 54 | 62 | 30 | 40 | 725 | 726 | 716 | 697 | 669 | 630 | 581 | 520 | 447 | 318 | | | | | |
| SS66A 55 + 6GF - 30 kW * | 55 | 62 | 30 | 40 | 739 | 739 | 729 | 710 | 682 | 642 | 592 | 529 | 455 | 324 | | | | | |

* Sleeve pump

TECHNICAL DATA - SS66B

| MODEL | NUMBER OF STAGE | In 460 V (A) | P2 NOMINAL | | Q (m³/h) (l/min) | H (m) | | | | | | | | | |
|--------------------------|-----------------|--------------|------------|------|---------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | | | kW | HP | | 0 | 9 | 11 | 13 | 15 | 17 | 19 | 21 | 23 | 25 |
| | | | | | | 0 | 2,5 | 3,1 | 3,6 | 4,2 | 4,7 | 5,3 | 5,8 | 6,4 | 6,9 |
| SS66B 04 + 6GF - 4 kW | 4 | 9,5 | 4 | 5,5 | 65 | 63 | 61 | 59 | 57 | 53 | 49 | 45 | 40 | 34 | |
| SS66B 05 + 6GF - 5,5 kW | 5 | 13,3 | 5,5 | 7,5 | 81 | 79 | 77 | 74 | 71 | 67 | 62 | 56 | 50 | 43 | |
| SS66B 06 + 6GF - 5,5 kW | 6 | 13,3 | 5,5 | 7,5 | 98 | 94 | 92 | 89 | 85 | 80 | 74 | 67 | 60 | 52 | |
| SS66B 07 + 6GF - 7,5 kW | 7 | 16,5 | 7,5 | 10 | 114 | 110 | 107 | 104 | 99 | 93 | 86 | 79 | 70 | 60 | |
| SS66B 08 + 6GF - 7,5 kW | 8 | 16,5 | 7,5 | 10 | 130 | 126 | 123 | 118 | 113 | 107 | 99 | 90 | 80 | 69 | |
| SS66B 09 + 6GF - 7,5 kW | 9 | 16,5 | 7,5 | 10 | 146 | 141 | 138 | 133 | 127 | 120 | 111 | 101 | 90 | 78 | |
| SS66B 10 + 6GF - 9,2 kW | 10 | 20,6 | 9,2 | 12,5 | 163 | 157 | 153 | 148 | 141 | 133 | 124 | 112 | 100 | 86 | |
| SS66B 11 + 6GF - 9,2 kW | 11 | 20,6 | 9,2 | 12,5 | 179 | 173 | 169 | 163 | 156 | 147 | 136 | 124 | 110 | 95 | |
| SS66B 12 + 6GF - 11 kW | 12 | 23,3 | 11 | 15 | 195 | 188 | 184 | 178 | 170 | 160 | 148 | 135 | 120 | 103 | |
| SS66B 13 + 6GF - 11 kW | 13 | 23,3 | 11 | 15 | 211 | 204 | 199 | 193 | 184 | 173 | 161 | 146 | 130 | 112 | |
| SS66B 14 + 6GF - 15 kW | 14 | 30,8 | 15 | 20 | 228 | 220 | 215 | 207 | 198 | 187 | 173 | 157 | 140 | 121 | |
| SS66B 15 + 6GF - 15 kW | 15 | 30,8 | 15 | 20 | 244 | 236 | 230 | 222 | 212 | 200 | 185 | 169 | 150 | 129 | |
| SS66B 16 + 6GF - 15 kW | 16 | 30,8 | 15 | 20 | 260 | 251 | 245 | 237 | 226 | 213 | 198 | 180 | 160 | 138 | |
| SS66B 17 + 6GF - 15 kW | 17 | 30,8 | 15 | 20 | 276 | 267 | 261 | 252 | 241 | 227 | 210 | 191 | 170 | 146 | |
| SS66B 18 + 6GF - 15 kW | 18 | 30,8 | 15 | 20 | 293 | 283 | 276 | 267 | 255 | 240 | 222 | 202 | 180 | 155 | |
| SS66B 19 + 6GF - 18,5 kW | 19 | 40 | 18,5 | 25 | 309 | 298 | 291 | 281 | 269 | 253 | 235 | 213 | 190 | 164 | |
| SS66B 20 + 6GF - 18,5 kW | 20 | 40 | 18,5 | 25 | 325 | 314 | 307 | 296 | 283 | 267 | 247 | 225 | 200 | 172 | |
| SS66B 21 + 6GF - 18,5 kW | 21 | 40 | 18,5 | 25 | 341 | 330 | 322 | 311 | 297 | 280 | 259 | 236 | 210 | 181 | |
| SS66B 22 + 6GF - 18,5 kW | 22 | 40 | 18,5 | 25 | 358 | 345 | 337 | 326 | 311 | 293 | 272 | 247 | 220 | 189 | |
| SS66B 23 + 6GF - 22 kW | 23 | 49,8 | 22 | 30 | 374 | 361 | 352 | 341 | 325 | 307 | 284 | 258 | 230 | 198 | |
| SS66B 24 + 6GF - 22 kW | 24 | 49,8 | 22 | 30 | 390 | 377 | 368 | 355 | 340 | 320 | 297 | 270 | 240 | 207 | |
| SS66B 25 + 6GF - 22 kW | 25 | 49,8 | 22 | 30 | 406 | 393 | 383 | 370 | 354 | 333 | 309 | 281 | 250 | 215 | |
| SS66B 26 + 6GF - 22 kW | 26 | 49,8 | 22 | 30 | 423 | 408 | 398 | 385 | 368 | 347 | 321 | 292 | 260 | 224 | |
| SS66B 27 + 6GF - 30 kW | 27 | 62 | 30 | 40 | 439 | 424 | 414 | 400 | 382 | 360 | 334 | 303 | 270 | 233 | |
| SS66B 28 + 6GF - 30 kW | 28 | 62 | 30 | 40 | 455 | 440 | 429 | 415 | 396 | 373 | 346 | 315 | 280 | 241 | |
| SS66B 29 + 6GF - 30 kW | 29 | 62 | 30 | 40 | 471 | 455 | 444 | 430 | 410 | 387 | 358 | 326 | 289 | 250 | |
| SS66B 30 + 6GF - 30 kW * | 30 | 62 | 30 | 40 | 488 | 471 | 460 | 444 | 424 | 400 | 371 | 337 | 299 | 258 | |
| SS66B 31 + 6GF - 30 kW * | 31 | 62 | 30 | 40 | 504 | 487 | 475 | 459 | 439 | 413 | 383 | 348 | 309 | 267 | |
| SS66B 32 + 6GF - 30 kW * | 32 | 62 | 30 | 40 | 520 | 502 | 490 | 474 | 453 | 427 | 395 | 360 | 319 | 276 | |
| SS66B 33 + 6GF - 30 kW * | 33 | 62 | 30 | 40 | 536 | 518 | 506 | 489 | 467 | 440 | 408 | 371 | 329 | 284 | |
| SS66B 34 + 6GF - 30 kW * | 34 | 62 | 30 | 40 | 553 | 534 | 521 | 504 | 481 | 453 | 420 | 382 | 339 | 293 | |
| SS66B 35 + 6GF - 30 kW * | 35 | 62 | 30 | 40 | 569 | 550 | 536 | 518 | 495 | 467 | 432 | 393 | 349 | 301 | |
| SS66B 36 + 6GF - 30 kW * | 36 | 62 | 30 | 40 | 585 | 565 | 552 | 533 | 509 | 480 | 445 | 405 | 359 | 310 | |
| SS66B 37 + 6GF - 37 kW * | 37 | 77 | 37 | 50 | 601 | 581 | 567 | 548 | 523 | 493 | 457 | 416 | 369 | 319 | |
| SS66B 38 + 6GF - 37 kW * | 38 | 77 | 37 | 50 | 618 | 597 | 582 | 563 | 538 | 506 | 470 | 427 | 379 | 327 | |
| SS66B 39 + 6GF - 37 kW * | 39 | 77 | 37 | 50 | 634 | 612 | 598 | 578 | 552 | 520 | 482 | 438 | 389 | 336 | |
| SS66B 40 + 6GF - 37 kW * | 40 | 77 | 37 | 50 | 650 | 628 | 613 | 592 | 566 | 533 | 494 | 449 | 399 | 345 | |
| SS66B 41 + 6GF - 37 kW * | 41 | 77 | 37 | 50 | 666 | 644 | 628 | 607 | 580 | 546 | 507 | 461 | 409 | 353 | |
| SS66B 42 + 6GF - 37 kW * | 42 | 77 | 37 | 50 | 683 | 659 | 644 | 622 | 594 | 560 | 519 | 472 | 419 | 362 | |
| SS66B 43 + TR860 45kW * | 43 | 88 | 45 | 60 | 699 | 675 | 659 | 637 | 608 | 573 | 531 | 483 | 429 | 370 | |
| SS66B 44 + TR860 45kW * | 44 | 88 | 45 | 60 | 715 | 691 | 674 | 652 | 622 | 586 | 544 | 494 | 439 | 379 | |
| SS66B 45 + TR860 45kW * | 45 | 88 | 45 | 60 | 731 | 707 | 690 | 667 | 637 | 600 | 556 | 506 | 449 | 388 | |
| SS66B 46 + TR860 45kW * | 46 | 88 | 45 | 60 | 748 | 722 | 705 | 681 | 651 | 613 | 568 | 517 | 459 | 396 | |
| SS66B 47 + TR860 45kW * | 47 | 88 | 45 | 60 | 764 | 738 | 720 | 696 | 665 | 626 | 581 | 528 | 469 | 405 | |
| SS66B 48 + TR860 45kW * | 48 | 88 | 45 | 60 | 780 | 754 | 736 | 711 | 679 | 640 | 593 | 539 | 479 | 413 | |
| SS66B 49 + TR860 45kW * | 49 | 88 | 45 | 60 | 796 | 769 | 751 | 726 | 693 | 653 | 605 | 551 | 489 | 422 | |
| SS66B 50 + TR860 45kW * | 50 | 88 | 45 | 60 | 813 | 785 | 766 | 741 | 707 | 666 | 618 | 562 | 499 | 431 | |

* Sleeve pump

TECHNICAL DATA - SS66C

| MODEL | NUMBER OF STAGE | In 460 V (A) | P2 NOMINAL | | Q (m³/h) (l/min) | H (m) | | | | | | | | | | | | | |
|--------------------------|-----------------|--------------|------------|------|---------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|----|--|--|--|--|
| | | | kW | HP | | 0 | 6 | 10 | 14 | 18 | 22 | 26 | 30 | 34 | 38 | | | | |
| SS66C 03 + 6GF - 4 kW | 3 | 9,5 | 4 | 5,5 | 51 | 50 | 49 | 47 | 45 | 43 | 41 | 38 | 34 | 30 | | | | | |
| SS66C 04 + 6GF - 5,5 kW | 4 | 13,3 | 5,5 | 7,5 | 67 | 66 | 65 | 63 | 60 | 58 | 54 | 50 | 46 | 40 | | | | | |
| SS66C 05 + 6GF - 7,5 kW | 5 | 16,5 | 7,5 | 10 | 84 | 83 | 81 | 79 | 76 | 72 | 68 | 63 | 57 | 51 | | | | | |
| SS66C 06 + 6GF - 9,2 kW | 6 | 20,6 | 9,2 | 12,5 | 101 | 99 | 97 | 94 | 91 | 86 | 81 | 75 | 68 | 61 | | | | | |
| SS66C 07 + 6GF - 9,2 kW | 7 | 20,6 | 9,2 | 12,5 | 118 | 116 | 113 | 110 | 106 | 101 | 95 | 88 | 80 | 71 | | | | | |
| SS66C 08 + 6GF - 11 kW | 8 | 23,3 | 11 | 15 | 135 | 133 | 130 | 126 | 121 | 115 | 108 | 100 | 91 | 81 | | | | | |
| SS66C 09 + 6GF - 15 kW | 9 | 30,8 | 15 | 20 | 152 | 149 | 146 | 142 | 136 | 129 | 122 | 113 | 103 | 91 | | | | | |
| SS66C 10 + 6GF - 15 kW | 10 | 30,8 | 15 | 20 | 169 | 166 | 162 | 157 | 151 | 144 | 135 | 125 | 114 | 101 | | | | | |
| SS66C 11 + 6GF - 15 kW | 11 | 30,8 | 15 | 20 | 186 | 182 | 178 | 173 | 166 | 158 | 149 | 138 | 125 | 111 | | | | | |
| SS66C 12 + 6GF - 18,5 kW | 12 | 40 | 18,5 | 25 | 202 | 199 | 195 | 189 | 181 | 173 | 162 | 150 | 137 | 121 | | | | | |
| SS66C 13 + 6GF - 18,5 kW | 13 | 40 | 18,5 | 25 | 219 | 215 | 211 | 204 | 196 | 187 | 176 | 163 | 148 | 132 | | | | | |
| SS66C 14 + 6GF - 18,5 kW | 14 | 40 | 18,5 | 25 | 236 | 232 | 227 | 220 | 212 | 201 | 189 | 175 | 160 | 142 | | | | | |
| SS66C 15 + 6GF - 22 kW | 15 | 49,8 | 22 | 30 | 253 | 249 | 243 | 236 | 227 | 216 | 203 | 188 | 171 | 152 | | | | | |
| SS66C 16 + 6GF - 22 kW | 16 | 49,8 | 22 | 30 | 270 | 265 | 259 | 252 | 242 | 230 | 216 | 200 | 182 | 162 | | | | | |
| SS66C 17 + 6GF - 22 kW | 17 | 49,8 | 22 | 30 | 287 | 282 | 276 | 267 | 257 | 244 | 230 | 213 | 194 | 172 | | | | | |
| SS66C 18 + 6GF - 30 kW | 18 | 62 | 30 | 40 | 304 | 298 | 292 | 283 | 272 | 259 | 243 | 226 | 205 | 182 | | | | | |
| SS66C 19 + 6GF - 30 kW | 19 | 62 | 30 | 40 | 321 | 315 | 308 | 299 | 287 | 273 | 257 | 238 | 217 | 192 | | | | | |
| SS66C 20 + 6GF - 30 kW | 20 | 62 | 30 | 40 | 337 | 331 | 324 | 314 | 302 | 288 | 270 | 251 | 228 | 202 | | | | | |
| SS66C 21 + 6GF - 30 kW | 21 | 62 | 30 | 40 | 354 | 348 | 340 | 330 | 317 | 302 | 284 | 263 | 239 | 213 | | | | | |
| SS66C 22 + 6GF - 30 kW | 22 | 62 | 30 | 40 | 371 | 365 | 357 | 346 | 332 | 316 | 297 | 276 | 251 | 223 | | | | | |
| SS66C 23 + 6GF - 30 kW | 23 | 62 | 30 | 40 | 388 | 381 | 373 | 362 | 348 | 331 | 311 | 288 | 262 | 233 | | | | | |
| SS66C 24 + 6GF - 37 kW | 24 | 77 | 37 | 50 | 405 | 398 | 389 | 377 | 363 | 345 | 324 | 301 | 274 | 243 | | | | | |
| SS66C 25 + 6GF - 37 kW | 25 | 77 | 37 | 50 | 422 | 414 | 405 | 393 | 378 | 359 | 338 | 313 | 285 | 253 | | | | | |
| SS66C 26 + 6GF - 37 kW | 26 | 77 | 37 | 50 | 439 | 431 | 421 | 409 | 393 | 374 | 352 | 326 | 296 | 263 | | | | | |
| SS66C 27 + 6GF - 37 kW | 27 | 77 | 37 | 50 | 455 | 448 | 438 | 425 | 408 | 388 | 365 | 338 | 308 | 273 | | | | | |
| SS66C 28 + 6GF - 37 kW | 28 | 77 | 37 | 50 | 472 | 464 | 454 | 440 | 423 | 403 | 379 | 351 | 319 | 283 | | | | | |
| SS66C 29 + TR860 45kW | 29 | 88 | 45 | 60 | 489 | 481 | 470 | 456 | 438 | 417 | 392 | 363 | 331 | 294 | | | | | |
| SS66C 30 + TR860 45kW * | 30 | 88 | 45 | 60 | 506 | 497 | 486 | 472 | 453 | 431 | 406 | 376 | 342 | 304 | | | | | |
| SS66C 31 + TR860 45kW * | 31 | 88 | 45 | 60 | 523 | 514 | 503 | 487 | 468 | 446 | 419 | 388 | 353 | 314 | | | | | |
| SS66C 32 + TR860 45kW * | 32 | 88 | 45 | 60 | 540 | 530 | 519 | 503 | 484 | 460 | 433 | 401 | 365 | 324 | | | | | |
| SS66C 33 + TR860 45kW * | 33 | 88 | 45 | 60 | 557 | 547 | 535 | 519 | 499 | 474 | 446 | 414 | 376 | 334 | | | | | |
| SS66C 34 + TR860 45kW * | 34 | 88 | 45 | 60 | 574 | 564 | 551 | 535 | 514 | 489 | 460 | 426 | 388 | 344 | | | | | |
| SS66C 35 + TR875 55kW * | 35 | 107 | 55 | 75 | 590 | 580 | 567 | 550 | 529 | 503 | 473 | 439 | 399 | 354 | | | | | |
| SS66C 36 + TR875 55kW * | 36 | 107 | 55 | 75 | 607 | 597 | 584 | 566 | 544 | 518 | 487 | 451 | 411 | 364 | | | | | |
| SS66C 37 + TR875 55kW * | 37 | 107 | 55 | 75 | 624 | 613 | 600 | 582 | 559 | 532 | 500 | 464 | 422 | 375 | | | | | |
| SS66C 38 + TR875 55kW * | 38 | 107 | 55 | 75 | 641 | 630 | 616 | 597 | 574 | 546 | 514 | 476 | 433 | 385 | | | | | |
| SS66C 39 + TR875 55kW * | 39 | 107 | 55 | 75 | 658 | 646 | 632 | 613 | 589 | 561 | 527 | 489 | 445 | 395 | | | | | |

* Sleeve pump

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

TECHNICAL DATA - SS66D

| MODEL | NUMBER OF STAGE | In 460 V (A) | P2 NOMINAL | | Q (m³/h) (l/min) | H (m) | | | | | | | | | | | | | |
|--------------------------|-----------------|--------------|------------|------|---------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|----|--|--|--|--|
| | | | kW | HP | | 0 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | | | | |
| SS66D 01 + 6GF - 4 kW | 1 | 9,5 | 4 | 5,5 | 20 | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 8 | | | | | |
| SS66D 02 + 6GF - 5,5 kW | 2 | 13,3 | 5,5 | 7,5 | 40 | 34 | 32 | 31 | 29 | 27 | 25 | 23 | 20 | 17 | | | | | |
| SS66D 03 + 6GF - 7,5 kW | 3 | 16,5 | 7,5 | 10 | 60 | 51 | 49 | 46 | 43 | 40 | 37 | 34 | 30 | 25 | | | | | |
| SS66D 04 + 6GF - 9,2 kW | 4 | 20,6 | 9,2 | 12,5 | 81 | 68 | 65 | 61 | 57 | 54 | 50 | 45 | 40 | 33 | | | | | |
| SS66D 05 + 6GF - 15 kW | 5 | 30,8 | 15 | 20 | 101 | 85 | 81 | 76 | 72 | 67 | 62 | 57 | 50 | 42 | | | | | |
| SS66D 06 + 6GF - 15 kW | 6 | 30,8 | 15 | 20 | 121 | 102 | 97 | 92 | 86 | 81 | 75 | 68 | 60 | 50 | | | | | |
| SS66D 07 + 6GF - 18,5 kW | 7 | 40 | 18,5 | 25 | 141 | 120 | 113 | 107 | 100 | 94 | 87 | 79 | 70 | 58 | | | | | |
| SS66D 08 + 6GF - 18,5 kW | 8 | 40 | 18,5 | 25 | 161 | 137 | 129 | 122 | 115 | 107 | 100 | 91 | 80 | 67 | | | | | |
| SS66D 09 + 6GF - 22 kW | 9 | 49,8 | 22 | 30 | 181 | 154 | 146 | 137 | 129 | 121 | 112 | 102 | 90 | 75 | | | | | |
| SS66D 10 + 6GF - 30 kW | 10 | 62 | 30 | 40 | 201 | 171 | 162 | 153 | 143 | 134 | 124 | 114 | 100 | 83 | | | | | |
| SS66D 11 + 6GF - 30 kW | 11 | 62 | 30 | 40 | 222 | 188 | 178 | 168 | 158 | 148 | 137 | 125 | 110 | 91 | | | | | |
| SS66D 12 + 6GF - 30 kW | 12 | 62 | 30 | 40 | 242 | 205 | 194 | 183 | 172 | 161 | 149 | 136 | 120 | 100 | | | | | |
| SS66D 13 + 6GF - 30 kW | 13 | 62 | 30 | 40 | 262 | 222 | 210 | 198 | 186 | 174 | 162 | 148 | 130 | 108 | | | | | |
| SS66D 14 + 6GF - 37 kW | 14 | 77 | 37 | 50 | 282 | 239 | 226 | 214 | 201 | 188 | 174 | 159 | 140 | 116 | | | | | |
| SS66D 15 + 6GF - 37 kW | 15 | 77 | 37 | 50 | 302 | 256 | 243 | 229 | 215 | 201 | 187 | 170 | 150 | 125 | | | | | |
| SS66D 16 + 6GF - 37 kW | 16 | 77 | 37 | 50 | 322 | 273 | 259 | 244 | 230 | 215 | 199 | 182 | 160 | 133 | | | | | |
| SS66D 17 + TR860 45kW | 17 | 88 | 45 | 60 | 342 | 290 | 275 | 259 | 244 | 228 | 212 | 193 | 170 | 141 | | | | | |
| SS66D 18 + TR860 45kW | 18 | 88 | 45 | 60 | 363 | 307 | 291 | 275 | 258 | 242 | 224 | 204 | 181 | 150 | | | | | |
| SS66D 19 + TR860 45kW | 19 | 88 | 45 | 60 | 383 | 324 | 307 | 290 | 273 | 255 | 237 | 216 | 191 | 158 | | | | | |
| SS66D 20 + TR875 55KW | 20 | 107 | 55 | 75 | 403 | 341 | 323 | 305 | 287 | 268 | 249 | 227 | 201 | 166 | | | | | |
| SS66D 21 + TR875 55KW | 21 | 107 | 55 | 75 | 423 | 359 | 340 | 320 | 301 | 282 | 261 | 238 | 211 | 175 | | | | | |
| SS66D 22 + TR875 55KW | 22 | 107 | 55 | 75 | 443 | 376 | 356 | 336 | 316 | 295 | 274 | 250 | 221 | 183 | | | | | |
| SS66D 23 + TR875 55KW | 23 | 107 | 55 | 75 | 463 | 393 | 372 | 351 | 330 | 309 | 286 | 261 | 231 | 191 | | | | | |
| SS66D 24 + TR875 55KW | 24 | 107 | 55 | 75 | 483 | 410 | 388 | 366 | 344 | 322 | 299 | 272 | 241 | 200 | | | | | |

TECHNICAL DATA - SS66E

| MODEL | NUMBER OF STAGE | In 460 V (A) | P2 NOMINAL | | Q (m³/h) (l/min) | H (m) | | | | | | | | | | | | | |
|--------------------------|-----------------|--------------|------------|------|---------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|----|--|--|--|--|
| | | | kW | HP | | 0 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | | | | |
| SS66E 01 + 6GF - 4 kW | 1 | 9,5 | 4 | 5,5 | 22 | 15 | 14 | 14 | 13 | 12 | 12 | 11 | 10 | 8 | | | | | |
| SS66E 02 + 6GF - 5,5 kW | 2 | 13,3 | 5,5 | 7,5 | 43 | 29 | 28 | 27 | 26 | 25 | 23 | 21 | 19 | 16 | | | | | |
| SS66E 03 + 6GF - 9,2 kW | 3 | 20,6 | 9,2 | 12,5 | 65 | 44 | 42 | 41 | 39 | 37 | 35 | 32 | 29 | 24 | | | | | |
| SS66E 04 + 6GF - 11 kW | 4 | 23,3 | 11 | 15 | 86 | 59 | 57 | 54 | 52 | 49 | 46 | 43 | 38 | 33 | | | | | |
| SS66E 05 + 6GF - 15 kW | 5 | 30,8 | 15 | 20 | 108 | 74 | 71 | 68 | 65 | 62 | 58 | 53 | 48 | 41 | | | | | |
| SS66E 06 + 6GF - 18,5 kW | 6 | 40 | 18,5 | 25 | 130 | 88 | 85 | 81 | 78 | 74 | 70 | 64 | 57 | 49 | | | | | |
| SS66E 07 + 6GF - 22 kW | 7 | 49,8 | 22 | 30 | 151 | 103 | 99 | 95 | 91 | 86 | 81 | 75 | 67 | 57 | | | | | |
| SS66E 08 + 6GF - 22 kW | 8 | 49,8 | 22 | 30 | 173 | 118 | 113 | 109 | 104 | 99 | 93 | 85 | 76 | 65 | | | | | |
| SS66E 09 + 6GF - 30 kW | 9 | 62 | 30 | 40 | 194 | 133 | 127 | 122 | 117 | 111 | 104 | 96 | 86 | 73 | | | | | |
| SS66E 10 + 6GF - 30 kW | 10 | 62 | 30 | 40 | 216 | 147 | 142 | 136 | 130 | 123 | 116 | 107 | 96 | 81 | | | | | |
| SS66E 11 + 6GF - 30 kW | 11 | 62 | 30 | 40 | 238 | 162 | 156 | 149 | 143 | 136 | 127 | 118 | 105 | 89 | | | | | |
| SS66E 12 + 6GF - 37 kW | 12 | 77 | 37 | 50 | 259 | 177 | 170 | 163 | 156 | 148 | 139 | 128 | 115 | 98 | | | | | |
| SS66E 13 + 6GF - 37 kW | 13 | 77 | 37 | 50 | 281 | 192 | 184 | 177 | 169 | 160 | 151 | 139 | 124 | 106 | | | | | |
| SS66E 14 + TR860 45kW | 14 | 88 | 45 | 60 | 303 | 206 | 198 | 190 | 182 | 173 | 162 | 150 | 134 | 114 | | | | | |
| SS66E 15 + TR860 45kW | 15 | 88 | 45 | 60 | 324 | 221 | 212 | 204 | 195 | 185 | 174 | 160 | 143 | 122 | | | | | |
| SS66E 16 + TR860 45kW | 16 | 88 | 45 | 60 | 346 | 236 | 227 | 217 | 208 | 197 | 185 | 171 | 153 | 130 | | | | | |
| SS66E 17 + TR875 55KW | 17 | 107 | 55 | 75 | 367 | 251 | 241 | 231 | 221 | 210 | 197 | 182 | 162 | 138 | | | | | |
| SS66E 18 + TR875 55KW | 18 | 107 | 55 | 75 | 389 | 265 | 255 | 244 | 234 | 222 | 209 | 192 | 172 | 146 | | | | | |
| SS66E 19 + TR875 55KW | 19 | 107 | 55 | 75 | 411 | 280 | 269 | 258 | 247 | 234 | 220 | 203 | 182 | 154 | | | | | |
| SS66E 20 + TR875 55KW | 20 | 107 | 55 | 75 | 432 | 295 | 283 | 272 | 260 | 247 | 232 | 214 | 191 | 163 | | | | | |
| SS66E 21 + TR885 63KW | 21 | 120 | 63 | 85 | 454 | 310 | 297 | 285 | 273 | 259 | 243 | 224 | 201 | 171 | | | | | |

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

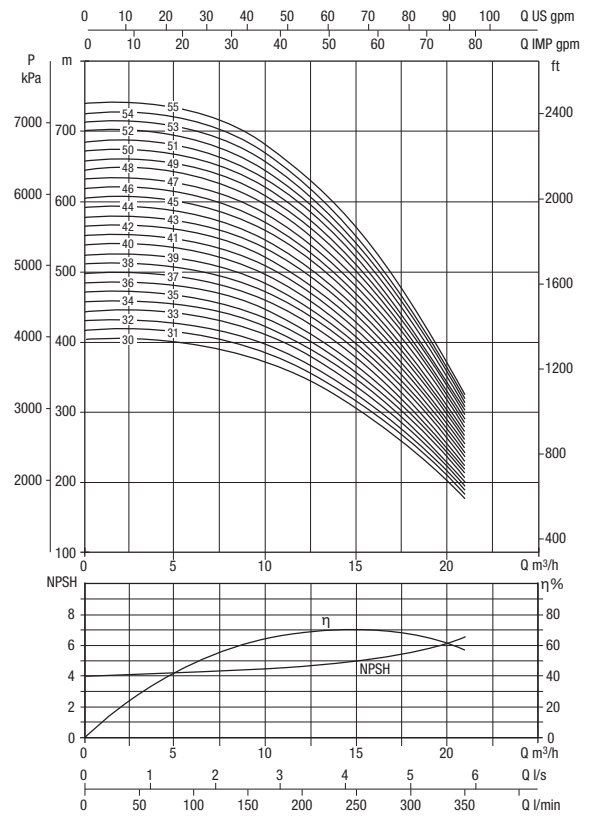
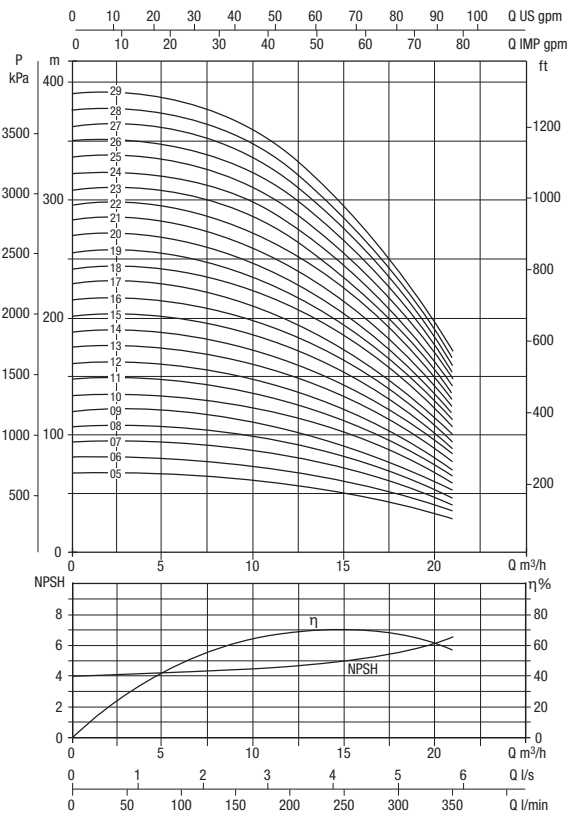
CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

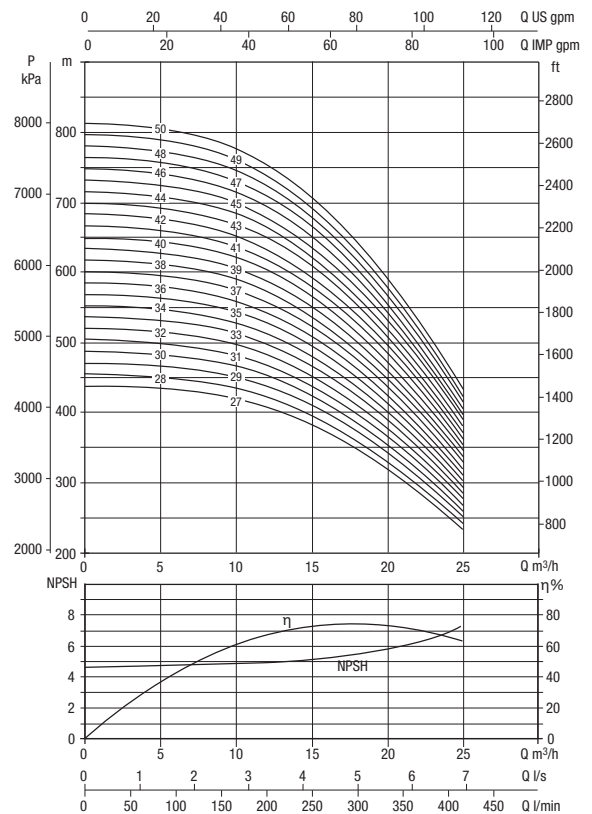
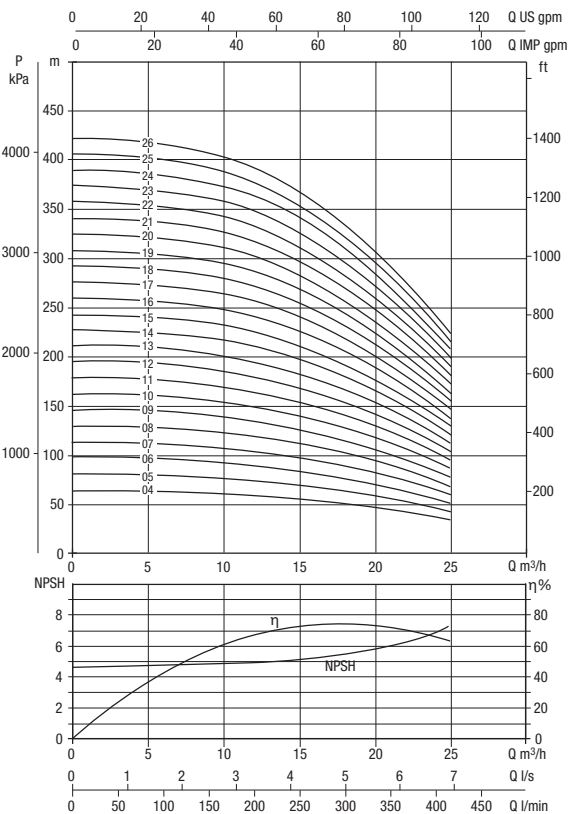
SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

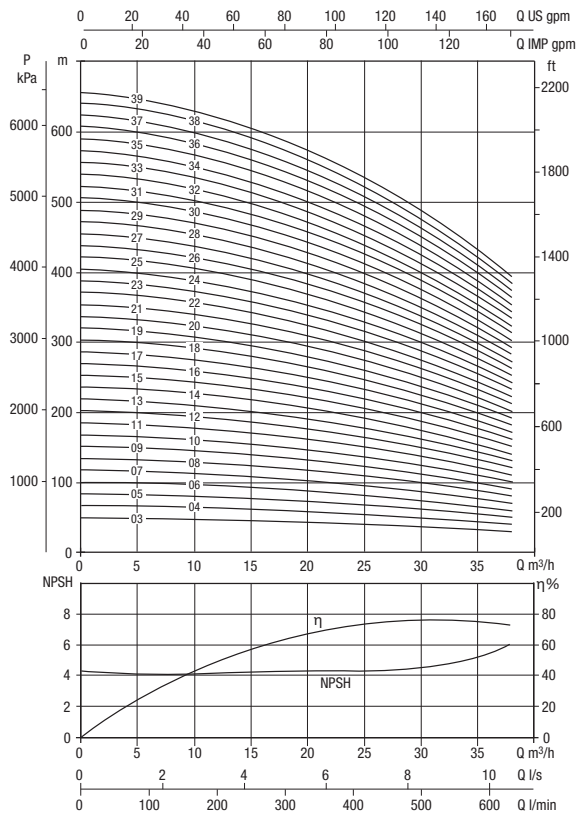
SS66 A



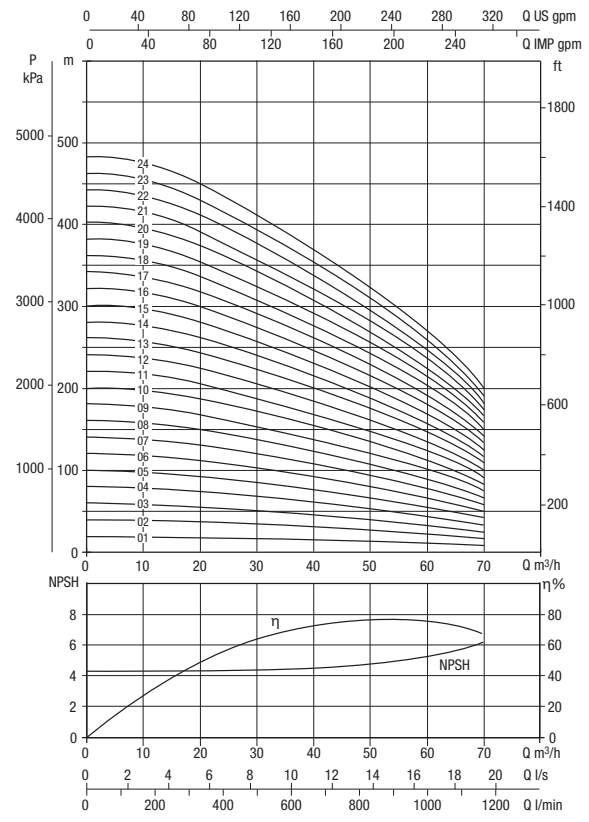
SS66 B



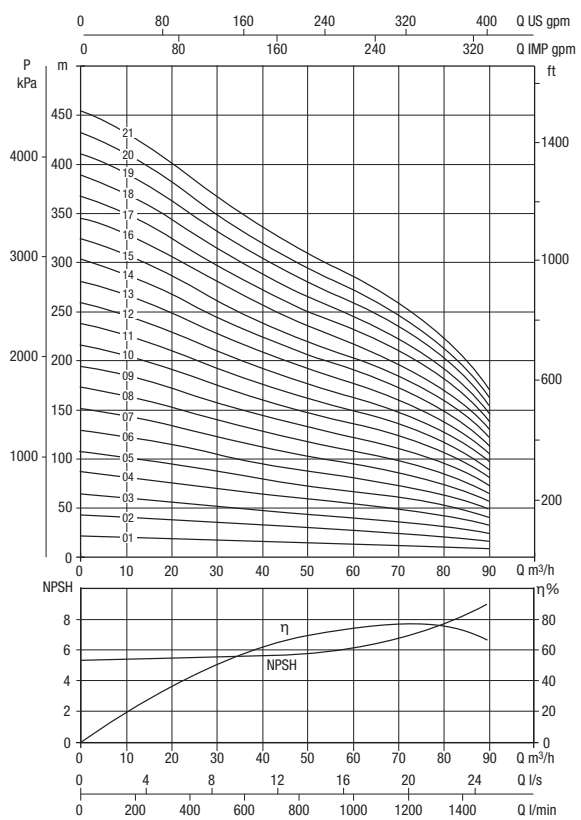
SS66 C



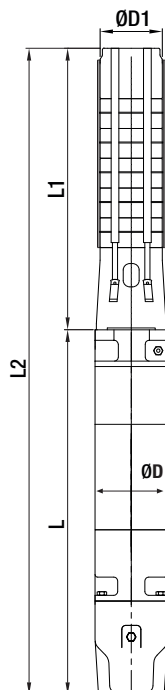
SS66 D



SS66E



DIMENSIONS AND WEIGHTS



DIMENSIONS AND WEIGHTS - SS66A

| MODEL | L1 (mm) | L (mm) | L2 (mm) | D (mm) | D1 (mm) | Tot. WEIGHT (kg) |
|-------------------------|---------|--------|---------|--------|---------|------------------|
| SS66A 05 + 6GF - 4 kW | 572 | 600 | 1172 | 141 | 132 | 50,4 |
| SS66A 06 + 6GF - 4 kW | 632 | 600 | 1232 | 141 | 132 | 52,4 |
| SS66A 07 + 6GF - 4 kW | 693 | 600 | 1293 | 141 | 132 | 53,4 |
| SS66A 08 + 6GF - 5,5 kW | 753 | 631 | 1384 | 141 | 132 | 57,6 |
| SS66A 09 + 6GF - 5,5 kW | 814 | 631 | 1445 | 141 | 132 | 59,6 |
| SS66A 10 + 6GF - 5,5 kW | 874 | 631 | 1505 | 141 | 132 | 60,6 |
| SS66A 11 + 6GF - 7,5 kW | 935 | 660 | 1595 | 141 | 132 | 65,2 |
| SS66A 12 + 6GF - 7,5 kW | 995 | 660 | 1655 | 141 | 132 | 66,2 |
| SS66A 13 + 6GF - 7,5 kW | 1056 | 660 | 1716 | 141 | 132 | 68,2 |
| SS66A 14 + 6GF - 11 kW | 1116 | 730 | 1846 | 141 | 132 | 77 |
| SS66A 15 + 6GF - 11 kW | 1177 | 730 | 1907 | 141 | 132 | 79 |
| SS66A 16 + 6GF - 11 kW | 1237 | 730 | 1967 | 141 | 132 | 80 |
| SS66A 17 + 6GF - 11 kW | 1298 | 730 | 2028 | 141 | 132 | 81 |
| SS66A 18 + 6GF - 11 kW | 1358 | 730 | 2088 | 141 | 132 | 83 |
| SS66A 19 + 6GF - 11 kW | 1419 | 730 | 2149 | 141 | 132 | 84 |
| SS66A 20 + 6GF - 11 kW | 1479 | 730 | 2209 | 141 | 132 | 86 |
| SS66A 21 + 6GF - 15 kW | 1540 | 785 | 2325 | 141 | 132 | 93 |

DIMENSIONS AND WEIGHTS - SS66A

| MODEL | L1 (mm) | L (mm) | L2 (mm) | D (mm) | D1 (mm) | Tot. WEIGHT (kg) |
|--------------------------|---------|--------|---------|--------|---------|------------------|
| SS66A 22 + 6GF - 15 kW | 1600 | 785 | 2385 | 141 | 132 | 95 |
| SS66A 23 + 6GF - 15 kW | 1661 | 785 | 2446 | 141 | 132 | 96 |
| SS66A 24 + 6GF - 15 kW | 1721 | 785 | 2506 | 141 | 132 | 98 |
| SS66A 25 + 6GF - 15 kW | 1782 | 785 | 2567 | 141 | 132 | 99 |
| SS66A 26 + 6GF - 15 kW | 1842 | 785 | 2627 | 141 | 132 | 100 |
| SS66A 27 + 6GF - 15 kW | 1903 | 785 | 2688 | 141 | 132 | 102 |
| SS66A 28 + 6GF - 18,5 kW | 1963 | 860 | 2823 | 141 | 132 | 111 |
| SS66A 29 + 6GF - 18,5 kW | 2024 | 860 | 2884 | 141 | 132 | 113 |
| SS66A 30 + 6GF - 18,5 kW | 2334 | 860 | 3194 | 141 | 167 | 142 |
| SS66A 31 + 6GF - 18,5 kW | 2395 | 860 | 3255 | 141 | 167 | 143 |
| SS66A 32 + 6GF - 18,5 kW | 2455 | 860 | 3315 | 141 | 167 | 145 |
| SS66A 33 + 6GF - 18,5 kW | 2516 | 860 | 3376 | 141 | 167 | 147 |
| SS66A 34 + 6GF - 18,5 kW | 2576 | 860 | 3436 | 141 | 167 | 149 |
| SS66A 35 + 6GF - 22 kW | 2637 | 920 | 3557 | 141 | 167 | 153,6 |
| SS66A 36 + 6GF - 22 kW | 2697 | 920 | 3617 | 141 | 167 | 155,6 |
| SS66A 37 + 6GF - 22 kW | 2758 | 920 | 3678 | 141 | 167 | 157,6 |
| SS66A 38 + 6GF - 22 kW | 2818 | 920 | 3738 | 141 | 167 | 159,6 |
| SS66A 39 + 6GF - 22 kW | 2879 | 920 | 3799 | 141 | 167 | 161,6 |
| SS66A 40 + 6GF - 22 kW | 2939 | 920 | 3859 | 141 | 167 | 162,6 |
| SS66A 41 + 6GF - 22 kW | 3000 | 920 | 3920 | 141 | 167 | 164,6 |
| SS66A 42 + 6GF - 30 kW | 3060 | 1050 | 4110 | 141 | 167 | 182,8 |
| SS66A 43 + 6GF - 30 kW | 3121 | 1050 | 4171 | 141 | 167 | 184,8 |
| SS66A 44 + 6GF - 30 kW | 3181 | 1050 | 4231 | 141 | 167 | 186,8 |
| SS66A 45 + 6GF - 30 kW | 3242 | 1050 | 4292 | 141 | 167 | 187,8 |
| SS66A 46 + 6GF - 30 kW | 3302 | 1050 | 4352 | 141 | 167 | 189,8 |
| SS66A 47 + 6GF - 30 kW | 3363 | 1050 | 4413 | 141 | 167 | 191,8 |
| SS66A 48 + 6GF - 30 kW | 3423 | 1050 | 4473 | 141 | 167 | 193,8 |
| SS66A 49 + 6GF - 30 kW | 3484 | 1050 | 4534 | 141 | 167 | 194,8 |
| SS66A 50 + 6GF - 30 kW | 3544 | 1050 | 4594 | 141 | 167 | 196,8 |
| SS66A 51 + 6GF - 30 kW | 3605 | 1050 | 4655 | 141 | 167 | 198,8 |
| SS66A 52 + 6GF - 30 kW | 3665 | 1050 | 4715 | 141 | 167 | 200,8 |
| SS66A 53 + 6GF - 30 kW | 3726 | 1050 | 4776 | 141 | 167 | 202,8 |
| SS66A 54 + 6GF - 30 kW | 3786 | 1050 | 4836 | 141 | 167 | 203,8 |
| SS66A 55 + 6GF - 30 kW | 3847 | 1050 | 4897 | 141 | 167 | 205,8 |

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

DIMENSIONS AND WEIGHTS - SS66B

| MODEL | L1 (mm) | L (mm) | L2 (mm) | D (mm) | D1 (mm) | Tot. WEIGHT (kg) |
|--------------------------|---------|--------|---------|--------|---------|------------------|
| SS66B 04 + 6GF - 4 kW | 511 | 600 | 1111 | 141 | 132 | 49,4 |
| SS66B 05 + 6GF - 5,5 kW | 572 | 631 | 1203 | 141 | 132 | 53,6 |
| SS66B 06 + 6GF - 5,5 kW | 632 | 631 | 1263 | 141 | 132 | 55,6 |
| SS66B 07 + 6GF - 7,5 kW | 693 | 660 | 1353 | 141 | 132 | 59,2 |
| SS66B 08 + 6GF - 7,5 kW | 753 | 660 | 1413 | 141 | 132 | 61,2 |
| SS66B 09 + 6GF - 7,5 kW | 814 | 660 | 1474 | 141 | 132 | 62,2 |
| SS66B 10 + 6GF - 9,2 kW | 874 | 685 | 1559 | 141 | 132 | 66,6 |
| SS66B 11 + 6GF - 9,2 kW | 935 | 685 | 1620 | 141 | 132 | 68,6 |
| SS66B 12 + 6GF - 11 kW | 995 | 730 | 1725 | 141 | 132 | 74 |
| SS66B 13 + 6GF - 11 kW | 1056 | 730 | 1786 | 141 | 132 | 76 |
| SS66B 14 + 6GF - 15 kW | 1116 | 785 | 1901 | 141 | 132 | 83 |
| SS66B 15 + 6GF - 15 kW | 1177 | 785 | 1962 | 141 | 132 | 85 |
| SS66B 16 + 6GF - 15 kW | 1237 | 785 | 2022 | 141 | 132 | 86 |
| SS66B 17 + 6GF - 15 kW | 1298 | 785 | 2083 | 141 | 132 | 88 |
| SS66B 18 + 6GF - 15 kW | 1358 | 785 | 2143 | 141 | 132 | 89 |
| SS66B 19 + 6GF - 18,5 kW | 1419 | 860 | 2279 | 141 | 132 | 98 |
| SS66B 20 + 6GF - 18,5 kW | 1479 | 860 | 2339 | 141 | 132 | 100 |
| SS66B 21 + 6GF - 18,5 kW | 1540 | 860 | 2400 | 141 | 132 | 101 |
| SS66B 22 + 6GF - 18,5 kW | 1600 | 860 | 2460 | 141 | 132 | 103 |
| SS66B 23 + 6GF - 22 kW | 1661 | 920 | 2581 | 141 | 132 | 107,6 |
| SS66B 24 + 6GF - 22 kW | 1721 | 920 | 2641 | 141 | 132 | 109,6 |
| SS66B 25 + 6GF - 22 kW | 1782 | 920 | 2702 | 141 | 132 | 110,6 |
| SS66B 26 + 6GF - 22 kW | 1842 | 920 | 2762 | 141 | 132 | 112,6 |
| SS66B 27 + 6GF - 30 kW | 1903 | 1050 | 2953 | 141 | 132 | 129,8 |
| SS66B 28 + 6GF - 30 kW | 1963 | 1050 | 3013 | 141 | 132 | 131,8 |
| SS66B 29 + 6GF - 30 kW | 2024 | 1050 | 3074 | 141 | 132 | 132,8 |
| SS66B 30 + 6GF - 30 kW * | 2334 | 1050 | 3384 | 141 | 167 | 161,8 |
| SS66B 31 + 6GF - 30 kW * | 2395 | 1050 | 3445 | 141 | 167 | 163,8 |
| SS66B 32 + 6GF - 30 kW * | 2455 | 1050 | 3505 | 141 | 167 | 164,8 |
| SS66B 33 + 6GF - 30 kW * | 2516 | 1050 | 3566 | 141 | 167 | 166,8 |
| SS66B 34 + 6GF - 30 kW * | 2576 | 1050 | 3626 | 141 | 167 | 168,8 |
| SS66B 35 + 6GF - 30 kW * | 2637 | 1050 | 3687 | 141 | 167 | 170,8 |
| SS66B 36 + 6GF - 30 kW * | 2697 | 1050 | 3747 | 141 | 167 | 172,8 |
| SS66B 37 + 6GF - 37 kW * | 2758 | 1180 | 3938 | 141 | 167 | 185,8 |
| SS66B 38 + 6GF - 37 kW * | 2818 | 1180 | 3998 | 141 | 167 | 187,8 |
| SS66B 39 + 6GF - 37 kW * | 2879 | 1180 | 4059 | 141 | 167 | 189,8 |
| SS66B 40 + 6GF - 37 kW * | 2939 | 1180 | 4119 | 141 | 167 | 191,8 |
| SS66B 41 + 6GF - 37 kW * | 3000 | 1180 | 4180 | 141 | 167 | 193,8 |
| SS66B 42 + 6GF - 37 kW * | 3060 | 1180 | 4240 | 141 | 167 | 194,8 |
| SS66B 43 + TR860 45kW * | 3121 | 1270 | 4391 | 192 | 167 | 275 |
| SS66B 44 + TR860 45kW * | 3181 | 1270 | 4451 | 192 | 167 | 277 |
| SS66B 45 + TR860 45kW * | 3242 | 1270 | 4512 | 192 | 167 | 279 |
| SS66B 46 + TR860 45kW * | 3302 | 1270 | 4572 | 192 | 167 | 280 |
| SS66B 47 + TR860 45kW * | 3363 | 1270 | 4633 | 192 | 167 | 282 |
| SS66B 48 + TR860 45kW * | 3423 | 1270 | 4693 | 192 | 167 | 284 |
| SS66B 49 + TR860 45kW * | 3484 | 1270 | 4754 | 192 | 167 | 286 |
| SS66B 50 + TR860 45kW * | 3544 | 1270 | 4814 | 192 | 167 | 288 |

DIMENSIONS AND WEIGHTS - SS66C

| MODEL | L1 (mm) | L (mm) | L2 (mm) | D (mm) | D1 (mm) | Tot. WEIGHT (kg) |
|--------------------------|---------|--------|---------|--------|---------|------------------|
| SS66C 03 + 6GF - 4 kW | 554 | 600 | 1154 | 141 | 132 | 50,4 |
| SS66C 04 + 6GF - 5,5 kW | 649 | 631 | 1280 | 141 | 132 | 55,6 |
| SS66C 05 + 6GF - 7,5 kW | 744 | 660 | 1404 | 141 | 132 | 60,2 |
| SS66C 06 + 6GF - 9,2 kW | 839 | 685 | 1524 | 141 | 132 | 65,6 |
| SS66C 07 + 6GF - 9,2 kW | 934 | 685 | 1619 | 141 | 132 | 67,6 |
| SS66C 08 + 6GF - 11 kW | 1029 | 730 | 1759 | 141 | 132 | 74 |
| SS66C 09 + 6GF - 15 kW | 1124 | 785 | 1909 | 141 | 132 | 82 |
| SS66C 10 + 6GF - 15 kW | 1219 | 785 | 2004 | 141 | 132 | 84 |
| SS66C 11 + 6GF - 15 kW | 1314 | 785 | 2099 | 141 | 132 | 86 |
| SS66C 12 + 6GF - 18,5 kW | 1409 | 860 | 2269 | 141 | 132 | 96 |
| SS66C 13 + 6GF - 18,5 kW | 1504 | 860 | 2364 | 141 | 132 | 98 |
| SS66C 14 + 6GF - 18,5 kW | 1599 | 860 | 2459 | 141 | 132 | 100 |
| SS66C 15 + 6GF - 22 kW | 1694 | 920 | 2614 | 141 | 132 | 106,6 |
| SS66C 16 + 6GF - 22 kW | 1789 | 920 | 2709 | 141 | 132 | 108,6 |
| SS66C 17 + 6GF - 22 kW | 1884 | 920 | 2804 | 141 | 132 | 110,6 |
| SS66C 18 + 6GF - 30 kW | 1979 | 1050 | 3029 | 141 | 132 | 128,8 |
| SS66C 19 + 6GF - 30 kW | 2074 | 1050 | 3124 | 141 | 132 | 130,8 |
| SS66C 20 + 6GF - 30 kW | 2169 | 1050 | 3219 | 141 | 132 | 132,8 |
| SS66C 21 + 6GF - 30 kW | 2264 | 1050 | 3314 | 141 | 132 | 134,8 |
| SS66C 22 + 6GF - 30 kW | 2359 | 1050 | 3409 | 141 | 132 | 136,8 |
| SS66C 23 + 6GF - 30 kW | 2454 | 1050 | 3504 | 141 | 132 | 138,8 |
| SS66C 24 + 6GF - 37 kW | 2549 | 1180 | 3729 | 141 | 132 | 152,8 |
| SS66C 25 + 6GF - 37 kW | 2644 | 1180 | 3824 | 141 | 132 | 154,8 |
| SS66C 26 + 6GF - 37 kW | 2739 | 1180 | 3919 | 141 | 132 | 156,8 |
| SS66C 27 + 6GF - 37 kW | 2834 | 1180 | 4014 | 141 | 132 | 158,8 |
| SS66C 28 + 6GF - 37 kW | 2929 | 1180 | 4109 | 141 | 132 | 161,8 |
| SS66C 29 + TR860 45kW | 3024 | 1270 | 4294 | 192 | 132 | 242 |
| SS66C 30 + TR860 45kW * | 3369 | 1270 | 4639 | 192 | 167 | 277 |
| SS66C 31 + TR860 45kW * | 3464 | 1270 | 4734 | 192 | 167 | 280 |
| SS66C 32 + TR860 45kW * | 3559 | 1270 | 4829 | 192 | 167 | 282 |
| SS66C 33 + TR860 45kW * | 3654 | 1270 | 4924 | 192 | 167 | 285 |
| SS66C 34 + TR860 45kW * | 3749 | 1270 | 5019 | 192 | 167 | 288 |
| SS66C 35 + TR875 55KW * | 3844 | 1350 | 5194 | 192 | 167 | 305 |
| SS66C 36 + TR875 55KW * | 3939 | 1350 | 5289 | 192 | 167 | 308 |
| SS66C 37 + TR875 55KW * | 4034 | 1350 | 5384 | 192 | 167 | 310 |
| SS66C 38 + TR875 55KW * | 4129 | 1350 | 5479 | 192 | 167 | 313 |
| SS66C 39 + TR875 55KW * | 4224 | 1350 | 5574 | 192 | 167 | 316 |

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

DIMENSIONS AND WEIGHTS - SS66D

| MODEL | L1 (mm) | L (mm) | L2 (mm) | D (mm) | D1 (mm) | Tot. WEIGHT (kg) |
|--------------------------|---------|--------|---------|--------|---------|------------------|
| SS66D 01 + 6GF - 4 kW | 382 | 600 | 982 | 141 | 144 | 46,4 |
| SS66D 02 + 6GF - 5,5 kW | 494 | 631 | 1125 | 141 | 144 | 52,6 |
| SS66D 03 + 6GF - 7,5 kW | 606 | 660 | 1266 | 141 | 144 | 57,2 |
| SS66D 04 + 6GF - 9,2 kW | 718 | 685 | 1403 | 141 | 144 | 63,6 |
| SS66D 05 + 6GF - 15 kW | 830 | 785 | 1615 | 141 | 144 | 77 |
| SS66D 06 + 6GF - 15 kW | 942 | 785 | 1727 | 141 | 144 | 79 |
| SS66D 07 + 6GF - 18,5 kW | 1054 | 860 | 1914 | 141 | 144 | 90 |
| SS66D 08 + 6GF - 18,5 kW | 1166 | 860 | 2026 | 141 | 144 | 93 |
| SS66D 09 + 6GF - 22 kW | 1278 | 920 | 2198 | 141 | 144 | 98,6 |
| SS66D 10 + 6GF - 30 kW | 1390 | 1050 | 2440 | 141 | 144 | 117,8 |
| SS66D 11 + 6GF - 30 kW | 1502 | 1050 | 2552 | 141 | 144 | 120,8 |
| SS66D 12 + 6GF - 30 kW | 1614 | 1050 | 2664 | 141 | 144 | 122,8 |
| SS66D 13 + 6GF - 30 kW | 1726 | 1050 | 2776 | 141 | 144 | 125,8 |
| SS66D 14 + 6GF - 37 kW | 1838 | 1180 | 3018 | 141 | 144 | 140,8 |
| SS66D 15 + 6GF - 37 kW | 1950 | 1180 | 3130 | 141 | 144 | 142,8 |
| SS66D 16 + 6GF - 37 kW | 2062 | 1180 | 3242 | 141 | 144 | 145,8 |
| SS66D 17 + TR860 45kW | 2174 | 1270 | 3444 | 192 | 144 | 226 |
| SS66D 18 + TR860 45kW | 2286 | 1270 | 3556 | 192 | 144 | 229 |
| SS66D 19 + TR860 45kW | 2398 | 1270 | 3668 | 192 | 144 | 232 |
| SS66D 20 + TR875 55KW | 2510 | 1350 | 3860 | 192 | 144 | 249 |
| SS66D 21 + TR875 55KW | 2622 | 1350 | 3972 | 192 | 144 | 252 |
| SS66D 22 + TR875 55KW | 2734 | 1350 | 4084 | 192 | 144 | 255 |
| SS66D 23 + TR875 55KW | 2846 | 1350 | 4196 | 192 | 144 | 257 |
| SS66D 24 + TR875 55KW | 2958 | 1350 | 4308 | 192 | 144 | 260 |

DIMENSIONS AND WEIGHTS - SS66E

| MODEL | L1 (mm) | L (mm) | L2 (mm) | D (mm) | D1 (mm) | Tot. WEIGHT (kg) |
|--------------------------|---------|--------|---------|--------|---------|------------------|
| SS66E 01 + 6GF - 4 kW | 382 | 600 | 982 | 141 | 144 | 46,4 |
| SS66E 02 + 6GF - 5,5 kW | 494 | 631 | 1125 | 141 | 144 | 52,6 |
| SS66E 03 + 6GF - 9,2 kW | 606 | 685 | 1291 | 141 | 144 | 60,6 |
| SS66E 04 + 6GF - 11 kW | 718 | 730 | 1448 | 141 | 144 | 68 |
| SS66E 05 + 6GF - 15 kW | 830 | 785 | 1615 | 141 | 144 | 77 |
| SS66E 06 + 6GF - 18,5 kW | 942 | 860 | 1802 | 141 | 144 | 87 |
| SS66E 07 + 6GF - 22 kW | 1054 | 920 | 1974 | 141 | 144 | 93,6 |
| SS66E 08 + 6GF - 22 kW | 1166 | 920 | 2086 | 141 | 144 | 96,6 |
| SS66E 09 + 6GF - 30 kW | 1278 | 1050 | 2328 | 141 | 144 | 114,8 |
| SS66E 10 + 6GF - 30 kW | 1390 | 1050 | 2440 | 141 | 144 | 117,8 |
| SS66E 11 + 6GF - 30 kW | 1502 | 1050 | 2552 | 141 | 144 | 120,8 |
| SS66E 12 + 6GF - 37 kW | 1614 | 1180 | 2794 | 141 | 144 | 134,8 |
| SS66E 13 + 6GF - 37 kW | 1726 | 1180 | 2906 | 141 | 144 | 137,8 |
| SS66E 14 + TR860 45kW | 1838 | 1270 | 3108 | 192 | 144 | 219 |
| SS66E 15 + TR860 45kW | 1950 | 1270 | 3220 | 192 | 144 | 221 |
| SS66E 16 + TR860 45kW | 2062 | 1270 | 3332 | 192 | 144 | 224 |
| SS66E 17 + TR875 55KW | 2174 | 1350 | 3524 | 192 | 144 | 242 |
| SS66E 18 + TR875 55KW | 2286 | 1350 | 3636 | 192 | 144 | 244 |
| SS66E 19 + TR875 55KW | 2398 | 1350 | 3748 | 192 | 144 | 247 |
| SS66E 20 + TR875 55KW | 2510 | 1350 | 3860 | 192 | 144 | 250 |
| SS66E 21 + TR885 63KW | 2622 | 1490 | 4112 | 192 | 144 | 278 |

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

SS76

7" SUBMERSIBLE PUMPS



CE Multistage semiaxial submersible electric pumps for wells measuring 7" or above, able to generate a broad range of flow rates. These units are used extensively for lifting, distribution, and pressurisation in civil and industrial water systems, filling of booster pumps and tanks, fire-fighting systems and washing of irrigation systems.

Application with clean, non-aggressive water free from solids or abrasive substances.

Construction features of the pump

Pump body and impellers in pressed AISI 304 stainless steel.

Pump with check valve of low pressure loss.

For operation with inverter see the specifications of the coupled motor.

On request

- **Pump body:** in pressed AISI 316 stainless steel for use in aggressive water
- **Impellers:** in pressed AISI 316 stainless steel for use in aggressive water

Performance range

flow up to 110 m³/h and max head of 423 m

Max. quantity of sand/silt 50g/m³

Max. ambient temperature

30°C (50°C available on request)

Outlet connection diameter (inside threaded) 5"

Coupling with motors of 6" or 8" depending on the required hydraulic power, and available in standard or stainless steel version:

6GF: encapsulated 6" submersible motor.

TR6: rewindable 6" submersible motor.

TR8: rewindable 8" submersible motor.

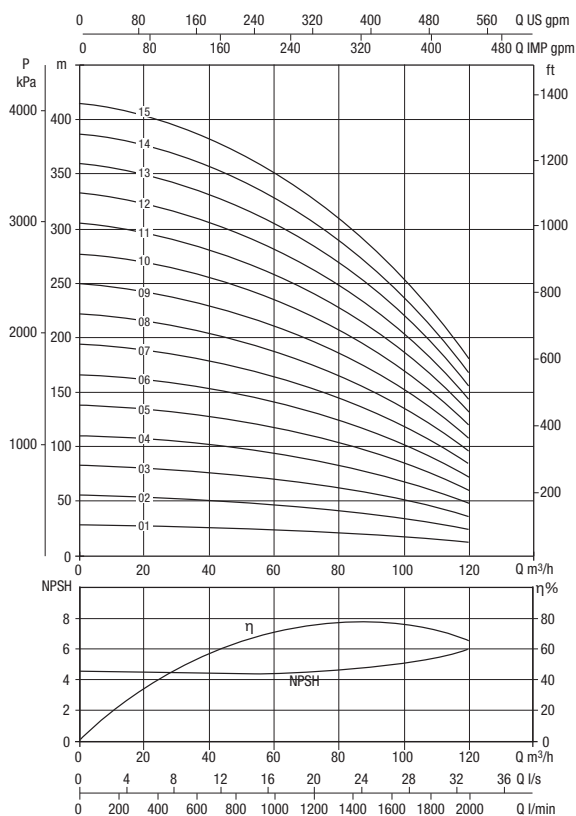
TECHNICAL DATA - SS76A

| MODEL | NUMBER OF STAGE | P2 NOMINAL | | In 460 V (A) | Q (m ³ /h) (l/sec) | H (m) | | | | | | | | | | | | | |
|--------------------------|-----------------|------------|-----|--------------|----------------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|--|--|--|
| | | KW | HP | | | 0 | 30 | 50 | 60 | 70 | 80 | 90 | 100 | 110 | 120 | | | | |
| SS76A 01 + 6GF - 5,5 kW | 1 | 5,5 | 7,5 | 13,3 | 28 | 26 | 25 | 23 | 22 | 21 | 19 | 17 | 15 | 12 | | | | | |
| SS76A 02 + 6GF - 11 kW | 2 | 11 | 15 | 23,3 | 55 | 53 | 49 | 47 | 44 | 41 | 38 | 34 | 29 | 24 | | | | | |
| SS76A 03 + 6GF - 18,5 kW | 3 | 18,5 | 25 | 40 | 83 | 79 | 74 | 70 | 66 | 62 | 57 | 51 | 44 | 36 | | | | | |
| SS76A 04 + 6GF - 22 kW | 4 | 22 | 30 | 49,8 | 111 | 105 | 98 | 94 | 88 | 83 | 76 | 68 | 59 | 48 | | | | | |
| SS76A 05 + 6GF - 30 kW | 5 | 30 | 40 | 62 | 138 | 132 | 123 | 117 | 111 | 103 | 95 | 85 | 73 | 60 | | | | | |
| SS76A 06 + 6GF - 37 kW | 6 | 37 | 50 | 77 | 166 | 158 | 147 | 140 | 133 | 124 | 114 | 102 | 88 | 72 | | | | | |
| SS76A 07 + 6GF - 37 kW | 7 | 37 | 50 | 77 | 194 | 184 | 172 | 164 | 155 | 145 | 133 | 119 | 103 | 84 | | | | | |
| SS76A 08 + TR860 45kW | 8 | 45 | 60 | 88 | 221 | 211 | 196 | 187 | 177 | 165 | 152 | 136 | 118 | 96 | | | | | |
| SS76A 09 + TR875 55KW | 9 | 55 | 75 | 107 | 249 | 237 | 221 | 210 | 199 | 186 | 171 | 153 | 132 | 107 | | | | | |
| SS76A 10 + TR875 55KW | 10 | 55 | 75 | 107 | 277 | 263 | 245 | 234 | 221 | 206 | 190 | 170 | 147 | 119 | | | | | |
| SS76A 11 + TR8100 75KW | 11 | 75 | 100 | 143 | 304 | 289 | 270 | 257 | 243 | 227 | 209 | 187 | 162 | 131 | | | | | |
| SS76A 12 + TR8100 75KW | 12 | 75 | 100 | 143 | 332 | 316 | 294 | 281 | 265 | 248 | 228 | 204 | 176 | 143 | | | | | |
| SS76A 13 + TR8100 75KW | 13 | 75 | 100 | 143 | 360 | 342 | 319 | 304 | 287 | 268 | 247 | 221 | 191 | 155 | | | | | |
| SS76A 14 + TR8125 92KW | 14 | 92 | 125 | 175 | 387 | 368 | 343 | 327 | 309 | 289 | 266 | 238 | 206 | 167 | | | | | |
| SS76A 15 + TR8125 92KW | 15 | 92 | 125 | 175 | 415 | 395 | 368 | 351 | 332 | 310 | 285 | 255 | 220 | 179 | | | | | |

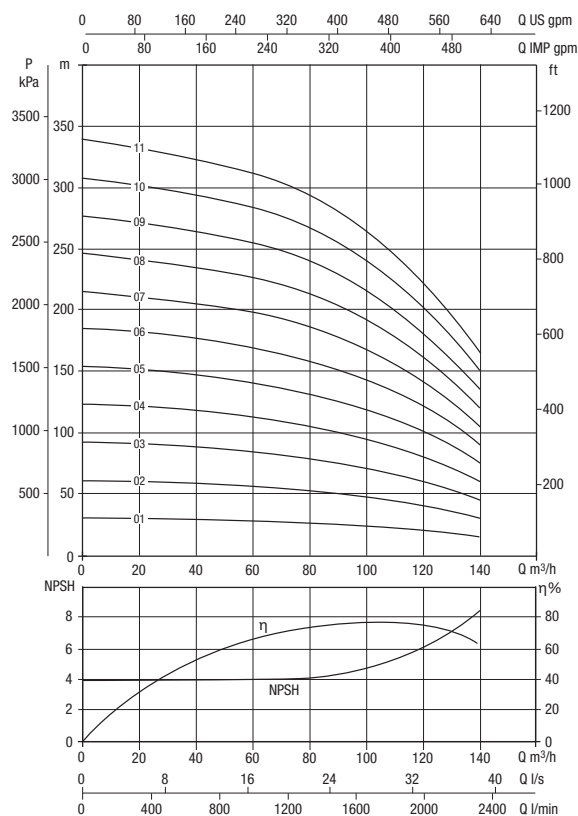
TECHNICAL DATA - SS76B

| MODEL | NUMBER OF STAGE | In 460 V (A) | P2 NOMINAL | | Q (m³/h) (l/min) | H (m) | | | | | | | | | | | | | |
|--------------------------|-----------------|--------------|------------|------|---------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|--|--|--|
| | | | kW | HP | | 0 | 40 | 70 | 80 | 90 | 100 | 110 | 120 | 130 | 140 | | | | |
| SS76B 01 + 6GF - 9,2 kW | 1 | 20,6 | 9,2 | 12,5 | 31 | 30 | 27 | 26 | 25 | 24 | 22 | 21 | 18 | 15 | | | | | |
| SS76B 02 + 6GF - 18,5 kW | 2 | 40 | 18,5 | 25 | 61 | 60 | 54 | 53 | 50 | 48 | 45 | 41 | 36 | 29 | | | | | |
| SS76B 03 + 6GF - 30 kW | 3 | 62 | 30 | 40 | 92 | 90 | 82 | 79 | 76 | 72 | 67 | 62 | 54 | 44 | | | | | |
| SS76B 04 + 6GF - 37 kW | 4 | 77 | 37 | 50 | 123 | 119 | 109 | 105 | 101 | 96 | 90 | 82 | 72 | 59 | | | | | |
| SS76B 05 + TR860 45kW | 5 | 88 | 45 | 60 | 153 | 149 | 136 | 131 | 126 | 120 | 112 | 103 | 90 | 73 | | | | | |
| SS76B 06 + TR875 55KW | 6 | 107 | 55 | 75 | 184 | 179 | 163 | 158 | 151 | 144 | 135 | 123 | 108 | 88 | | | | | |
| SS76B 07 + TR885 63KW | 7 | 120 | 63 | 85 | 215 | 209 | 191 | 184 | 176 | 168 | 157 | 144 | 126 | 103 | | | | | |
| SS76B 08 + TR8100 75KW | 8 | 143 | 75 | 100 | 245 | 239 | 218 | 210 | 202 | 192 | 179 | 164 | 144 | 117 | | | | | |
| SS76B 09 + TR8100 75KW | 9 | 143 | 75 | 100 | 276 | 269 | 245 | 236 | 227 | 216 | 202 | 185 | 162 | 132 | | | | | |
| SS76B 10 + TR8125 92KW | 10 | 175 | 92 | 125 | 307 | 298 | 272 | 263 | 252 | 240 | 224 | 205 | 180 | 147 | | | | | |
| SS76B 11 + TR8125 92KW | 11 | 175 | 92 | 125 | 337 | 328 | 300 | 289 | 277 | 263 | 247 | 226 | 198 | 161 | | | | | |

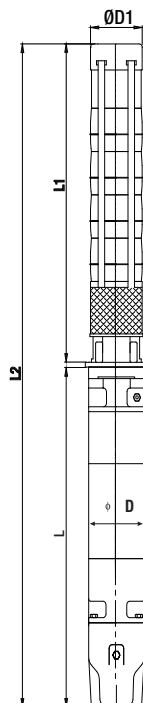
SS76 A



SS76 B



DIMENSIONS AND WEIGHTS



DIMENSIONS AND WEIGHTS - SS76A

| MODEL | L1 (mm) | L (mm) | L2 (mm) | D (mm) | D1 (mm) | Tot. WEIGHT (kg) |
|--------------------------|---------|--------|---------|--------|---------|------------------|
| SS76A 01 + 6GF - 5,5 kW | 571 | 631 | 1202 | 141 | 172 | 68,6 |
| SS76A 02 + 6GF - 11 kW | 699 | 730 | 1429 | 141 | 172 | 83 |
| SS76A 03 + 6GF - 18,5 kW | 827 | 860 | 1687 | 141 | 172 | 101 |
| SS76A 04 + 6GF - 22 kW | 955 | 920 | 1875 | 141 | 172 | 108,6 |
| SS76A 05 + 6GF - 30 kW | 1083 | 1050 | 2133 | 141 | 172 | 128,8 |
| SS76A 06 + 6GF - 37 kW | 1211 | 1180 | 2391 | 141 | 172 | 144,8 |
| SS76A 07 + 6GF - 37 kW | 1339 | 1180 | 2519 | 141 | 172 | 148,8 |
| SS76A 08 + TR860 45kW | 1467 | 1270 | 2737 | 192 | 172 | 231 |
| SS76A 09 + TR875 55KW | 1595 | 1350 | 2945 | 192 | 172 | 250 |
| SS76A 10 + TR875 55KW | 1723 | 1350 | 3073 | 192 | 172 | 254 |
| SS76A 11 + TR8100 75KW | 1851 | 1590 | 3441 | 192 | 172 | 303 |
| SS76A 12 + TR8100 75KW | 1979 | 1590 | 3569 | 192 | 172 | 307 |
| SS76A 13 + TR8100 75KW | 2107 | 1590 | 3697 | 192 | 172 | 311 |
| SS76A 14 + TR8125 92KW | 2235 | 1830 | 4065 | 192 | 172 | 361 |
| SS76A 15 + TR8125 92KW | 2363 | 1830 | 4193 | 192 | 172 | 365 |

SS76

7" SUBMERSIBLE PUMPS

DIMENSIONS AND WEIGHTS - SS76B

| MODEL | L1 (mm) | L (mm) | L2 (mm) | D (mm) | D1 (mm) | Tot. WEIGHT (kg) |
|--------------------------|---------|--------|---------|--------|---------|------------------|
| SS76B 01 + 6GF - 9,2 kW | 571 | 685 | 1256 | 141 | 172 | 74,6 |
| SS76B 02 + 6GF - 18,5 kW | 699 | 860 | 1559 | 141 | 172 | 97 |
| SS76B 03 + 6GF - 30 kW | 827 | 1050 | 1877 | 141 | 172 | 119,2 |
| SS76B 04 + 6GF - 37 kW | 955 | 1180 | 2135 | 141 | 172 | 135,6 |
| SS76B 05 + TR860 45kW | 1083 | 1270 | 2353 | 192 | 172 | 219 |
| SS76B 06 + TR875 55KW | 1211 | 1350 | 2561 | 192 | 172 | 238 |
| SS76B 07 + TR885 63KW | 1339 | 1490 | 2829 | 192 | 172 | 268 |
| SS76B 08 + TR8100 75KW | 1467 | 1590 | 3057 | 192 | 172 | 291 |
| SS76B 09 + TR8100 75KW | 1595 | 1590 | 3185 | 192 | 172 | 295 |
| SS76B 10 + TR8125 92KW | 1723 | 1830 | 3553 | 192 | 172 | 345 |
| SS76B 11 + TR8125 92KW | 1851 | 1830 | 3681 | 192 | 172 | 349 |

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

SS86

8" SUBMERSIBLE PUMPS



CE Multistage **semiaxial** submersible electric pumps for wells measuring 8" or above, able to generate a broad range of flow rates. These units are used extensively for lifting, distribution, and pressurisation in civil and industrial water systems, filling of booster pumps and tanks, fire-fighting systems and washing of irrigation systems.

Application with clean, non-aggressive water free from solids or abrasive substances.

Construction features of the pump

Pump body and impellers in pressed AISI 304 stainless steel.

Pump with check valve of low pressure loss.

For operation with inverter see the specifications of the coupled motor.

On request

- **Pump body:** in pressed AISI 316 stainless steel for use in aggressive water

- **Impellers:** in pressed AISI 316 stainless steel for use in aggressive water

Performance range

flow up to 210 m³/h and max head of 555 m

Max. quantity of sand/silt 50g/m³

Max. ambient temperature

30°C (50°C available on request)

Outlet connection diameter (inside threaded) 6"

Coupling with motors of 6", 8" or 10" depending on the required hydraulic power, and available in standard or stainless steel version:

6GF: encapsulated 6" submersible motor.

TR6: rewindable 6" submersible motor.

TR8: rewindable 8" submersible motor.

TR10: rewindable 10" submersible motor.

TECHNICAL DATA - SS86A

| MODEL | NUMBER OF STAGE | P2 NOMINAL | | In 460 V (A) | Q (m ³ /h) (l/sec) | H (m) | | | | | | | | | | | | | |
|--------------------------|-----------------|------------|-----|--------------|----------------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|--|--|--|
| | | KW | HP | | | 0 | 50 | 65 | 80 | 95 | 110 | 125 | 140 | 155 | 170 | | | | |
| SS86A 01 + 6GF - 15 kW | 1 | 15 | 20 | 30,8 | 40 | 36 | 35 | 33 | 32 | 30 | 27 | 25 | 21 | 17 | | | | | |
| SS86A 02 + 6GF - 30 kW | 2 | 30 | 40 | 62 | 80 | 72 | 70 | 67 | 63 | 59 | 55 | 49 | 42 | 34 | | | | | |
| SS86A 03 + 6GF - 37 kW | 3 | 37 | 50 | 77 | 120 | 108 | 104 | 100 | 95 | 89 | 82 | 74 | 64 | 51 | | | | | |
| SS86A 04 + TR860 45kW | 4 | 45 | 60 | 88 | 160 | 145 | 139 | 133 | 127 | 119 | 110 | 98 | 85 | 68 | | | | | |
| SS86A 05 + TR885 63KW | 5 | 63 | 85 | 120 | 200 | 181 | 174 | 167 | 158 | 149 | 137 | 123 | 106 | 85 | | | | | |
| SS86A 06 + TR8100 75KW | 6 | 75 | 100 | 143 | 240 | 217 | 209 | 200 | 190 | 178 | 164 | 147 | 127 | 102 | | | | | |
| SS86A 07 + TR8125 92KW | 7 | 92 | 125 | 175 | 280 | 253 | 244 | 233 | 222 | 208 | 192 | 172 | 148 | 119 | | | | | |
| SS86A 08 + TR8125 92KW | 8 | 92 | 125 | 175 | 320 | 289 | 279 | 267 | 253 | 238 | 219 | 197 | 169 | 136 | | | | | |
| SS86A 09 + TR8150 110KW | 9 | 110 | 150 | 210 | 360 | 325 | 313 | 300 | 285 | 267 | 246 | 221 | 191 | 153 | | | | | |
| SS86A 10 + TR8150 110KW | 10 | 110 | 150 | 210 | 400 | 361 | 348 | 334 | 317 | 297 | 274 | 246 | 212 | 170 | | | | | |
| SS86A 11 + TR10180 132KW | 11 | 132 | 180 | 252 | 440 | 398 | 383 | 367 | 348 | 327 | 301 | 270 | 233 | 187 | | | | | |
| SS86A 12 + TR10180 132KW | 12 | 132 | 180 | 252 | 480 | 434 | 418 | 400 | 380 | 357 | 329 | 295 | 254 | 204 | | | | | |
| SS86A 13 + TR10200 147KW | 13 | 147 | 200 | 290 | 520 | 470 | 453 | 434 | 412 | 386 | 356 | 319 | 275 | 222 | | | | | |
| SS86A 14 + TR10230 170KW | 14 | 170 | 230 | 338 | 560 | 506 | 488 | 467 | 444 | 416 | 383 | 344 | 296 | 239 | | | | | |
| SS86A 15 + TR10230 170KW | 15 | 170 | 230 | 338 | 599 | 542 | 522 | 500 | 475 | 446 | 411 | 369 | 318 | 256 | | | | | |

TECHNICAL DATA - SS86B

| MODEL | NUMBER OF STAGE | P2 NOMINAL | | In 460 V (A) | Q (m³/h) (l/sec) | 0 | 40 | 60 | 80 | 100 | 120 | 140 | 160 | 180 | 200 |
|-----------------------------|-----------------|------------|-----|--------------|---------------------|-----|------|------|------|------|------|------|------|-----|------|
| | | kW | HP | | | 0 | 11,1 | 16,7 | 22,2 | 27,8 | 33,3 | 38,9 | 44,4 | 50 | 55,6 |
| SS86B 01 + 6GF - 18,5 kW | 1 | 18,5 | 25 | 40 | H (m) | 47 | 45 | 43 | 41 | 39 | 37 | 35 | 32 | 28 | 22 |
| SS86B 02.B1 + 6GF - 30 kW | 2 | 30 | 40 | 62 | | 83 | 79 | 76 | 73 | 69 | 66 | 61 | 56 | 49 | 39 |
| SS86B 03.B1 + TR860 45kW | 3 | 45 | 60 | 88 | | 130 | 123 | 119 | 114 | 108 | 103 | 96 | 88 | 76 | 61 |
| SS86B 03 + TR875 55KW | 3 | 55 | 75 | 107 | | 141 | 134 | 129 | 124 | 118 | 112 | 104 | 95 | 83 | 66 |
| SS86B 04 + TR8100 75KW | 4 | 75 | 100 | 143 | | 188 | 179 | 172 | 165 | 157 | 149 | 139 | 127 | 111 | 88 |
| SS86B 05.B1 + TR8100 75KW | 5 | 75 | 100 | 143 | | 224 | 213 | 205 | 196 | 187 | 177 | 166 | 151 | 132 | 105 |
| SS86B05 + TR8125 92KW | 5 | 92 | 125 | 175 | | 235 | 223 | 215 | 206 | 196 | 186 | 174 | 159 | 138 | 111 |
| SS86B 06 + TR8125 92KW | 6 | 92 | 125 | 175 | | 282 | 268 | 258 | 247 | 236 | 223 | 209 | 190 | 166 | 133 |
| SS86B 07 + TR8150 110KW | 7 | 110 | 150 | 210 | | 329 | 313 | 301 | 288 | 275 | 260 | 243 | 222 | 194 | 155 |
| SS86B 08 + TR10180 132KW | 8 | 132 | 180 | 252 | | 376 | 357 | 344 | 329 | 314 | 298 | 278 | 254 | 221 | 177 |
| SS86B 09.B2 + TR10180 132KW | 9 | 132 | 180 | 252 | | 400 | 381 | 366 | 351 | 334 | 317 | 296 | 270 | 236 | 188 |
| SS86B 09 + TR10200 147KW | 9 | 147 | 200 | 290 | 423 | 402 | 387 | 371 | 353 | 335 | 313 | 286 | 249 | 199 | |
| SS86B10.B2 + TR10200 147KW | 10 | 147 | 200 | 290 | 447 | 425 | 409 | 392 | 374 | 354 | 331 | 302 | 263 | 210 | |
| SS86B 10 + TR10230 170KW | 10 | 170 | 230 | 338 | 470 | 447 | 430 | 412 | 393 | 372 | 348 | 317 | 277 | 221 | |
| SS86B11 + TR10230 170KW | 11 | 170 | 230 | 338 | 517 | 491 | 473 | 453 | 432 | 409 | 383 | 349 | 304 | 243 | |

TECHNICAL DATA - SS86C

| MODEL | NUMBER OF STAGE | P2 NOMINAL | | In 460 V (A) | Q (m³/h) (l/sec) | 0 | 50 | 110 | 130 | 150 | 170 | 190 | 210 | 230 | 250 |
|--------------------------|-----------------|------------|-----|--------------|---------------------|-----|------|------|------|------|------|------|------|------|------|
| | | kW | HP | | | 0 | 13,9 | 30,6 | 36,1 | 41,7 | 47,2 | 52,8 | 58,3 | 63,9 | 69,4 |
| SS86C 01 + 6GF - 22 kW | 1 | 22 | 30 | 49,8 | H (m) | 43 | 41 | 35 | 33 | 32 | 30 | 27 | 24 | 21 | 16 |
| SS86C 02 + 6GF - 37 kW | 2 | 37 | 50 | 77 | | 86 | 82 | 70 | 66 | 63 | 59 | 55 | 49 | 41 | 32 |
| SS86C 03 + TR875 55KW | 3 | 55 | 75 | 107 | | 130 | 123 | 105 | 100 | 95 | 89 | 82 | 73 | 62 | 48 |
| SS86C 04 + TR8100 75KW | 4 | 75 | 100 | 143 | | 173 | 163 | 140 | 133 | 126 | 119 | 110 | 98 | 83 | 64 |
| SS86C 05 + TR8125 92KW | 5 | 92 | 125 | 175 | | 216 | 204 | 175 | 166 | 158 | 149 | 137 | 122 | 103 | 80 |
| SS86C 06 + TR8150 110KW | 6 | 110 | 150 | 210 | | 259 | 245 | 210 | 199 | 189 | 178 | 164 | 147 | 124 | 96 |
| SS86C 07 + TR10180 132KW | 7 | 132 | 180 | 252 | | 302 | 286 | 245 | 233 | 221 | 208 | 192 | 171 | 144 | 113 |
| SS86C 08 + TR10200 147KW | 8 | 147 | 200 | 290 | | 346 | 327 | 280 | 266 | 252 | 238 | 219 | 196 | 165 | 129 |
| SS86C 09 + TR10230 170KW | 9 | 170 | 230 | 338 | | 389 | 368 | 315 | 299 | 284 | 267 | 247 | 220 | 186 | 145 |

SS86

8" SUBMERSIBLE PUMPS

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

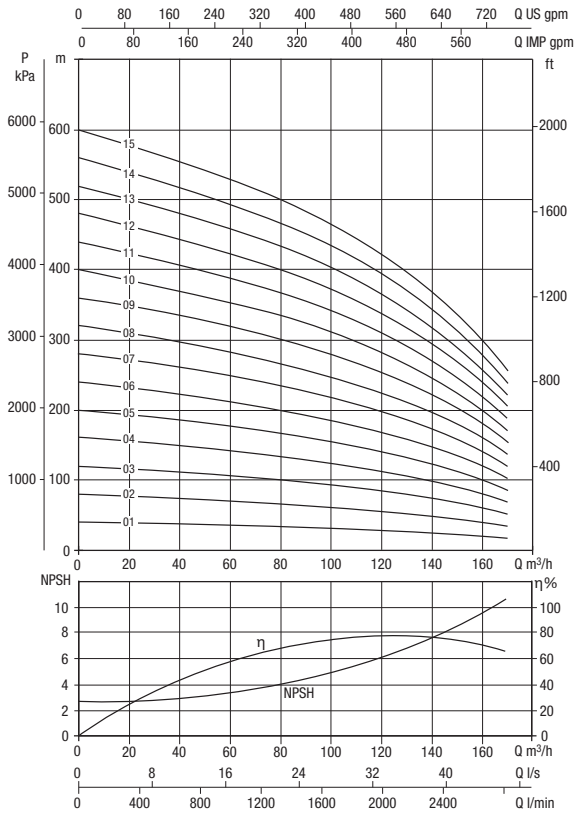
CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

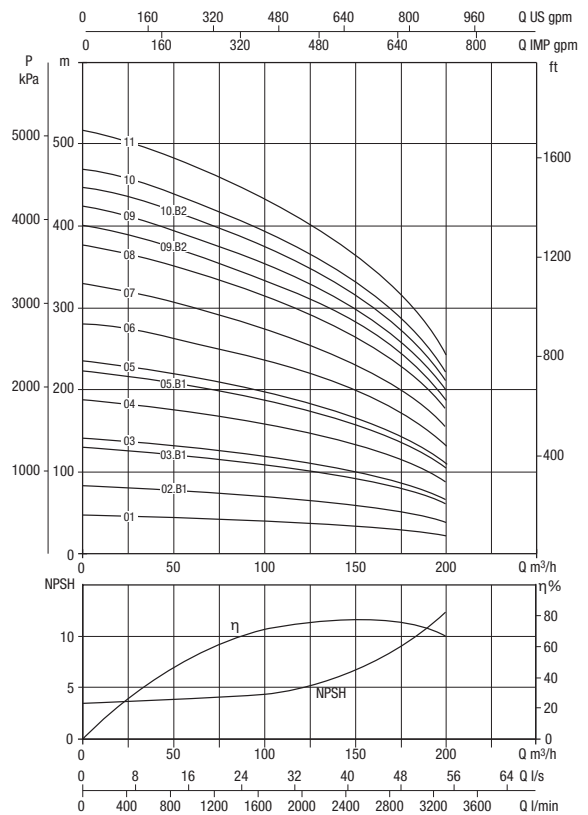
SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

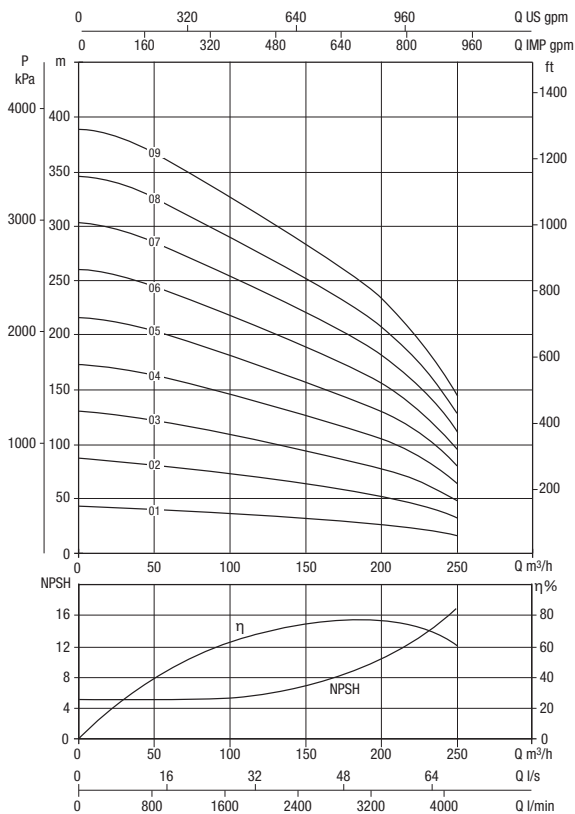
SS86 A



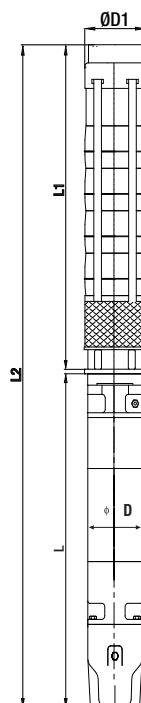
SS86 B



SS86 C



DIMENSIONS AND WEIGHTS



DIMENSIONS AND WEIGHTS - SS86A

| MODEL | L1 (mm) | L (mm) | L2 (mm) | D (mm) | D1 (mm) | Tot. WEIGHT (kg) |
|--------------------------|---------|--------|---------|--------|---------|------------------|
| SS86A 01 + 6GF - 15 kW | 686 | 785 | 1471 | 141 | 213 | 91 |
| SS86A 02 + 6GF - 30 kW | 842 | 1050 | 1892 | 141 | 213 | 124,8 |
| SS86A 03 + 6GF - 37 kW | 997 | 1180 | 2177 | 141 | 213 | 143,8 |
| SS86A 04 + TR860 45kW | 1153 | 1270 | 2423 | 192 | 213 | 228 |
| SS86A 05 + TR885 63KW | 1309 | 1490 | 2799 | 192 | 213 | 275 |
| SS86A 06 + TR8100 75KW | 1465 | 1590 | 3055 | 192 | 213 | 301 |
| SS86A 07 + TR8125 92KW | 1620 | 1830 | 3450 | 192 | 213 | 353 |
| SS86A 08 + TR8125 92KW | 1776 | 1830 | 3606 | 192 | 213 | 359 |
| SS86A 09 + TR8150 110KW | 1932 | 2060 | 3992 | 192 | 213 | 416 |
| SS86A 10 + TR8150 110KW | 2087 | 2060 | 4147 | 192 | 213 | 422 |
| SS86A 11 + TR10180 132KW | 2243 | 1870 | 4113 | 232 | 213 | 530 |
| SS86A 12 + TR10180 132KW | 2399 | 1870 | 4269 | 232 | 213 | 536 |
| SS86A 13 + TR10200 147KW | 2554 | 2070 | 4624 | 232 | 213 | 608 |
| SS86A 14 + TR10230 170KW | 2710 | 2220 | 4930 | 232 | 213 | 654 |
| SS86A 15 + TR10230 170KW | 2866 | 2220 | 5086 | 232 | 213 | 660 |

DIMENSIONS AND WEIGHTS - SS86B

| MODEL | L1 (mm) | L (mm) | L2 (mm) | D (mm) | D1 (mm) | Tot. WEIGHT (kg) |
|-----------------------------|---------|--------|---------|--------|---------|------------------|
| SS86B 01 + 6GF - 18,5 kW | 686 | 860 | 1546 | 141 | 213 | 99 |
| SS86B 02.B1 + 6GF - 30 kW | 842 | 1050 | 1892 | 141 | 213 | 125,8 |
| SS86B 03.B1 + TR860 45kW | 997 | 1270 | 2267 | 192 | 213 | 222 |
| SS86B 03 + TR875 55KW | 997 | 1350 | 2347 | 192 | 213 | 237 |
| SS86B 04 + TR8100 75KW | 1153 | 1590 | 2743 | 192 | 213 | 289 |
| SS86B 05.B1 + TR8100 75KW | 1309 | 1590 | 2899 | 192 | 213 | 295 |
| SS86B05 + TR8125 92KW | 1309 | 1830 | 3139 | 192 | 213 | 341 |
| SS86B 06 + TR8125 92KW | 1465 | 1830 | 3295 | 192 | 213 | 348 |
| SS86B 07 + TR8150 110KW | 1620 | 2060 | 3680 | 192 | 213 | 404 |
| SS86B 08 + TR10180 132KW | 1776 | 1870 | 3646 | 232 | 213 | 513 |
| SS86B 09.B2 + TR10180 132KW | 1932 | 1870 | 3802 | 232 | 213 | 519 |
| SS86B 09 + TR10200 147KW | 1932 | 2070 | 4002 | 232 | 213 | 584 |
| SS86B10.B2 + TR10200 147KW | 2087 | 2070 | 4157 | 232 | 213 | 591 |
| SS86B 10 + TR10230 170KW | 2087 | 2220 | 4307 | 232 | 213 | 631 |
| SS86B11 + TR10230 170KW | 2243 | 2220 | 4463 | 232 | 213 | 637 |

DIMENSIONS AND WEIGHTS - SS86C

| MODEL | L1 (mm) | L (mm) | L2 (mm) | D (mm) | D1 (mm) | Tot. WEIGHT (kg) |
|-------------------------|---------|--------|---------|--------|---------|------------------|
| SS8C 01 + 6GF - 22 kW | 686 | 920 | 1606 | 141 | 226 | 104,6 |
| SS8C 02 + 6GF - 37 kW | 842 | 1180 | 2022 | 141 | 226 | 138,8 |
| SS8C 03 + TR875 55KW | 997 | 1490 | 2487 | 192 | 226 | 239 |
| SS8C 04 + TR8100 75KW | 1153 | 1590 | 2743 | 192 | 226 | 290 |
| SS8C 05 + TR8125 92KW | 1309 | 1830 | 3139 | 192 | 226 | 343 |
| SS8C 06 + TR8150 110KW | 1465 | 2060 | 3525 | 192 | 226 | 399 |
| SS8C 07 + TR10180 132KW | 1620 | 1870 | 3490 | 232 | 226 | 508 |
| SS8C 08 + TR10200 147KW | 1776 | 2070 | 3846 | 232 | 226 | 579 |
| SS8C 09 + TR10230 170KW | 1932 | 2220 | 4152 | 232 | 226 | 626 |

SS106

10" SUBMERSIBLE PUMPS



CE Multistage **semiaxial** submersible electric pumps for wells measuring 10" or above, able to generate a broad range of flow rates. These units are used extensively for lifting, distribution, and pressurisation in civil and industrial water systems, filling of booster pumps and tanks, fire-fighting systems and washing of irrigation systems.
Application with clean, non-aggressive water free from solids or abrasive substances.

Construction features of the pump

Pump body and impellers in pressed AISI 304 stainless steel.
Pump with check valve of low pressure loss.

For operation with inverter see the specifications of the coupled motor.

On request

- **Pump body:** in pressed AISI 316 stainless steel for use in aggressive water.
- **Impellers:** in pressed AISI 316 stainless steel for use in aggressive water

Performance range

flow up to 290 m³/h and max head of 385 m

Max. quantity of sand/silt 50g/m³

Max. ambient temperature

30°C (50°C available on request)

Outlet connection diameter (inside threaded) 6"

Coupling with motors of 6", 8" or 10" depending on the required hydraulic power, and available in standard version or a version completely in stainless steel.

6GF: encapsulated 6" submersible motor.

TR6: rewindable 6" submersible motor.

TR8: rewindable 8" submersible motor.

TR10: rewindable 10" submersible motor.

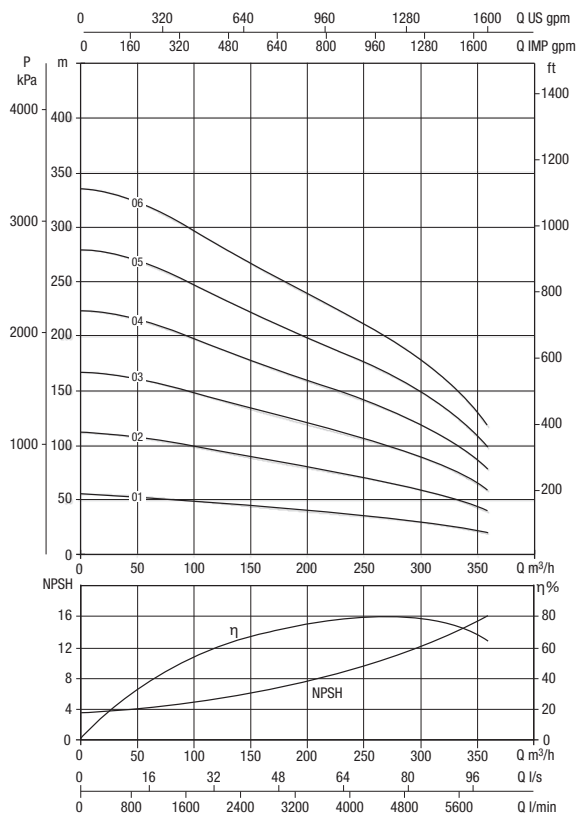
TECHNICAL DATA - SS106A

| MODEL | NUMBER OF STAGE | P2 NOMINAL | | In 460 V (A) | Q (m ³ /h) (l/sec) | 0 | 100 | 180 | 220 | 240 | 260 | 280 | 300 | 320 | 360 |
|---------------------------|-----------------|------------|-----|--------------|----------------------------------|-------|-----|------|------|------|------|------|------|------|------|
| | | KW | HP | | | H (m) | 0 | 27,8 | 50,0 | 61,1 | 66,7 | 72,2 | 77,8 | 83,3 | 88,9 |
| SS106A 01 + 6GF - 30 kW | 1 | 30 | 40 | 62 | H (m) | 56 | 49 | 41 | 38 | 36 | 34 | 32 | 30 | 27 | 19 |
| SS106A 02 + TR885 63KW | 2 | 63 | 85 | 120 | | 112 | 99 | 83 | 76 | 72 | 69 | 65 | 60 | 54 | 39 |
| SS106A 03 + TR8125 92KW | 3 | 92 | 125 | 175 | | 167 | 148 | 124 | 114 | 108 | 103 | 97 | 89 | 80 | 58 |
| SS106A 04 + TR8150 110KW | 4 | 110 | 150 | 210 | | 223 | 198 | 166 | 151 | 145 | 137 | 129 | 119 | 107 | 78 |
| SS106A 05 + TR10200 147KW | 5 | 147 | 200 | 290 | | 279 | 247 | 207 | 189 | 181 | 172 | 161 | 149 | 134 | 97 |
| SS106A 06 + TR10230 170KW | 6 | 170 | 230 | 338 | | 335 | 297 | 249 | 227 | 217 | 206 | 194 | 179 | 161 | 117 |

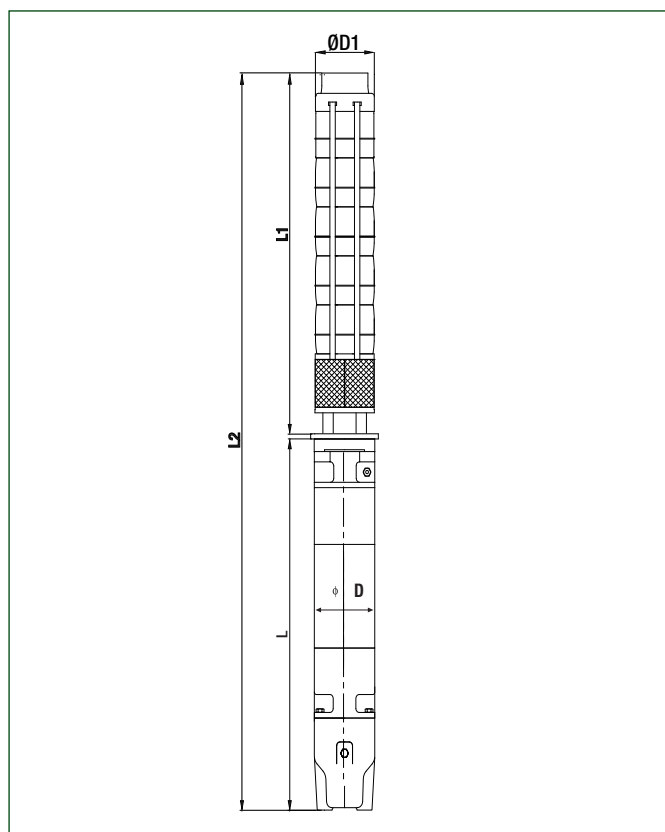
SS106

10" SUBMERSIBLE PUMPS

SS106 A



DIMENSIONS AND WEIGHTS



DIMENSIONS AND WEIGHTS - SS106A

| MODEL | L1 (mm) | L (mm) | L2 (mm) | D (mm) | D1 (mm) | Tot. WEIGHT (kg) |
|---------------------------|---------|--------|---------|--------|---------|------------------|
| SS106A 01 + 6GF - 30 kW | 794 | 1050 | 1844 | 141 | 247 | 130,8 |
| SS106A 02 + TR885 63KW | 970 | 1490 | 2460 | 192 | 247 | 273 |
| SS106A 03 + TR8125 92KW | 1147 | 1830 | 2977 | 192 | 247 | 349 |
| SS106A 04 + TR8150 110KW | 1323 | 2060 | 3383 | 192 | 247 | 409 |
| SS106A 05 + TR10200 147KW | 1499 | 2070 | 3569 | 232 | 247 | 587 |
| SS106A 06 + TR10230 170KW | 1675 | 2220 | 3895 | 232 | 247 | 638 |

6GF / 6GX

6" SUBMERSIBLE MOTORS



CE 6-inch submersible motors designed for pressure boosting, gardening and irrigation, drawing water from subsoil in civil and commercial applications and for using water in irrigation systems also in agriculture.

6GX model:

- made of AISI 316 stainless steel.
- with SiC/SiC mechanical seal.

6GF model:

- made of AISI 304 and cast iron protected with an electrophoretic paint coating for the part submerged in water.

Encapsulated and resin-filled stator. Cooled and lubricated with a mixture of water and glycol. Combined with the pump body, it is able to draw water from wells of at least 6" (or tanks and cisterns). Single-phase versions to be combined with an external panel that integrates the capacitor and the manually resettable

overload protection. Different versions are available with the addition, during installation, of the PT100 or PTC temperature sensor which can also come with star-delta start-up.

Flanging NEMA 6".

Insulation class F.

Protection class IP68.

Cooling flow speed min. 0,3 m/s 35 °C.

Power supply tolerance + 6 % / -10 %.

Max. starts 25/h.

Max operating depth 300 m.

Horizontal operation 5,5 HP - 50 HP.

On request cables of a different length, different power input voltages, single-phase version (up to 15 HP).

TECHNICAL DATA - 6GF / 6GX Direct Starting

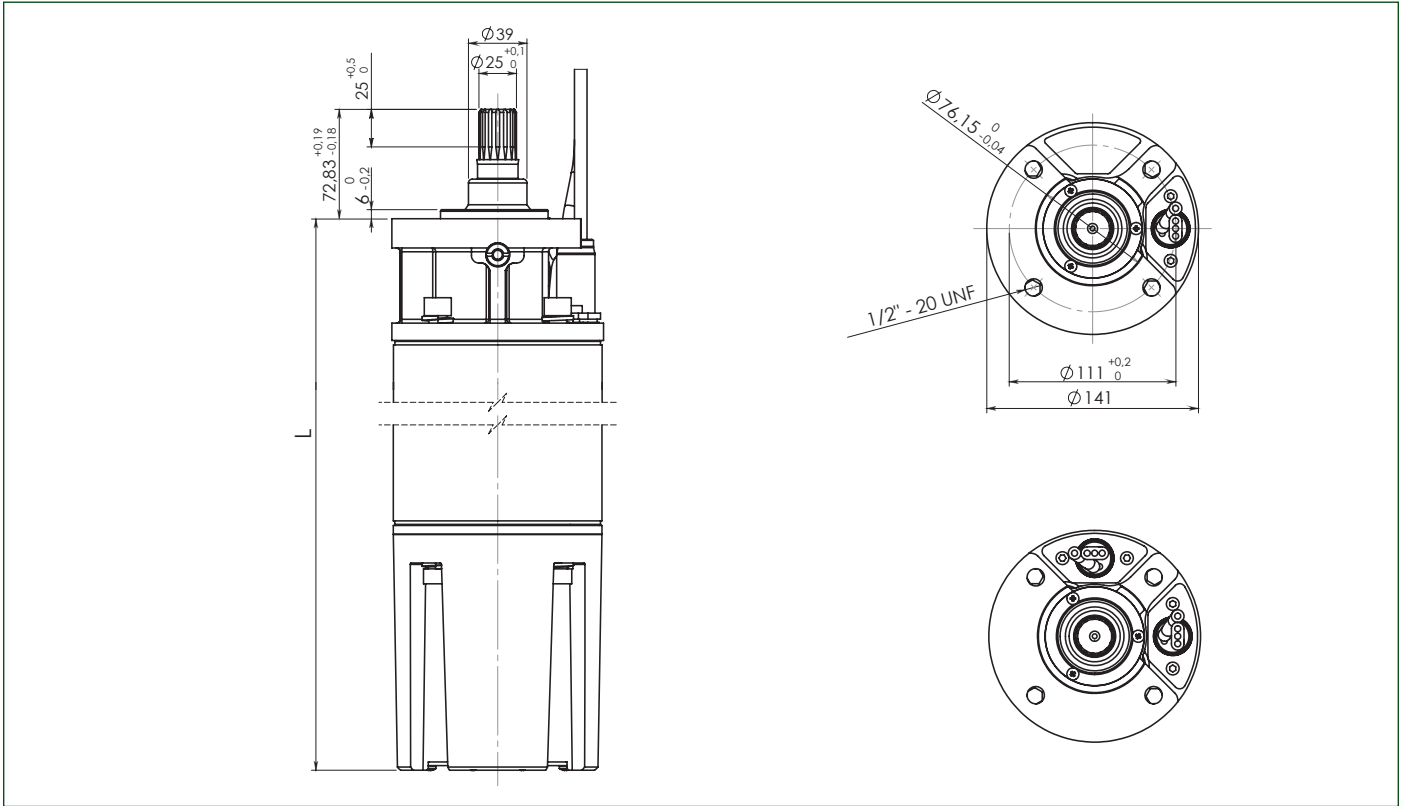
| MODEL | P2 | | V (V) | SF | In (A) | In (SF) (A) | P1 (W) | N (min ⁻¹) | Cos φ | η % | START* | Empuje axial (N) | CABLE | |
|---------------|------|------|----------|------|-----------|----------------|-----------|---------------------------|-------|--------|--------|---------------------|-------------------------|-----------|
| | (hp) | (kW) | | | | | | | | | | | Ø (mm ²) | LC (m) |
| | | | | | | | | | | | | | | |
| 6GF - 4 kW | 5,5 | 4 | 3 ~ 230 | 1,15 | 18,5 | 20,0 | 5700 | 3470 | 0,77 | 70 | Δ | 16000 | 4x4 | 4 |
| | | | 3 ~ 380 | 1,15 | 10,7 | 11,6 | 5700 | 3470 | 0,81 | 70 | Y | 16000 | 4x4 | 4 |
| | | | 3 ~ 460 | 1,15 | 8,6 | 9,5 | 5700 | 3470 | 0,83 | 70 | Y | 16000 | 4x4 | 4 |
| | | | 3 ~ 575 | 1,15 | 6,9 | 7,6 | 5700 | 3470 | 0,83 | 70 | Y | 16000 | 4x4 | 4 |
| 6GF - 5,5 kW | 7,5 | 5,5 | 3 ~ 230 | 1,15 | 24,0 | 26,6 | 7400 | 3470 | 0,77 | 74 | Δ | 16000 | 4x4 | 4 |
| | | | 3 ~ 380 | 1,15 | 14,5 | 16,1 | 7400 | 3470 | 0,78 | 74 | Y | 16000 | 4x4 | 4 |
| | | | 3 ~ 460 | 1,15 | 12,0 | 13,3 | 7400 | 3470 | 0,77 | 74 | Y | 16000 | 4x4 | 4 |
| | | | 3 ~ 575 | 1,15 | 9,6 | 10,6 | 7400 | 3470 | 0,77 | 74 | Y | 16000 | 4x4 | 4 |
| 6GF - 7,5 kW | 10 | 7,5 | 3 ~ 230 | 1,15 | 34,0 | 37,0 | 9900 | 3465 | 0,73 | 76 | Δ | 16000 | 4x4 | 4 |
| | | | 3 ~ 380 | 1,15 | 18,0 | 20,0 | 9900 | 3465 | 0,84 | 76 | Y | 16000 | 4x4 | 4 |
| | | | 3 ~ 460 | 1,15 | 15,0 | 16,5 | 9900 | 3465 | 0,83 | 76 | Y | 16000 | 4x4 | 4 |
| | | | 3 ~ 575 | 1,15 | 12,0 | 13,2 | 9900 | 3465 | 0,83 | 76 | Y | 16000 | 4x4 | 4 |
| 6GF - 9,2 kW | 12,5 | 9,3 | 3 ~ 230 | 1,15 | 37,4 | 41,2 | 11650 | 3470 | 0,78 | 80 | Δ | 16000 | 4x4 | 4 |
| | | | 3 ~ 380 | 1,15 | 22,6 | 25,0 | 11650 | 3470 | 0,78 | 80 | Y | 16000 | 4x4 | 4 |
| | | | 3 ~ 460 | 1,15 | 18,7 | 20,6 | 11650 | 3470 | 0,78 | 80 | Y | 16000 | 4x4 | 4 |
| | | | 3 ~ 575 | 1,15 | 15,0 | 16,5 | 11650 | 3470 | 0,78 | 80 | Y | 16000 | 4x4 | 4 |
| 6GF - 11 kW | 15 | 11 | 3 ~ 230 | 1,15 | 50,0 | 54,0 | 13400 | 3480 | 0,67 | 82 | Δ | 16000 | 4x6 | 4 |
| | | | 3 ~ 380 | 1,15 | 25,4 | 28,2 | 13400 | 3480 | 0,80 | 82 | Y | 16000 | 4x4 | 4 |
| | | | 3 ~ 460 | 1,15 | 21,0 | 23,3 | 13400 | 3480 | 0,80 | 82 | Y | 16000 | 4x4 | 4 |
| | | | 3 ~ 575 | 1,15 | 16,8 | 18,6 | 13400 | 3480 | 0,80 | 82 | Y | 16000 | 4x4 | 4 |
| 6GF - 15 kW | 20 | 15 | 3 ~ 230 | 1,15 | 63,0 | 68,0 | 18200 | 3475 | 0,73 | 82 | Δ | 16000 | 4x6 | 4 |
| | | | 3 ~ 380 | 1,15 | 33,4 | 37,3 | 18200 | 3475 | 0,83 | 82 | Y | 16000 | 4x4 | 4 |
| | | | 3 ~ 460 | 1,15 | 27,6 | 30,8 | 18200 | 3475 | 0,83 | 82 | Y | 16000 | 4x4 | 4 |
| | | | 3 ~ 575 | 1,15 | 22,1 | 24,6 | 18200 | 3475 | 0,83 | 82 | Y | 16000 | 4x4 | 4 |
| 6GF - 18,5 kW | 25 | 18,5 | 3 ~ 230 | 1,15 | 73,4 | 80,0 | 22200 | 3475 | 0,76 | 83 | Δ | 16000 | 4x8 | 4 |
| | | | 3 ~ 380 | 1,15 | 44,4 | 48,4 | 22200 | 3475 | 0,76 | 83 | Y | 16000 | 4x6 | 4 |
| | | | 3 ~ 460 | 1,15 | 36,7 | 40,0 | 22200 | 3475 | 0,76 | 83 | Y | 16000 | 4x6 | 4 |
| | | | 3 ~ 575 | 1,15 | 29,3 | 32,0 | 22200 | 3475 | 0,76 | 83 | Y | 16000 | 4x6 | 4 |
| 6GF - 22 kW | 30 | 22 | 3 ~ 230 | 1,15 | 95,0 | 105,0 | 26500 | 3480 | 0,70 | 83 | Δ | 16000 | 4x8 | 4 |
| | | | 3 ~ 380 | 1,15 | 54,1 | 60,2 | 26500 | 3480 | 0,75 | 83 | Y | 16000 | 4x6 | 4 |
| | | | 3 ~ 460 | 1,15 | 44,7 | 49,8 | 26500 | 3480 | 0,74 | 83 | Y | 16000 | 4x6 | 4 |
| | | | 3 ~ 575 | 1,15 | 35,7 | 39,8 | 26500 | 3480 | 0,75 | 83 | Y | 16000 | 4x6 | 4 |
| 6GF - 30 kW | 40 | 30 | 3 ~ 380 | 1,15 | 65,4 | 75,0 | 35700 | 3480 | 0,83 | 84 | Y | 27000 | 4x8 | 4 |
| | | | 3 ~ 460 | 1,15 | 54,0 | 62,0 | 35700 | 3480 | 0,83 | 84 | Y | 27000 | 4x8 | 4 |
| | | | 3 ~ 575 | 1,15 | 43,2 | 49,6 | 35700 | 3480 | 0,83 | 84 | Y | 27000 | 4x8 | 4 |
| 6GF - 37 kW | 50 | 37 | 3 ~ 380 | 1,15 | 80,0 | 90,0 | 44800 | 3480 | 0,85 | 83 | Y | 27000 | 4x8 | 4 |
| | | | 3 ~ 460 | 1,15 | 69,0 | 77,0 | 44800 | 3480 | 0,82 | 83 | Y | 27000 | 4x8 | 4 |
| | | | 3 ~ 575 | 1,15 | 55,0 | 62,0 | 44800 | 3480 | 0,82 | 83 | Y | 27000 | 4x8 | 4 |

Cable included

* TRIANGLE STAR VERSION 230/380 V AND 380/660 V AVAILABLE



DIMENSIONS AND WEIGHTS



| MODEL | L (mm) | WEIGHT 6GF (Kg) | WEIGHT 6GX (Kg) | EMPUJE AXIAL (N) |
|-------------------|--------|-----------------|-----------------|------------------|
| 6GF/6GX - 4 kW | 600 | 40,4 | 39 | 16000 |
| 6GF/6GX - 5,5 kW | 631 | 43,8 | 42,2 | 16000 |
| 6GF/6GX - 7,5 kW | 660 | 46,8 | 45,6 | 16000 |
| 6GF/6GX - 9,2 kW | 685 | 49,8 | 48,2 | 16000 |
| 6GF/6GX - 11 kW | 730 | 54,6 | 53,4 | 16000 |
| 6GF/6GX - 15 kW | 785 | 60,4 | 59 | 16000 |
| 6GF/6GX - 18,5 kW | 860 | 68 | 66,2 | 16000 |
| 6GF/6GX - 22 kW | 920 | 74,2 | 73,6 | 16000 |
| 6GF/6GX - 30 kW | 1050 | 88,6 | 87 | 27000 |
| 6GF/6GX - 37 kW | 1180 | 100 | 98,8 | 27000 |

TR6 6" SUBMERSIBLE MOTORS



6" Asynchronous two-poles submersible motor, **rewindable type**, made in AISI 304 stainless steel and cast iron with paint coating (standard version). Cooling and lubrication of the thrust bearing assembly and carbon bushes is provided by a mixture of water and glycol. Squirrel-cage rotor mounted on Mitchell self-centring thrust bearing. The motor is available also in full stainless steel AISI 316 version and on demand AISI 904 version. Mechanical seal in ceramic/ carbon for the standard version, in silicon/carbide for the AISI 316 stainless steel version. On request it's available also a version suitable for use with variable frequency drive (30 Hz –60 Hz). The motor is equipped with 5 meters one-core round cable three-core flat cable directly connected with the windings and a ground cable, and it's available with DOL or STAR-DELTA starting type. The

cable is certified ACS and WRAS. Overload protection must be provided by user. On request PT100 and PTC temperature sensors are available. Standard version with PVC windings.

AVAILABLE ON REQUEST A PE2 + PA WINDING VERSION FOR INVERTER APPLICATION.

Flanging NEMA 6".

Protection class IP68.

Cooling flow speed 0,5 m/s.

Power supply tolerance + 6 % / - 10 %.

Max. starts 15/h.

Max operating depth 300 m.

Maximum operating pressure 60 bar.

Horizontal operation 7,5 HP - 50 HP.

TECHNICAL DATA - Direct Starting

| MODEL | P2 | | VOLTAGE 60 Hz | SF | In (SF) (A) | Is/In | P1 (W) | N (min ⁻¹) | Cos φ | η % | CABLE | |
|---------------|------|------|------------------|------|----------------|-------|-----------|---------------------------|-------|--------|----------------------|-----------|
| | (HP) | (KW) | | | | | | | | | ∅ mm ² | LC (m) |
| TR607 5,5 KW | 7,5 | 5,5 | 460 | 1,15 | 13 | 4,00 | 8547 | 3470 | 0,80 | 74 | 4x6 | 5 |
| TR610 7,5 KW | 10 | 7,5 | 460 | 1,15 | 17 | 3,80 | 11058 | 3460 | 0,79 | 78 | 4x6 | 5 |
| TR612 9,2 KW | 12,5 | 9,2 | 460 | 1,15 | 21 | 3,70 | 13740 | 3450 | 0,81 | 77 | 4x6 | 5 |
| TR615 11 KW | 15 | 11 | 460 | 1,15 | 24 | 3,80 | 16013 | 3460 | 0,82 | 79 | 4x6 | 5 |
| TR617 13 KW | 17,5 | 13 | 460 | 1,15 | 28 | 4,00 | 18688 | 3460 | 0,82 | 80 | 4x6 | 5 |
| TR620 15 KW | 20 | 15 | 460 | 1,15 | 32 | 4,00 | 21296 | 3460 | 0,83 | 81 | 4x6 | 5 |
| TR625 18,5 KW | 25 | 18,5 | 460 | 1,15 | 37 | 5,50 | 25029 | 3490 | 0,83 | 85 | 4x6 | 5 |
| TR630 22 KW | 30 | 22 | 460 | 1,15 | 45 | 6,00 | 30119 | 3490 | 0,79 | 84 | 4x6 | 5 |
| TR635 26 KW | 35 | 26 | 460 | 1,15 | 56 | 6,00 | 35595 | 3470 | 0,8 | 84 | 4x10 | 5 |
| TR640 30 KW | 40 | 30 | 460 | 1,15 | 63 | 5,20 | 40588 | 3460 | 0,82 | 85 | 4x10 | 5 |
| TR650 37 KW | 50 | 37 | 460 | 1,15 | 78 | 5,30 | 50655 | 3450 | 0,82 | 84 | 4x10 | 5 |

Cable included

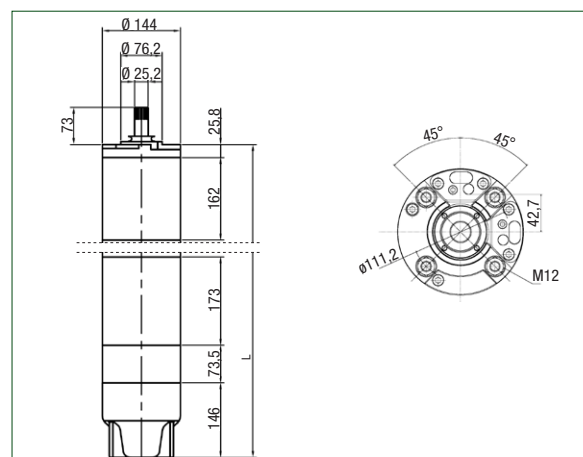
TECHNICAL DATA - Star/Delta Starting

| MODEL | P2 | | VOLTAGE 60 Hz | SF | In (SF) (A) | Is/In | P1 (W) | N (min ⁻¹) | Cos φ | η % | CABLE | |
|---------------|------|------|------------------|------|----------------|-------|-----------|---------------------------|-------|--------|----------------------|-----------|
| | (HP) | (KW) | | | | | | | | | ∅ mm ² | LC (m) |
| TR615 11 KW | 15 | 11 | 460 | 1,15 | 24 | 3,80 | 16013 | 3460 | 0,82 | 79 | 4x6 | 5 |
| TR617 13 KW | 17,5 | 13 | 460 | 1,15 | 28 | 4,00 | 18688 | 3460 | 0,82 | 80 | 4x6 | 5 |
| TR620 15 KW | 20 | 15 | 460 | 1,15 | 32 | 4,00 | 21296 | 3460 | 0,83 | 81 | 4x6 | 5 |
| TR625 18,5 KW | 25 | 18,5 | 460 | 1,15 | 37 | 5,50 | 25029 | 3490 | 0,83 | 85 | 4x6 | 5 |
| TR630 22 KW | 30 | 22 | 460 | 1,15 | 45 | 6,00 | 30119 | 3490 | 0,79 | 84 | 4x6 | 5 |
| TR635 26 KW | 35 | 26 | 460 | 1,15 | 56 | 6,00 | 35595 | 3470 | 0,8 | 84 | 4x10 | 5 |
| TR640 30 KW | 40 | 30 | 460 | 1,15 | 63 | 5,20 | 40588 | 3460 | 0,82 | 85 | 4x10 | 5 |
| TR650 37 KW | 50 | 37 | 460 | 1,15 | 78 | 5,30 | 50655 | 3450 | 0,82 | 84 | 4x10 | 5 |

2 cables included

DIMENSIONS AND WEIGHTS

| MODEL | L mm | WEIGHT Kg | AXIAL THRUST N |
|-------|---------|--------------|-------------------|
| TR607 | 660 | 48 | 15000 |
| TR610 | 690 | 50 | 15000 |
| TR612 | 720 | 55 | 15000 |
| TR615 | 780 | 60 | 15000 |
| TR617 | 850 | 72 | 15000 |
| TR620 | 910 | 78 | 15000 |
| TR625 | 1085 | 90 | 27500 |
| TR630 | 1195 | 100 | 27500 |
| TR635 | 1315 | 115 | 27500 |
| TR640 | 1425 | 125 | 27500 |
| TR650 | 1425 | 125 | 27500 |



TR8

8" SUBMERSIBLE MOTORS



CE 8" Asynchronous two-poles or four-poles submersible motor, rewindable type, with external shell made in AISI 316 stainless steel and supports in cast iron with paint coating (standard version). Cooling and lubrication of the thrust bearing assembly and carbon bushes is provided by a mixture of water and glycol. Squirrel-cage rotor mounted on Mitchell self-centring thrust bearing. The motor is available also in full stainless steel AISI 316 version and on demand AISI 904 version. Mechanical seal in silicon/carbide.

On request it's available also a version suitable for use with variable frequency drive.

The motor is equipped with 5 meters one-core round cable three-core flat cable directly connected with the windings and it's available with DOL or STAR-DELTA starting type. The cable is certified ACS and WRAS.

Overload protection must be provided by user.

On request PT100 and PTC temperature sensors.

Standard version with PVC windings.
AVAILABLE ON REQUEST A PE2 + PA WINDING VERSION FOR INVERTER APPLICATION.

- Flanging** NEMA 8".
- Protection class** IP58 (IP68 on request).
- Cooling flow speed** 0,5 m/s.
- Power supply tolerance** + 6 % / -10 %.
- Max. starts** 10/h.
- Max operating depth** 300 m.
- Maximum operating pressure** 60 bar.
- Horizontal operation** 30 HP - 125 HP.

TECHNICAL DATA - Direct Starting

| MODEL | P2 | | VOLTAGE 60 Hz | SF | In (SF) (A) | Is/In | P1 (W) | N (min ⁻¹) | Cos φ | η % | CABLE | |
|--------------|------|------|------------------|------|----------------|-------|-----------|---------------------------|-------|--------|----------------------|-----------|
| | (HP) | (KW) | | | | | | | | | Ø mm ² | LC (m) |
| TR840 30KW | 40 | 30 | 460 | 1,15 | 61 | 5,8 | 41566 | 3490 | 0,85 | 83 | 4x16 | 5 |
| TR850 37KW | 50 | 37 | 460 | 1,15 | 74 | 5,5 | 50655 | 3490 | 0,85 | 84 | 4x16 | 5 |
| TR860 45kW | 60 | 45 | 460 | 1,15 | 88 | 6,4 | 60174 | 3500 | 0,85 | 86 | 4x16 | 5 |
| TR875 55KW | 75 | 55 | 460 | 1,15 | 107 | 5,8 | 73547 | 3500 | 0,86 | 86 | 4x16 | 5 |
| TR885 63KW | 85 | 63 | 460 | 1,15 | 120 | 6,0 | 84244 | 3510 | 0,86 | 86 | 4x16 | 5 |
| TR8100 75KW | 100 | 75 | 460 | 1,15 | 143 | 5,7 | 99138 | 3500 | 0,86 | 87 | 4x16 | 5 |
| TR8125 92KW | 125 | 92 | 460 | 1,15 | 175 | 6,0 | 121609 | 3480 | 0,87 | 87 | 4x25 | 5 |
| TR8150 110KW | 150 | 110 | 460 | 1,15 | 210 | 5,8 | 147093 | 3480 | 0,87 | 86 | 4x25 | 5 |

Cable included

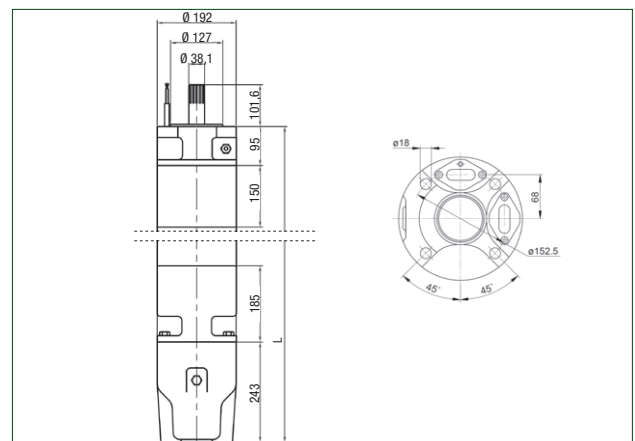
TECHNICAL DATA - Star/Delta Starting

| MODEL | P2 | | VOLTAGE 60 Hz | SF | In (SF) (A) | Is/In | P1 (W) | N (min ⁻¹) | Cos φ | η % | CABLE | |
|--------------|------|------|------------------|------|----------------|-------|-----------|---------------------------|-------|--------|----------------------|-----------|
| | (HP) | (KW) | | | | | | | | | Ø mm ² | LC (m) |
| TR840 30KW | 40 | 30 | 460 | 1,15 | 61 | 5,8 | 41566 | 3490 | 0,85 | 83 | 4x16 | 5 |
| TR850 37KW | 50 | 37 | 460 | 1,15 | 74 | 5,5 | 50655 | 3490 | 0,85 | 84 | 4x16 | 5 |
| TR860 45kW | 60 | 45 | 460 | 1,15 | 88 | 6,4 | 60174 | 3500 | 0,85 | 86 | 4x16 | 5 |
| TR875 55KW | 75 | 55 | 460 | 1,15 | 107 | 5,8 | 73547 | 3500 | 0,86 | 86 | 4x16 | 5 |
| TR885 63KW | 85 | 63 | 460 | 1,15 | 120 | 6,0 | 84244 | 3510 | 0,86 | 86 | 4x16 | 5 |
| TR8100 75KW | 100 | 75 | 460 | 1,15 | 143 | 5,7 | 99138 | 3500 | 0,86 | 87 | 4x16 | 5 |
| TR8125 92KW | 125 | 92 | 460 | 1,15 | 175 | 6,0 | 121609 | 3480 | 0,87 | 87 | 4x25 | 5 |
| TR8150 110KW | 150 | 110 | 460 | 1,15 | 210 | 5,8 | 147093 | 3480 | 0,87 | 86 | 4x25 | 5 |

2 cables included

DIMENSIONS AND WEIGHTS

| MODEL | L mm | WEIGHT Kg | AXIAL THRUST N |
|--------------|---------|--------------|-------------------|
| TR840 30KW | 1110 | 146 | 60000 |
| TR850 37KW | 1160 | 156 | 60000 |
| TR860 45kW | 1270 | 177 | 60000 |
| TR875 55KW | 1350 | 192 | 60000 |
| TR885 63KW | 1490 | 218 | 60000 |
| TR8100 75KW | 1590 | 237 | 60000 |
| TR8125 92KW | 1830 | 283 | 60000 |
| TR8150 110KW | 2060 | 333 | 60000 |



TR10

10" SUBMERSIBLE MOTORS



CE 10" Asynchronous two-poles or four-poles submersible motor, **rewindable type**, with external shell made in AISI 316 stainless steel and supports in cast iron with paint coating (standard version). Cooling and lubrication of the thrust bearing assembly and carbon bushes is provided by a mixture of water and glycol. Squirrel-cage rotor mounted on Mitchell self-centring thrust bearing. The motor is available also in full stainless steel AISI 316 version and on demand AISI 904 version. Mechanical seal in silicon/carbide. On request it's available also a version suitable for use with variable frequency drive. The motor is equipped with 8 meters single-core flat cables directly connected with the windings and it's available with DOL or STAR-DELTA starting type. The cables are certified ACS and WRAS. Overload protection must be provided by user. On request PT100 and PTC temperature sensors are available.

Standard version with PVC windings (except TR10 230 and TR10 260 standard, version PE2 +PA)
AVAILABLE ON REQUEST A PE2 + PA WINDING VERSION FOR INVERTER APPLICATION.

- Flanging** 10".
- Protection class** IP58 (IP68 on request).
- Cooling flow speed** 0,5 m/s.
- Power supply tolerance** + 6 % / - 10 %.
- Max. starts** 8/h.
- Max operating depth** 300 m.
- Maximum operating pressure** 60 bar.
- Horizontal operation** 100 HP - 230 HP.

TECHNICAL DATA - Direct Starting

| MODEL | P2 | | VOLTAGE 60 Hz | SF | In (SF) (A) | Is/In | P1 (W) | N (min ⁻¹) | Cos φ | η % | CABLE | |
|---------------|------|------|------------------|------|----------------|-------|-----------|---------------------------|-------|--------|----------------------|-----------|
| | (HP) | (KW) | | | | | | | | | ∅ mm ² | LC (m) |
| TR10100 75KW | 100 | 75 | 460 | 1,15 | 146 | 5,7 | 99138 | 3510 | 0,84 | 87 | 4x50 | 8 |
| TR10125 92KW | 125 | 92 | 460 | 1,15 | 181 | 5,5 | 121609 | 3510 | 0,83 | 87 | 4x50 | 8 |
| TR10150 110KW | 150 | 110 | 460 | 1,15 | 213 | 5,8 | 143750 | 3510 | 0,84 | 88 | 4x50 | 8 |
| TR10180 132KW | 180 | 132 | 460 | 1,15 | 252 | 5,7 | 172500 | 3510 | 0,85 | 88 | 4x50 | 8 |
| TR10200 147KW | 200 | 147 | 460 | 1,15 | 290 | 6,2 | 194310 | 3520 | 0,82 | 87 | 4x50 | 8 |
| TR10230 170KW | 230 | 170 | 460 | 1,15 | 338 | 5,9 | 224713 | 3520 | 0,82 | 87 | 4x50 | 8 |
| TR10260 190KW | 260 | 190 | 460 | 1,15 | 386 | 6,1 | 251149 | 3520 | 0,79 | 87 | 4x50 | 8 |

Cable included

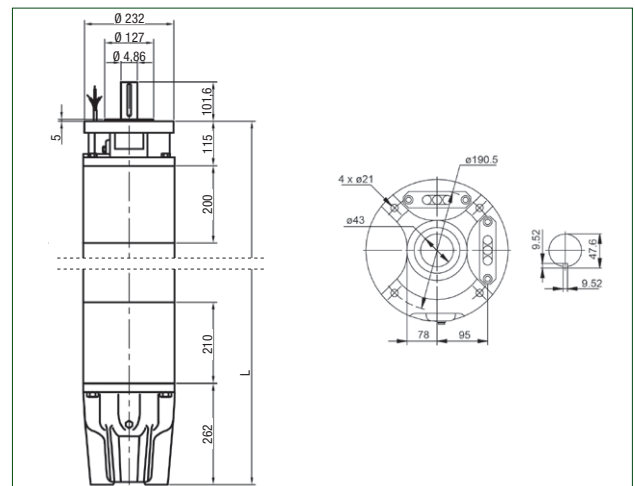
TECHNICAL DATA - Star/Delta Starting

| MODEL | P2 | | VOLTAGE 60 Hz | SF | In (SF) (A) | Is/In | P1 (W) | N (min ⁻¹) | Cos φ | η % | CABLE | |
|---------------|------|------|------------------|------|----------------|-------|-----------|---------------------------|-------|--------|----------------------|-----------|
| | (HP) | (KW) | | | | | | | | | ∅ mm ² | LC (m) |
| TR10100 75KW | 100 | 75 | 460 | 1,15 | 146 | 5,7 | 99138 | 3510 | 0,84 | 87 | 4x50 | 8 |
| TR10125 92KW | 125 | 92 | 460 | 1,15 | 181 | 5,5 | 121609 | 3510 | 0,83 | 87 | 4x50 | 8 |
| TR10150 110KW | 150 | 110 | 460 | 1,15 | 213 | 5,8 | 143750 | 3510 | 0,84 | 88 | 4x50 | 8 |
| TR10180 132KW | 180 | 132 | 460 | 1,15 | 252 | 5,7 | 172500 | 3510 | 0,85 | 88 | 4x50 | 8 |
| TR10200 147KW | 200 | 147 | 460 | 1,15 | 290 | 6,2 | 194310 | 3520 | 0,82 | 87 | 4x50 | 8 |
| TR10230 170KW | 230 | 170 | 460 | 1,15 | 338 | 5,9 | 224713 | 3520 | 0,82 | 87 | 4x50 | 8 |
| TR10260 190KW | 260 | 190 | 460 | 1,15 | 386 | 6,1 | 251149 | 3520 | 0,79 | 87 | 4x50 | 8 |

2 Cables included

DIMENSIONS AND WEIGHTS

| MODEL | L mm | WEIGHT Kg | AXIAL THRUST N |
|---------------|---------|--------------|-------------------|
| TR10100 75KW | 1400 | 280 | 60000 |
| TR10125 92KW | 1500 | 330 | 60000 |
| TR10150 110KW | 1690 | 385 | 60000 |
| TR10180 132KW | 1870 | 435 | 60000 |
| TR10200 147KW | 2070 | 500 | 60000 |
| TR10230 170KW | 2220 | 540 | 60000 |
| TR10260 190KW | 2400 | 580 | 60000 |



TR12

12" SUBMERSIBLE MOTORS



12" Asynchronous two-poles or four-poles submersible motor, **rewindable type**, with external shell made in AISI 316 stainless steel and supports in cast iron with paint coating (standard version). Cooling and lubrication of the thrust bearing assembly and carbon bushes is provided by a mixture of water and glycol. Squirrel-cage rotor mounted on Mitchell self-centring thrust bearing. The motor is available also in full stainless steel AISI 316 version. Mechanical seal in silicon/carbide. On request it's available also a version suitable for use with variable frequency drive. The motor is equipped with 8 meters single-core flat cables directly connected with the windings and it's available with DOL or STAR-DELTA starting type. The cables are certified ACS and WRAS. Overload protection must be provided by user. On request PT100 and PTC temperature sensors are available.

Standard version with PVC windings (except TR12300 and TR12340 standard, version PE2 +PA). **AVAILABLE ON REQUEST A PE2 + PA WINDING VERSION FOR INVERTER APPLICATION.**

Flanging 12".

Protection class IP58 (IP68 on request).

Cooling flow speed 0,5 m/s.

Power supply tolerance + 6 % / - 10 %.

Max. starts 5/h.

Max operating depth 300 m.

Maximum operating pressure 60 bar.

Horizontal operation 180 HP - 260 HP.

Direction of rotation to be specified in the order; the standard version turns anti-clockwise.

TECHNICAL DATA - Direct Starting

| MODEL | P2 | | VOLTAGE 60 Hz | SF | In (SF) (A) | Is/In | P1 (W) | N (min ⁻¹) | Cos φ | η % | CABLE | |
|---------------|------|------|------------------|------|----------------|-------|-----------|---------------------------|-------|--------|----------------------|-----------|
| | (HP) | (KW) | | | | | | | | | ∅ mm ² | LC (m) |
| TR12200 147KW | 200 | 147 | 460 | 1,15 | 311 | 5,74 | 205420 | 3.530 | 0,83 | 86.9 | 4x70 | 8 |
| TR12230 170KW | 230 | 170 | 460 | 1,15 | 355 | 5,82 | 237308 | 3.530 | 0,84 | 87.1 | 4x70 | 8 |
| TR12260 190KW | 260 | 190 | 460 | 1,15 | 394 | 6,14 | 263378 | 3.525 | 0,84 | 87.4 | 4x70 | 8 |
| TR12300 220KW | 300 | 220 | 460 | 1,15 | 452 | 6,41 | 305746 | 3.525 | 0,85 | 87.9 | 4x70 | 8 |
| TR12340 250KW | 340 | 250 | 460 | 1,15 | 510 | 6,82 | 344979 | 3.525 | 0,85 | 88.0 | 4x70 | 8 |

Cable included

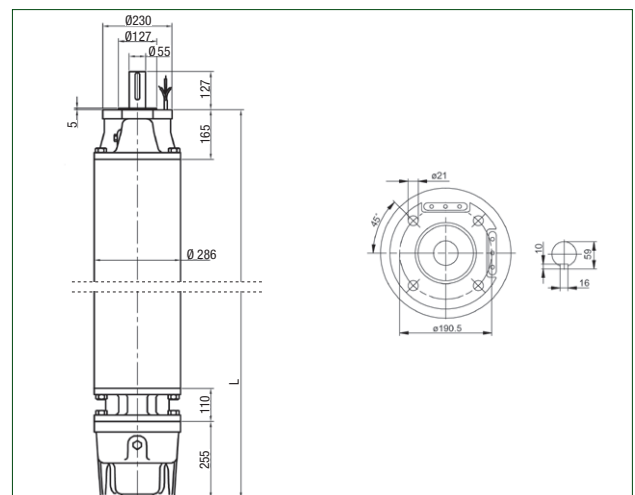
TECHNICAL DATA - Star/Delta Starting

| MODEL | P2 | | VOLTAGE 60 Hz | SF | In (SF) (A) | Is/In | P1 (W) | N (min ⁻¹) | Cos φ | η % | CABLE | |
|---------------|------|------|------------------|------|----------------|-------|-----------|---------------------------|-------|--------|----------------------|-----------|
| | (HP) | (KW) | | | | | | | | | ∅ mm ² | LC (m) |
| TR12200 147KW | 200 | 147 | 460 | 1,15 | 311 | 5,74 | 205420 | 3.530 | 0,83 | 86.9 | 4x70 | 8 |
| TR12230 170KW | 230 | 170 | 460 | 1,15 | 355 | 5,82 | 237308 | 3.530 | 0,84 | 87.1 | 4x70 | 8 |
| TR12260 190KW | 260 | 190 | 460 | 1,15 | 394 | 6,14 | 263378 | 3.525 | 0,84 | 87.4 | 4x70 | 8 |
| TR12300 220KW | 300 | 220 | 460 | 1,15 | 452 | 6,41 | 305746 | 3.525 | 0,85 | 87.9 | 4x70 | 8 |
| TR12340 250KW | 340 | 250 | 460 | 1,15 | 510 | 6,82 | 344979 | 3.525 | 0,85 | 88.0 | 4x70 | 8 |

2 cables included

DIMENSIONS AND WEIGHTS

| MODEL | L smm | WEIGHT Kg | AXIAL THRUST N |
|---------------|----------|--------------|-------------------|
| TR12200 147KW | 1790 | 565 | 70000 |
| TR12230 170KW | 1880 | 605 | 70000 |
| TR12260 190KW | 1980 | 650 | 70000 |
| TR12300 220KW | 2110 | 700 | 70000 |
| TR12340 250KW | 2280 | 775 | 70000 |



TR14 SUBMERSIBLE MOTORS 14"



CE 14" two-pole or four-pole Asynchronous submersible motor, rewindable, with AISI 304 stainless steel external casing and painted cast iron supports (STANDARD version). The thrust block and carbon bushes are cooled and lubricated with a mixture of water and glycol. The squirrel cage rotor is positioned on a self-centring Mitchell thrust block. The motor is also available in a version entirely in AISI 316 stainless steel. Silicon carbide mechanical seal. The STANDARD version is suitable for use with a variable frequency drive.

The motor is supplied with an 8 mm flat cable directly connected to the winding and is available with DOL (direct) or STAR-TRIANGLE start-up. The cable is ACS and WRAS certified. The electric overload PROTECTION must be provided by the user. PT100 and PTC temperature probes are available on request.

IN THE STANDARD VERSION ALL MODELS ARE SUPPLIED WITH PE2 + PA WINDINGS.

TECHNICAL DATA - Direct Starting

| MODEL | P2 | | VOLTAGE 60 Hz | SF | In (SF) (A) | Is/In | P1 (W) | N (min ⁻¹) | Cos φ | η % | CABLE | |
|---------------|------|------|------------------|------|----------------|-------|-----------|---------------------------|-------|--------|----------------------|-----------|
| | (HP) | (KW) | | | | | | | | | ∅ mm ² | LC (m) |
| TR14300 220KW | 300 | 220 | 460 | 1,15 | 460 | 5,5 | 290000 | 3530 | 0,79 | 89 | 3x70+1x50 | 8 |
| TR14340 250KW | 340 | 250 | 460 | 1,15 | 505 | 6 | 326000 | 3545 | 0,81 | 89 | 3x70+1x50 | 8 |
| TR14400 300KW | 400 | 300 | 460 | 1,15 | 595 | 6 | 389000 | 3540 | 0,82 | 89 | 3x70+1x50 | 8 |
| TR14450 330KW | 450 | 330 | 460 | 1,15 | 645 | 6 | 427000 | 3545 | 0,83 | 90 | 3x70+1x50 | 8 |
| TR14500 370KW | 500 | 370 | 460 | 1,15 | 725 | 6,5 | 480000 | 3550 | 0,83 | 90 | 3x70+1x50 | 8 |
| TR14550 400KW | 550 | 400 | 460 | 1,15 | 750 | 6,5 | 520000 | 3540 | 0,87 | 90 | 3x70+1x50 | 8 |

Cable included

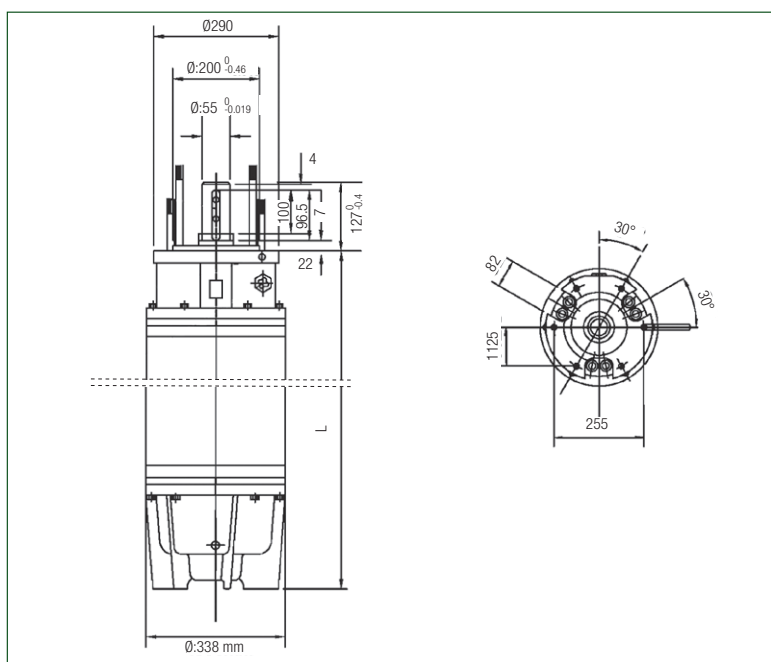
TECHNICAL DATA - Star/Delta Starting

| MODEL | P2 | | VOLTAGE 60 Hz | SF | In (SF) (A) | Is/In | P1 (W) | N (min ⁻¹) | Cos φ | η % | CABLE | |
|---------------|------|------|------------------|------|----------------|-------|-----------|---------------------------|-------|--------|----------------------|-----------|
| | (HP) | (KW) | | | | | | | | | ∅ mm ² | LC (m) |
| TR14300 220KW | 300 | 220 | 460 | 1,15 | 460 | 5,5 | 290000 | 3530 | 0,79 | 89 | 3x70+1x50 | 8 |
| TR14340 250KW | 340 | 250 | 460 | 1,15 | 505 | 6 | 326000 | 3545 | 0,81 | 89 | 3x70+1x50 | 8 |
| TR14400 300KW | 400 | 300 | 460 | 1,15 | 595 | 6 | 389000 | 3540 | 0,82 | 89 | 3x70+1x50 | 8 |
| TR14450 330KW | 450 | 330 | 460 | 1,15 | 645 | 6 | 427000 | 3545 | 0,83 | 90 | 3x70+1x50 | 8 |
| TR14500 370KW | 500 | 370 | 460 | 1,15 | 725 | 6,5 | 480000 | 3550 | 0,83 | 90 | 3x70+1x50 | 8 |
| TR14550 400KW | 550 | 400 | 460 | 1,15 | 750 | 6,5 | 520000 | 3540 | 0,87 | 90 | 3x70+1x50 | 8 |

2 cables included

DIMENSIONS AND WEIGHTS

| MODEL | L smm | WEIGHT Kg | AXIAL THRUST N |
|---------------|----------|--------------|-------------------|
| TR14300 220KW | 1760 | 663 | 70000 |
| TR14340 250KW | 1910 | 784 | 70000 |
| TR14400 300KW | 2020 | 845 | 70000 |
| TR14450 330KW | 2160 | 906 | 70000 |
| TR14500 370KW | 2320 | 1010 | 70000 |
| TR14550 400KW | 2460 | 1105 | 70000 |



ACCESSORIES SUBMERSIBLE PUMPS

SUBMERSIBLE MOTORS

DCONNECT

COMMAND AND
CONTROL SYSTEMS

CIRCULATORS AND
IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL
AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND
SALT WATER PUMPS

CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS


SUBMERSIBLE PUMPS
AND SUBMERSIBLE MOTORS


PRESSURE UNITS



ACCESSORIES


SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

For a correct junction, use a cable with a section greater or equal to the motor cable section.
Size properly the section of the cable that has to be spliced, accordingly to the required length of the cable.

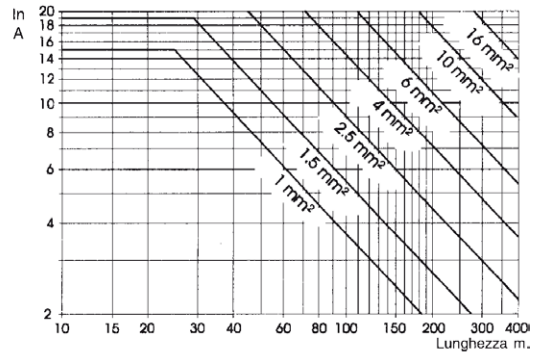
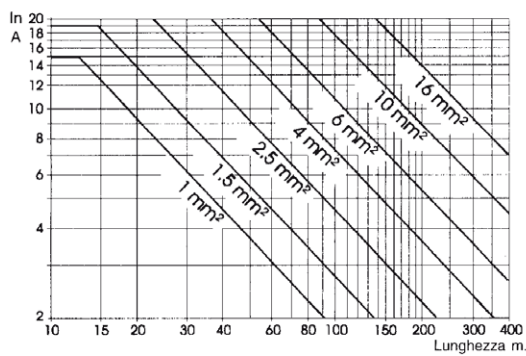
| SHIELDED CABLE | DESCRIPTION | MICRA | MICRA HS | S4 | S6 | SM +6GF | SR+6GF |
|---|--|-------|----------|----|----|---------|--------|
|  | SHIELDED CABLE, FOUR-CORE, PER METER 4 X 1,5 mm ² | • | • | • | | | |
| | SHIELDED CABLE, FOUR-CORE, PER METER 4 X 2,5 mm ² | • | • | • | | | |
| | SHIELDED CABLE, FOUR-CORE, PER METER 4 X 4 mm ² | • | • | • | • | • | • |
| We recommended the use of shielded cables with INVERTER application. | | | | | | | |


| FOUR-CORE CABLE | DESCRIPTION | MICRA | MICRA HS | S4 | S6 | SM +6GF | SR+6GF |
|--|---|-------|----------|----|----|---------|--------|
|  | FOUR-CORE CABLE H07 RN-F, PER METER 4x1.5 mm ² | • | • | • | • | | |
| | FOUR-CORE CABLE H07 RN-F, PER METER 4x2.5 mm ² | • | • | • | • | | |
| | FOUR-CORE CABLE H07 RN-F, PER METER 4x4 mm ² | • | • | • | • | • | • |
| | FOUR-CORE CABLE H07 RN-F, PER METER 4x6 mm ² | • | • | • | • | • | • |
| | FOUR-CORE CABLE H07 RN-F, PER METER 4x10 mm ² | • | • | • | • | • | • |
| | FOUR-CORE CABLE H07 RN-F, PER METER 4x16 mm ² | • | • | • | • | • | • |
| | FOUR-CORE CABLE H07 RN-F, PER METER 4x25 mm ² | • | • | • | • | • | • |

| PROBE | DESCRIPTION | MICRA | MICRA HS | S4 | S6 | SM +6GF | SR+6GF |
|---|---|-------|----------|----|----|---------|--------|
|  | COMPLETE - ELECTRODE PROBE Used in the protection and CONTROL SYSTEM ES. Ideal for conductible liquids with maximum temperatures of +40°C. To be connected with a 1.5 mm ² cable - 550V insulation. Sensitivity: ≤ 53 kOhm. | | | • | • | • | • |
|  | CABLE FOR ELECTRIC PROBE, PER METER 1x1.5 mm ² | | | • | • | • | • |
| ACCESSORIES connectable only to ES panels | | | | | | | |

| JUNCTION KIT | DESCRIPTION | MICRA | MICRA HS | S4 | S6 | SM +6GF | SR+6GF |
|---|---|-------|----------|----|----|---------|--------|
|  | CABLE JUNCTION KIT (for cable 1,0 mm ²) | • | • | | | | |
| | CABLE JUNCTION KIT (for cable 1,5-2,5-4-6 mm ²) | | | • | • | • | • |
| | CABLE JUNCTION KIT (for cable 10-16-25 mm ²) | | | • | • | • | • |
| | CABLE CONNECTION TO THE MOTOR-DRIVEN PUMP | | • | • | • | • | • |


TABLES TO ESTABLISH POWER CABLE CROSS SECTION IN RELATION TO LENGHT



| KIT CABLE | DESCRIPTION | 4GG | 4TW | 40L |
|--|---|-----|-----|-----|
|  | KIT CABLE 4GX1,5 MM2 -LENGHT. 20 M. WITH CONNECT. FOR 4GG/40L | • | | • |
| | KIT CABLE 4GX1,5 MM2 -LENGHT. 40 M. WITH CONNECT. FOR 4GG/40L | • | | • |
| | KIT CABLE 4GX2,5 MM2 -LENGHT. 20 M. WITH CONNECT. FOR 4GG/40L | • | | • |
| | KIT CABLE 4GX2,5 MM2 -LENGHT. 40 M. WITH CONNECT. FOR 4GG/40L | • | | • |
| | KIT CABLE 3GX1,5 MM2 -LENGHT. 30 M. WITH CONNECT. FOR 4"TW MOTORS | | • | |

CB - CONTROL PANEL FOR DIVER SINGLE-PHASE PUMP


- Housing in shockproof thermoplastic with two cable clamps
- Luminous 2-pole main switch (power ON)
- Protection level: IP 43
- Starter capacitor
- Thermal cut-out protection with external manual reset

| | MODEL | VOLTAGE | P2 NOMINAL | | PROTECTION | CAPACITOR μF | DIMENSIONS mm | WEIGHT Kg | DIVER | | MICRA | |
|--|----------|-----------|------------|------|------------|-----------------|------------------|--------------|-------|-------------------------------|-------|-------------|
| | | | KW | HP | | | | | | | | |
|  | CB 16/5 | 1x230 V ~ | 0,55 | 0,75 | 5 A | 16 | 85 x 170 x 65 | 0,65 | • | DIVER 75 M | | |
| | CB 20/6 | 1x230 V ~ | 0,75 | 1 | 6 A | 20 | 85 x 170 x 65 | 0,65 | • | DIVER 100 M DIVER 100 HF M | | |
| | CB 30/9 | 1x230 V ~ | 1,1 | 1,5 | 9 A | 30 | 85 x 170 x 65 | 0,65 | • | DIVER 150 M DIVER 150 HF M | | |
| | CB 35/12 | 1x230 V ~ | 1,5 | 2 | 12 A | 35 | 85 x 170 x 65 | 0,65 | • | DIVER 200 M DIVER 200 HF M | | |
| | CB 05/12 | 1 x 230V~ | 0,37 | 0,5 | 5 A | 12 | 85 x 170 x 65 | 0,65 | | | • | MICRA 50 M |
| | CB 06/16 | 1 x 230V~ | 0,55 | 0,75 | 6 A | 16 | 85 x 170 x 65 | 0,65 | | | • | MICRA 75 M |
| | CB 07/20 | 1 x 230V~ | 0,75 | 1 | 7 A | 20 | 85 x 170 x 65 | 0,65 | | | • | MICRA 100 M |

ESC PLUS

Panel for protection and control of motor/single-phase/three-phase pump with direct start up. Double set-up mode: automatic/manual. The motor/pump protection against dry running is assured by the major of the motor $\cos \varphi$, (level probes not required). Casing made of shock-proof and self-extinguishing thermoplastic material with two antipull plugs. Main switch. Power supply: Single-phase 230 V +/- 5%, Three-phase 400 V +/- 5%. Digital display with status indications. Four models available for powers from 0.5 HP to 15 HP. Protection degree IP54. Starting


Capacitor for single phase version (to be order separately). Optoisolated auxiliary contact for control by probes, pressure switch and float switch. ON-OFF switch. Functional features: Overload protection. Phase failure protection (threephase version). Overvoltage protection. Short circuit protection. Protection against dry running.

| | MODEL | VOLTAGE | RANGE HP | MAX CURRENT A | DIMENSIONS | | | WEIGHT Kg. |
|---|---------------------------|-----------|-------------|---------------------|------------|-----|----|---------------|
| | | | | | A | B | H | |
|  | ESC PLUS 3M 220-240/50-60 | 1 x 230V, | 0,5 - 3 | < 18 | 175 | 175 | 80 | 0,9 |
| | ESC PLUS 4T 400/50-60 | 3 x 400V, | 0,5 - 4 | < 9 | 245 | 195 | 95 | 1 |
| | ESC PLUS 10T 400/50-60 | 3 x 400V, | 5,5 - 10 | < 20 | 215 | 170 | 75 | 1,4 |
| | ESC PLUS 15T 400/50-60 | 3 x 400V, | 12,5 - 15 | < 30 | 215 | 170 | 75 | 1,6 |

CONTROL BOX 4"

Electric control panel for single phase bore-hole pumps featuring manually resettable overload cut-out, capacitor and terminal board for the electrical connections and possible connection of pressure switch/float. Complete with 1.5 metres of power cable with SCHUKO EEC 7 – VII

– UNEL 47166-168 electric plug. Cabinet for wall mounting in a flame-proof, thermoplastic material.

| | MODEL SINGLE-PHASE | MOTOR POWER kW | PROTECTION AMPER. AMP | CAPACITOR μ F | WEIGHT Kg |
|---|---------------------|----------------|-----------------------|-------------------|-----------|
|  | CONTROL BOX 4" 0,5 | 0,37 | 4 | 16 | 1,7 |
| | CONTROL BOX 4" 0,75 | 0,55 | 5 | 20 | 1,7 |
| | CONTROL BOX 4" 1 | 0,75 | 7 | 25 | 1,7 |
| | CONTROL BOX 4" 1,5 | 1,1 | 10 | 35 | 1,7 |
| | CONTROL BOX 4" 2 | 1,5 | 13 | 40 | 1,7 |
| | CONTROL BOX 4" 3 | 2,2 | 16 | 60 | 1,7 |

4" CONTROL BOOSTER BOX

4" Control Booster Box


Control panel for increasing the starting torque of the single-phase electric pumps with capacities ranging from 0.37 to 3.7 kW single-phase containing the microdisgiuntore for overload protection with manual reset, the starting condenser and run condenser and terminal block for electrical connections.

Plug not included.


Degree of protection: IP 54

Ambient operating temperature: -10 °C + 40 °C

Wall mounting box in self-extinguishing thermoplastic material.

| | MODEL | VOLTAGE | POWER kW | MAX CURRENT A | RUN CAPACITOR μ F | STARTING CAPACITOR μ F | WEIGHT Kg. |
|---|---------------------|----------|----------|---------------|-----------------------|----------------------------|------------|
|  | CBB 05/16 (0,37 KW) | 1 x 230V | 0,37 | 5 | 16 | 53-64 | 0,85 |
| | CBB 06/20 (0,55KW) | 1 x 230V | 0,55 | 6 | 20 | 53-64 | 0,85 |
| | CBB 09/25 (0,75 KW) | 1 x 230V | 0,75 | 9 | 25 | 100-130 | 1,5 |
| | CBB 12/35 (1,1 KW) | 1 x 230V | 1,1 | 12 | 35 | 100-130 | 1,1 |
| | CBB 15/40 (1,5KW) | 1 x 230V | 1,5 | 15 | 40 | 189-250 | 1,1 |
| | CBB 20/60 (2,2 KW) | 1 x 230V | 2,2 | 20 | 60 | 189-250 | 1,5 |
| | CBB 32/90 (3,7 KW) | 1 x 230V | 3,7 | 32 | 90 | 315-400 | 1,5 |


ES 1 M - ES 3 M

| | MODEL | VOLTAGE 50/60 Hz | MOT. POWER kW | MAX RATED OPERATING POWER (kW) | MAX CURRENT A | DIMENSIONS | | | WEIGHT Kg |
|---|--------|---------------------|---------------------|--------------------------------------|---------------------|------------|-----|-----|--------------|
| | | | | | | A | B | H | |
|  | ES 1 M | 1x220-240 V, | 0,37-0,55-0,75 | 1,85 | 10 | 270 | 300 | 190 | 5,6 |
| | ES 3 M | 1x220-240 V, | 1,1-1,5-2,2 | 2,2 | 16 | 270 | 300 | 190 | 5,6 |

ES 0,75 T - 1 T - 1,5 T - 3 T - 4 T - 7,5 T

Electric control unit for protecting three-phase electric borehole pumps from running without water (see table). The panel is protected and protects the electric pump from overloading and short circuits with a manually resettable device.
Can work with 1, 2 or 3 probes depending on the use to which it is put.

Protection level: IP55. Temperature application range:
from -10°C to +40°C.
Supplied standard with an electric probe and wall bracket.
Cabinet for wall mounting in flame-proof, thermoplastic material.

| | MODEL | VOLTAGE 50/60 Hz | MOT. POWER kW | MAX RATED OPERATING POWER (kW) | MAX CURRENT A | DIMENSIONS | | | WEIGHT Kg |
|---|-----------|---------------------|---------------------|--------------------------------------|---------------------|------------|-----|-----|--------------|
| | | | | | | A | B | H | |
|  | ES 0,75 T | 3 x 400 V | 0,37-0,55 | 0,88 | 1,6 | 270 | 300 | 190 | 5,6 |
| | ES 1 T | 3 x 400 V | 0,75 | 1,38 | 2,5 | 270 | 300 | 190 | 5,6 |
| | ES 1,5 T | 3 x 400 V | 1,1 | 2,2 | 4 | 270 | 300 | 190 | 5,6 |
| | ES 3 T | 3 x 400 V | 1,5 - 2,2 | 3,5 | 6,3 | 270 | 300 | 190 | 5,6 |
| | ES 4 T | 3 x 400 V | 3 | 5,5 | 10 | 270 | 300 | 190 | 5,6 |
| | ES 7,5 T | 3 x 400 V | 4-5,5 | 7,5 | 14 | 270 | 300 | 190 | 5,6 |

COMMAND AND CONTROL SYSTEM - ES

Electrical panels for protection and automatic control using float/s for bore-hole three phase electric pumps, installed singularly.

Available for direct and star-delta starting.

Cabinet for wall mounting in flame-proof, thermoplastic material.

The panel is self-protected and protects the electric pump from overloading and short circuits, power failure with a manually resettable device.

Supplied complete with:

- power line switch with pad lockable door handle;

- self-protected transformer for 24V powering of external commands;

- terminals for connecting electric pump/s and min. and max. control float/s;

- Probes module for the running without water control;

- terminals for connecting a remote acoustic or luminous alarm (without potential);

- switch on the front of the panel for man - 0 - out operation of the electric pump

- Operating temperature range: -10°C +40°C

- Level of protection: IP55


- The panels are built to EN 60204-1 and EN 60439-1

- Supplied with standard electric probe.



| | MODEL | VOLTAGE 50/60 Hz | P2 NOMINAL KW | MAX CURRENT | WEIGHT Kg |
|--|---------------|---------------------|---------------------|----------------|--------------|
| | ES 7,5 T | 3 x 400 V | 4 - 5,5 | 14 | 5,6 |
| | ES 10 T | 3 x 400 V | 7,5 | 18 | 5,6 |
| | ES 12,5 T | 3 x 400 V | 9,2 | 25 | 5,9 |
| | ES 15 T | 3 x 400 V | 11 | 25 | 8 |
| | ES 20 T | 3 x 400 V | 15 | 32 | 8,1 |
| | ES 25 T | 3 x 400 V | 18,5 | 40 | 8,3 |
| | ES 30 T | 3 x 400 V | 22 | 63 | 8,5 |
| | ES 40 T | 3 x 400 V | 30 | 80 | 8,2 |
| | ES 50 T | 3 x 400 V | 37 | 90 | 9 |
| | ES 60 T | 3 x 400 V | 45 | 100 | 9 |
| | ES 75 T | 3 x 400 V | 55 | 109 | - |
| | ES 85 T | 3 x 400 V | 63 | 126 | - |
| | ES 100 T | 3 x 400 V | 75 | 148 | - |
| | ES 125 T | 3 x 400 V | 92 | 185 | - |
| | ES 150 T | 3 x 400 V | 110 | 217 | - |
| | ES 180 T | 3 x 400 V | 132 | 257 | - |
| | ES 200 T | 3 x 400 V | 147 | 300 A | - |
| | ES 230 T | 3 x 400 V | 170 | 348 A | - |
| | ES 260 T | 3 x 400 V | 190 | 405 A | - |
| | ES 300 T | 3 x 400 V | 220 | 424 A | - |
| | ES 340 T | 3 x 400 V | 250 | 481 | - |
| | ES 10 T S/D | 3 x 400 V | 7,5 | 18 | 5,6 |
| | ES 12,5 T S/D | 3 x 400 V | 9,2 | 25 | 5,9 |
| | ES 15 T S/D | 3 x 400 V | 11 | 25 | 8 |
| | ES 20 T S/D | 3 x 400 V | 15 | 32 | 8,1 |
| | ES 25 T S/D | 3 x 400 V | 18,5 | 40 | 8,3 |
| | ES 30 T S/D | 3 x 400 V | 22 | 63 | 8,5 |
| | ES 40 T S/D | 3 x 400 V | 30 | 80 | 8,2 |
| | ES 50 T S/D | 3 x 400 V | 37 | 90 | 9 |
| | ES 60 T S/D | 3 x 400 V | 45 | 100 | 9 |
| | ES 75 T S/D | 3 x 400 V | 55 | 109 | - |
| | ES 85 T S/D | 3 x 400 V | 63 | 126 | - |
| | ES 100 T S/D | 3 x 400 V | 75 | 148 | - |
| | ES 125 T S/D | 3 x 400 V | 92 | 185 | - |
| | ES 150 T S/D | 3 x 400 V | 110 | 217 | - |
| | ES 180 T S/D | 3 x 400 V | 132 | 257 | - |
| | ES 200 T S/D | 3 x 400 V | 147 | 300 A | - |
| | ES 230 T S/D | 3 x 400 V | 170 | 348 | - |
| | ES 260 T S/D | 3 x 400 V | 190 | 405 | - |
| | ES 300 T S/D | 3 x 400 V | 220 | 424 | - |
| | ES 340 T S/D | 3 x 400 V | 250 | 481 | - |

COMMAND AND CONTROL SYSTEM - ES

| | MODEL | VOLTAGE 50/60 Hz | PROTECTION THERMAL (Amp) |
|--|---------------------|---------------------|--------------------------------|
|  | ES 1,6A TD 460-60HZ | 460/ 60Hz | 1-1,6 |
| | ES 2,5 TD 460-60HZ | 460/ 60Hz | 1,6-2,5 |
| | ES 4 TD 460-60HZ | 460/ 60Hz | 2,5-4 |
| | ES 6,3 TD 460-60HZ | 460/ 60Hz | 4-6,3 |
| | ES 10 TD 460-60HZ | 460/ 60Hz | 6-10 |
| | ES 14 TD 460-60HZ | 460/ 60Hz | 9-14 |
| | ES 18 TD 460-60HZ | 460/ 60Hz | 13-18 |
| | ES 25 TD 460-60HZ | 460/ 60Hz | 20-25 |
| | ES 32 TD 460-60HZ | 460/ 60Hz | 24-32 |
| | ES 40 TD 460-60HZ | 460/ 60Hz | 30-40 |
| | ES 65 TD 460-60HZ | 460/ 60Hz | 48-65 |
| | ES 80 TD 460-60HZ | 460/ 60Hz | 56-80 |
| | ES 100 TD 460-60HZ | 460/ 60Hz | 60-100 |
| | ES 150 TD 460-60HZ | 460/ 60Hz | 90-150 |
| | ES 220 TD 460-60HZ | 460/ 60Hz | 132-220 |
| | ES 320 TD 460-60HZ | 460/ 60Hz | 160-320 |
| | ES 500 TD 460-60HZ | 460/ 60Hz | 250-500 |
| | ES 14 TSD 460-60HZ | 460/ 60Hz | 9-14 |
| | ES 18 TSD 460-60HZ | 460/ 60Hz | 13-18 |
| | ES 25 TSD 460-60HZ | 460/ 60Hz | 20-25 |
| | ES 32 TSD 460-60HZ | 460/ 60Hz | 24-32 |
| | ES 40 TSD 460-60HZ | 460/ 60Hz | 30-40 |
| | ES 65 TSD 460-60HZ | 460/ 60Hz | 48-65 |
| | ES 80 TSD 460-60HZ | 460/ 60Hz | 56-80 |
| | ES 100 TSD 460-60HZ | 460/ 60Hz | 60-100 |
| | ES 150 TSD 460-60HZ | 460/ 60Hz | 90-150 |
| | ES 220 TSD 460-60HZ | 460/ 60Hz | 132-220 |
| | ES 320 TSD 460-60HZ | 460/ 60Hz | 160-320 |
| | ES 500 TSD 460-60HZ | 460/ 60Hz | 250-500 |

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

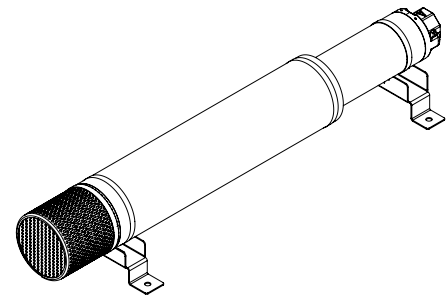
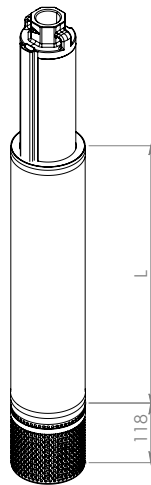
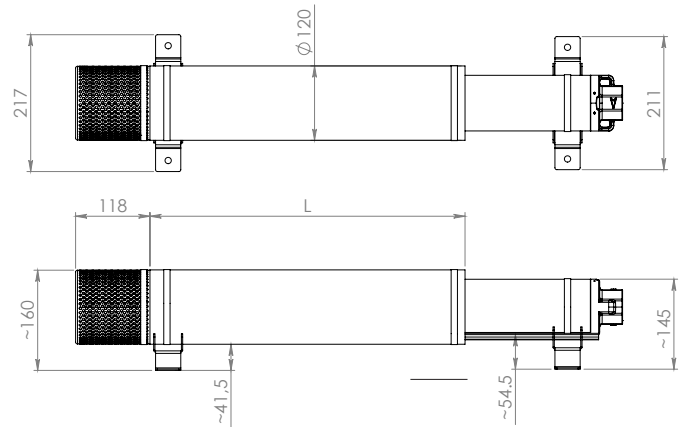
COOLING SLEEVE FOR 4" MOTOR

SELECTION TABLE

Cooling sleeves kit, different length, to be used to assure a perfect cooling of the 4" motors when installing the pump inside tank or where a minimum cooling flow is not granted. The sleeve choice must be done according to power and type of the motor as stated by the following table.

| VOLTAGE 50 Hz | MOTOR POWER | | MOTOR TYPE | | |
|------------------|-------------|------|-------------------------------------|-------------------------------------|-------------------------------------|
| | HP | KW | 4GG - 4GX | 40L | 4TW |
| Three-phase | 0,5 | 0,37 | COOLING KIT L400 cod 60125178 | COOLING KIT L400 cod 60125178 | COOLING KIT L525 cod 60125179 |
| | 0,75 | 0,55 | | | COOLING KIT L885 cod 60125180 |
| | 1 | 0,75 | | | |
| | 1,5 | 1,1 | COOLING KIT L525 cod 60125179 | COOLING KIT L525 cod 60125179 | |
| | 2 | 1,5 | | | |
| | 3 | 2,2 | COOLING KIT L885 cod 60125180 | COOLING KIT L885 cod 60125180 | |
| 5 | 3,7 | | | | |

| | | | | |
|-------------|------|------|-------------------------------------|-------------------------------------|
| Three-phase | 0,5 | 0,37 | COOLING KIT L400 cod 60125178 | COOLING KIT L400 cod 60125178 |
| | 0,75 | 0,55 | | |
| | 1 | 0,75 | | |
| | 1,5 | 1,1 | COOLING KIT L525 cod 60125179 | COOLING KIT L525 cod 60125179 |
| | 2 | 1,5 | | |
| | 3 | 2,2 | COOLING KIT L885 cod 60125180 | COOLING KIT L885 cod 60125180 |
| | 4 | 3 | | |
| | 5,5 | 4 | | |
| 7,5 | 5,5 | | | |
| 10 | 7,5 | | | |



| | DESCRIPTION |
|--|---------------------------------------|
| | COOLING SLEEVE KIT L400 |
| | COOLING SLEEVE KIT L525 |
| | COOLING SLEEVE KIT L885 |
| | HORIZONTAL POSITIONING KIT (2 PIECES) |
| | FILTER KIT |

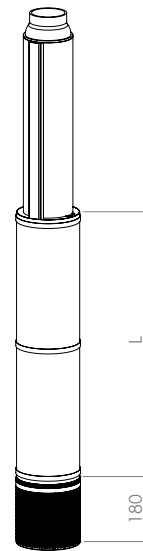
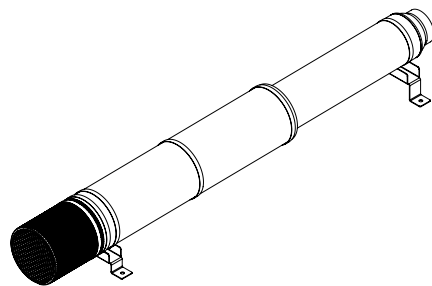
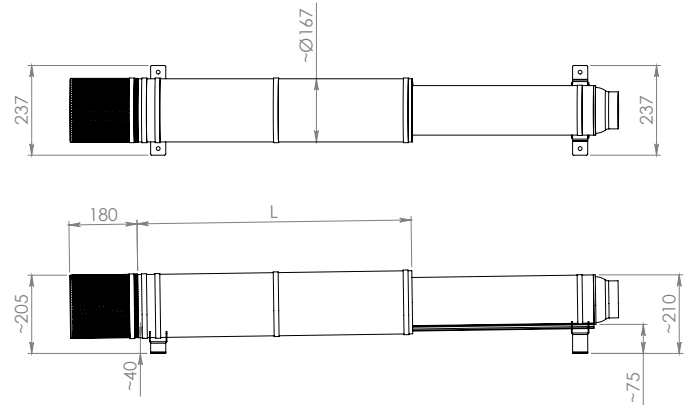
SHOWED IN THE PHOTO: COOLING SLEEVE KIT + HORIZONTAL POSITIONING KIT + FILTER KIT

COOLING SLEEVE FOR 6" MOTOR

SELECTION TABLE

Cooling sleeves kit, different length, to be used to assure a perfect cooling of the 6" motors when installing the pump inside tank or where a minimum cooling flow is not granted. The sleeve choice must be done according to power and type of the motor as stated by the following table.

| VOLTAGE 50 Hz | MOTOR POWER | | MOTOR TYPE | | |
|------------------|-------------|------|--------------------------------|---------------------------------|---------------------------------|
| | HP | kW | 6GF-6GX | TR6 | |
| Three-phase | 5,5 | 4 | COOLING KIT 725 60144213 | COOLING KIT 960 60144217 | |
| | 7,5 | 5,5 | | | |
| | 10 | 7,5 | | | |
| | | 12,5 | 9,3 | COOLING KIT 960 60144217 | COOLING KIT 1220 60144218 |
| | | 15 | 11 | | |
| | | 17,5 | 13 | | |
| | | 20 | 15 | COOLING KIT 1220 60144218 | COOLING KIT 1490 60146397 |
| | | 25 | 18,5 | | |
| | | 30 | 22 | | |
| | | 35 | 26 | COOLING KIT 1220 60144218 | COOLING KIT 1490 60146397 |
| | | 40 | 30 | | |
| | | 50 | 37 | | |



| | DESCRIPTION |
|--|---------------------------------------|
| | COOLING SLEEVE KIT L. 725 |
| | COOLING SLEEVE KIT L. 960 |
| | COOLING SLEEVE KIT L. 1.220 |
| | COOLING SLEEVE KIT L. 1.490 |
| | HORIZONTAL POSITIONING KIT (2 PIECES) |
| | FILTER KIT |

COOLING KIT DE REFRIGERACIÓN + KIT INSTALACIÓN HORIZONTAL + KIT FILTRO



2 ESYBOX WITH ESYTWIN

ELECTRONIC PRESSURIZATION SET

PAGE 536



2 JET

SETS WITH 2 SELF-PRIMING PUMPS

PAGE 566



PUMP GROUPS FOR DOMESTIC USE WITH ACTIVE DRIVER PLUS

SETS WITH 2 SELF-PRIMING PUMPS

PAGE 538



2 EURO / 2 EUROINOX

SETS WITH 2 HORIZONTAL MULTISTAGE EURO

PAGE 568



2/3 NKVE 10-15-20-32-45 MCE/P DCONNECT

VARIABLE SPEED BOOSTER SET WITH MCE-P VARIABLE FREQUENCY DRIVE AND DCONNECT

PAGE 544



2 K

SETS WITH CENTRIFUGAL PUMPS TWIN IMPELLER

PAGE 570



2/3/4 NKVE 10-15-20-32-45 MCE/P

VARIABLE SPEED PRESSURISATION UNITS WITH MCE/P

PAGE 552



1/2/3/4 NKV

FIXED SPEED PRESSURISATION UNITS

PAGE 571



2/3 KVCXE MCE/P DCONNECT

VARIABLE SPEED BOOSTER SET WITH MCE-P VARIABLE FREQUENCY DRIVE AND DCONNECT

PAGE 564



1 KDN COMPACT

FIRE-FIGHTING BOOSTER SETS UNI EN12845 WITH ELECTRIC PUMP AND DIESEL PUMP

PAGE 573

2 ESYBOX WITH ESYTWIN

ELECTRONIC PRESSURIZATION SET



ESYBOX + ESYTWIN is the electronic water pressurization set for domestic and residential environments. The installation of 2 ESYBOX + ESYTWIN does not require any additional components. It consists of two multistage self-priming pumps with inverter electronics, pressure and flow sensors, adjustable high resolution LCD display, and 2 litre built-in expansion vessel for each pump. The water cooled motor, the sound-proofing ABS protection guards, the anti-vibration feet and the electronics, make this a completely silent (45 dB) and compact product. The wireless device facilitates the creation of pressurisation sets and the connection to other DAB devices. **The kit consists of two ESYBOX and one ESYTWIN. The components are supplied disassembled.**

Protection class IP X4

Insulation class F

Pumped Liquid clean, free of solids and abrasives, non-viscous, non-aggressive, non-crystallised and chemically neutral.

Maximum temperature of liquid 40 °C

Maximum ambient temperature 50 °C

Maximum suction capacity self-priming to 8 metres.

Maximum operating pressure 8 bar (800 kPa).

Special executions on request Yes, different voltages or frequencies or support for certain liquids, units with up to six pumps, **version X with material in contact with water in AISI 316**

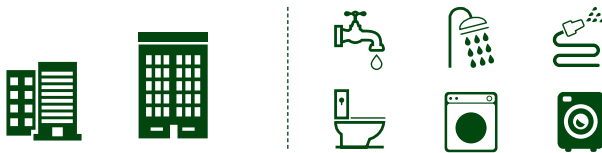
The units are provided already assembled, set up and tested directly at the factory, and with the installation and maintenance instructions and test report.



TECHNICAL DATA

| MODEL | CODE | ELECTRICAL DATA | | | HYDRAULIC DATA | | | | | | | | | | | | | | |
|------------------------|----------|-----------------|--------|--------|----------------|---------|-----|------|------|------|-----|-----|-----|------|------|------|------|------|-----|
| | | VOLTAGE | P1 MAX | I MAX | Q=m³/h | 0 | 1,2 | 2,4 | 3,6 | 4,8 | 6,0 | 7,2 | 8,4 | 9,6 | 10,8 | 12 | 13,2 | 14,4 | |
| | | | 2 x kW | 2 x HP | 2 x A | Q=l/min | 0 | 20 | 40 | 60 | 80 | 100 | 120 | 140 | 160 | 180 | 200 | 220 | 240 |
| KIT 2 ESYBOX + ESYTWIN | 60170272 | 1x220-240 V ~ | 1,55 | 2,1 | 10 | H (m) | 65 | 63,5 | 61,5 | 59,5 | 57 | 53 | 48 | 41,5 | 35 | 27,5 | 19 | 10 | 2 |

APPLICATIONS



Esytwin

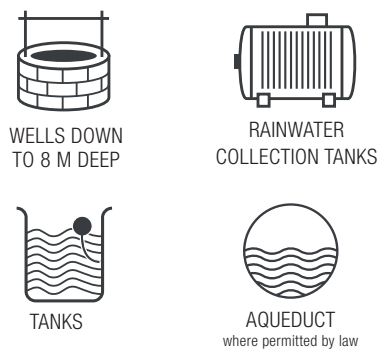
Small and large apartment complexes up to 9 floors and a maximum of 17 apartments.*

*Indicative data. Please refer to the technical catalogue or DNA for correct sizing.

CERTIFICATIONS



SUITABLE FOR PUMPING WATER FROM:



SINGLE ESYBOX DIMENSIONS
57 x 27 x 35 cm

SOUND PRESSURE**
43 db(A)



KIT DIMENSIONS
73 x 75 x 35 cm



discover **esyline**
<https://esyline.dabpumps.com>

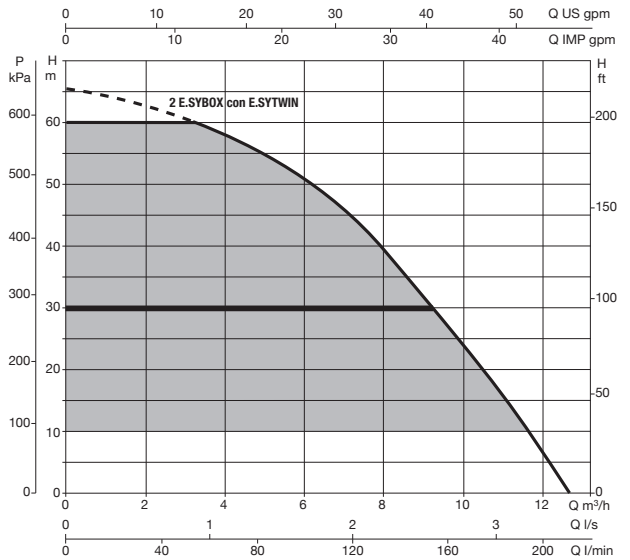
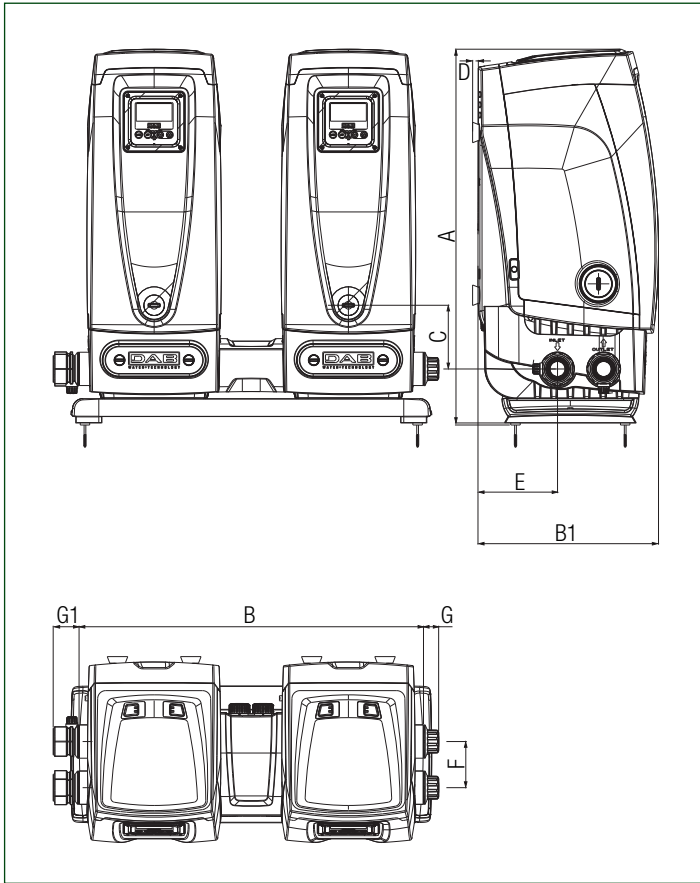


*Compared to a traditional booster set in terms of medium usage conditions.
** Sound pressure measured at 1 meter distance in free field

2 ESYBOX WITH ESYTWIN

ELECTRONIC PRESSURIZATION SET

DIMENSIONS AND WEIGHTS



The performance refers to 2 esybox with esytwin. Pressure drop are included.

| MODELL | A | B | B1 | C | D | E | F | G | G1 | DNA | DNM | PACKING DIMENSIONS | | | VOLUME m ³ | WEIGHT Kg |
|-------------------------------|-----|-----|-----|-----|----|-----|----|----|------|-----|-----|--------------------|------|-----|--------------------------|--------------|
| | | | | | | | | | | | | L/A | L/B | H | | |
| KIT 2 ESYBOX + ESYTWIN | 729 | 672 | 351 | 124 | 11 | 155 | 90 | 30 | 50.5 | 1" | 1" | 720 | 1200 | 620 | 0,53 | 75 |

PUMP GROUPS FOR DOMESTIC USE WITH ACTIVE DRIVER PLUS

VARIABLE SPEED PRESSURISATION UNITS WITH ACTIVE DRIVER PLUS

D+CONNECT



Pump sets equipped with Active Driver are designed and built to meet the constant pressure requirements imposed by modern water distribution system technology. Constant pressure control is used in an increasing number of applications in the most diverse range of sectors: Water pipelines - Irrigation - Industry - Hotels - Residential building - Spa centres. The basic principles that guided our engineers in developing these pump sets were simplicity, flexibility and reliability.

- dry running
 - low power supply voltage
 - surpassing of an adjustable pressure set-point value
 - overheating of Active Driver electronics.
- Sets with two pumps and with three pumps equipped with Active Driver are supplied complete with a protection control unit containing thermal magnetic cut-outs and the power line input terminals.

FUNCTIONS DISPLAYED ON ACTIVE DRIVER

- Pump operating frequency (Hz)
- Instantaneous pressure (bar)
- Pump current draw (ampere)
- Operating alarms

Active Driver EXTERNAL CONNECTIONS (models M/T 2.2 - T/T 3.0 - T/T 5.5 only)
 Inputs: pump disable, pressure switch / float switch to protect against dry running, second pressure Set point.
 Outputs: two voltage-free contacts for alarm / stop signalling, pump running.

All the domestic booster sets with active driver plus included 1 expansion vessel of 8 L and manifolds in stainless steel AISI 304.

SHORT INTRODUCTION TO ACTIVE DRIVER

The Active Driver module is a comprehensive device that includes water pipeline connections, a pressure sensor, a flow sensor, and an electronic inverter. When applied to the discharge line of each electric pump, Active Driver controls the speed of the pump to which it is connected in such a way as to ensure constant pressure irrespective of variations in the water flow rate demand. The water that flows through Active Driver's connections also helps to dissipate the heat produced by the internal electronic components.

OPERATION

As soon as the system pressure drops due to a water demand, just one pump will run in order to meet the flow rate demanded. Starting of the second and third pump occurs in a cascade sequence once the first pump has reached its maximum rotation speed. Pump pressure can be user adjusted by means of the Active Driver + and - keys (usually all pumps are set to the same pressure value). The pumps are stopped automatically in the following situations:

- pump current surge

HIGH EFFICIENCY MOTORS

ACTIVE DRIVER PLUS

PAG. 24



2 JET AD - 2 EURO AD



2 KVC AD

PUMP GROUPS FOR DOMESTIC USE WITH ACTIVE DRIVER PLUS

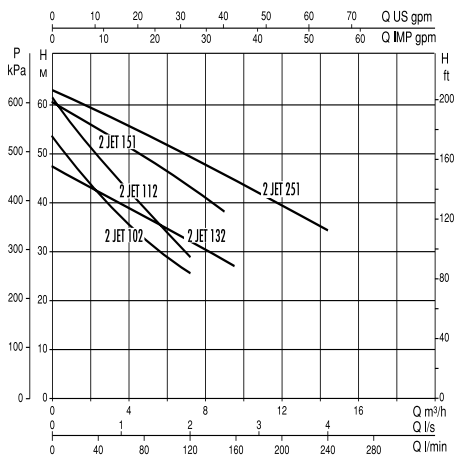
VARIABLE SPEED PRESSURISATION UNITS WITH ACTIVE DRIVER PLUS

TECHNICAL DATA - 2 JET AD / 2 JETINOX AD

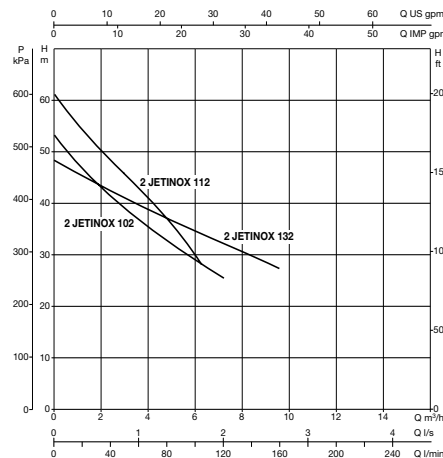
| MODEL | ELECTRICAL DATA | | | | FLOW RATE m ³ /h | MAXIMUM PRESSURE OBTAINABLE BAR | PRESSURE SWITCH SETTING IN BAR |
|---------------------|-----------------|------------|--------|-----------|--------------------------------|---------------------------------------|--------------------------------------|
| | VOLTAGE 60 Hz | P2 NOMINAL | | In A | | | |
| | | kW | HP | | | | |
| 2JET A.D. 102 M | 1x220-230 V~ | 2x0,44 | 2x0,6 | 2x3,8-4 | 6,6-3,0 | 5 | 4 |
| 2JET A.D. 112 M | 1x220-230 V~ | 2x1 | 2x1,36 | 2x6,7-7 | 6,6-3,0 | 5,8 | 4,5 |
| 2JET A.D. 132 M | 1x220-230 V~ | 2x1 | 2x1,36 | 2x7,2-7,6 | 9,6-3,0 | 4,6 | 3,5 |
| 2JET A.D. 151 M | 1x220-230 V~ | 2x1,1 | 2x1,5 | 2x7,65-8 | 9,4-5,0 | 6 | 5 |
| 2JET A.D. 251 T | 1x220-230 V~ | 2x1,85 | 2x2,5 | 2x10,5-11 | 14,4-7,2 | 6 | 5 |
| 2JETINOX A.D. 102 M | 1x220-230 V~ | 2x0,44 | 2x0,6 | 2x3,8-4 | 6,6-3,0 | 5 | 4 |
| 2JETINOX A.D. 112 M | 1x220-230 V~ | 2x1 | 2x1,36 | 2x7,4 | 6,6-3,0 | 5,8 | 4,5 |
| 2JETINOX A.D. 132 M | 1x220-230 V~ | 2x1 | 2x1,36 | 2x7,2-7,6 | 9,6-3,0 | 4,6 | 3,5 |

The sets are delivered packed in strong carton boxes on a wooden pallet, with an instruction and maintenance manual.

2 JET AD

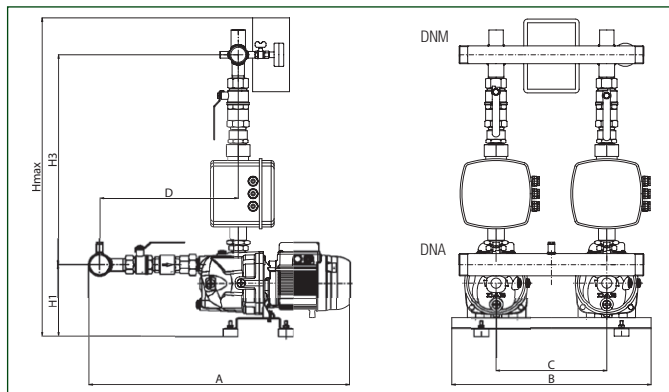


2 JETINOX AD

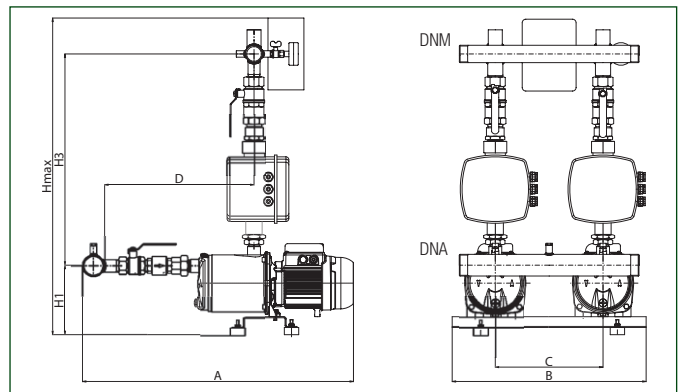


DIMENSIONS AND WEIGHTS - 2 JET AD / 2 JETINOX AD

2 JET AD



2 JETINOX AD



| MODEL | A | B | C | D | H máx | H1 | H3 | DNA | DNM | PACKING DIMENSIONS | | | WEIGHT Kg |
|-------------------|-----|-----|-----|-----|-------|-----|-----|-----|--------|--------------------|-----|------|--------------|
| | | | | | | | | | | L/A | L/B | H | |
| 2JET AD 102 M | 706 | 540 | 300 | 374 | 862 | 193 | 569 | 2" | 1 1/2" | 850 | 610 | 1000 | 56 |
| 2JET AD 112 M | 706 | 540 | 300 | 374 | 862 | 193 | 569 | 2" | 1 1/2" | 850 | 610 | 1000 | 56 |
| 2JET AD 132 M | 706 | 540 | 300 | 374 | 862 | 193 | 569 | 2" | 1 1/2" | 850 | 610 | 1000 | 56 |
| 2JET AD 151 M | 706 | 540 | 300 | 374 | 862 | 193 | 569 | 2" | 1 1/2" | 850 | 610 | 1000 | 96 |
| 2JET AD 251 M | 706 | 540 | 300 | 374 | 862 | 193 | 569 | 2" | 1 1/2" | 850 | 610 | 1000 | 105 |
| 2JETINOX AD 102 M | 755 | 540 | 300 | 416 | 882 | 193 | 588 | 2" | 1 1/2" | 850 | 610 | 1000 | 56 |
| 2JETINOX AD 112 M | 755 | 540 | 300 | 416 | 882 | 193 | 588 | 2" | 1 1/2" | 850 | 610 | 1000 | 56 |
| 2JETINOX AD 132 M | 755 | 540 | 300 | 416 | 882 | 193 | 588 | 2" | 1 1/2" | 850 | 610 | 1000 | 56 |

PUMP GROUPS FOR DOMESTIC USE WITH ACTIVE DRIVER PLUS

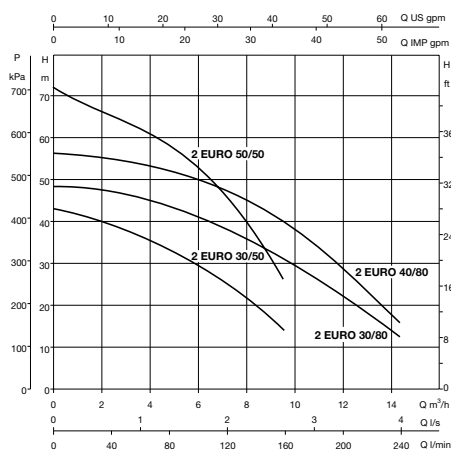
VARIABLE SPEED PRESSURISATION UNITS WITH ACTIVE DRIVER PLUS

TECHNICAL DATA - 2 EURO AD / 2 EUROINOX AD

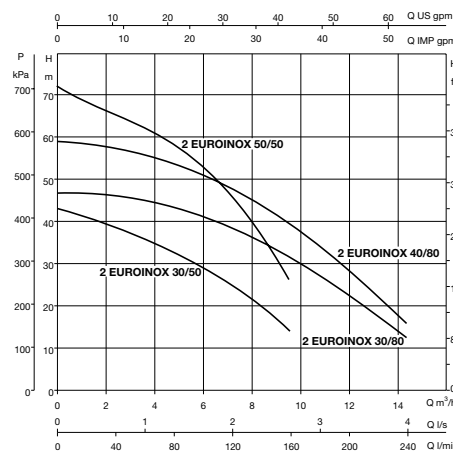
| MODEL | ELECTRICAL DATA | | | | FLOW RATE m ³ /h | MAXIMUM PRESSURE OBTAINABLE BAR | PRESSURE SWITCH SETTING IN BAR |
|------------------------|-----------------|------------|--------|-------------|--------------------------------|---------------------------------------|--------------------------------------|
| | VOLTAGE 60 Hz | P2 NOMINAL | | In A | | | |
| | | KW | HP | | | | |
| 2EURO A.D. 30/50 M | 1x220-230 V~ | 2x0,5 | 2x0,75 | 2x8,31-4,28 | 8,0-4,4 | 3,8 | 3 |
| 2EURO A.D. 50/50 M | 1x220-230 V~ | 2x1 | 2x1,36 | 2x6,12-6,4 | 7,6-5,2 | 6,5 | 5 |
| 2EURO A.D. 30/80 M | 1x220-230 V~ | 2x0,8 | 2x1,1 | 2x6,1-6,4 | 11,0-7,0 | 4,3 | 3,5 |
| 2EURO A.D. 40/80 M | 1x220-230 V~ | 2x1 | 2x1,36 | 2x5,8-6,1 | 10,0-6,0 | 5,5 | 4,5 |
| 2EUROINOX A.D. 30/50 M | 1x220-230 V~ | 2x0,5 | 2x0,75 | 2x8,31-4,28 | 8,0-4,4 | 3,8 | 3 |
| 2EUROINOX A.D. 50/50 M | 1x220-230 V~ | 2x1 | 2x1,36 | 2x6,12-6,4 | 7,6-5,2 | 6,5 | 5 |
| 2EUROINOX A.D. 30/80 M | 1x220-230 V~ | 2x0,8 | 2x1,1 | 2x6,1-6,4 | 11,0-7,0 | 4,3 | 3,5 |
| 2EUROINOX A.D. 40/80 M | 1x220-230 V~ | 2x1 | 2x1,36 | 2x5,8-6,1 | 10,0-6,0 | 5,5 | 4,5 |

The sets are delivered packed in strong carton boxes on a wooden pallet, with an instruction and maintenance manual.

2 EURO AD

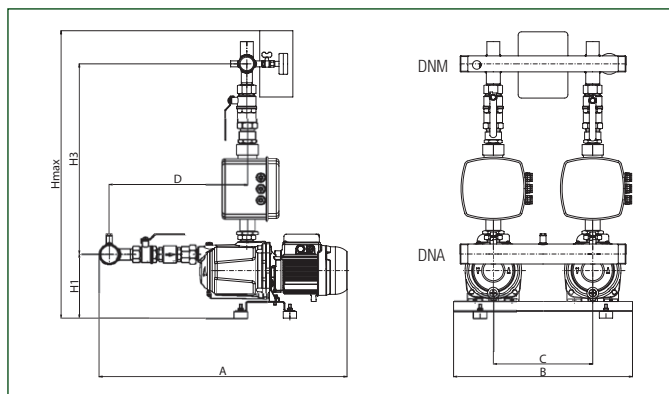


2 EUROINOX AD

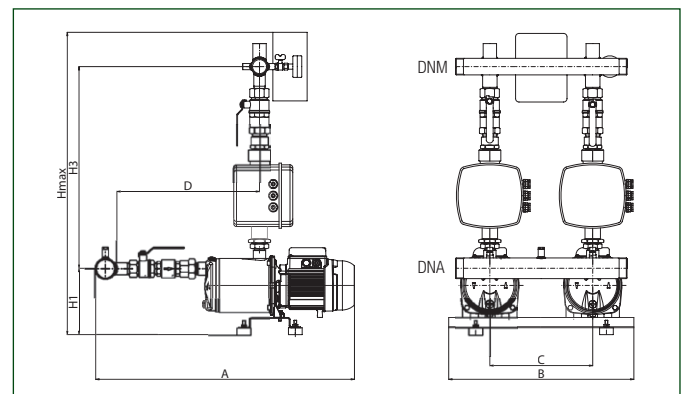


DIMENSIONS AND WEIGHTS - 2 EURO AD / 2 EUROINOX AD

2 EURO AD



2 EUROINOX AD



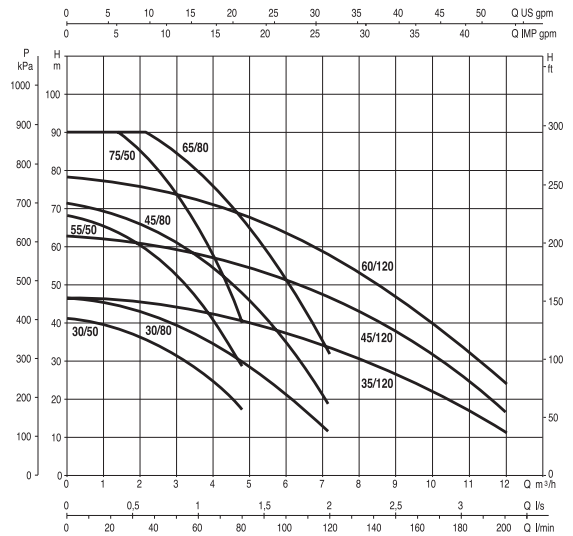
| MODEL | A | B | C | D | H máx | H1 | H3 | DNA | DNM | PACKING DIMENSIONS | | | WEIGHT Kg |
|----------------------|-----|-----|-----|-----|-------|-----|-----|-----|--------|--------------------|-----|------|--------------|
| | | | | | | | | | | L/A | L/B | H | |
| 2EURO AD 30/50 M | 748 | 540 | 300 | 416 | 867 | 194 | 574 | 2" | 1 1/2" | 850 | 610 | 1000 | 57 |
| 2EURO AD 50/50 M | 748 | 540 | 300 | 416 | 867 | 194 | 574 | 2" | 1 1/2" | 850 | 610 | 1000 | 57 |
| 2EURO AD 30/80 M | 748 | 540 | 300 | 416 | 867 | 194 | 574 | 2" | 1 1/2" | 850 | 610 | 1000 | 57 |
| 2EURO AD 40/80 M | 748 | 540 | 300 | 416 | 867 | 194 | 574 | 2" | 1 1/2" | 850 | 610 | 1000 | 57 |
| 2EUROINOX AD 30/50 M | 755 | 540 | 300 | 416 | 882 | 193 | 588 | 2" | 1 1/2" | 850 | 610 | 1000 | 57 |
| 2EUROINOX AD 50/50 M | 755 | 540 | 300 | 416 | 882 | 193 | 588 | 2" | 1 1/2" | 850 | 610 | 1000 | 57 |
| 2EUROINOX AD 30/80 M | 755 | 540 | 300 | 416 | 882 | 193 | 588 | 2" | 1 1/2" | 850 | 610 | 1000 | 57 |
| 2EUROINOX AD 40/80 M | 755 | 540 | 300 | 416 | 882 | 193 | 588 | 2" | 1 1/2" | 850 | 610 | 1000 | 57 |

PUMP GROUPS FOR DOMESTIC USE WITH ACTIVE DRIVER PLUS

VARIABLE SPEED PRESSURISATION UNITS WITH ACTIVE DRIVER PLUS

TECHNICAL DATA - 1 KVC AD

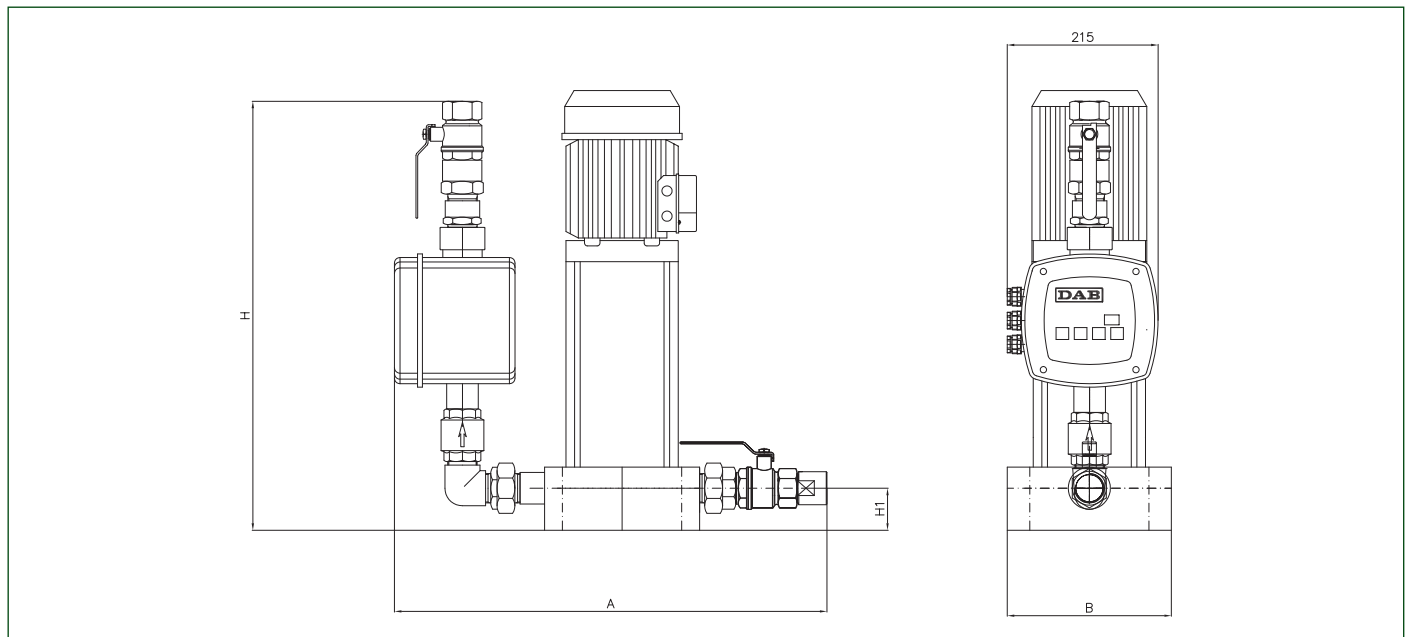
| MODEL | ELECTRICAL DATA | | | FLOW RATE m ³ /h | MAX PRESSURE OBTAINABLE BAR | PRESSURE SWITCH SETTING IN BAR | |
|---------------------|-----------------|------------|------|--------------------------------|-----------------------------------|---|-----|
| | VOLTAGE 60 Hz | P2 NOMINAL | | | | | |
| | | kW | HP | | | | |
| 1 KVC A.D. 30/50 M | 1x220-240 V~ | 0,55 | 0,75 | 4,1 | 4,5-1 | 4 | 3,5 |
| 1 KVC A.D. 55/50 M | 1x220-240 V~ | 1 | 1,36 | 7,6 | 4,5-1 | 6,5 | 5,5 |
| 1 KVC A.D. 75/50 M | 1x220-240 V~ | 1,5 | 2 | 10,7 | 4,5-1 | 9,2 | 8 |
| 1 KVC A.D. 30/80 M | 1x220-240 V~ | 0,8 | 1,1 | 6,5 | 7+2 | 4,5 | 3,5 |
| 1 KVC A.D. 45/80 M | 1x220-240 V~ | 1,1 | 1,5 | 9,3 | 7+2 | 6,6 | 5,5 |
| 1 KVC A.D. 65/80 M | 1x220-240 V~ | 2,2 | 3 | 12 | 7+2 | 9,2 | 8 |
| 1 KVC A.D. 35/120 M | 1x220-240 V~ | 1,1 | 1,5 | 10,4 | 11-2 | 4,4 | 3,5 |
| 1 KVC A.D. 45/120 M | 1x220-240 V~ | 1,85 | 2,50 | 13,6 | 11-2 | 6,0 | 5,0 |
| 1 KVC A.D. 60/120 T | 3x400V~ | 2,2 | 3 | 5,4 | 11-2 | 7,5 | 6 |
| 1 KVC A.D. 70/120 T | 3x400V~ | 3 | 4 | 6,8 | 11-2 | 9,5 | 7 |
| 1 KVC A.D. 85/120 T | 3x400V~ | 3 | 34 | 7,8 | 11-2 | 11 | 8 |



The sets are delivered packed in strong carton boxes on a wooden pallet, with an instruction and maintenance manual.

DIMENSIONS AND WEIGHTS - 1 KVC AD

1 KVC AD



| MODEL | A | B | C | D | H máx | H1 | H3 | DNA | DNM | PACKING DIMENSIONS | | | WEIGHT Kg |
|---------------------|-----|-----|---|---|-------|----|----|--------|--------|--------------------|-----|------|--------------|
| | | | | | | | | | | L/A | L/B | H | |
| 1 KVC A.D. 30/50 M | 530 | 250 | - | - | 620 | 60 | - | 1 1/4" | 1 1/4" | 850 | 610 | 1000 | 32 |
| 1 KVC A.D. 55/50 M | 530 | 250 | - | - | 620 | 60 | - | 1 1/4" | 1 1/4" | 850 | 610 | 1000 | 35 |
| 1 KVC A.D. 75/50 M | 530 | 250 | - | - | 620 | 60 | - | 1 1/4" | 1 1/4" | 850 | 610 | 1000 | 39 |
| 1 KVC A.D. 30/80 M | 530 | 250 | - | - | 620 | 60 | - | 1 1/4" | 1 1/4" | 850 | 610 | 1000 | 34 |
| 1 KVC A.D. 45/80 M | 530 | 250 | - | - | 620 | 60 | - | 1 1/4" | 1 1/4" | 850 | 610 | 1000 | 38 |
| 1 KVC A.D. 65/80 M | 530 | 250 | - | - | 620 | 60 | - | 1 1/4" | 1 1/4" | 850 | 610 | 1000 | 40 |
| 1 KVC A.D. 35/120 M | 530 | 250 | - | - | 620 | 60 | - | 1 1/4" | 1 1/4" | 850 | 610 | 1000 | 34 |
| 1 KVC A.D. 45/120 M | 530 | 250 | - | - | 620 | 60 | - | 1 1/4" | 1 1/4" | 850 | 610 | 1000 | 35 |
| 1 KVC A.D. 60/120 T | 530 | 250 | - | - | 620 | 60 | - | 1 1/4" | 1 1/4" | 850 | 610 | 1000 | 39 |
| 1 KVC A.D. 70/120 T | 530 | 250 | - | - | 620 | 60 | - | 1 1/4" | 1 1/4" | 850 | 610 | 1000 | 41 |
| 1 KVC A.D. 85/120 T | 530 | 234 | - | - | 620 | 60 | - | 1 1/4" | 1 1/4" | 850 | 610 | 1000 | 42 |

PUMP GROUPS FOR DOMESTIC USE WITH ACTIVE DRIVER PLUS

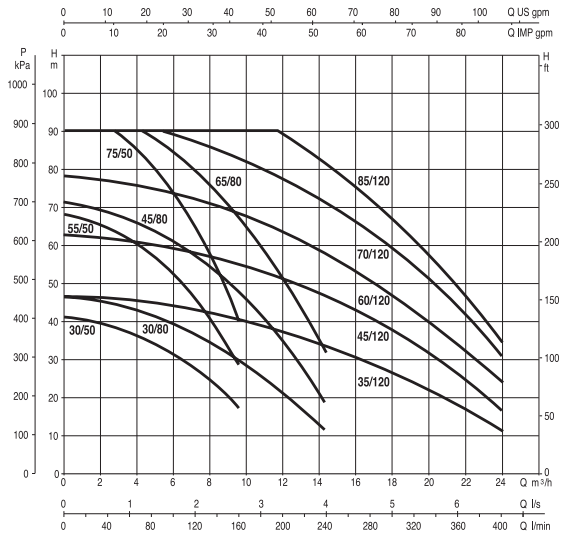
VARIABLE SPEED PRESSURISATION UNITS WITH ACTIVE DRIVER PLUS

TECHNICAL DATA - 2 KVC AD

| MODEL | ELECTRICAL DATA | | | | FLOW RATE m ³ /h | MAX PRESSURE OBTAINABLE BAR | PRESSURE SWITCH SETTING IN BAR |
|------------------------|-----------------|------------|--------|---------|--------------------------------|-----------------------------------|---|
| | VOLTAGE 60 Hz | P2 NOMINAL | | In A | | | |
| | | kW | HP | | | | |
| 2 KVC A.D. 30/50 M | 1x220-240 V~ | 2x0,55 | 2x0,75 | 2x4,1 | 9-1 | 4 | 3,5 |
| 2 KVC A.D. 55/50 M | 1x220-240 V~ | 2x1 | 2x1,36 | 2x7,6 | 9-1 | 6,5 | 5,5 |
| 2 KVC A.D. 55/50 T | 3x400 | 2x1 | 2x1,36 | 2x2,7 | 9-1 | 6,5 | 5,5 |
| 2 KVC A.D. 75/50 T / N | 3x400 V~ + N * | 2x1,5 | 2x2 | 2x10,7 | 9-1 | 9,5 | 8 |
| 2 KVC A.D. 75/50 T | 3x400 V~ + N * | 2x1,5 | 2x2 | 2x10,7 | 9-1 | 9,5 | 8 |
| 2 KVC A.D. 30/80 M | 1x220-240 V~ | 2x0,8 | 2x1,1 | 2x6,5 | 14+2 | 4,5 | 3,5 |
| 2 KVC A.D. 30/80 T | 3x400 | 2x0,8 | 2x1,1 | 2x2,3 | 14-2 | 4,5 | 3,5 |
| 2 KVC A.D. 45/80 M | 1x220-240 V~ | 2x1,1 | 2x1,5 | 2x9,3 | 14+2 | 6,6 | 5,5 |
| 2 KVC A.D. 45/80 T | 3x400 | 2x1,1 | 2x1,5 | 2x3,2 | 14-2 | 6,6 | 5,5 |
| 2 KVC A.D. 65/80 T / N | 3x400 V~ + N * | 2x2,2 | 2x3 | 2x12 | 14+2 | 9,5 | 8 |
| 2 KVC A.D. 65/80 T | 3x400 V~ + N * | 2x2,2 | 2x3 | 2x12 | 14+2 | 9,5 | 8 |
| 2 KVC A.D. 35/120 M | 1x220-240 V~ | 2x1,1 | 2x1,5 | 2x10,4 | 22-2 | 4,4 | 3,5 |
| 2 KVC A.D. 35/120 T | 3x400 | 2x1,1 | 2x1,5 | 2x3,6 | 22-2 | 4,4 | 3,5 |
| 2 KVC A.D. 45/120 M | 1x220-240 V~ | 2x1,85 | 2x2,50 | 2x13,6 | 22-2 | 6,0 | 5,0 |
| 2 KVC A.D. 45/120 T | 3x400 | 2x1,85 | 2x2,50 | 2x4,7 | 22-2 | 6 | 5 |
| 2 KVC A.D. 60/120 T | 3x400 V~ | 2x2,2 | 2x3 | 2x5,4 | 22-2 | 7,5 | 6 |
| 2 KVC A.D. 70/120 T | 3x400 V~ | 2x3,0 | 2x4 | 2x6,80 | 22-2 | 9,5 | 7 |
| 2 KVC A.D. 85/120 T | 3x400 V~ | 2x3,0 | 2x4 | 2x7,80 | 22-2 | 11 | 8 |

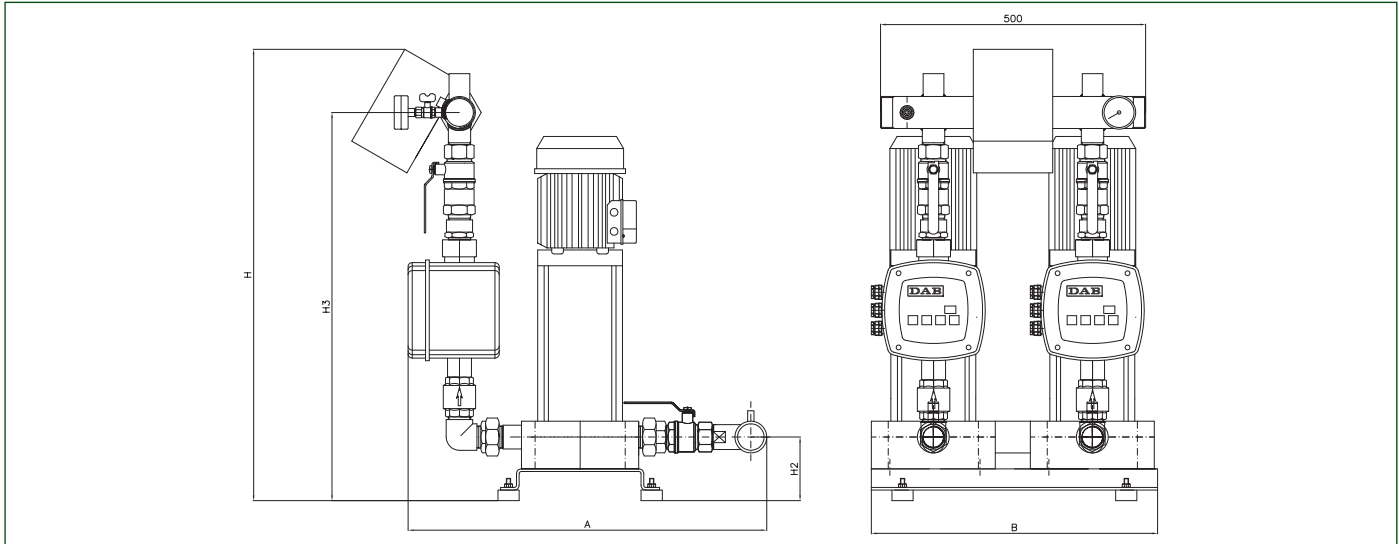
The sets are delivered packed in strong carton boxes on a wooden pallet, with an instruction and maintenance manual.

* On request available with single-phase VOLTAGE (1x220-240 V~).



DIMENSIONS AND WEIGHTS - 2 KVC AD

2 KVC AD



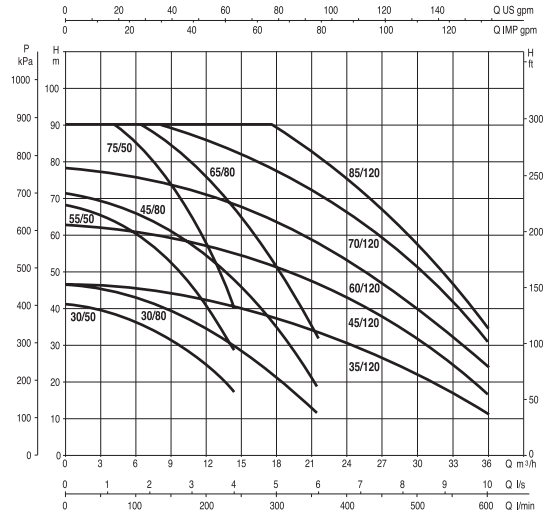
| MODEL | A | B | H | H2 | H3 | DNA | DNM | PACKING DIMENSIONS | | | WEIGHT Kg |
|-----------------|-----|-----|-----|-----|-----|-----|-----|--------------------|-----|------|--------------|
| | | | | | | | | L/A | L/B | H | |
| 2 KVC AD 30/50 | 660 | 550 | 830 | 100 | 710 | 2" | 2" | 1000 | 610 | 1000 | 76 |
| 2 KVC AD 55/50 | 660 | 550 | 830 | 100 | 710 | 2" | 2" | 1000 | 610 | 1000 | 83 |
| 2 KVC AD 75/50 | 660 | 550 | 830 | 100 | 710 | 2" | 2" | 1000 | 610 | 1000 | 91 |
| 2 KVC AD 30/80 | 660 | 550 | 830 | 100 | 710 | 2" | 2" | 1000 | 610 | 1000 | 80 |
| 2 KVC AD 45/80 | 660 | 550 | 830 | 100 | 710 | 2" | 2" | 1000 | 610 | 1000 | 89 |
| 2 KVC AD 65/80 | 660 | 550 | 830 | 100 | 710 | 2" | 2" | 1000 | 610 | 1000 | 93 |
| 2 KVC AD 35/120 | 660 | 550 | 830 | 100 | 710 | 2" | 2" | 1000 | 610 | 1000 | 81 |
| 2 KVC AD 45/120 | 660 | 550 | 830 | 100 | 710 | 2" | 2" | 1000 | 610 | 1000 | 83 |
| 2 KVC AD 60/120 | 660 | 550 | 830 | 100 | 710 | 2" | 2" | 1000 | 610 | 1000 | 89 |
| 2 KVC AD 70/120 | 660 | 550 | 830 | 100 | 710 | 2" | 2" | 1000 | 610 | 1000 | 95 |
| 2 KVC AD 85/120 | 660 | 550 | 830 | 100 | 710 | 2" | 2" | 1000 | 610 | 1000 | 97 |

PUMP GROUPS FOR DOMESTIC USE WITH ACTIVE DRIVER PLUS

VARIABLE SPEED PRESSURISATION UNITS WITH ACTIVE DRIVER PLUS

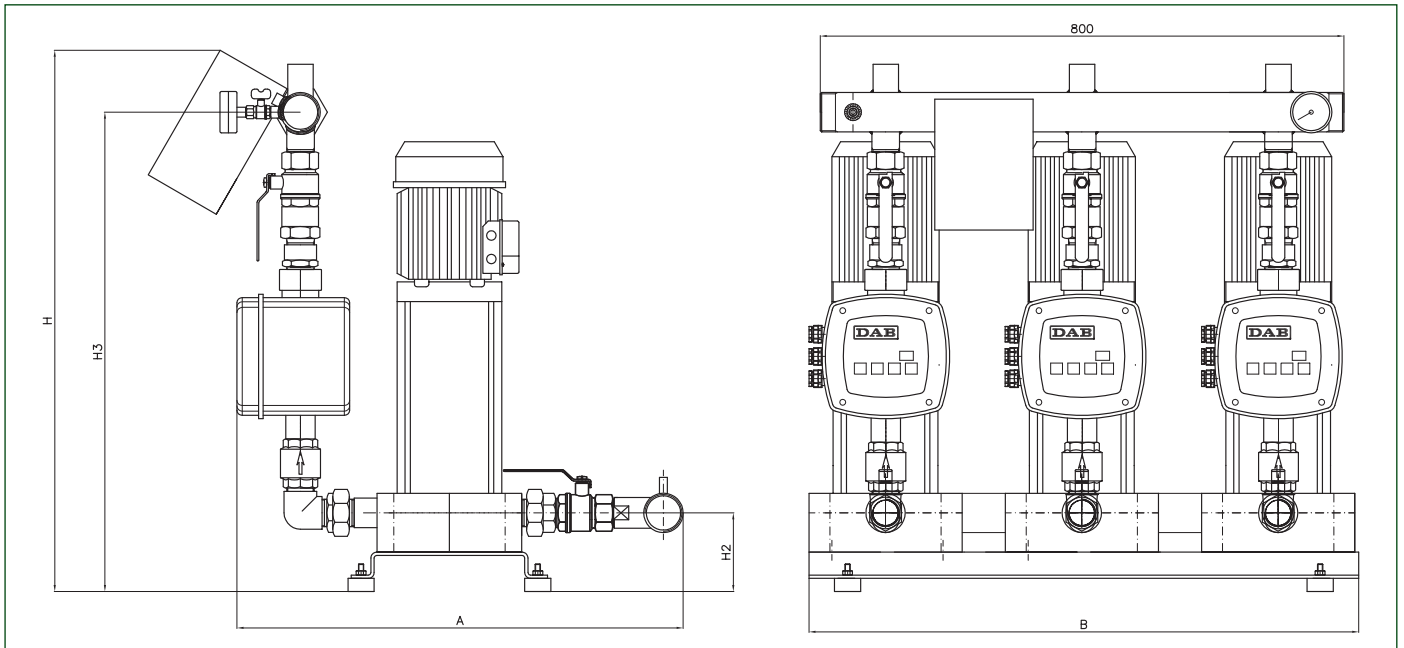
TECHNICAL DATA - 3 KVC AD

| MODEL | ELECTRICAL DATA | | | FLOW RATE m ³ /h | MAX PRESSURE OBTAINABLE BAR | PRESSURE SWITCH SETTING IN BAR | |
|-------------------------|-----------------|------------|--------|--------------------------------|-----------------------------------|---|-----|
| | VOLTAGE 60 Hz | P2 NOMINAL | | | | | |
| | | kW | HP | | | | |
| 3 KVC A.D. 30/50 M | 1x220-240V~ | 3x0,55 | 3x0,75 | 3x4,1 | 13,5-1 | 4 | 3,5 |
| 3 KVC A.D. 55/50 T / N | 3x400V~ + N* | 3x1 | 3x1,36 | 3x7,6 | 13,5-1 | 6,5 | 5,5 |
| 3 KVC A.D. 75/50 T / N | 3x400V~ + N* | 3x1,5 | 3x2 | 3x10,7 | 13,5-1 | 9,5 | 8 |
| 3 KVC A.D. 30/80 T / N | 3x400V~ + N* | 3x0,8 | 3x1,1 | 3x6,5 | 21-2 | 4,5 | 3,5 |
| 3 KVC A.D. 45/80 T / N | 3x400V~ + N* | 3x1,1 | 3x1,5 | 3x9,3 | 21-2 | 6,6 | 5,5 |
| 3 KVC A.D. 65/80 T / N | 3x400V~ + N* | 3x2,2 | 3x3 | 3x12 | 21-2 | 9,5 | 8 |
| 3 KVC A.D. 35/120 T / N | 3x400V~ + N* | 3x1,1 | 3x1,5 | 3x10,4 | 33-2 | 4,4 | 3,5 |
| 3 KVC A.D. 35/120 T | 3x400V~ + N* | 3x1,1 | 3x1,5 | 3x10,4 | 33-2 | 4,4 | 3,5 |
| 3 KVC A.D. 45/120 T / N | 3x400V~ + N* | 3x1,85 | 3x2,5 | 3x13,6 | 33-2 | 6,0 | 5,0 |
| 3 KVC A.D. 45/120 T | 3x400V~ + N* | 3x1,85 | 3x2,5 | 3x13,6 | 33-2 | 6,0 | 5,0 |
| 3 KVC A.D. 60/120 T | 3x400V~ | 3x2,2 | 3x3 | 3x5,4 | 33-2 | 7,5 | 6 |
| 3 KVC A.D. 70/120 T | 3x400V~ | 3x3,0 | 3x4 | 3x6,80 | 33-2 | 9,5 | 7 |
| 3 KVC A.D. 85/120 T | 3x400V~ | 3x3,0 | 3x4 | 3x7,80 | 33-2 | 11 | 8 |



DIMENSIONS AND WEIGHTS - 3 KVC AD

3 KVC AD



| MODEL | A | B | H | H2 | H3 | DNA | DNM | PACKING DIMENSIONS | | | WEIGHT Kg |
|-------------------------|-----|-----|-----|-----|-----|--------|--------|--------------------|-----|------|--------------|
| | | | | | | | | L/A | L/B | H | |
| 3 KVC A.D. 30/50 M | 750 | 900 | 740 | 100 | 710 | 2 1/2" | 2 1/2" | 1000 | 800 | 1400 | 97 |
| 3 KVC A.D. 55/50 T / N | 750 | 900 | 740 | 100 | 710 | 2 1/2" | 2 1/2" | 1000 | 800 | 1400 | 97 |
| 3 KVC A.D. 75/50 T / N | 750 | 900 | 740 | 100 | 710 | 2 1/2" | 2 1/2" | 1000 | 800 | 1400 | 97 |
| 3 KVC A.D. 30/80 T / N | 750 | 900 | 740 | 100 | 710 | 2 1/2" | 2 1/2" | 1000 | 800 | 1400 | 97 |
| 3 KVC A.D. 45/80 T / N | 750 | 900 | 740 | 100 | 710 | 2 1/2" | 2 1/2" | 1000 | 800 | 1400 | 97 |
| 3 KVC A.D. 65/80 T / N | 750 | 900 | 740 | 100 | 710 | 2 1/2" | 2 1/2" | 1000 | 800 | 1400 | 97 |
| 3 KVC A.D. 35/120 T / N | 750 | 900 | 740 | 100 | 710 | 2 1/2" | 2 1/2" | 1000 | 800 | 1400 | 97 |
| 3 KVC A.D. 35/120 T | 750 | 900 | 740 | 100 | 710 | 2 1/2" | 2 1/2" | 1000 | 800 | 1400 | 156 |
| 3 KVC A.D. 45/120 T / N | 750 | 900 | 740 | 100 | 710 | 2 1/2" | 2 1/2" | 1000 | 800 | 1400 | 156 |
| 3 KVC A.D. 45/120 T | 750 | 900 | 740 | 100 | 710 | 2 1/2" | 2 1/2" | 1000 | 800 | 1400 | 153 |
| 3 KVC A.D. 60/120 T | 750 | 900 | 740 | 100 | 710 | 2 1/2" | 2 1/2" | 1000 | 800 | 1400 | 153 |
| 3 KVC A.D. 70/120 T | 750 | 900 | 740 | 100 | 710 | 2 1/2" | 2 1/2" | 1000 | 800 | 1400 | 153 |
| 3 KVC A.D. 85/120 T | 750 | 900 | 740 | 100 | 710 | 2 1/2" | 2 1/2" | 1000 | 800 | 1400 | 153 |

2/3 NKVE 10 - 15 - 20 - 32 - 45 MCE/P DCONNECT

VARIABLE SPEED BOOSTER SET WITH MCE-P VARIABLE FREQUENCY DRIVE AND DCONNECT

HIGH EFFICIENCY MOTORS

DCONNECT



New variable speed booster sets with MCE-P variable frequency drive for pressurization in commercial building service and for irrigation in agriculture. Booster sets with 2 or 3 NKV multi-impeller pumps. The models with NKV 10, 15, 20 S have the parts in contact with the liquid in AISI 304 stainless steel. Models with NKV 32, 45 have the pump body and upper flange in cataphorized cast iron, impellers, diffusers and pump jacket in AISI 304 stainless steel. The MCE-P variable frequency drive is installed on the pump and allows constant pressure. There is a protection switchboard per group. One check valve, one pressure transmitter and one expansion tank for each pump. Steel inlet and outlet manifolds in stainless steel AISI 304. On request it is available the X version with materials in contact with water in AISI 316 stainless steel. The booster sets are supplied assembled, set up and tested directly at the factory and complete with installation, maintenance instructions and test report. Pumps coupled by rigid coupling to a high energy efficiency electric motors (IE3).

DConnect Box (installed in a IP 65 panel) included as standard. The cloud service is manageable from the internetofpumps.com website or from the DConnect App (for Android or iOS) it is possible to control installations even remotely and receive alarms in real time through an extremely functional and clear user interface.

Operating range up to 280 m³/h with head of up to 102 metres

Pumped liquid Clean, free of solids and abrasives, non-viscous, non-aggressive, non-crystallised and chemically neutral

Liquid temperature range from 0°C to +120°C (80°C with expansion vessel installed)

Maximum ambient temperature +50°C

Maximum operating pressure 16 bar / 1600 kPa

Protection class IP55

Special executions on request Yes, different voltages or frequencies or support for certain liquids, units with up to six pumps, **version X with material in contact with water in AISI 316**

The units are provided already assembled, set up and tested directly at the factory, and with the installation and maintenance instructions and test report.

The units comprise 1 x 18-litre expansion vessel for each pump and delivery and suction manifolds in AISI 304 stainless steel



TECHNICAL DATA

| MODEL | ELECTRICAL DATA | | | FLOW RATE m ³ /h | MAX PRESSURE OBTAINABLE BAR | STANDARD PRESSURE | DNA | DNM | WEIGHT Kg | |
|--------------------------------|------------------|------------|-------|--------------------------------|-----------------------------------|----------------------|-----|------|--------------|-----|
| | VOLTAGE 60 Hz | P2 NOMINAL | | | | | | | | |
| | | kW | HP | | | | | | | |
| 2NKVE 10/6 T MCE 400 DCONNECT | 3 X 400V ~ | 2x2.2 | 2x3 | 2x5.4 | 26 | 6 | 5.0 | 2" ½ | 2" ½ | 187 |
| 2NKVE 10/7 T MCE 400 DCONNECT | 3 X 400V ~ | 2x3 | 2x4 | 2x7.37 | 26 | 7 | 6 | 2" ½ | 2" ½ | 214 |
| 2NKVE 10/8 T MCE 400 DCONNECT | 3 X 400V ~ | 2x3 | 2x4 | 2x7.37 | 26 | 8 | 6.5 | 2" ½ | 2" ½ | 216 |
| 2NKVE 10/10 T MCE 400 DCONNECT | 3 X 400V ~ | 2x4 | 2x5.5 | 2x10.1 | 26 | 10 | 8.5 | 2" ½ | 2" ½ | 237 |
| 2NKVE 10/12 T MCE 400 DCONNECT | 3 X 400V ~ | 2x4 | 2x5.5 | 2x10.1 | 26 | 12 | 10 | 2" ½ | 2" ½ | 240 |
| 2NKVE 15/3 T MCE 400 DCONNECT | 3 X 400V ~ | 2x3 | 2x4 | 2x7.37 | 48 | 4 | 3.5 | 100 | 80 | 238 |
| 2NKVE 15/4 T MCE 400 DCONNECT | 3 X 400V ~ | 2x4 | 2x5.5 | 2x10.1 | 48 | 5 | 4 | 100 | 80 | 258 |
| 2NKVE 15/5 T MCE 400 DCONNECT | 3 X 400V ~ | 2x4 | 2x5.5 | 2x10.1 | 48 | 6.5 | 5 | 100 | 80 | 261 |
| 2NKVE 15/6 T MCE 400 DCONNECT | 3 X 400V ~ | 2x5.5 | 2x7.5 | 13,1 | 48 | 7.5 | 6.5 | 100 | 80 | 317 |
| 2NKVE 15/7 T MCE 400 DCONNECT | 3 X 400V ~ | 2x5.5 | 2x7.5 | 2x13.1 | 48 | 9 | 8 | 100 | 80 | 319 |
| 2NKVE 20/3 T MCE 400 DCONNECT | 3 X 400V ~ | 2x4 | 2x5.5 | 2x10.1 | 58 | 4 | 3.5 | 100 | 80 | 228 |
| 2NKVE 20/4 T MCE 400 DCONNECT | 3 X 400V ~ | 2x5.5 | 2x7.5 | 2x13.1 | 58 | 6 | 5 | 100 | 80 | 256 |
| 2NKV 20/5 T MCE 400 DCONNECT | 3 X 400V ~ | 2x5.5 | 2x7.5 | 2x13.1 | 58 | 7 | 6 | 100 | 80 | 260 |
| 2NKVE 32/3 T MCE 400 DCONNECT | 3 x 400V ~ | 2x7,5 | 2x10 | 2x17,6 | 90 | 7,3 | 6 | 125 | 100 | 506 |
| 2NKVE 45/3 T MCE 400 DCONNECT | 3 x 400V ~ | 2x11 | 2x15 | 2x25,5 | 140 | 7,3 | 6,5 | 150 | 125 | 620 |

2/3 NKVE 10 - 15 - 20 - 32 - 45 MCE/P DCONNECT

VARIABLE SPEED BOOSTER SET WITH MCE-P VARIABLE FREQUENCY DRIVE AND DCONNECT

| MODEL | ELECTRICAL DATA | | | | FLOW RATE m ³ /h | MAX PRESSURE OBTAINABLE BAR | STANDARD PRESSURE | DNA | DNM | WEIGHT Kg |
|--------------------------------|------------------|------------|-------|---------|--------------------------------|-----------------------------------|----------------------|-----|-----|--------------|
| | VOLTAGE 60 Hz | P2 NOMINAL | | In A | | | | | | |
| | | kW | HP | | | | | | | |
| 3NKVE 10/9 T MCE 400 DCONNECT | 3 X 400 V ~ | 3x3 | 3x4 | 3x7.37 | 39 | 9 | 7.7 | 80 | 80 | 473 |
| 3NKVE 10/10 T MCE 400 DCONNECT | 3 X 400 V ~ | 3x4 | 3x5.5 | 3x10.1 | 39 | 10 | 8.5 | 80 | 80 | 503 |
| 3NKVE 10/15 T MCE 400 DCONNECT | 3 X 400 V ~ | 3x5.5 | 3x7.5 | 3x13.1 | 39 | 14 | 10 | 80 | 80 | 593 |
| 3NKVE 15/3 T MCE 400 DCONNECT | 3 X 400 V ~ | 3x3 | 3x4 | 3x7.37 | 72 | 4 | 3.5 | 125 | 100 | 486 |
| 3NKVE 15/4 T MCE 400 DCONNECT | 3 X 400 V ~ | 3x4 | 3x5.5 | 3x10.1 | 72 | 5 | 4 | 125 | 100 | 516 |
| 3NKVE 15/5 T MCE 400 DCONNECT | 3 X 400 V ~ | 3x4 | 3x5.5 | 3x10.1 | 72 | 6.5 | 5 | 125 | 100 | 520 |
| 3NKVE 15/7 T MCE 400 DCONNECT | 3 X 400 V ~ | 3x5.5 | 3x7.5 | 3x13.1 | 72 | 9 | 8 | 125 | 100 | 608 |
| 3NKVE 20/4 T MCE 400 DCONNECT | 3 X 400 V ~ | 3x5.5 | 3x7.5 | 3x13.1 | 87 | 6 | 5 | 125 | 100 | 513 |
| 3NKVE 20/5 T MCE 400 DCONNECT | 3 X 400 V ~ | 3x5.5 | 3x7.5 | 3x13.1 | 87 | 7 | 6 | 125 | 100 | 519 |
| 3NKVE 20/7 T MCE 400 DCONNECT | 3 X 400 V ~ | 3x7.5 | 3x10 | 3x17.6 | 87 | 10 | 9 | 125 | 100 | 559 |
| 3NKVE 32/3 T MCE 400 DCONNECT | 3 x 400 V ~ | 3x7,5 | 3x10 | 3x17,6 | 135 | 7,3 | 6 | 150 | 125 | 759 |

DCONNECT

COMMAND AND
CONTROL SYSTEMSCIRCULATORS AND
IN-LINE PUMPSMULTIUSAGE CENTRIFUGAL
AND SELF-PRIMING PUMPSSWIMMING POOL, POND AND
SALT WATER PUMPS

CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

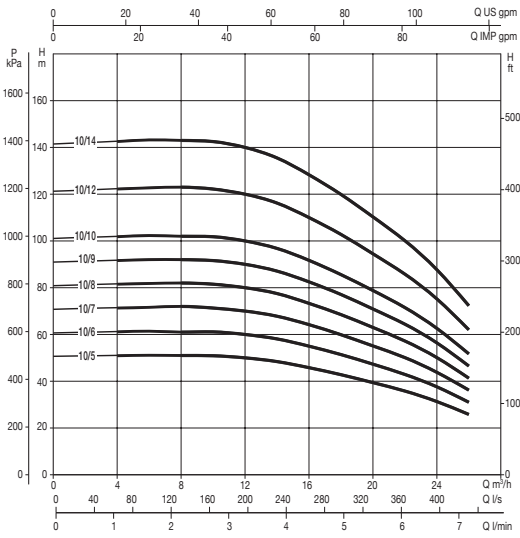
SUBMERSIBLE PUMPS
AND SUBMERSIBLE MOTORS

PRESSURE UNITS

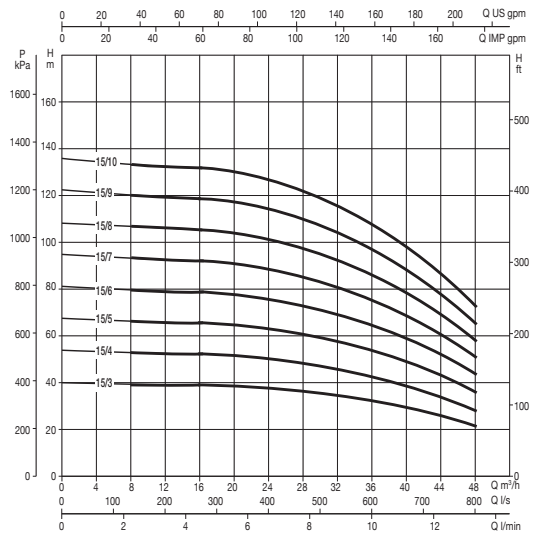
2/3 NKVE 10 - 15 - 20 - 32 - 45 MCE/P DCONNECT

VARIABLE SPEED BOOSTER SET WITH MCE-P VARIABLE FREQUENCY DRIVE AND DCONNECT

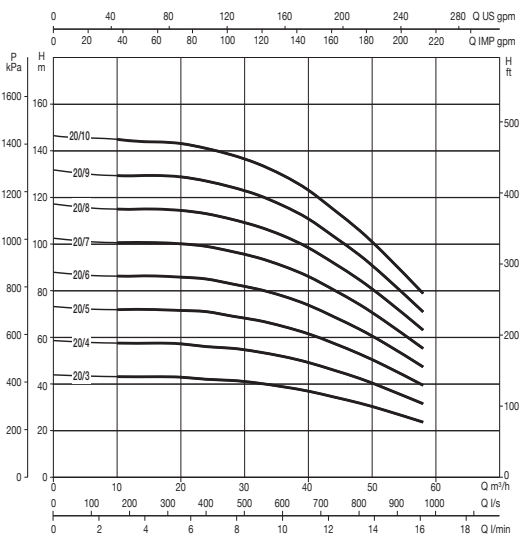
2 NKVE 10



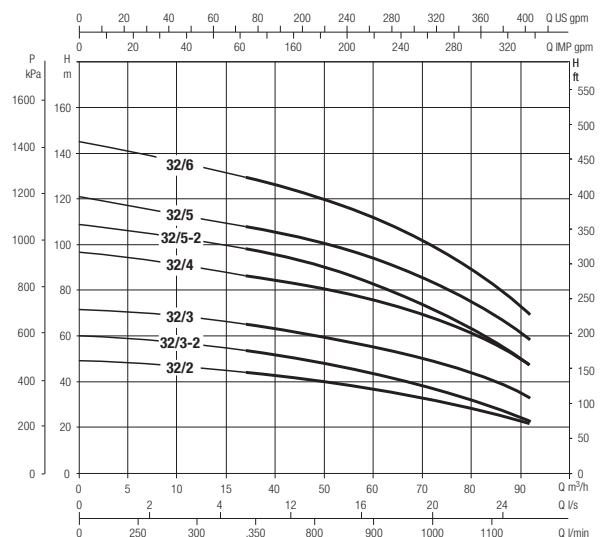
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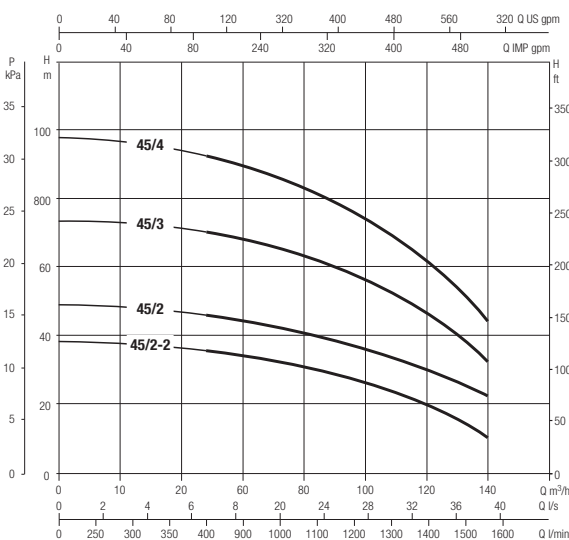
2 NKVE 20



2 NKVE 32



2 NKVE 45



DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

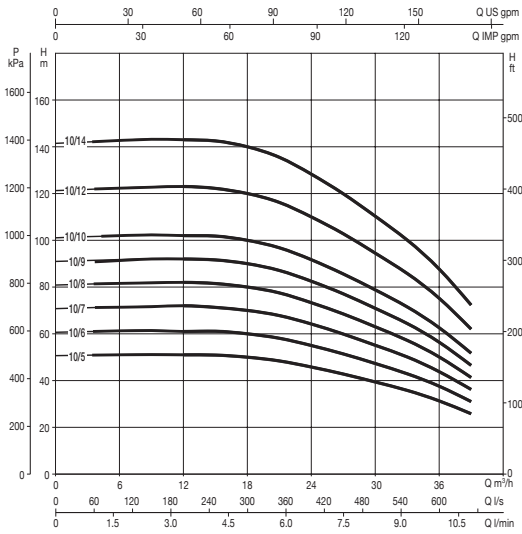
SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

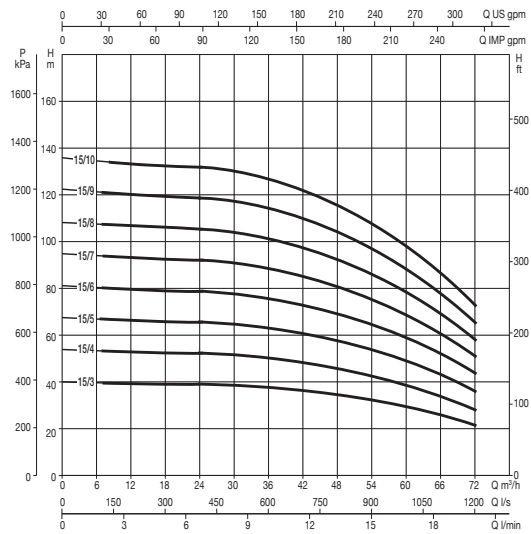
2/3 NKVE 10 - 15 - 20 - 32 - 45 MCE/P DCONNECT

VARIABLE SPEED BOOSTER SET WITH MCE-P VARIABLE FREQUENCY DRIVE AND DCONNECT

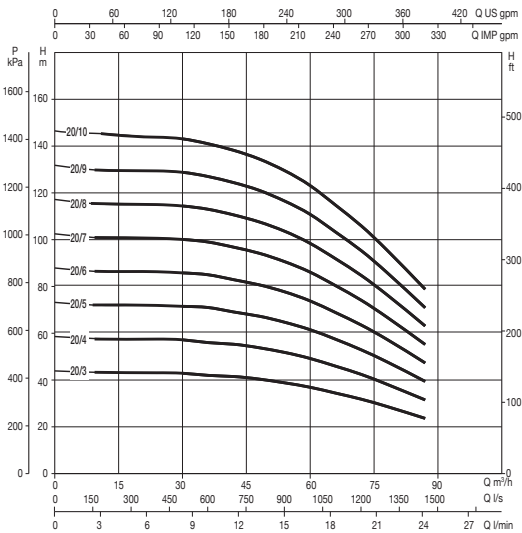
3 NKVE 10



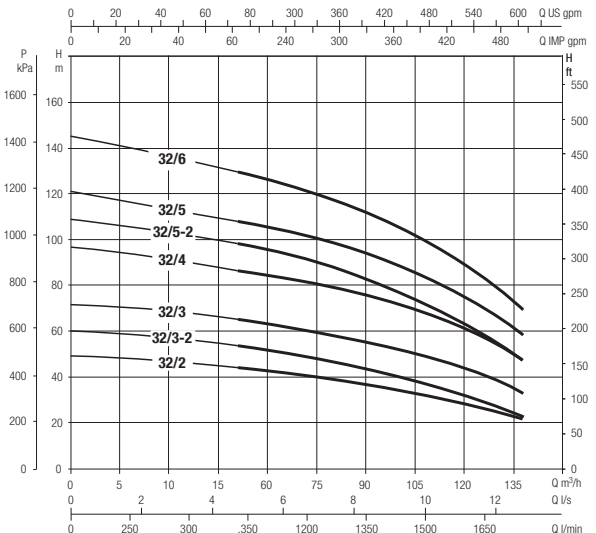
3 NKVE 15



3 NKVE 20



3 NKVE 32

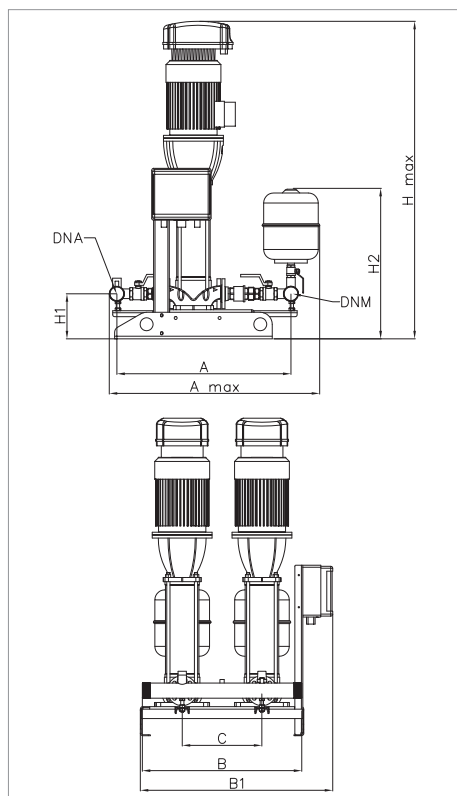


2/3 NKVE 10 - 15 - 20 - 32 - 45 MCE/P DCONNECT

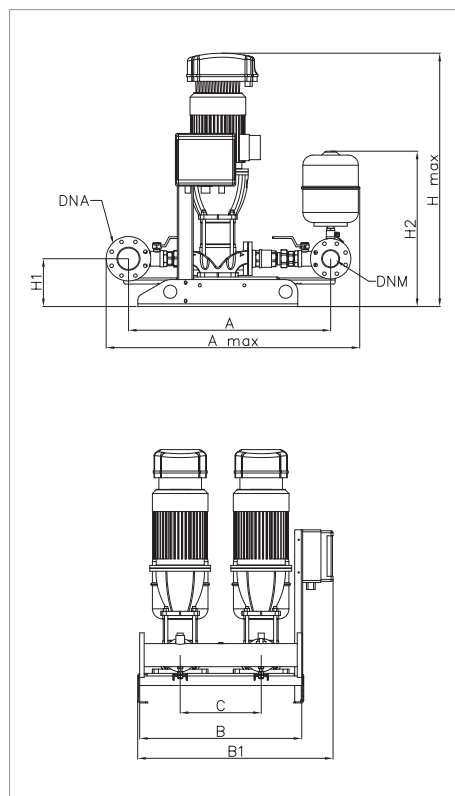
VARIABLE SPEED BOOSTER SET WITH MCE-P VARIABLE FREQUENCY DRIVE AND DCONNECT

DIMENSIONS AND WEIGHTS

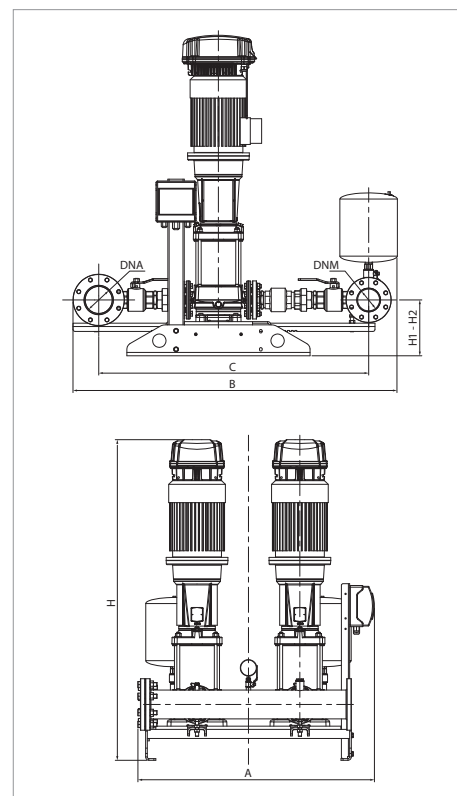
2 NKVE 10



2 NKVE 15 - 20



2 NKVE 32 - 45



| MODEL | A | A MAX | B | B1 | C | H1 | H2 | H MAX | DNA | DNM | PACKING DIMENSIONS | | | WEIGHT kg |
|-------------------------|------|-------|-----|-----|-----|-----|-----|-------|--------|--------|--------------------|------|------|--------------|
| | | | | | | | | | | | L/A | L/B | H | |
| 2 NKVE 10/5 T MCE30/P | 875 | 1060 | 800 | 965 | 400 | 226 | 755 | 1109 | 2" 1/2 | 2" 1/2 | 2150 | 1000 | 1400 | 186 |
| 2 NKVE 10/6 T MCE30/P | 875 | 1060 | 800 | 965 | 400 | 226 | 755 | 1142 | 2" 1/2 | 2" 1/2 | 2150 | 1000 | 1400 | 187 |
| 2 NKVE 10/7 T MCE30/P | 875 | 1060 | 800 | 965 | 400 | 226 | 755 | 1221 | 2" 1/2 | 2" 1/2 | 2150 | 1000 | 1400 | 214 |
| 2 NKVE 10/8 T MCE30/P | 875 | 1060 | 800 | 965 | 400 | 226 | 755 | 1254 | 2" 1/2 | 2" 1/2 | 2150 | 1000 | 1400 | 216 |
| 2 NKVE 10/9 T MCE30/P | 875 | 1060 | 800 | 965 | 400 | 226 | 755 | 1287 | 2" 1/2 | 2" 1/2 | 2150 | 1000 | 1400 | 218 |
| 2 NKVE 10/10 T MCE55/P | 875 | 1060 | 800 | 965 | 400 | 226 | 755 | 1335 | 2" 1/2 | 2" 1/2 | 2150 | 1000 | 1400 | 237 |
| 2 NKVE 10/12 T MCE55/P | 875 | 1060 | 800 | 965 | 400 | 226 | 755 | 1401 | 2" 1/2 | 2" 1/2 | 2150 | 1000 | 1400 | 240 |
| 2 NKVE 10/14 T MCE55/P | 875 | 1060 | 800 | 965 | 400 | 226 | 755 | 1597 | 2" 1/2 | 2" 1/2 | 2150 | 1000 | 1400 | 298 |
| 2 NKVE 15/3 T MCE30/P | 1000 | 1255 | 800 | 965 | 400 | 236 | 770 | 1160 | 100 | 80 | 2150 | 1000 | 1400 | 238 |
| 2 NKVE 15/4 T MCE30/P | 1000 | 1255 | 800 | 965 | 400 | 236 | 770 | 1225 | 100 | 80 | 2150 | 1000 | 1400 | 258 |
| 2 NKVE 15/5 T MCE55/P | 1000 | 1255 | 800 | 965 | 400 | 236 | 770 | 1274 | 100 | 80 | 2150 | 1000 | 1400 | 261 |
| 2 NKVE 15/6 T MCE55/P | 1000 | 1255 | 800 | 965 | 400 | 236 | 770 | 1453 | 100 | 80 | 2150 | 1000 | 1400 | 317 |
| 2 NKVE 15/7 T MCE55/P | 1000 | 1255 | 800 | 965 | 400 | 236 | 770 | 1503 | 100 | 80 | 2150 | 1000 | 1400 | 319 |
| 2 NKVE 15/8 T MCE55/P | 1000 | 1255 | 800 | 965 | 400 | 236 | 770 | 1602 | 100 | 80 | 2150 | 1000 | 1400 | 344 |
| 2 NKVE 15/9 T MCE55/P | 1000 | 1255 | 800 | 965 | 400 | 236 | 770 | 1652 | 100 | 80 | 2150 | 1000 | 1400 | 347 |
| 2 NKVE 15/10 T MCE110/P | 1000 | 1255 | 800 | 965 | 400 | 236 | 770 | 1846 | 100 | 80 | 2150 | 1000 | 1400 | 459 |

2/3 NKVE 10 - 15 - 20 - 32 - 45 MCE/P DCONNECT

VARIABLE SPEED BOOSTER SET WITH MCE-P VARIABLE FREQUENCY DRIVE AND DCONNECT

DIMENSIONS AND WEIGHTS

| MODEL | A | A MAX | B | B1 | C | H1 | H2 | H MAX | DNA | DNM | PACKING DIMENSIONS | | | WEIGHT kg |
|-------------------------|------|-------|-----|-----|-----|-----|-----|-------|-----|-----|--------------------|------|------|--------------|
| | | | | | | | | | | | L/A | L/B | H | |
| 2 NKVE 20/3 T MCE30/P | 1000 | 1255 | 800 | 965 | 400 | 236 | 770 | 1175 | 100 | 80 | 2150 | 1000 | 1400 | 228 |
| 2 NKVE 20/4 T MCE55/P | 1000 | 1255 | 800 | 965 | 400 | 236 | 770 | 1354 | 100 | 80 | 2150 | 1000 | 1400 | 256 |
| 2 NKVE 20/5 T MCE55/P | 1000 | 1255 | 800 | 965 | 400 | 236 | 770 | 1404 | 100 | 80 | 2150 | 1000 | 1400 | 260 |
| 2 NKVE 20/6 T MCE55/P | 1000 | 1255 | 800 | 965 | 400 | 236 | 770 | 1503 | 100 | 80 | 2150 | 1000 | 1400 | 284 |
| 2 NKVE 20/7 T MCE55/P | 1000 | 1255 | 800 | 965 | 400 | 236 | 770 | 1553 | 100 | 80 | 2150 | 1000 | 1400 | 286 |
| 2 NKVE 20/8 T MCE110/P | 1000 | 1255 | 800 | 965 | 400 | 236 | 770 | 1747 | 100 | 80 | 2150 | 1000 | 1400 | 350 |
| 2 NKVE 20/9 T MCE110/P | 1000 | 1255 | 800 | 965 | 400 | 236 | 770 | 1796 | 100 | 80 | 2150 | 1000 | 1400 | 352 |
| 2 NKVE 20/10 T MCE110/P | 1000 | 1255 | 800 | 965 | 400 | 236 | 770 | 1846 | 100 | 80 | 2150 | 1000 | 1400 | 374 |

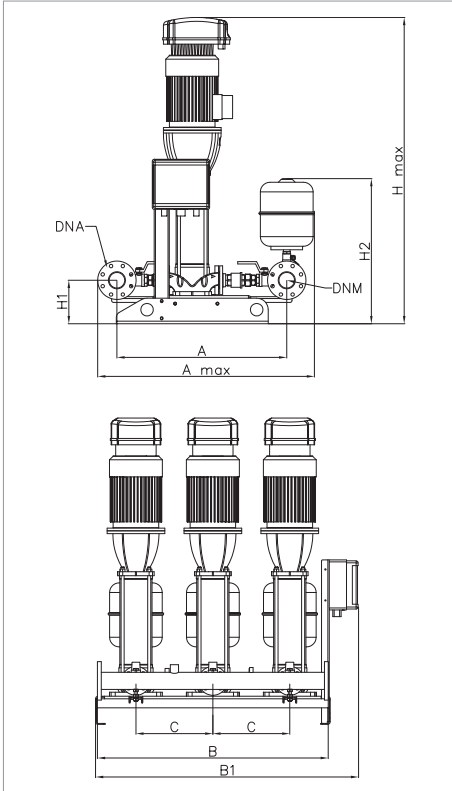
| MODEL | A | B | C | H | H1 | H2 | DNA | DNM | PACKING DIMENSIONS | | | WEIGHT kg |
|----------------------------|------|------|------|------|-----|-----|-----|-----|--------------------|------|------|--------------|
| | | | | | | | | | L/A | L/B | H | |
| 2 NKVE 32/2 T MCE 400-50 | 1150 | 1575 | 1312 | 1476 | 271 | 271 | 150 | 125 | 1400 | 1800 | 2200 | 476 |
| 2 NKVE 32/3-2 T MCE 400-50 | 1150 | 1575 | 1312 | 1558 | 271 | 271 | 150 | 125 | 1400 | 1800 | 2200 | 484 |
| 2 NKVE 32/3 T MCE 400-50 | 1150 | 1575 | 1312 | 1558 | 271 | 271 | 150 | 125 | 1400 | 1800 | 2200 | 506 |
| 2 NKVE 32/4 T MCE 400-50 | 1150 | 1575 | 1312 | 1829 | 271 | 271 | 150 | 125 | 1400 | 1800 | 2200 | 616 |
| 2 NKVE 32/5-2 T MCE 400-50 | 1150 | 1575 | 1312 | 1911 | 271 | 271 | 150 | 125 | 1400 | 1800 | 2200 | 624 |
| 2 NKVE 32/5 T MCE 400-50 | 1150 | 1575 | 1312 | 1911 | 271 | 271 | 150 | 125 | 1400 | 1800 | 2200 | 652 |
| 2 NKVE 32/6 T MCE 400-50 | 1150 | 1575 | 1312 | 1993 | 271 | 271 | 150 | 125 | 1400 | 1800 | 2200 | 660 |
| 2 NKVE 45/2-2 T MCE 400-50 | 1150 | 1622 | 1340 | 1515 | 271 | 271 | 150 | 125 | 1400 | 1800 | 2200 | 488 |
| 2 NKVE 45/2 T MCE 400-50 | 115 | 1622 | 1340 | 1565 | 271 | 271 | 150 | 125 | 1400 | 1800 | 2200 | 510 |
| 2 NKVE 45/3 T MCE 400-50 | 1150 | 1622 | 1340 | 1782 | 271 | 271 | 150 | 125 | 1400 | 1800 | 2200 | 620 |
| 2 NKVE 45/4 T MCE 400-50 | 1150 | 1622 | 1340 | 1864 | 271 | 271 | 150 | 125 | 1400 | 1800 | 2200 | 656 |

2/3 NKVE 10 - 15 - 20 - 32 - 45 MCE/P DCONNECT

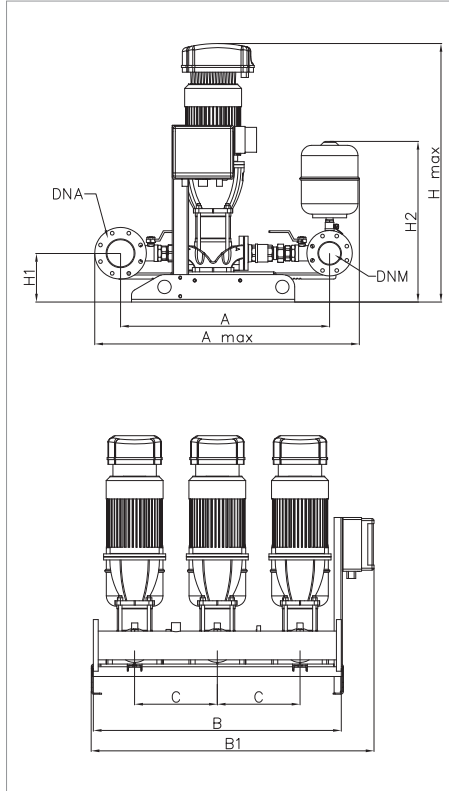
VARIABLE SPEED BOOSTER SET WITH MCE-P VARIABLE FREQUENCY DRIVE AND DCONNECT

DIMENSIONS AND WEIGHTS

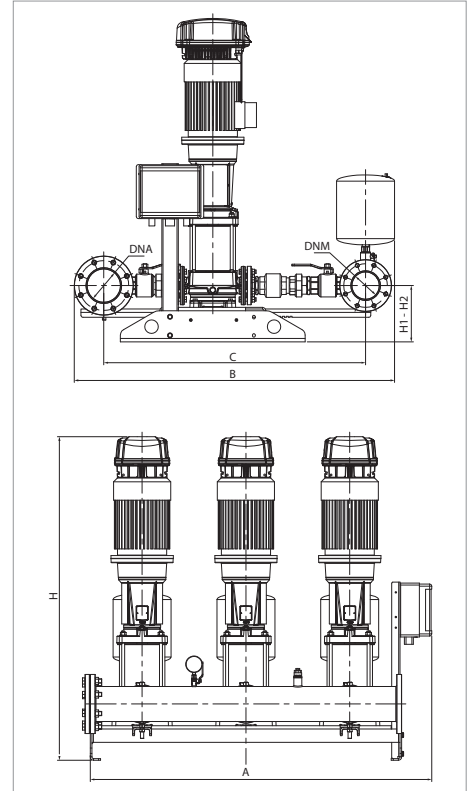
3 NKVE 10



3 NKVE 15 - 20



3 NKVE 32



| MODEL | A | A MAX | B | B1 | C | H1 | H2 | H MAX | DNA | DNM | PACKING DIMENSIONS | | | WEIGHT kg |
|-------------------------|-------|-------|------|------|-----|-----|-----|-------|-----|-----|--------------------|------|------|-----------|
| | | | | | | | | | | | L/A | L/B | H | |
| 3 NKVE 10/5 T MCE15/P | 9.417 | 1130 | 1200 | 1370 | 400 | 226 | 755 | 1109 | 80 | 80 | 2150 | 1400 | 1800 | 425 |
| 3 NKVE 10/6 T MCE15/P | 885 | 1130 | 1200 | 1370 | 400 | 226 | 755 | 1142 | 80 | 80 | 2150 | 1400 | 1800 | 428 |
| 3 NKVE 10/7 T MCE30/P | 885 | 1130 | 1200 | 1370 | 400 | 226 | 755 | 1221 | 80 | 80 | 2150 | 1400 | 1800 | 468 |
| 3 NKVE 10/8 T MCE30/P | 885 | 1130 | 1200 | 1370 | 400 | 226 | 755 | 1254 | 80 | 80 | 2150 | 1400 | 1800 | 471 |
| 3 NKVE 10/9 T MCE30/P | 885 | 1130 | 1200 | 1370 | 400 | 226 | 755 | 1287 | 80 | 80 | 2150 | 1400 | 1800 | 473 |
| 3 NKVE 10/10 T MCE30/P | 885 | 1130 | 1200 | 1370 | 400 | 226 | 755 | 1335 | 80 | 80 | 2150 | 1400 | 1800 | 503 |
| 3 NKVE 10/12 T MCE55/P | 885 | 1130 | 1200 | 1370 | 400 | 226 | 755 | 1401 | 80 | 80 | 2150 | 1400 | 1800 | 508 |
| 3 NKVE 10/14 T MCE55/P | 885 | 1130 | 1200 | 1370 | 400 | 226 | 755 | 1597 | 80 | 80 | 2150 | 1400 | 1800 | 593 |
| 3 NKVE 15/3 T MCE30/P | 1115 | 1285 | 1200 | 1370 | 400 | 236 | 780 | 1160 | 125 | 100 | 2150 | 1400 | 1800 | 486 |
| 3 NKVE 15/4 T MCE30/P | 1115 | 1285 | 1200 | 1370 | 400 | 236 | 780 | 1225 | 125 | 100 | 2150 | 1400 | 1800 | 516 |
| 3 NKVE 15/5 T MCE55/P | 1115 | 1285 | 1200 | 1370 | 400 | 236 | 780 | 1274 | 125 | 100 | 2150 | 1400 | 1800 | 520 |
| 3 NKVE 15/6 T MCE55/P | 1115 | 1285 | 1200 | 1370 | 400 | 236 | 780 | 1453 | 125 | 100 | 2150 | 1400 | 1800 | 605 |
| 3 NKVE 15/7 T MCE55/P | 1115 | 1285 | 1200 | 1370 | 400 | 236 | 780 | 1503 | 125 | 100 | 2150 | 1400 | 1800 | 608 |
| 3 NKVE 15/8 T MCE55/P | 1115 | 1285 | 1200 | 1370 | 400 | 236 | 780 | 1602 | 125 | 100 | 2150 | 1400 | 1800 | 645 |
| 3 NKVE 15/9 T MCE55/P | 1115 | 1285 | 1200 | 1370 | 400 | 236 | 780 | 1652 | 125 | 100 | 2150 | 1400 | 1800 | 649 |
| 3 NKVE 15/10 T MCE110/P | 1115 | 1285 | 1200 | 1370 | 400 | 236 | 780 | 1846 | 125 | 100 | 2150 | 1400 | 1800 | 818 |

2/3 NKVE 10 - 15 - 20 - 32 - 45 MCE/P DCONNECT

VARIABLE SPEED BOOSTER SET WITH MCE-P VARIABLE FREQUENCY DRIVE AND DCONNECT

DIMENSIONS AND WEIGHTS

| MODEL | A | A MAX | B | B1 | C | H1 | H2 | H MAX | DNA | DNM | PACKING DIMENSIONS | | | WEIGHT kg |
|-------------------------|------|-------|------|------|-----|-----|-----|-------|-----|-----|--------------------|------|------|--------------|
| | | | | | | | | | | | L/A | L/B | H | |
| 3 NKVE 20/3 T MCE30/P | 1115 | 1285 | 1200 | 1370 | 400 | 236 | 780 | 1175 | 125 | 100 | 2150 | 1400 | 1800 | 471 |
| 3 NKVE 20/4 T MCE55/P | 1115 | 1285 | 1200 | 1370 | 400 | 236 | 780 | 1354 | 125 | 100 | 2150 | 1400 | 1800 | 513 |
| 3 NKVE 20/5 T MCE55/P | 1115 | 1285 | 1200 | 1370 | 400 | 236 | 780 | 1404 | 125 | 100 | 2150 | 1400 | 1800 | 519 |
| 3 NKVE 20/6 T MCE55/P | 1115 | 1285 | 1200 | 1370 | 400 | 236 | 780 | 1503 | 125 | 100 | 2150 | 1400 | 1800 | 556 |
| 3 NKVE 20/7 T MCE55/P | 1115 | 1285 | 1200 | 1370 | 400 | 236 | 780 | 1553 | 125 | 100 | 2150 | 1400 | 1800 | 559 |
| 3 NKVE 20/8 T MCE110/P | 1115 | 1285 | 1200 | 1370 | 400 | 236 | 780 | 1747 | 125 | 100 | 2150 | 1400 | 1800 | 655 |
| 3 NKVE 20/9 T MCE110/P | 1115 | 1285 | 1200 | 1370 | 400 | 236 | 780 | 1796 | 125 | 100 | 2150 | 1400 | 1800 | 658 |
| 3 NKVE 20/10 T MCE110/P | 1115 | 1285 | 1200 | 1370 | 400 | 236 | 780 | 1846 | 125 | 100 | 2150 | 1400 | 1800 | 691 |

| MODEL | A | B | C | H | H1 | H2 | DNA | DNM | PACKING DIMENSIONS | | | WEIGHT kg |
|----------------------------|------|------|------|------|-----|-----|-----|-----|--------------------|------|------|--------------|
| | | | | | | | | | L/A | L/B | H | |
| 3 NKVE 32/2 T MCE 400-50 | 1683 | 1575 | 1312 | 1476 | 271 | 271 | 150 | 125 | 1500 | 2250 | 2200 | 714 |
| 3 NKVE 32/3-2 T MCE 400-50 | 1683 | 1575 | 1312 | 1558 | 271 | 271 | 150 | 125 | 1500 | 2250 | 2200 | 726 |
| 3 NKVE 32/3 T MCE 400-50 | 1683 | 1575 | 1312 | 1558 | 271 | 271 | 150 | 125 | 1500 | 2250 | 2200 | 759 |
| 3 NKVE 32/4 T MCE 400-50 | 1683 | 1575 | 1312 | 1829 | 271 | 271 | 150 | 125 | 1500 | 2250 | 2200 | 924 |
| 3 NKVE 32/5-2 T MCE 400-50 | 1683 | 1575 | 1312 | 1911 | 271 | 271 | 150 | 125 | 1500 | 2250 | 2200 | 936 |
| 3 NKVE 32/5 T MCE 400-50 | 1683 | 1575 | 1312 | 1911 | 271 | 271 | 150 | 125 | 1500 | 2250 | 2200 | 978 |
| 3 NKVE 32/6 T MCE 400-50 | 1683 | 1575 | 1312 | 1993 | 271 | 271 | 150 | 125 | 1500 | 2250 | 2200 | 990 |

DCONNECT
 COMMAND AND CONTROL SYSTEMS
 CIRCULATORS AND IN-LINE PUMPS
 MULTISTAGE CENTRIFUGAL AND SELF-PRIMING PUMPS
 SWIMMING POOL, POND AND SALT WATER PUMPS
 CENTRIFUGAL PUMPS
 SUBMERSIBLE PUMPS
 SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS
 PRESSURE UNITS

2/3/4 NKVE 10 - 15 - 20 - 32 - 45 MCE

VARIABLE SPEED PRESSURIZATION UNITS WITH MCE/P

HIGH
EFFICIENCY
MOTORS



MCE/P
PAG. 18



DAB's new NKVE units with pumps are variable speed pressurisation units for the recirculation of water for pressurisation in civil and commercial environments and irrigation systems also for agriculture.

The NKVE units have 1, 2, 3 or 4 NKV multi-impeller pumps with MCE-P inverter installed as standard.

For all the models with NKV 10, 15, 20 S, the parts in contact with the liquid are made of AISI 304 stainless steel. The models with NKV 32, 45 have the pump body and upper flange in cataphoretic paint coated cast iron, and the impellers, diffusers and pump liner in AISI 304 stainless steel.

The MCE-P inverter installed on the pump permits constant pressure. There is a protection controller for each unit. Delivery check valve, pressure transmitter and expansion vessel for each pump. Suction and delivery manifolds in AISI 304 stainless steel.

Version X on request with materials in contact with the water made in AISI 316 stainless steel.

The units are provided already assembled, set up and tested directly at the factory, and with the installation and maintenance instructions and test report.

Pumps coupled by rigid coupling to IE3 high energy efficiency electric motors.

Operating range from 0.5 a 280 m³/h with head up to 140 metres

Pumped liquid Clean, free of solids and abrasives, non-viscous, non-aggressive, non-crystallised and chemically neutral

Liquid temperature range from 0°C to +120°C (80°C with expansion vessel installed)

Maximum ambient temperature +50°C

Maximum operating pressure 16 bar / 1600 kPa

Protection class IP55

Special executions on request Yes, different voltages or frequencies or support for certain liquids, units with up to six pumps, **version X with material in contact with water in AISI 316**

The units are provided already assembled, set up and tested directly at the factory, and with the installation and maintenance instructions and test report.

TECHNICAL DATA

| MODEL | ELECTRICAL DATA | | | | MODEL MCE | FLOW RATE m ³ /h | MAX PRESSURE OBTAINABLE BAR | STANDARD PRESSURE |
|----------------------------|-----------------|------------|-------|--------|-----------|-----------------------------|-----------------------------|-------------------|
| | VOLTAGE 60 Hz | P2 NOMINAL | | In A | | | | |
| | | kW | HP | | | | | |
| 2NKVE 10/5 S T MCE 400-50 | 3 X 400V ~ | 2x2.2 | 2x3 | 2x3,8 | MCE30/P | 26 | 5 | 4.0 |
| 2NKVE 10/6 S T MCE 400-50 | 3 X 400V ~ | 2x2.2 | 2x3 | 2x5,8 | MCE30/P | 26 | 6 | 5.0 |
| 2NKVE 10/7 S T MCE 400-50 | 3 X 400V ~ | 2x3 | 2x4 | 2x5,8 | MCE30/P | 26 | 7 | 6 |
| 2NKVE 10/8 S T MCE 400-50 | 3 X 400V ~ | 2x3 | 2x4 | 2x7,37 | MCE30/P | 26 | 8 | 6.5 |
| 2NKVE 10/9 S T MCE 400-50 | 3 X 400V ~ | 2x3 | 2x4 | 2x7,1 | MCE30/P | 26 | 9 | 7.7 |
| 2NKVE 10/10 S T MCE 400-50 | 3 X 400V ~ | 2x4 | 2x5.5 | 2x10,1 | MCE55/P | 26 | 10 | 8.5 |
| 2NKVE 10/12 S T MCE 400-50 | 3 X 400V ~ | 2x4 | 2x5.5 | 2x10,1 | MCE55/P | 26 | 12 | 10 |
| 2NKVE 10/15 S T MCE 400-50 | 3 X 400V ~ | 2x5.5 | 2x7.5 | 2x12,6 | MCE55/P | 26 | 14 | 10 |
| 2NKVE 15/3 S T MCE 400-50 | 3 X 400V ~ | 2x3 | 2x4 | 2x7,37 | MCE30/P | 48 | 4 | 3.5 |
| 2NKVE 15/4 S T MCE 400-50 | 3 X 400V ~ | 2x4 | 2x5.5 | 2x10,1 | MCE55/P | 48 | 5 | 4 |
| 2NKVE 15/5 S T MCE 400-50 | 3 X 400V ~ | 2x4 | 2x5.5 | 2x10,1 | MCE55/P | 48 | 6.5 | 5 |
| 2NKVE 15/6 S T MCE 400-50 | 3 X 400V ~ | 2x5.5 | 2x7.5 | 2x12,6 | MCE55/P | 48 | 7.5 | 6.5 |
| 2NKVE 15/7 S T MCE 400-50 | 3 X 400V ~ | 2x5.5 | 2x7.5 | 2x13,1 | MCE55/P | 48 | 9 | 8 |
| 2NKVE 15/8 S T MCE 400-50 | 3 X 400V ~ | 2x7.5 | 2x10 | 2x17 | MCE110/P | 48 | 11 | 10 |
| 2NKVE 15/9 S T MCE 400-50 | 3 X 400V ~ | 2x7.5 | 2x10 | 2x17,6 | MCE110/P | 48 | 12 | 11 |
| 2NKVE 15/10 S T MCE 400-50 | 3 X 400V ~ | 2x11 | 2x15 | 2x24,8 | MCE110/P | 48 | 13 | 12 |
| 2NKVE 20/3 S T MCE 400-50 | 3 X 400V ~ | 2x4 | 2x5.5 | 2x7,1 | MCE55/P | 58 | 4 | 3.5 |
| 2NKVE 20/4 S T MCE 400-50 | 3 X 400V ~ | 2x5.5 | 2x7.5 | 2x10,1 | MCE55/P | 58 | 6 | 5 |
| 2NKV 20/5 S T MCE 400-50 | 3 X 400V ~ | 2x5.5 | 2x7.5 | 2x12,9 | MCE55/P | 58 | 7 | 6 |
| 2NKVE 20/6 S T MCE 400-50 | 3 X 400V ~ | 2x7.5 | 2x10 | 2x16,5 | MCE110/P | 58 | 8.5 | 7.5 |
| 2NKVE 20/7 S T MCE 400-50 | 3 X 400V ~ | 2x7.5 | 2x10 | 2x16,5 | MCE110/P | 58 | 10 | 9 |
| 2NKVE 20/8 S T MCE 400-50 | 3 X 400V ~ | 2x11 | 2x15 | 2x24,8 | MCE110/P | 58 | 11.5 | 10 |
| 2NKVE 20/9 S T MCE 400-50 | 3 X 400V ~ | 2x11 | 2x15 | 2x24,8 | MCE110/P | 58 | 13 | 12 |
| 2NKVE 20/10 S T MCE 400-50 | 3 X 400V ~ | 2x11 | 2x15 | 2x24,8 | MCE110/P | 58 | 14 | 13 |
| 2NKVE 32/2 T MCE 400-50 | 3 x 400V ~ | 2x5,5 | 2x7,5 | 2x12,6 | MCE55/P | 90 | 4,8 | 4 |
| 2NKVE 32/3-2 T MCE 400-50 | 3 x 400V ~ | 2x5,5 | 2x7,5 | 2x12,6 | MCE55/P | 90 | 6,0 | 5 |
| 2NKVE 32/3 T MCE 400-50 | 3 x 400V ~ | 2x7,5 | 2x10 | 2x16,5 | MCE110/P | 90 | 7,3 | 6 |
| 2NKVE 32/4 T MCE 400-50 | 3 x 400V ~ | 2x11 | 2x15 | 2x24,8 | MCE110/P | 90 | 9,8 | 8 |
| 2NKVE 32/5-2 T MCE 400-50 | 3 x 400V ~ | 2x11 | 2x15 | 2x24,8 | MCE110/P | 90 | 10,9 | 9 |

2/3/4 NKVE 10 - 15 - 20 - 32 - 45 MCE

VARIABLE SPEED PRESSURIZATION UNITS WITH MCE/P

| MODEL |
|---------------------------|
| 2NKVE 32/5 T MCE 400-50 |
| 2NKVE 32/6 T MCE 400-50 |
| 2NKVE 45/2-2 T MCE 400-50 |
| 2NKVE 45/2 T MCE 400-50 |
| 2NKVE 45/3 T MCE 400-50 |
| 2NKVE 45/4 T MCE 400-50 |

| MODEL | ELECTRICAL DATA | | | MODEL MCE | FLOW RATE m ³ /h | MAX PRESSURE OBTAINABLE BAR | STANDARD PRESSURE | |
|---------------------------|-----------------|------------|-------|-----------|-----------------------------|-----------------------------|-------------------|------|
| | VOLTAGE 60 Hz | P2 NOMINAL | | | | | | In A |
| | | kW | HP | | | | | |
| 2NKVE 32/5 T MCE 400-50 | 3 x 400 V ~ | 2x15 | 2x20 | 2x33,6 | MCE150/P | 90 | 12,2 | 10 |
| 2NKVE 32/6 T MCE 400-50 | 3 x 400 V ~ | 2x15 | 2x20 | 2x33,6 | MCE150/P | 90 | 14,6 | 12 |
| 2NKVE 45/2-2 T MCE 400-50 | 3 x 400 V ~ | 2x5,5 | 2x7,5 | 2x12,6 | MCE55/P | 140 | 3,8 | 3 |
| 2NKVE 45/2 T MCE 400-50 | 3 x 400 V ~ | 2x7,5 | 2x10 | 2x16,5 | MCE110/P | 140 | 4,8 | 4 |
| 2NKVE 45/3 T MCE 400-50 | 3 x 400 V ~ | 2x11 | 2x15 | 2x25,1 | MCE110/P | 140 | 7,3 | 6,5 |
| 2NKVE 45/4 T MCE 400-50 | 3 x 400 V ~ | 2x15 | 2x20 | 2x33,6 | MCE150/P | 140 | 9,7 | 8,5 |

| MODEL |
|----------------------------|
| 3NKVE 10/5 S T MCE 400-50 |
| 3NKVE 10/6 S T MCE 400-50 |
| 3NKVE 10/7 S T MCE 400-50 |
| 3NKVE 10/8 S T MCE 400-50 |
| 3NKVE 10/9 S T MCE 400-50 |
| 3NKVE 10/10 S T MCE 400-50 |
| 3NKVE 10/12 S T MCE 400-50 |
| 3NKVE 10/15 S T MCE 400-50 |
| 3NKVE 15/3 S T MCE 400-50 |
| 3NKVE 15/4 S T MCE 400-50 |
| 3NKVE 15/5 S T MCE 400-50 |
| 3NKVE 15/6 S T MCE 400-50 |
| 3NKVE 15/7 S T MCE 400-50 |
| 3NKVE 15/8 S T MCE 400-50 |
| 3NKVE 15/9 S T MCE 400-50 |
| 3NKVE 15/10 S T MCE 400-50 |
| 3NKVE 20/3 S T MCE 400-50 |
| 3NKVE 20/4 S T MCE 400-50 |
| 3NKVE 20/5 S T MCE 400-50 |
| 3NKVE 20/6 S T MCE 400-50 |
| 3NKVE 20/7 S T MCE 400-50 |
| 3NKVE 20/8 S T MCE 400-50 |
| 3NKVE 20/9 S T MCE 400-50 |
| 3NKVE 20/10 S T MCE 400-50 |
| 3NKVE 32/2 T MCE 400-50 |
| 3NKVE 32/3-2 T MCE 400-50 |
| 3NKVE 32/3 T MCE 400-50 |
| 3NKVE 32/4 T MCE 400-50 |
| 3NKVE 32/5-2 T MCE 400-50 |
| 3NKVE 32/5 T MCE 400-50 |
| 3NKVE 32/6 T MCE 400-50 |
| 3NKVE 45/2-2 T MCE 400-50 |
| 3NKVE 45/2 T MCE 400-50 |
| 3NKVE 45/3 T MCE 400-50 |
| 3NKVE 45/4 T MCE 400-50 |

| MODEL | ELECTRICAL DATA | | | MODEL MCE | FLOW RATE m ³ /h | MAX PRESSURE OBTAINABLE BAR | STANDARD PRESSURE | |
|----------------------------|-----------------|------------|-------|-----------|-----------------------------|-----------------------------|-------------------|------|
| | VOLTAGE 60 Hz | P2 NOMINAL | | | | | | In A |
| | | kW | HP | | | | | |
| 3NKVE 10/5 S T MCE 400-50 | 3 X 400 V ~ | 3x2.2 | 3x3 | 3x3,8 | MCE30/P | 39 | 5 | 4.0 |
| 3NKVE 10/6 S T MCE 400-50 | 3 X 400 V ~ | 3x2.2 | 3x3 | 3x5,8 | MCE30/P | 39 | 6 | 5.0 |
| 3NKVE 10/7 S T MCE 400-50 | 3 X 400 V ~ | 3x3 | 3x4 | 3x5,8 | MCE30/P | 39 | 7 | 6 |
| 3NKVE 10/8 S T MCE 400-50 | 3 X 400 V ~ | 3x3 | 3x4 | 3x7,37 | MCE30/P | 39 | 8 | 6.5 |
| 3NKVE 10/9 S T MCE 400-50 | 3 X 400 V ~ | 3x3 | 3x4 | 3x7,1 | MCE30/P | 39 | 9 | 7.7 |
| 3NKVE 10/10 S T MCE 400-50 | 3 X 400 V ~ | 3x4 | 3x5.5 | 3x10,1 | MCE55/P | 39 | 10 | 8.5 |
| 3NKVE 10/12 S T MCE 400-50 | 3 X 400 V ~ | 3x4 | 2x5.5 | 3x10,1 | MCE55/P | 39 | 12 | 10 |
| 3NKVE 10/15 S T MCE 400-50 | 3 X 400 V ~ | 3x5.5 | 3x7.5 | 3x12,6 | MCE55/P | 39 | 14 | 10 |
| 3NKVE 15/3 S T MCE 400-50 | 3 X 400 V ~ | 3x3 | 3x4 | 3x7,37 | MCE30/P | 72 | 4 | 3.5 |
| 3NKVE 15/4 S T MCE 400-50 | 3 X 400 V ~ | 3x4 | 3x5.5 | 3x10,1 | MCE55/P | 72 | 5 | 4 |
| 3NKVE 15/5 S T MCE 400-50 | 3 X 400 V ~ | 3x4 | 3x5.5 | 3x10,1 | MCE55/P | 72 | 6.5 | 5 |
| 3NKVE 15/6 S T MCE 400-50 | 3 X 400 V ~ | 3x5.5 | 3x7.5 | 3x12,6 | MCE55/P | 72 | 7.5 | 6.5 |
| 3NKVE 15/7 S T MCE 400-50 | 3 X 400 V ~ | 3x5.5 | 3x7.5 | 3x13,1 | MCE55/P | 72 | 9 | 8 |
| 3NKVE 15/8 S T MCE 400-50 | 3 X 400 V ~ | 3x7.5 | 3x10 | 3x17 | MCE110/P | 72 | 11 | 10 |
| 3NKVE 15/9 S T MCE 400-50 | 3 X 400 V ~ | 3x7.5 | 3x10 | 3x17,6 | MCE110/P | 72 | 12 | 11 |
| 3NKVE 15/10 S T MCE 400-50 | 3 X 400 V ~ | 3x11 | 3x15 | 3x24,8 | MCE110/P | 72 | 13 | 12 |
| 3NKVE 20/3 S T MCE 400-50 | 3 X 400 V ~ | 3x4 | 3x5.5 | 3x7,1 | MCE55/P | 87 | 4 | 3.5 |
| 3NKVE 20/4 S T MCE 400-50 | 3 X 400 V ~ | 3x5.5 | 3x7.5 | 3x10,1 | MCE55/P | 87 | 6 | 5 |
| 3NKVE 20/5 S T MCE 400-50 | 3 X 400 V ~ | 3x5.5 | 3x7.5 | 3x12,9 | MCE55/P | 87 | 7 | 6 |
| 3NKVE 20/6 S T MCE 400-50 | 3 X 400 V ~ | 3x7.5 | 3x10 | 3x16,5 | MCE110/P | 87 | 8.5 | 7.5 |
| 3NKVE 20/7 S T MCE 400-50 | 3 X 400 V ~ | 3x7.5 | 3x10 | 3x16,5 | MCE110/P | 87 | 10 | 9 |
| 3NKVE 20/8 S T MCE 400-50 | 3 X 400 V ~ | 3x11 | 3x15 | 3x24,8 | MCE110/P | 87 | 11.5 | 10 |
| 3NKVE 20/9 S T MCE 400-50 | 3 X 400 V ~ | 3x11 | 3x15 | 3x24,8 | MCE110/P | 87 | 13 | 12 |
| 3NKVE 20/10 S T MCE 400-50 | 3 X 400 V ~ | 3x11 | 3x15 | 3x24,8 | MCE110/P | 87 | 14 | 13 |
| 3NKVE 32/2 T MCE 400-50 | 3 x 400 V ~ | 3x5,5 | 3x7,5 | 3x12,6 | MCE55/P | 135 | 4,8 | 4 |
| 3NKVE 32/3-2 T MCE 400-50 | 3 x 400 V ~ | 3x5,5 | 3x7,5 | 3x12,6 | MCE55/P | 135 | 6,0 | 5 |
| 3NKVE 32/3 T MCE 400-50 | 3 x 400 V ~ | 3x7,5 | 3x10 | 3x16,5 | MCE110/P | 135 | 7,3 | 6 |
| 3NKVE 32/4 T MCE 400-50 | 3 x 400 V ~ | 3x11 | 3x15 | 3x24,8 | MCE110/P | 135 | 9,8 | 8 |
| 3NKVE 32/5-2 T MCE 400-50 | 3 x 400 V ~ | 3x11 | 3x15 | 3x24,8 | MCE110/P | 135 | 10,9 | 9 |
| 3NKVE 32/5 T MCE 400-50 | 3 x 400 V ~ | 3x15 | 3x20 | 3x33,6 | MCE150/P | 135 | 12,2 | 10 |
| 3NKVE 32/6 T MCE 400-50 | 3 x 400 V ~ | 3x15 | 3x20 | 3x33,6 | MCE150/P | 135 | 14,6 | 12 |
| 3NKVE 45/2-2 T MCE 400-50 | 3 x 400 V ~ | 3x5,5 | 3x7,5 | 3x12,6 | MCE55/P | 210 | 3,8 | 3 |
| 3NKVE 45/2 T MCE 400-50 | 3 x 400 V ~ | 3x7,5 | 3x10 | 3x16,5 | MCE110/P | 210 | 4,8 | 4 |
| 3NKVE 45/3 T MCE 400-50 | 3 x 400 V ~ | 3x11 | 3x15 | 3x25,1 | MCE110/P | 210 | 7,3 | 6,5 |
| 3NKVE 45/4 T MCE 400-50 | 3 x 400 V ~ | 3x15 | 3x20 | 3x33,6 | MCE150/P | 210 | 9,7 | 8,5 |

2/3/4 NKVE 10 - 15 - 20 - 32 - 45 MCE

VARIABLE SPEED PRESSURIZATION UNITS WITH MCE

| MODEL | ELECTRICAL DATA | | | | MODEL MCE | FLOW RATE m ³ /h | MAXIMUM PRESSURE OBTAINABLE BAR | STANDARD PRESSURE |
|----------------------------|-----------------|------------|-------|--------|-----------|-----------------------------|---------------------------------|-------------------|
| | VOLTAGE 60 Hz | P2 NOMINAL | | In A | | | | |
| | | kW | HP | | | | | |
| 4NKVE 10/5 S T MCE 400-50 | 3 X 400V | 4x2,2 | 4x3 | 4x4,9 | MCE30/P | 52 | 5 | 4 |
| 4NKVE 10/6 S T MCE 400-50 | 3 X 400V | 4x2,2 | 4x3 | 4x5,4 | MCE30/P | 52 | 6 | 5 |
| 4NKVE 10/7 S T MCE 400-50 | 3 X 400V | 4x3 | 4x4 | 4x5,8 | MCE30/P | 52 | 7 | 6 |
| 4NKVE 10/8 S T MCE 400-50 | 3 X 400V | 4x3 | 4x4 | 4x7,1 | MCE30/P | 52 | 8 | 6,5 |
| 4NKVE 10/9 S T MCE 400-50 | 3 X 400V | 4x3 | 4x4 | 4x7,1 | MCE30/P | 52 | 9 | 7,7 |
| 4NKVE 10/10 S T MCE 400-50 | 3 X 400V | 4x4 | 4x5,5 | 4x10,1 | MCE55/P | 52 | 10 | 8,5 |
| 4NKVE 10/12 S T MCE 400-50 | 3 X 400V | 4x4 | 4x5,5 | 4x10,1 | MCE55/P | 52 | 12 | 10 |
| 4NKVE 15/3 S T MCE 400-50 | 3 X 400V | 4x3 | 4x4 | 4x7,37 | MCE30/P | 96 | 4 | 3,5 |
| 4NKVE 15/4 S T MCE 400-50 | 3 X 400V | 4x4 | 4x5,5 | 4x10,1 | MCE55/P | 96 | 5 | 4 |
| 4NKVE 15/5 S T MCE 400-50 | 3 X 400V | 4x4 | 4x5,5 | 4x10,1 | MCE55/P | 96 | 6,5 | 5 |
| 4NKVE 15/6 S T MCE 400-50 | 3 X 400V | 4x5,5 | 4x7,5 | 4x12,6 | MCE55/P | 96 | 7,5 | 6,5 |
| 4NKVE 15/7 S T MCE 400-50 | 3 X 400V | 4x5,5 | 4x7,5 | 4x13,1 | MCE55/P | 96 | 9 | 8 |
| 4NKVE 15/8 S T MCE 400-50 | 3 X 400V | 4x7,5 | 4x10 | 4x17 | MCE110/P | 96 | 11 | 10 |
| 4NKVE 15/9 S T MCE 400-50 | 3 X 400V | 4x7,5 | 4x10 | 4x17,6 | MCE110/P | 96 | 12 | 11 |
| 4NKVE 15/10 S T MCE 400-50 | 3 X 400V | 4x11 | 4x15 | 4x24,8 | MCE110/P | 96 | 13 | 12 |
| 4NKVE 20/3 S T MCE 400-50 | 3 X 400V | 4x4 | 4x5,5 | 4x7,1 | MCE55/P | 116 | 4 | 3,5 |
| 4NKVE 20/4 S T MCE 400-50 | 3 X 400V | 4x5,5 | 4x7,5 | 4x10,1 | MCE55/P | 116 | 6 | 5 |
| 4NKVE 20/5 S T MCE 400-50 | 3 X 400V | 4x5,5 | 4x7,5 | 4x12,9 | MCE55/P | 116 | 7 | 6 |
| 4NKVE 20/6 S T MCE 400-50 | 3 X 400V | 4x7,5 | 4x10 | 4x16,5 | MCE110/P | 116 | 8,5 | 7,5 |
| 4NKVE 20/7 S T MCE 400-50 | 3 X 400V | 4x7,5 | 4x10 | 4x16,5 | MCE110/P | 116 | 10 | 9 |
| 4NKVE 20/8 S T MCE 400-50 | 3 X 400V | 4x11 | 4x15 | 4x24,8 | MCE110/P | 116 | 11,5 | 10 |
| 4NKVE 20/9 S T MCE 400-50 | 3 X 400V | 4x11 | 4x15 | 4x24,8 | MCE110/P | 116 | 13 | 12 |
| 4NKVE 20/10 S T MCE 400-50 | 3 X 400V | 4x11 | 4x15 | 4x24,8 | MCE110/P | 116 | 14 | 13 |
| 4NKVE 32/2 T MCE 400-50 | 3 x 400 V ~ | 4x5,5 | 4x7,5 | 4x12,6 | MCE55/P | 180 | 4,8 | 4 |
| 4NKVE 32/3-2 T MCE 400-50 | 3 x 400 V ~ | 4x5,5 | 4x7,5 | 4x12,6 | MCE55/P | 180 | 6,0 | 5 |
| 4NKVE 32/3 T MCE 400-50 | 3 x 400 V ~ | 4x7,5 | 4x10 | 4x16,5 | MCE110/P | 180 | 7,3 | 6 |
| 4NKVE 32/4 T MCE 400-50 | 3 x 400 V ~ | 4x11 | 4x15 | 4x24,8 | MCE110/P | 180 | 9,8 | 8 |
| 4NKVE 32/5-2 T MCE 400-50 | 3 x 400 V ~ | 4x11 | 4x15 | 4x24,8 | MCE110/P | 180 | 10,9 | 9 |
| 4NKVE 32/5 T MCE 400-50 | 3 x 400 V ~ | 4x15 | 4x20 | 4x33,6 | MCE150/P | 180 | 12,2 | 10 |
| 4NKVE 32/6 T MCE 400-50 | 3 x 400 V ~ | 4x15 | 4x20 | 4x33,6 | MCE150/P | 180 | 14,6 | 12 |
| 4NKVE 45/2-2 T MCE 400-50 | 3 x 400 V ~ | 4x5,5 | 4x7,5 | 4x12,6 | MCE55/P | 280 | 3,8 | 3 |
| 4NKVE 45/2 T MCE 400-50 | 3 x 400 V ~ | 4x7,5 | 4x10 | 4x16,5 | MCE110/P | 280 | 4,8 | 4 |
| 4NKVE 45/3 T MCE 400-50 | 3 x 400 V ~ | 4x11 | 4x15 | 4x25,1 | MCE110/P | 280 | 7,3 | 6,5 |
| 4NKVE 45/4 T MCE 400-50 | 3 x 400 V ~ | 4x15 | 4x20 | 4x33,6 | MCE150/P | 280 | 9,7 | 8,5 |

DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

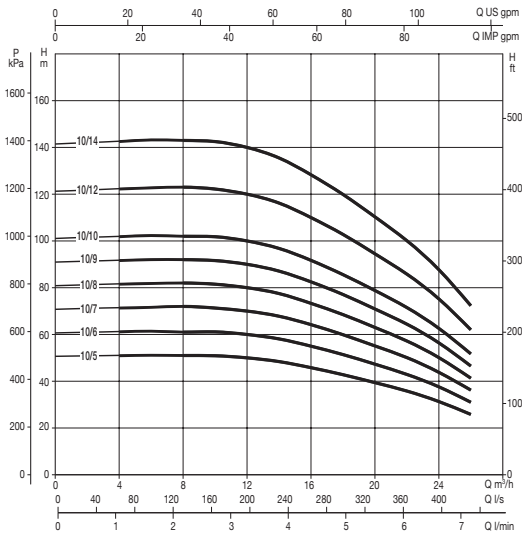
SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

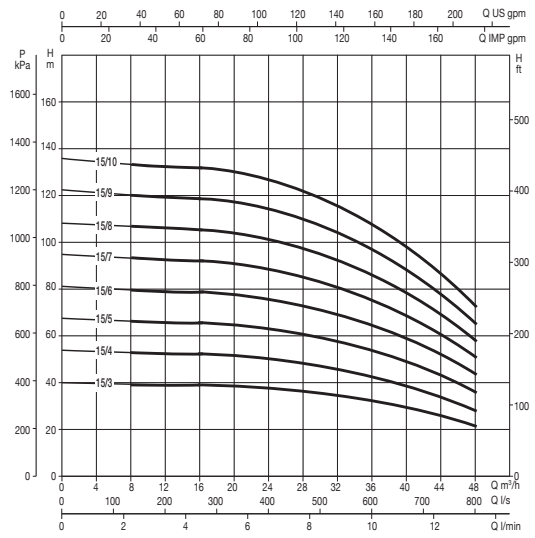
2/3/4 NKVE 10 - 15 - 20 - 32 - 45 MCE

VARIABLE SPEED PRESSURIZATION UNITS WITH MCE

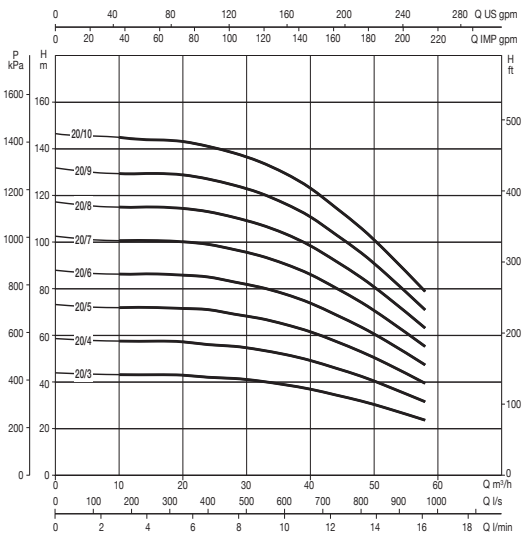
2 NKVE 10



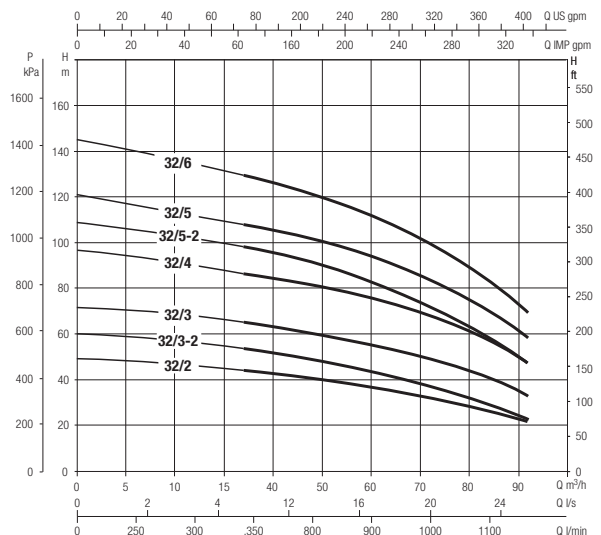
2 NKVE 15



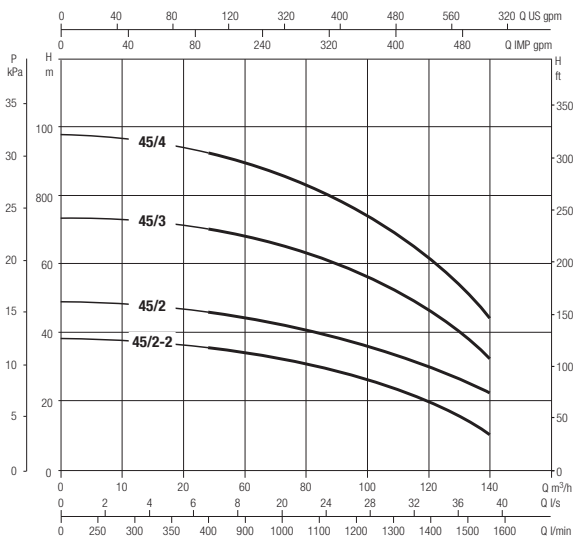
2 NKVE 20



2 NKVE 32



2 NKVE 45



DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

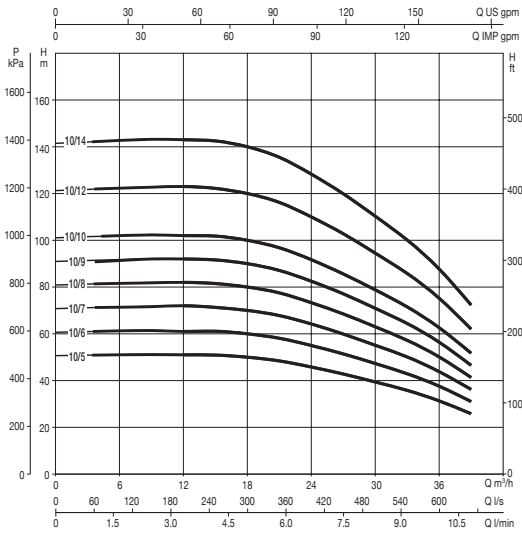
SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

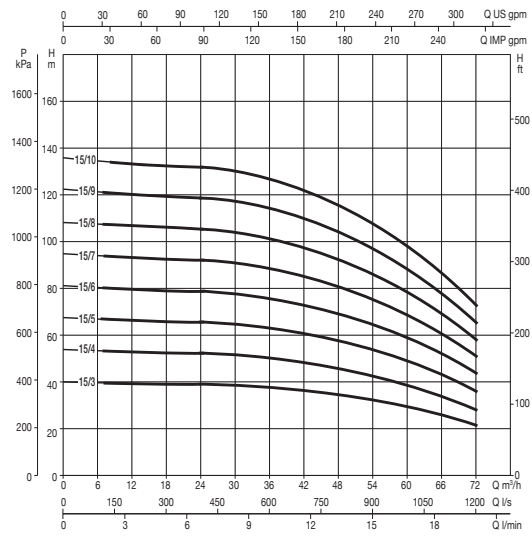
2/3/4 NKVE 10 - 15 - 20 - 32 - 45 MCE

VARIABLE SPEED PRESSURIZATION UNITS WITH MCE

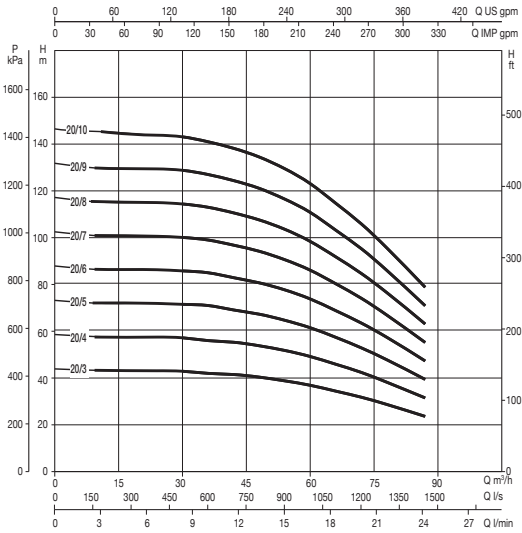
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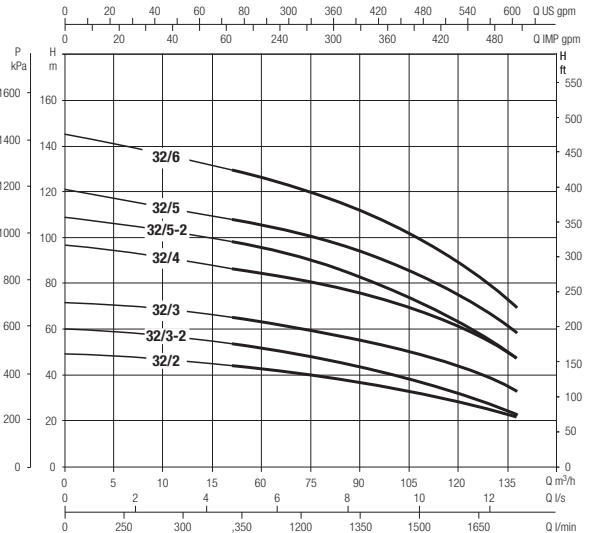
3 NKVE 15



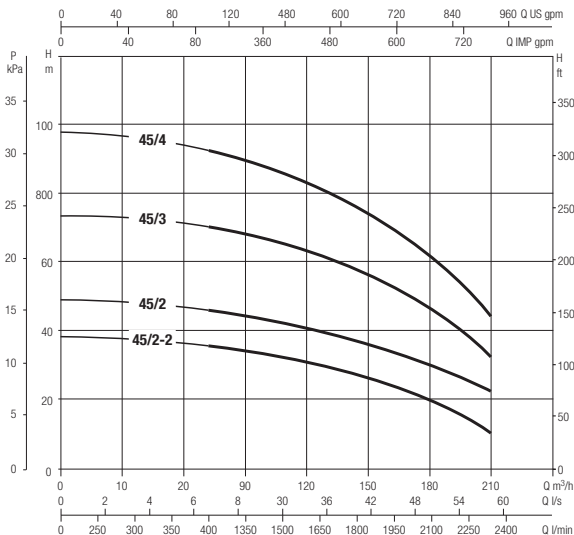
3 NKVE 20



3 NKVE 32



3 NKVE 45



DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

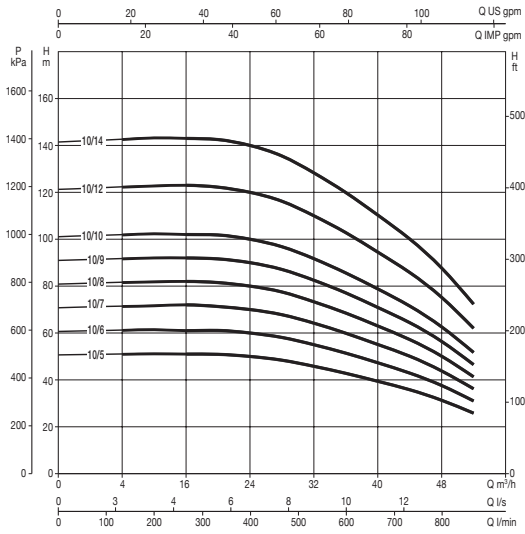
SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

PRESSURE UNITS

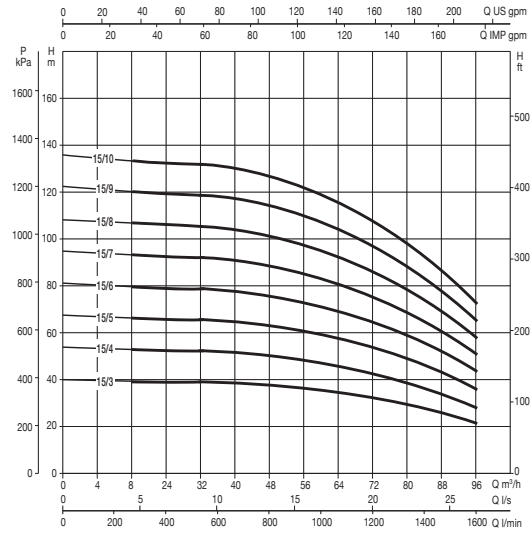
2/3/4 NKVE 10 - 15 - 20 - 32 - 45 MCE

VARIABLE SPEED PRESSURIZATION UNITS WITH MCE

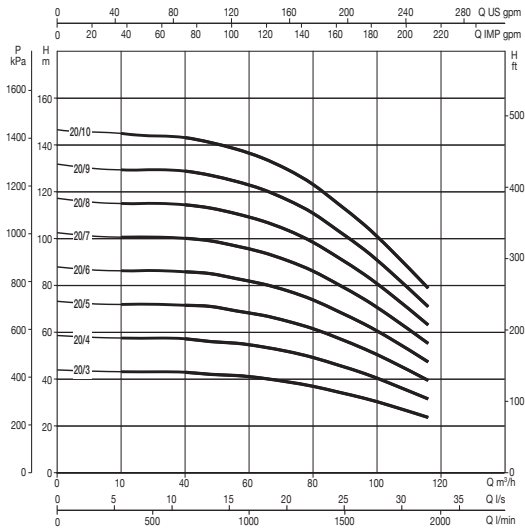
4 NKVE 10



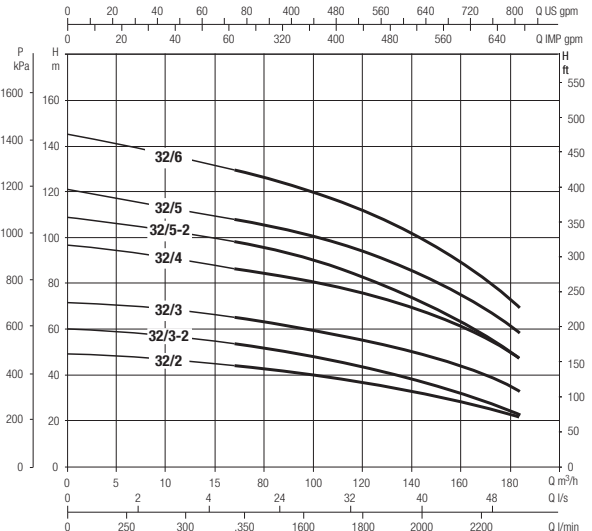
4 NKVE 15



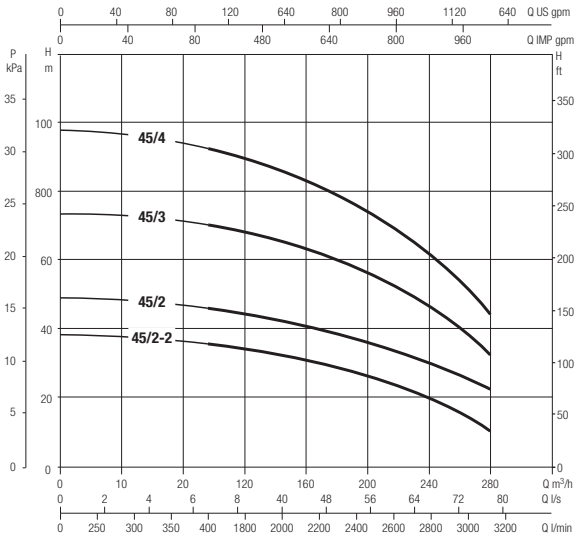
4 NKVE 20



4 NKVE 32



4 NKVE 45



DCONNECT

COMMAND AND CONTROL SYSTEMS

CIRCULATORS AND IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND SALT WATER PUMPS

CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

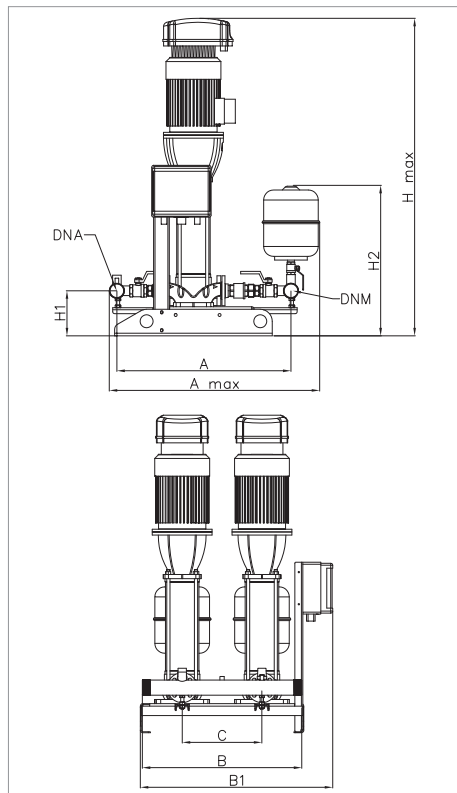
PRESSURE UNITS

2/3/4 NKVE 10 - 15 - 20 - 32 - 45 MCE

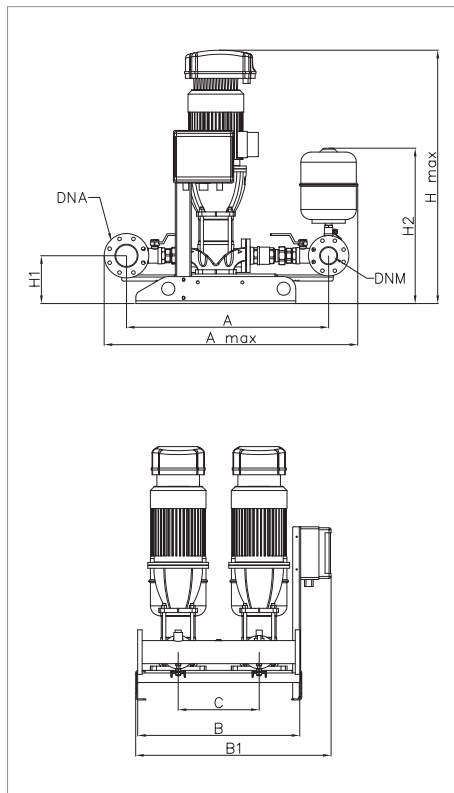
VARIABLE SPEED PRESSURIZATION UNITS WITH MCE

DIMENSIONS AND WEIGHTS

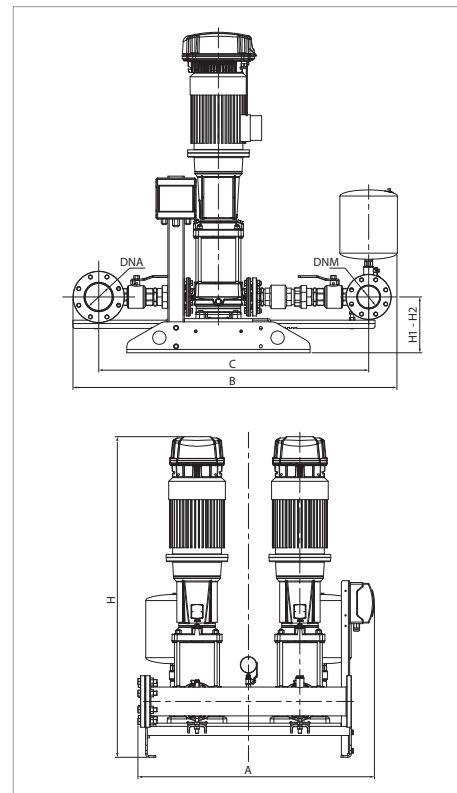
2 NKVE 10



2 NKVE 15 - 20



2 NKVE 32 - 45



| MODEL | A | A MAX | B | B1 | C | H1 | H2 | H MAX | DNA | DNM | PACKING DIMENSIONS | | | WEIGHT kg |
|-------------------------|------|-------|-----|-----|-----|-----|-----|-------|--------|--------|--------------------|------|------|--------------|
| | | | | | | | | | | | L/A | L/B | H | |
| 2 NKVE 10/5 T MCE30/P | 875 | 1060 | 800 | 965 | 400 | 226 | 755 | 1109 | 2" 1/2 | 2" 1/2 | 2150 | 1000 | 1400 | 186 |
| 2 NKVE 10/6 T MCE30/P | 875 | 1060 | 800 | 965 | 400 | 226 | 755 | 1142 | 2" 1/2 | 2" 1/2 | 2150 | 1000 | 1400 | 187 |
| 2 NKVE 10/7 T MCE30/P | 875 | 1060 | 800 | 965 | 400 | 226 | 755 | 1221 | 2" 1/2 | 2" 1/2 | 2150 | 1000 | 1400 | 214 |
| 2 NKVE 10/8 T MCE30/P | 875 | 1060 | 800 | 965 | 400 | 226 | 755 | 1254 | 2" 1/2 | 2" 1/2 | 2150 | 1000 | 1400 | 216 |
| 2 NKVE 10/9 T MCE30/P | 875 | 1060 | 800 | 965 | 400 | 226 | 755 | 1287 | 2" 1/2 | 2" 1/2 | 2150 | 1000 | 1400 | 218 |
| 2 NKVE 10/10 T MCE55/P | 875 | 1060 | 800 | 965 | 400 | 226 | 755 | 1335 | 2" 1/2 | 2" 1/2 | 2150 | 1000 | 1400 | 237 |
| 2 NKVE 10/12 T MCE55/P | 875 | 1060 | 800 | 965 | 400 | 226 | 755 | 1401 | 2" 1/2 | 2" 1/2 | 2150 | 1000 | 1400 | 240 |
| 2 NKVE 10/14 T MCE55/P | 875 | 1060 | 800 | 965 | 400 | 226 | 755 | 1597 | 2" 1/2 | 2" 1/2 | 2150 | 1000 | 1400 | 298 |
| 2 NKVE 15/3 T MCE30/P | 1000 | 1255 | 800 | 965 | 400 | 236 | 770 | 1160 | 100 | 80 | 2150 | 1000 | 1400 | 238 |
| 2 NKVE 15/4 T MCE30/P | 1000 | 1255 | 800 | 965 | 400 | 236 | 770 | 1225 | 100 | 80 | 2150 | 1000 | 1400 | 258 |
| 2 NKVE 15/5 T MCE55/P | 1000 | 1255 | 800 | 965 | 400 | 236 | 770 | 1274 | 100 | 80 | 2150 | 1000 | 1400 | 261 |
| 2 NKVE 15/6 T MCE55/P | 1000 | 1255 | 800 | 965 | 400 | 236 | 770 | 1453 | 100 | 80 | 2150 | 1000 | 1400 | 317 |
| 2 NKVE 15/7 T MCE55/P | 1000 | 1255 | 800 | 965 | 400 | 236 | 770 | 1503 | 100 | 80 | 2150 | 1000 | 1400 | 319 |
| 2 NKVE 15/8 T MCE55/P | 1000 | 1255 | 800 | 965 | 400 | 236 | 770 | 1602 | 100 | 80 | 2150 | 1000 | 1400 | 344 |
| 2 NKVE 15/9 T MCE55/P | 1000 | 1255 | 800 | 965 | 400 | 236 | 770 | 1652 | 100 | 80 | 2150 | 1000 | 1400 | 347 |
| 2 NKVE 15/10 T MCE110/P | 1000 | 1255 | 800 | 965 | 400 | 236 | 770 | 1846 | 100 | 80 | 2150 | 1000 | 1400 | 459 |

2/3/4 NKVE 10 - 15 - 20 - 32 - 45 MCE

VARIABLE SPEED PRESSURIZATION UNITS WITH MCE

DIMENSIONS AND WEIGHTS

| MODEL | A | A MAX | B | B1 | C | H1 | H2 | H MAX | DNA | DNM | PACKING DIMENSIONS | | | WEIGHT kg |
|-------------------------|------|-------|-----|-----|-----|-----|-----|-------|-----|-----|--------------------|------|------|--------------|
| | | | | | | | | | | | L/A | L/B | H | |
| 2 NKVE 20/3 T MCE30/P | 1000 | 1255 | 800 | 965 | 400 | 236 | 770 | 1175 | 100 | 80 | 2150 | 1000 | 1400 | 228 |
| 2 NKVE 20/4 T MCE55/P | 1000 | 1255 | 800 | 965 | 400 | 236 | 770 | 1354 | 100 | 80 | 2150 | 1000 | 1400 | 256 |
| 2 NKVE 20/5 T MCE55/P | 1000 | 1255 | 800 | 965 | 400 | 236 | 770 | 1404 | 100 | 80 | 2150 | 1000 | 1400 | 260 |
| 2 NKVE 20/6 T MCE55/P | 1000 | 1255 | 800 | 965 | 400 | 236 | 770 | 1503 | 100 | 80 | 2150 | 1000 | 1400 | 284 |
| 2 NKVE 20/7 T MCE55/P | 1000 | 1255 | 800 | 965 | 400 | 236 | 770 | 1553 | 100 | 80 | 2150 | 1000 | 1400 | 286 |
| 2 NKVE 20/8 T MCE110/P | 1000 | 1255 | 800 | 965 | 400 | 236 | 770 | 1747 | 100 | 80 | 2150 | 1000 | 1400 | 350 |
| 2 NKVE 20/9 T MCE110/P | 1000 | 1255 | 800 | 965 | 400 | 236 | 770 | 1796 | 100 | 80 | 2150 | 1000 | 1400 | 352 |
| 2 NKVE 20/10 T MCE110/P | 1000 | 1255 | 800 | 965 | 400 | 236 | 770 | 1846 | 100 | 80 | 2150 | 1000 | 1400 | 374 |

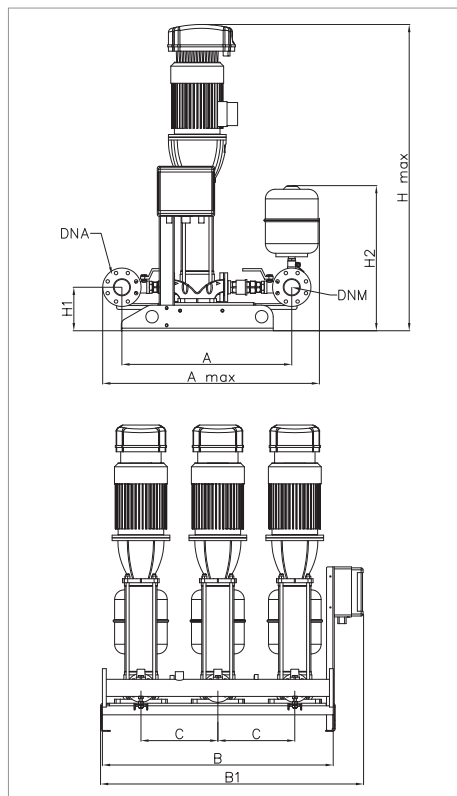
| MODEL | A | B | C | H | H1 | H2 | DNA | DNM | PACKING DIMENSIONS | | | WEIGHT kg |
|----------------------------|------|------|------|------|-----|-----|-----|-----|--------------------|------|------|--------------|
| | | | | | | | | | L/A | L/B | H | |
| 2 NKVE 32/2 T MCE 400-50 | 1150 | 1575 | 1312 | 1476 | 271 | 271 | 150 | 125 | 1400 | 1800 | 2200 | 476 |
| 2 NKVE 32/3-2 T MCE 400-50 | 1150 | 1575 | 1312 | 1558 | 271 | 271 | 150 | 125 | 1400 | 1800 | 2200 | 484 |
| 2 NKVE 32/3 T MCE 400-50 | 1150 | 1575 | 1312 | 1558 | 271 | 271 | 150 | 125 | 1400 | 1800 | 2200 | 506 |
| 2 NKVE 32/4 T MCE 400-50 | 1150 | 1575 | 1312 | 1829 | 271 | 271 | 150 | 125 | 1400 | 1800 | 2200 | 616 |
| 2 NKVE 32/5-2 T MCE 400-50 | 1150 | 1575 | 1312 | 1911 | 271 | 271 | 150 | 125 | 1400 | 1800 | 2200 | 624 |
| 2 NKVE 32/5 T MCE 400-50 | 1150 | 1575 | 1312 | 1911 | 271 | 271 | 150 | 125 | 1400 | 1800 | 2200 | 652 |
| 2 NKVE 32/6 T MCE 400-50 | 1150 | 1575 | 1312 | 1993 | 271 | 271 | 150 | 125 | 1400 | 1800 | 2200 | 660 |
| 2 NKVE 45/2-2 T MCE 400-50 | 1150 | 1622 | 1340 | 1515 | 271 | 271 | 150 | 125 | 1400 | 1800 | 2200 | 488 |
| 2 NKVE 45/2 T MCE 400-50 | 115 | 1622 | 1340 | 1565 | 271 | 271 | 150 | 125 | 1400 | 1800 | 2200 | 510 |
| 2 NKVE 45/3 T MCE 400-50 | 1150 | 1622 | 1340 | 1782 | 271 | 271 | 150 | 125 | 1400 | 1800 | 2200 | 620 |
| 2 NKVE 45/4 T MCE 400-50 | 1150 | 1622 | 1340 | 1864 | 271 | 271 | 150 | 125 | 1400 | 1800 | 2200 | 656 |

2/3/4 NKVE 10 - 15 - 20 - 32 - 45 MCE

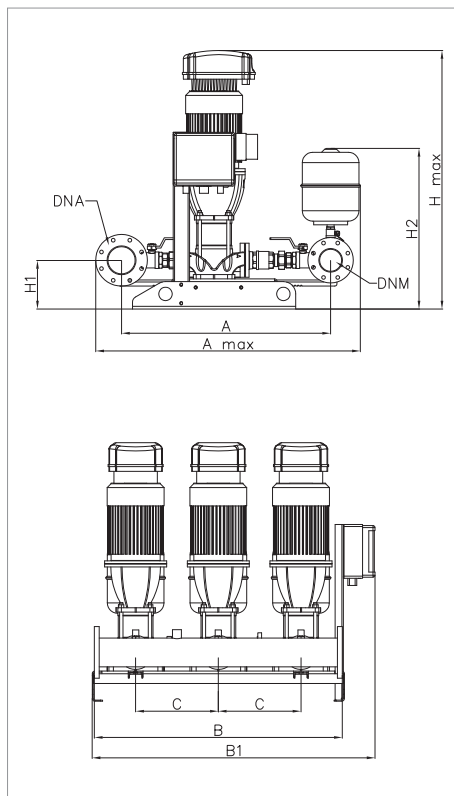
VARIABLE SPEED PRESSURIZATION UNITS WITH MCE

DIMENSIONS AND WEIGHTS

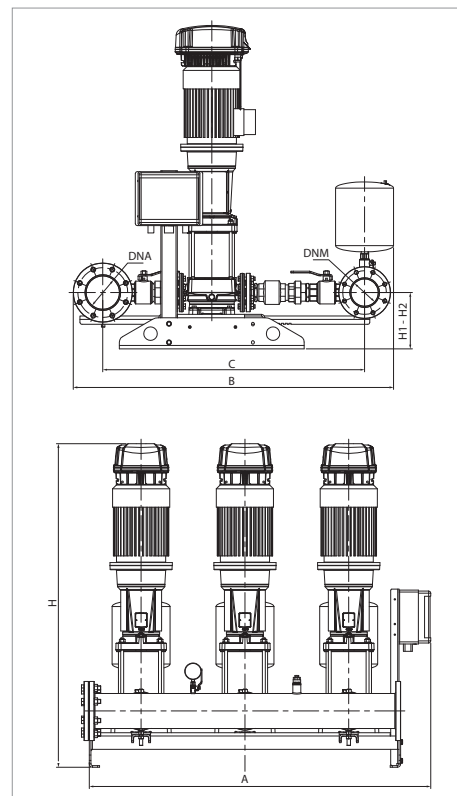
3 NKVE 10



3 NKVE 15 - 20



3 NKVE 32 - 45



| MODEL | A | A MAX | B | B1 | C | H1 | H2 | H MAX | DNA | DNM | PACKING DIMENSIONS | | | WEIGHT kg |
|-------------------------|-------|-------|------|------|-----|-----|-----|-------|-----|-----|--------------------|------|------|--------------|
| | | | | | | | | | | | L/A | L/B | H | |
| 3 NKVE 10/5 T MCE15/P | 9.417 | 1130 | 1200 | 1370 | 400 | 226 | 755 | 1109 | 80 | 80 | 2150 | 1400 | 1800 | 425 |
| 3 NKVE 10/6 T MCE15/P | 885 | 1130 | 1200 | 1370 | 400 | 226 | 755 | 1142 | 80 | 80 | 2150 | 1400 | 1800 | 428 |
| 3 NKVE 10/7 T MCE30/P | 885 | 1130 | 1200 | 1370 | 400 | 226 | 755 | 1221 | 80 | 80 | 2150 | 1400 | 1800 | 468 |
| 3 NKVE 10/8 T MCE30/P | 885 | 1130 | 1200 | 1370 | 400 | 226 | 755 | 1254 | 80 | 80 | 2150 | 1400 | 1800 | 471 |
| 3 NKVE 10/9 T MCE30/P | 885 | 1130 | 1200 | 1370 | 400 | 226 | 755 | 1287 | 80 | 80 | 2150 | 1400 | 1800 | 473 |
| 3 NKVE 10/10 T MCE30/P | 885 | 1130 | 1200 | 1370 | 400 | 226 | 755 | 1335 | 80 | 80 | 2150 | 1400 | 1800 | 503 |
| 3 NKVE 10/12 T MCE55/P | 885 | 1130 | 1200 | 1370 | 400 | 226 | 755 | 1401 | 80 | 80 | 2150 | 1400 | 1800 | 508 |
| 3 NKVE 10/14 T MCE55/P | 885 | 1130 | 1200 | 1370 | 400 | 226 | 755 | 1597 | 80 | 80 | 2150 | 1400 | 1800 | 593 |
| 3 NKVE 15/3 T MCE30/P | 1115 | 1285 | 1200 | 1370 | 400 | 236 | 780 | 1160 | 125 | 100 | 2150 | 1400 | 1800 | 486 |
| 3 NKVE 15/4 T MCE30/P | 1115 | 1285 | 1200 | 1370 | 400 | 236 | 780 | 1225 | 125 | 100 | 2150 | 1400 | 1800 | 516 |
| 3 NKVE 15/5 T MCE55/P | 1115 | 1285 | 1200 | 1370 | 400 | 236 | 780 | 1274 | 125 | 100 | 2150 | 1400 | 1800 | 520 |
| 3 NKVE 15/6 T MCE55/P | 1115 | 1285 | 1200 | 1370 | 400 | 236 | 780 | 1453 | 125 | 100 | 2150 | 1400 | 1800 | 605 |
| 3 NKVE 15/7 T MCE55/P | 1115 | 1285 | 1200 | 1370 | 400 | 236 | 780 | 1503 | 125 | 100 | 2150 | 1400 | 1800 | 608 |
| 3 NKVE 15/8 T MCE55/P | 1115 | 1285 | 1200 | 1370 | 400 | 236 | 780 | 1602 | 125 | 100 | 2150 | 1400 | 1800 | 645 |
| 3 NKVE 15/9 T MCE55/P | 1115 | 1285 | 1200 | 1370 | 400 | 236 | 780 | 1652 | 125 | 100 | 2150 | 1400 | 1800 | 649 |
| 3 NKVE 15/10 T MCE110/P | 1115 | 1285 | 1200 | 1370 | 400 | 236 | 780 | 1846 | 125 | 100 | 2150 | 1400 | 1800 | 818 |

2/3/4 NKVE 10 - 15 - 20 - 32 - 45 MCE

VARIABLE SPEED PRESSURIZATION UNITS WITH MCE

DIMENSIONS AND WEIGHTS

| MODEL | A | A MAX | B | B1 | C | H1 | H2 | H MAX | DNA | DNM | PACKING DIMENSIONS | | | WEIGHT kg |
|-------------------------|------|-------|------|------|-----|-----|-----|-------|-----|-----|--------------------|------|------|--------------|
| | | | | | | | | | | | L/A | L/B | H | |
| 3 NKVE 20/3 T MCE30/P | 1115 | 1285 | 1200 | 1370 | 400 | 236 | 780 | 1175 | 125 | 100 | 2150 | 1400 | 1800 | 471 |
| 3 NKVE 20/4 T MCE55/P | 1115 | 1285 | 1200 | 1370 | 400 | 236 | 780 | 1354 | 125 | 100 | 2150 | 1400 | 1800 | 513 |
| 3 NKVE 20/5 T MCE55/P | 1115 | 1285 | 1200 | 1370 | 400 | 236 | 780 | 1404 | 125 | 100 | 2150 | 1400 | 1800 | 519 |
| 3 NKVE 20/6 T MCE55/P | 1115 | 1285 | 1200 | 1370 | 400 | 236 | 780 | 1503 | 125 | 100 | 2150 | 1400 | 1800 | 556 |
| 3 NKVE 20/7 T MCE55/P | 1115 | 1285 | 1200 | 1370 | 400 | 236 | 780 | 1553 | 125 | 100 | 2150 | 1400 | 1800 | 559 |
| 3 NKVE 20/8 T MCE110/P | 1115 | 1285 | 1200 | 1370 | 400 | 236 | 780 | 1747 | 125 | 100 | 2150 | 1400 | 1800 | 655 |
| 3 NKVE 20/9 T MCE110/P | 1115 | 1285 | 1200 | 1370 | 400 | 236 | 780 | 1796 | 125 | 100 | 2150 | 1400 | 1800 | 658 |
| 3 NKVE 20/10 T MCE110/P | 1115 | 1285 | 1200 | 1370 | 400 | 236 | 780 | 1846 | 125 | 100 | 2150 | 1400 | 1800 | 691 |

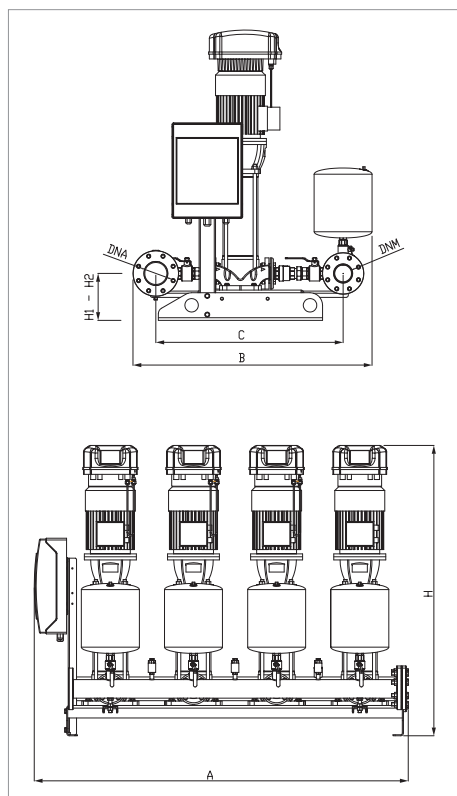
| MODEL | A | B | C | H | H1 | H2 | DNA | DNM | PACKING DIMENSIONS | | | WEIGHT kg |
|----------------------------|------|------|------|------|-----|-----|-----|-----|--------------------|------|------|--------------|
| | | | | | | | | | L/A | L/B | H | |
| 3 NKVE 32/2 T MCE 400-50 | 1683 | 1575 | 1312 | 1476 | 271 | 271 | 150 | 125 | 1500 | 2250 | 2200 | 714 |
| 3 NKVE 32/3-2 T MCE 400-50 | 1683 | 1575 | 1312 | 1558 | 271 | 271 | 150 | 125 | 1500 | 2250 | 2200 | 726 |
| 3 NKVE 32/3 T MCE 400-50 | 1683 | 1575 | 1312 | 1558 | 271 | 271 | 150 | 125 | 1500 | 2250 | 2200 | 759 |
| 3 NKVE 32/4 T MCE 400-50 | 1683 | 1575 | 1312 | 1829 | 271 | 271 | 150 | 125 | 1500 | 2250 | 2200 | 924 |
| 3 NKVE 32/5-2 T MCE 400-50 | 1683 | 1575 | 1312 | 1911 | 271 | 271 | 150 | 125 | 1500 | 2250 | 2200 | 936 |
| 3 NKVE 32/5 T MCE 400-50 | 1683 | 1575 | 1312 | 1911 | 271 | 271 | 150 | 125 | 1500 | 2250 | 2200 | 978 |
| 3 NKVE 32/6 T MCE 400-50 | 1683 | 1575 | 1312 | 1993 | 271 | 271 | 150 | 125 | 1500 | 2250 | 2200 | 990 |
| 3 NKVE 45/2-2 T MCE 400-50 | 1683 | 1622 | 1340 | 1515 | 306 | 306 | 200 | 150 | 1500 | 2250 | 2200 | 732 |
| 3 NKVE 45/2 T MCE 400-50 | 1683 | 1622 | 1340 | 1565 | 306 | 306 | 200 | 150 | 1500 | 2250 | 2200 | 765 |
| 3 NKVE 45/3 T MCE 400-50 | 1683 | 1622 | 1340 | 1782 | 306 | 306 | 200 | 150 | 1500 | 2250 | 2200 | 930 |
| 3 NKVE 45/4 T MCE 400-50 | 1683 | 1622 | 1340 | 1864 | 306 | 306 | 200 | 150 | 1500 | 2250 | 2200 | 984 |

2/3/4 NKVE 10 - 15 - 20 - 32 - 45 MCE

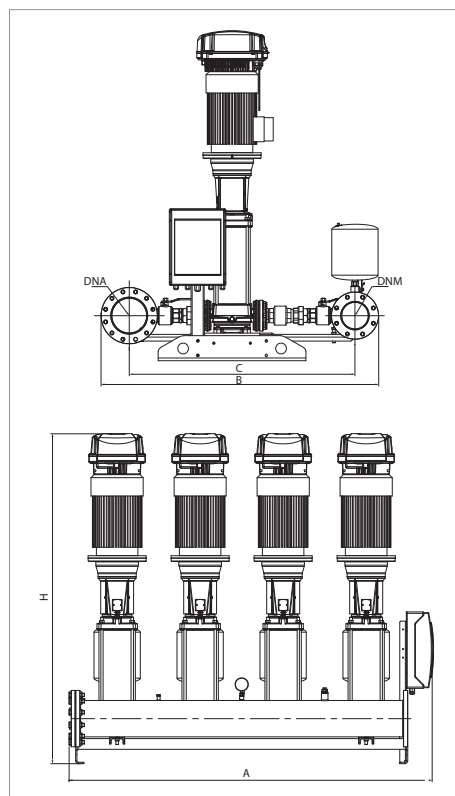
VARIABLE SPEED PRESSURIZATION UNITS WITH MCE

DIMENSIONS AND WEIGHTS

4 NKVE 10 - 15 - 20



4 NKVE 32 - 45



| MODEL | A | B | C | H | H1 | H2 | H MAX | DNA | DNM | PACKING DIMENSIONS | | | WEIGHT kg |
|---------------------------|------|------|-----|------|-----|-----|-------|-----|-----|--------------------|------|------|--------------|
| | | | | | | | | | | L/A | L/B | H | |
| 4 NKVE 10/5 T MCE 400-50 | 1800 | 1150 | 900 | 1108 | 226 | 226 | 1109 | 100 | 80 | 2250 | 1500 | 2200 | 327 |
| 4 NKVE 10/6 T MCE 400-50 | 1800 | 1150 | 900 | 1141 | 226 | 226 | 1142 | 100 | 80 | 2250 | 1500 | 2200 | 571 |
| 4 NKVE 10/7 T MCE 400-50 | 1800 | 1150 | 900 | 1221 | 226 | 226 | 1221 | 100 | 80 | 2250 | 1500 | 2200 | 624 |
| 4 NKVE 10/8 T MCE 400-50 | 1800 | 1150 | 900 | 1254 | 226 | 226 | 1254 | 100 | 80 | 2250 | 1500 | 2200 | 628 |
| 4 NKVE 10/9 T MCE 400-50 | 1800 | 1150 | 900 | 1287 | 226 | 226 | 1287 | 100 | 80 | 2250 | 1500 | 2200 | 631 |
| 4 NKVE 10/10 T MCE 400-50 | 1800 | 1150 | 900 | 1335 | 226 | 226 | 1335 | 100 | 80 | 2250 | 1500 | 2200 | 671 |
| 4 NKVE 10/12 T MCE 400-50 | 1800 | 1150 | 900 | 1401 | 226 | 226 | 1401 | 100 | 80 | 2250 | 1500 | 2200 | 678 |

| MODEL | A | B | C | H | H1 | H2 | DNA | DNM | PACKING DIMENSIONS | | | WEIGHT kg |
|---------------------------|------|------|------|------|-----|-----|-----|-----|--------------------|------|------|--------------|
| | | | | | | | | | L/A | L/B | H | |
| 4 NKVE 15/3 T MCE 400-50 | 1800 | 1330 | 1050 | 1160 | 236 | 236 | 150 | 125 | 2150 | 1000 | 1400 | 648 |
| 4 NKVE 15/4 T MCE 400-50 | 1800 | 1330 | 1050 | 1225 | 236 | 236 | 150 | 125 | 2150 | 1000 | 1400 | 688 |
| 4 NKVE 15/5 T MCE 400-50 | 1800 | 1330 | 1050 | 1274 | 236 | 236 | 150 | 125 | 2150 | 1000 | 1400 | 694 |
| 4 NKVE 15/6 T MCE 400-50 | 1800 | 1330 | 1050 | 1453 | 236 | 236 | 150 | 125 | 2150 | 1000 | 1400 | 807 |
| 4 NKVE 15/7 T MCE 400-50 | 1800 | 1330 | 1050 | 1503 | 236 | 236 | 150 | 125 | 2150 | 1000 | 1400 | 811 |
| 4 NKVE 15/8 T MCE 400-50 | 1800 | 1330 | 1050 | 1602 | 236 | 236 | 150 | 125 | 2150 | 1000 | 1400 | 860 |
| 4 NKVE 15/9 T MCE 400-50 | 1800 | 1330 | 1050 | 1652 | 236 | 236 | 150 | 125 | 2150 | 1000 | 1400 | 865 |
| 4 NKVE 15/10 T MCE 400-50 | 1800 | 1330 | 1050 | 1846 | 236 | 236 | 150 | 125 | 2150 | 1000 | 1400 | 919 |

2/3/4 NKVE 10 - 15 - 20 - 32 - 45 MCE

VARIABLE SPEED PRESSURIZATION UNITS WITH MCE

DIMENSIONS AND WEIGHTS

| MODEL | A | B | C | H | H1 | H2 | DNA | DNM | PACKING DIMENSIONS | | | WEIGHT kg |
|----------------------------|------|------|------|------|-----|-----|-----|-----|--------------------|------|------|--------------|
| | | | | | | | | | L/A | L/B | H | |
| 4 NKVE 20/3 T MCE 400-50 | 1800 | 1330 | 1150 | 1175 | 236 | 236 | 150 | 125 | 2150 | 1000 | 1400 | 628 |
| 4 NKVE 20/4 T MCE 400-50 | 1800 | 1330 | 1150 | 1354 | 236 | 236 | 150 | 125 | 2150 | 1000 | 1400 | 684 |
| 4 NKVE 20/5 T MCE 400-50 | 1800 | 1330 | 1150 | 1404 | 236 | 236 | 150 | 125 | 2150 | 1000 | 1400 | 692 |
| 4 NKVE 20/6 T MCE 400-50 | 1800 | 1330 | 1150 | 1503 | 236 | 236 | 150 | 125 | 2150 | 1000 | 1400 | 741 |
| 4 NKVE 20/7 T MCE 400-50 | 1800 | 1330 | 1150 | 1553 | 236 | 236 | 150 | 125 | 2150 | 1000 | 1400 | 745 |
| 4 NKVE 20/8 T MCE 400-50 | 1800 | 1330 | 1150 | 1747 | 236 | 236 | 150 | 125 | 2150 | 1000 | 1400 | 873 |
| 4 NKVE 20/9 T MCE 400-50 | 1800 | 1330 | 1150 | 1796 | 236 | 236 | 150 | 125 | 2150 | 1000 | 1400 | 877 |
| 4 NKVE 20/10 T MCE 400-50 | 1800 | 1330 | 1150 | 1846 | 236 | 236 | 150 | 125 | 2150 | 1000 | 1400 | 921 |
| 4 NKVE 32/2 T MCE 400-50 | 2195 | 1672 | 1340 | 1476 | 271 | 271 | 200 | 150 | 2660 | 1760 | 2200 | 952 |
| 4 NKVE 32/3-2 T MCE 400-50 | 2195 | 1672 | 1340 | 1558 | 271 | 271 | 200 | 150 | 2660 | 1760 | 2200 | 968 |
| 4 NKVE 32/3 T MCE 400-50 | 2195 | 1672 | 1340 | 1558 | 271 | 271 | 200 | 150 | 2660 | 1760 | 2200 | 1012 |
| 4 NKVE 32/4 T MCE 400-50 | 2195 | 1672 | 1340 | 1829 | 271 | 271 | 200 | 150 | 2660 | 1760 | 2200 | 1232 |
| 4 NKVE 32/5-2 T MCE 400-50 | 2195 | 1672 | 1340 | 1911 | 271 | 271 | 200 | 150 | 2660 | 1760 | 2200 | 1248 |
| 4 NKVE 32/5 T MCE 400-50 | 2195 | 1672 | 1340 | 1911 | 271 | 271 | 200 | 150 | 2660 | 1760 | 2200 | 1304 |
| 4 NKVE 32/6 T MCE 400-50 | 2195 | 1672 | 1340 | 1993 | 271 | 271 | 200 | 150 | 2660 | 1760 | 2200 | 1320 |
| 4 NKVE 45/2-2 T MCE 400-50 | 2195 | 1813 | 1440 | 1515 | 306 | 306 | 250 | 200 | 2660 | 1760 | 2200 | 976 |
| 4 NKVE 45/2 T MCE 400-50 | 2195 | 1813 | 1440 | 1565 | 306 | 306 | 250 | 200 | 2660 | 1760 | 2200 | 1020 |
| 4 NKVE 45/3 T MCE 400-50 | 2195 | 1813 | 1440 | 1782 | 306 | 306 | 250 | 200 | 2660 | 1760 | 2200 | 1240 |
| 4 NKVE 45/4 T MCE 400-50 | 2195 | 1813 | 1440 | 1864 | 306 | 306 | 250 | 200 | 2660 | 1760 | 2200 | 1312 |

DCONNECT

COMMAND AND
CONTROL SYSTEMS

CIRCULATORS AND
IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL
AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND
SALT WATER PUMPS

CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS
AND SUBMERSIBLE MOTORS

PRESSURE UNITS

2/3 KVCXE MCE/P DCONNECT

VARIABLE SPEED BOOSTER SET WITH MCE-P VARIABLE FREQUENCY DRIVE AND DCONNECT

HIGH EFFICIENCY MOTORS



Booster set with 2 or 3 KVCX pumps with one MCE-P variable frequency drive for pump installed as standard. The booster set is designed to increase pressure in commercial building service and for activities in agriculture and irrigation. Limited size thanks to the use of vertical pumps. There is one expansion tank per group. Base in galvanized sheet metal with anti-vibration rubber feet. Inlet and outlet manifolds in galvanized steel. Suction check valves for each pump. Possibility of remote control thanks to the DConnect service.

DConnect Box (installed in a IP 65 panel) included as standard. The cloud service is manageable from the internetofpumps.com website or from the DConnectApp (for Android or iOS) it is possible to control installations even remotely and receive alarms in real time through an extremely functional and clear user interface.

Operating range from 0,5 to 36 m³/h with head of up to 112 m

Pumped liquid Clean, free of solids and abrasives, non-viscous, non-aggressive, non-crystallised and chemically neutral

Liquid temperature range from 0°C to +40°C

Maximum ambient temperature +40°C

Maximum operating pressure 12 bar / 1200 kPa

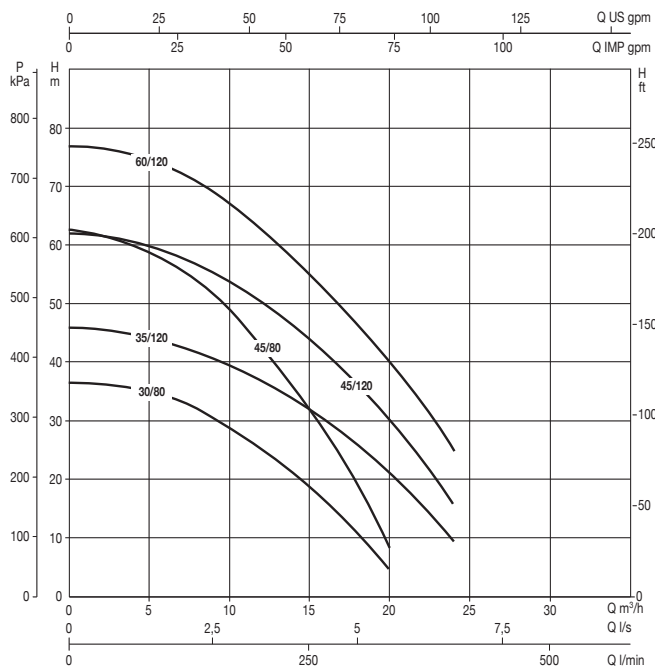
Protection class IP55

Special executions on request different voltages or frequencies, units with up to four pumps

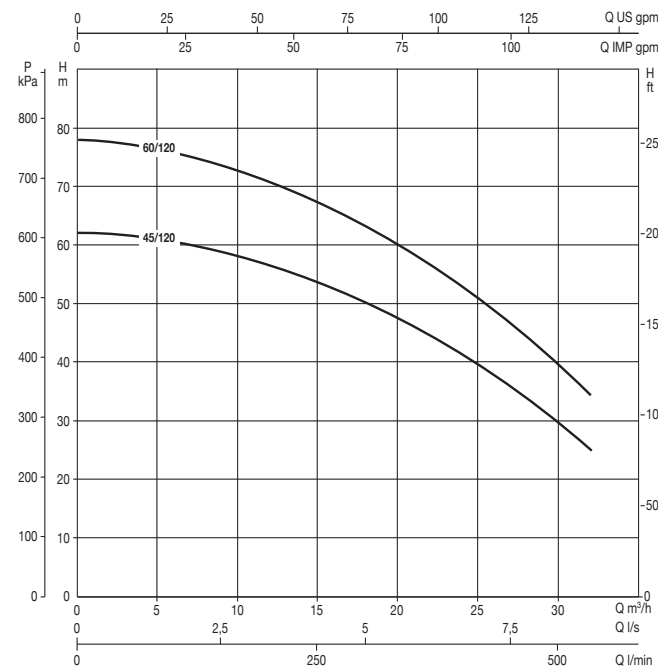
TECHNICAL DATA

| MODEL | ELECTRICAL DATA | | | HYDRAULIC DATA | | Ø | | WEIGHT Kg |
|----------------------------------|-----------------|------------|---------|---------------------|----------|--------|--------|-----------|
| | VOLTAGE 60 Hz | P2 NOMINAL | | Q m ³ /h | H bar | A | M | |
| | | kW X 2 | HP X 2 | | | | | |
| 2KVCXE 30/80 T+N MCE/P DCONNECT | 3 X 400 V ~ + N | 2 x 0,8 | 2 x 1,1 | 07-9,6-18 | 37-30-11 | 2" | 2" | 80 |
| 2KVCXE 45/80 T+N MCE/P DCONNECT | 3 X 400 V ~ + N | 2 x 1,1 | 2 x 1,5 | 0,7-9,6-18 | 65-53-21 | 2" | 2" | 90 |
| 2KVCXE 35/120 T+N MCE/P DCONNECT | 3 X 400 V ~ + N | 2 x 1,1 | 2 x 1,5 | 1,2-12-24 | 46-37-12 | 2" | 2" | 81 |
| 2KVCXE 45/120 T+N MCE/P DCONNECT | 3 X 400 V ~ + N | 2 x 1,85 | 2 x 2,5 | 1,2-12-24 | 62-52-17 | 2" | 2" | 85 |
| 2KVCXE 60/120 T MCE/P DCONNECT | 3 X 400 V ~ | 2 x 2,2 | 2 x 3 | 1,2-12-24 | 78-63-25 | 2" | 2" | 90 |
| 3KVCXE 45/120 T+N MCE/P DCONNECT | 3 X 400 V ~ + N | 3 x 1,85 | 3 x 2,5 | 1,2-18-36 | 62-52-17 | 2 1/2" | 2 1/2" | 160 |
| 3KVCXE 60/120 T MCE/P DCONNECT | 3 X 400 V ~ | 3 x 2,2 | 3 x 3 | 1,2-18-36 | 78-63-25 | 2 1/2" | 2 1/2" | 160 |

2 KVCXE



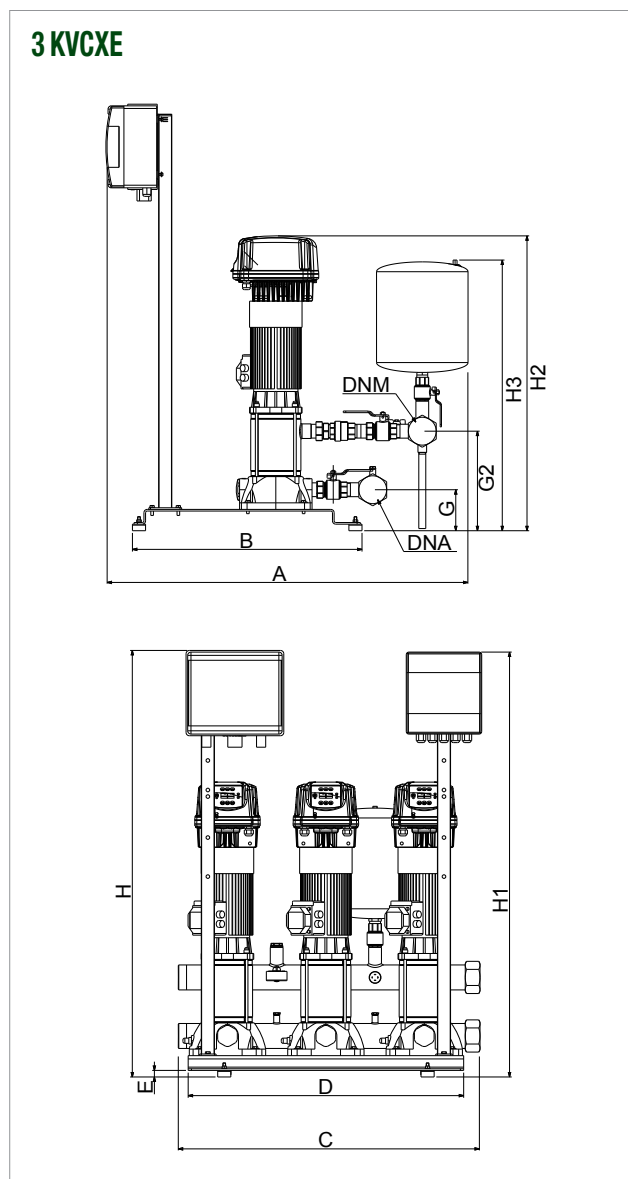
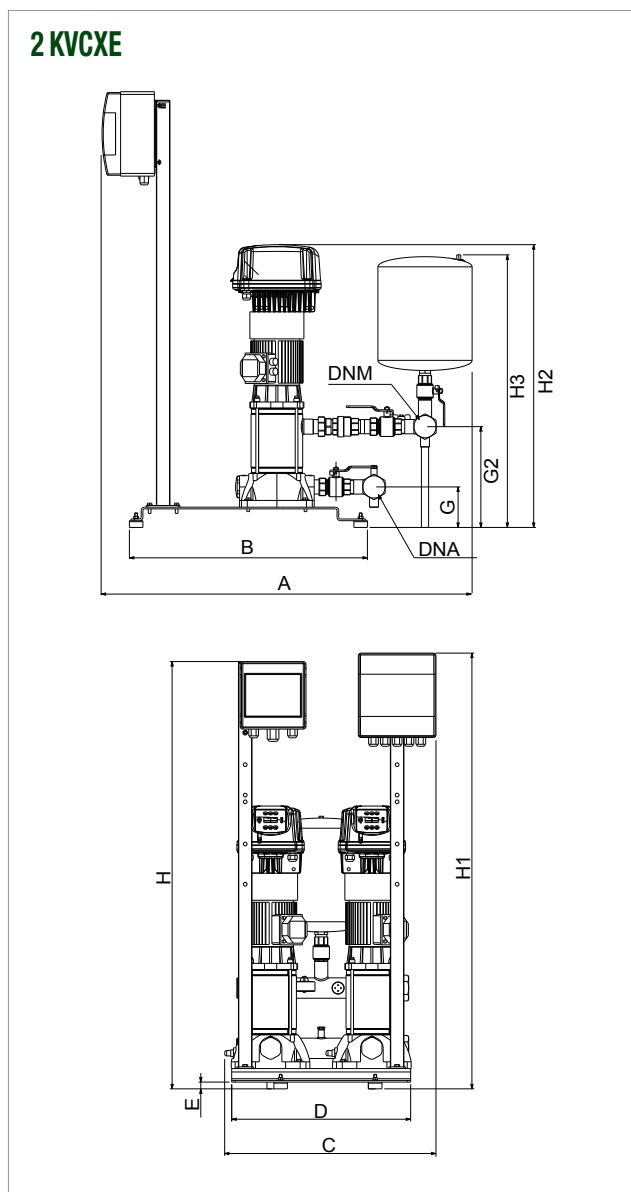
3 KVCXE



2/3 KVCXE MCE/P DCONNECT

VARIABLE SPEED BOOSTER SET WITH MCE-P VARIABLE FREQUENCY DRIVE AND DCONNECT

DIMENSIONS AND WEIGHTS



| MODEL | A | B | C | D | E | G | G2 | H | H1 | H2 | H3 | DNA | DNM | PACKING DIMENSIONS | | | WEIGHT kg |
|---|------|-----|-----|-----|----|-----|-----|------|------|-----|-----|--------|--------|--------------------|------|------|--------------|
| | | | | | | | | | | | | | | L/A | L/B | H | |
| 2KVCXE 30/80 T+N MCE/P DCONNECT | 1096 | 705 | 626 | 530 | 20 | 120 | 244 | 1266 | 1291 | 788 | 753 | 2" | 2" | 852 | 1202 | 1413 | 148,5 |
| 2KVCXE 45/80 T+N MCE/P DCONNECT | 1096 | 705 | 626 | 530 | 20 | 120 | 299 | 1266 | 1291 | 838 | 807 | 2" | 2" | 852 | 1202 | 1413 | 148,6 |
| 2KVCXE 35/120 T+N MCE/P DCONNECT | 1096 | 705 | 626 | 530 | 20 | 120 | 244 | 1266 | 1291 | 764 | 753 | 2" | 2" | 852 | 1202 | 1413 | 148,5 |
| 2KVCXE 45/120 T+N MCE/P DCONNECT | 1096 | 705 | 626 | 530 | 20 | 120 | 299 | 1266 | 1291 | 894 | 807 | 2" | 2" | 852 | 1202 | 1413 | 148,7 |
| 2KVCXE 60/120 T MCE/P DCONNECT | 1096 | 705 | 623 | 530 | 20 | 120 | 299 | 1266 | 1291 | 891 | 807 | 2" | 2" | 852 | 1202 | 1413 | 148,7 |
| 3KVCXE 45/120 T+N MCE/P DCONNECT | 1104 | 700 | 920 | 840 | 20 | 125 | 304 | 1301 | 1296 | 899 | 825 | 2" 1/2 | 2" 1/2 | 1352 | 1152 | 1393 | 168,5 |
| 3KVCXE 60/120 T MCE/P DCONNECT | 1104 | 700 | 920 | 840 | 20 | 125 | 304 | 1301 | 1296 | 896 | 825 | 2" 1/2 | 2" 1/2 | 1352 | 1152 | 1393 | 169,5 |

2 JET

SETS WITH 2 SELF-PRIMING PUMPS



DAB's 2 Jet is a pressure set with 2 x Jet self-priming pumps and EBox Plus electric panel (with display) installed as standard, designed for pressurisation and collection from the subsoil in domestic, residential, civil and commercial applications.

The Jet self-priming pumps can draw water from wells (up to 8 metres deep) even in the presence of air or sandy impurities.

The EBox Plus panel can switch operation of the pumps at each start-up and provides dry run protection when combined with a float or pressure switch. Air supply connector included. Each Jet pump has an expansion vessel. The units are provided already assembled, set up and tested directly at the factory, and with the installation and maintenance instructions and test report.

Operating range from 1 to 14.4 m³/h, with head up to 62 m

Pumped liquid Clean, free of solids and abrasive substances, non-viscous, non-aggressive, non-crystallised and chemically neutral

Liquid temperature range
From +0 °C to +40 °C

Maximum ambient temperature +40°C

Maximum operating pressure 10 bar /1000 kPa

Special executions on request
Yes, different voltages or frequencies

Protection class IP 44 (IP55 at the terminal board)

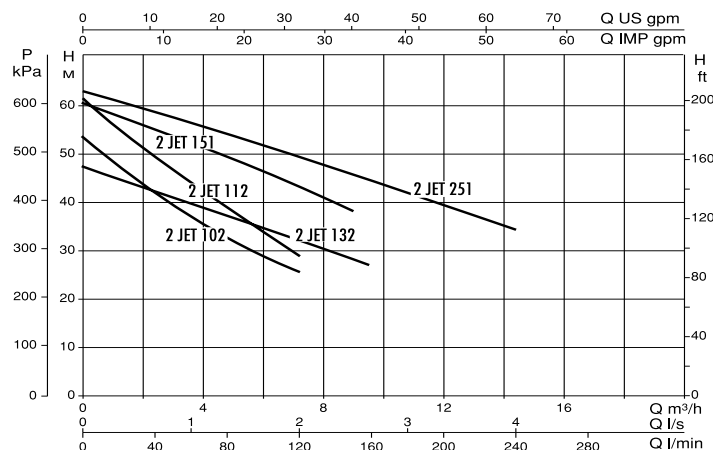
Including 2 18-litre expansion vessels



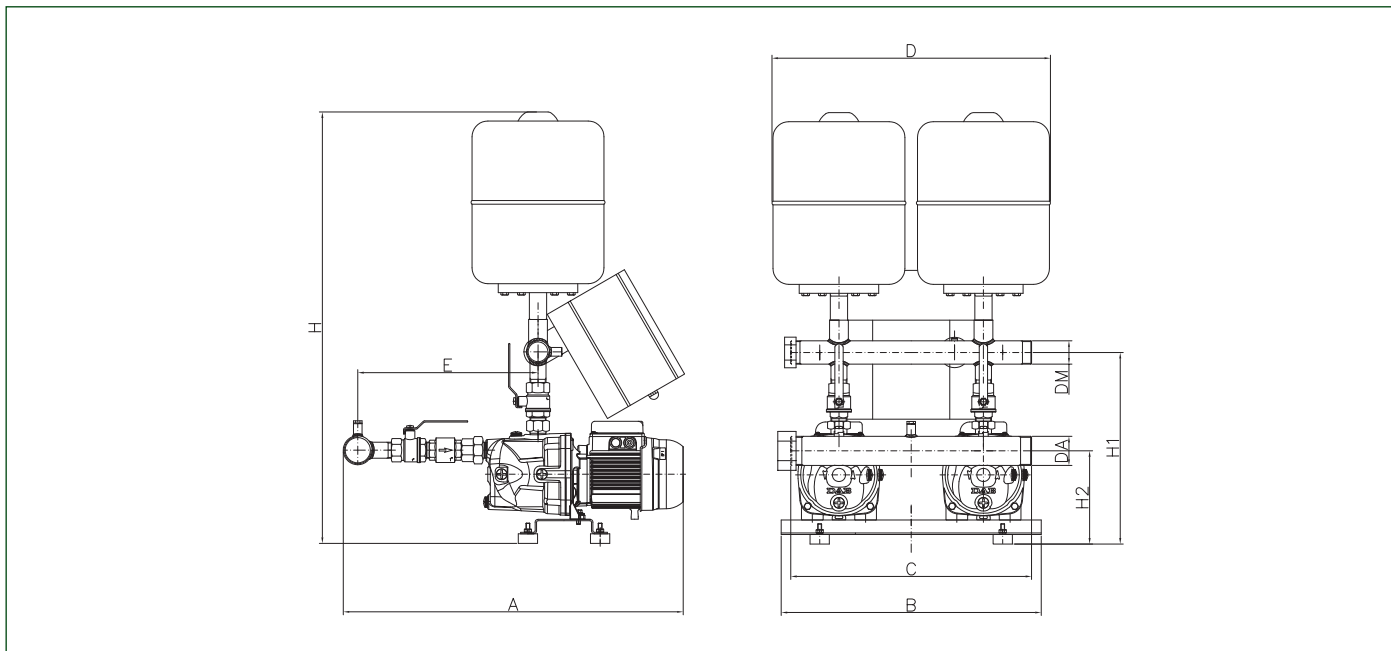
TECHNICAL DATA

| MODEL | ELECTRICAL DATA | | | | FLOW RATE m ³ /h | MAXIMUM PRESSURE OBTAINABLE BAR | PRESSURE SWITCH SETTING IN BAR |
|-------------|-----------------|------------|--------|-----------|--------------------------------|---------------------------------------|--------------------------------------|
| | VOLTAGE 60 Hz | P2 NOMINAL | | In A | | | |
| | | kW | HP | | | | |
| 2 JET 102 M | 1x220-230 V~ | 2x0,44 | 2x0,66 | 2x3,8-4 | 6,6-3,0 | 5 | 3,5 |
| 2 JET 112 M | 1x220-230 V~ | 2x1 | 2x1,36 | 2x6,7-7 | 6,6-3,0 | 5,8 | 4 |
| 2 JET 132 M | 1x220-230 V~ | 2x1 | 2x1,36 | 2x7,2-7,6 | 9,6-3,0 | 4,6 | 3 |
| 2 JET 151 M | 1x220-230 V~ | 2x1,1 | 2x1,5 | 2x7,65-8 | 9,4-5,0 | 6,1 | 4 |
| 2 JET 251 M | 1x220-230 V~ | 2x1,85 | 2x2,5 | 2x10,5-11 | 14,0-7,2 | 6,4 | 4 |
| 2 JET 102 T | 3x380-400 V~ | 2x0,75 | 2x1 | 2x1,5 | 6,6-3,0 | 5 | 3,5 |
| 2 JET 112 T | 3x380-400 V~ | 2x1 | 2x1,36 | 2x2,15 | 6,6-3,0 | 5,8 | 4 |
| 2 JET 132 T | 3x380-400 V~ | 2x1 | 2x1,36 | 2x2,37 | 9,6-3,0 | 4,6 | 3 |
| 2 JET 151 T | 3x380-400 V~ | 2x1,1 | 2x1,5 | 2x2,6 | 9,4-5,0 | 6 | 4 |
| 2 JET 251 T | 3x380-400 V~ | 2x1,85 | 2x2,5 | 2x3,7 | 14,4-7,2 | 6 | 4 |

The set is supplied assembled, tested, in a strong carton on a wooden pallet complete with instruction leaflet and wiring diagram.
Available on request the 3x230 V version.



DIMENSIONS AND WEIGHTS



| MODEL | A | B | C | D | E | H | H1 | H2 | Ø COLLECTOR | | WEIGHT Kg |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-------------|---------|--------------|
| | | | | | | | | | ASPIRATION | IMPULSE | |
| 2 JET 102 M | 715 | 540 | 500 | 575 | 385 | 830 | 398 | 194 | 2" | 1 1/2" | 71 |
| 2 JET 112 M | 715 | 540 | 500 | 575 | 385 | 830 | 398 | 194 | 2" | 1 1/2" | 74 |
| 2 JET 132 M | 715 | 540 | 500 | 575 | 385 | 830 | 398 | 194 | 2" | 1 1/2" | 77 |
| 2 JET 151 M | 715 | 540 | 500 | 565 | 385 | 830 | 398 | 194 | 2" | 1 1/2" | 101 |
| 2 JET 251 M | 715 | 540 | 500 | 575 | 385 | 830 | 398 | 194 | 2" | 1 1/2" | 75 |
| 2 JET 102 T | 715 | 540 | 500 | 575 | 385 | 830 | 398 | 194 | 2" | 1 1/2" | 75 |
| 2 JET 112 T | 715 | 540 | 500 | 575 | 385 | 830 | 398 | 194 | 2" | 1 1/2" | 78 |
| 2 JET 132 T | 715 | 540 | 500 | 575 | 385 | 830 | 398 | 194 | 2" | 1 1/2" | 81 |
| 2 JET 151 T | 960 | 540 | 500 | 565 | 535 | 850 | 458 | 184 | 2" | 1 1/2" | 105 |
| 2 JET 251 T | 960 | 540 | 500 | 565 | 535 | 850 | 458 | 184 | 2" | 1 1/2" | 108 |

2 EURO / 2 EUROINOX

SETS WITH 2 HORIZONTAL MULTISTAGE EURO



DAB's 2 Euro and 2 EuroInox are pressurisation units with horizontal multi-impeller pumps for domestic, residential, civil and commercial applications.

2 Euro has the pump body in cast iron, 2 EuroInox is self-priming with pump body in stainless steel.

The units consist of two pumps, two expansion vessels and an EBox panel with display (EBox Plus) that can switch operation of the pumps at each start-up and provide dry run protection when combined with a float or pressure switch.

Air supply connector included. Each pump has an expansion vessel.

The units are provided already assembled, set up and tested directly at the factory, and with the installation and maintenance instructions and test report.

Operating range from 1 to 14,5 m³/h with head up to 72 m

Pumped liquid Clean, free of solids and abrasive substances, non-viscous, non-aggressive, non-crystallised and chemically neutral

Liquid temperature range
From +0 °C to +40 °C

Maximum ambient temperature +40°C Maximum operating pressure 10 bar / 1000 kPa

Special executions on request Yes, different voltages or frequencies

Protection class IP 44 (IP55 at the terminal board)

Including 2 18-litre expansion vessels



TECHNICAL DATA

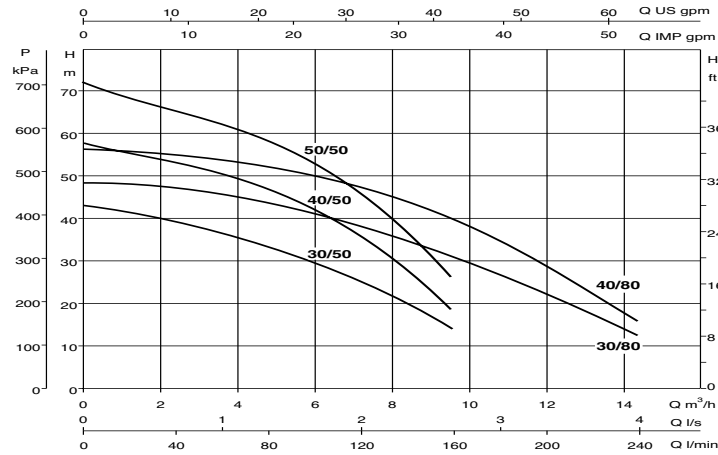
| MODEL | ELECTRICAL DATA | | | | FLOW RATE m ³ /h | MAXIMUM PRESSURE OBTAINABLE BAR | PRESSURE SWITCH SETTING IN BAR |
|-----------------|-----------------|------------|--------|-------------|--------------------------------|---------------------------------------|--------------------------------------|
| | VOLTAGE 60 Hz | P2 NOMINAL | | In A | | | |
| | | kW | HP | | | | |
| 2 EURO 30/506 M | 1x220-230 V~ | 2x0,5 | 2x0,75 | 2x8,31-4,28 | 8,0-4,4 | 3,8 | 2,5 |
| 2 EURO 40/506 M | 1x220-230 V~ | 2x0,8 | 2x1,1 | 2x6,1-6,4 | 8,0-5,2 | 5,3 | 3,5 |
| 2 EURO 50/506 M | 1x220-230 V~ | 2x1 | 2x1,36 | 2x6,12-6,4 | 7,6-5,2 | 6,5 | 4,5 |
| 2 EURO 30/806 M | 1x220-230 V~ | 2x0,8 | 2x1,1 | 2x6,1-6,4 | 11,0-7,0 | 4,3 | 3 |
| 2 EURO 40/806 M | 1x220-230 V~ | 2x1 | 2x1,36 | 2x5,8-6,1 | 10,0-6,0 | 5,5 | 4 |
| 2 EURO 30/506 T | 3x380-400 V~ | 2x0,5 | 2x0,75 | 2x1,7 | 8,0-4,4 | 3,8 | 2,5 |
| 2 EURO 40/506 T | 3x380-400 V~ | 2x0,8 | 2x1 | 2x1,9 | 8,0-5,2 | 5,3 | 3,5 |
| 2 EURO 50/506 T | 3x380-400 V~ | 2x1 | 2x1,36 | 2x2,2 | 7,6-5,2 | 6,5 | 4,5 |
| 2 EURO 30/806 T | 3x380-400 V~ | 2x0,8 | 2x1,1 | 2x1,9 | 11,0-7,0 | 4,3 | 3 |
| 2 EURO 40/806 T | 3x380-400 V~ | 2x1 | 2x1,36 | 2x2,2 | 10,0-6,0 | 5,5 | 4 |

| MODEL | ELECTRICAL DATA | | | | FLOW RATE m ³ /h | MAXIMUM PRESSURE OBTAINABLE BAR | PRESSURE SWITCH SETTING IN BAR |
|---------------------|-----------------|------------|--------|-------------|--------------------------------|---------------------------------------|--------------------------------------|
| | VOLTAGE 60 Hz | P2 NOMINAL | | In A | | | |
| | | kW | HP | | | | |
| 2 EUROINOX 30/506 M | 1x220-230 V~ | 2x0,5 | 2x0,75 | 2x8,31-4,28 | 8,0-4,4 | 3,8 | 2,5 |
| 2 EUROINOX 40/506 M | 1x220-230 V~ | 2x0,8 | 2x1,1 | 2x6,1-6,4 | 8,0-5,2 | 5,3 | 3,5 |
| 2 EUROINOX 50/506 M | 1x220-230 V~ | 2x1 | 2x1,36 | 2x6,12-6,4 | 7,6-5,2 | 6,5 | 4,5 |
| 2 EUROINOX 30/806 M | 1x220-230 V~ | 2x0,8 | 2x1,1 | 2x6,1-6,4 | 11,0-7,0 | 4,3 | 3 |
| 2 EUROINOX 40/806 M | 1x220-230 V~ | 2x1 | 2x1,36 | 2x5,8-6,1 | 10,0-6,0 | 5,5 | 4 |
| 2 EUROINOX 30/506 T | 3x380-400 V~ | 2x0,5 | 2x0,75 | 2x1,7 | 8,0-4,4 | 3,8 | 2,5 |
| 2 EUROINOX 40/506 T | 3x380-400 V~ | 2x0,8 | 2x1 | 2x1,9 | 8,0-5,2 | 5,3 | 3,5 |
| 2 EUROINOX 50/506 T | 3x380-400 V~ | 2x1 | 2x1,36 | 2x2,2 | 7,6-5,2 | 6,5 | 4,5 |
| 2 EUROINOX 30/806 T | 3x380-400 V~ | 2x0,8 | 2x1,1 | 2x1,9 | 11,0-7,0 | 4,3 | 3 |
| 2 EUROINOX 40/806 T | 3x380-400 V~ | 2x1 | 2x1,36 | 2x2,2 | 10,0-6,0 | 5,5 | 4 |

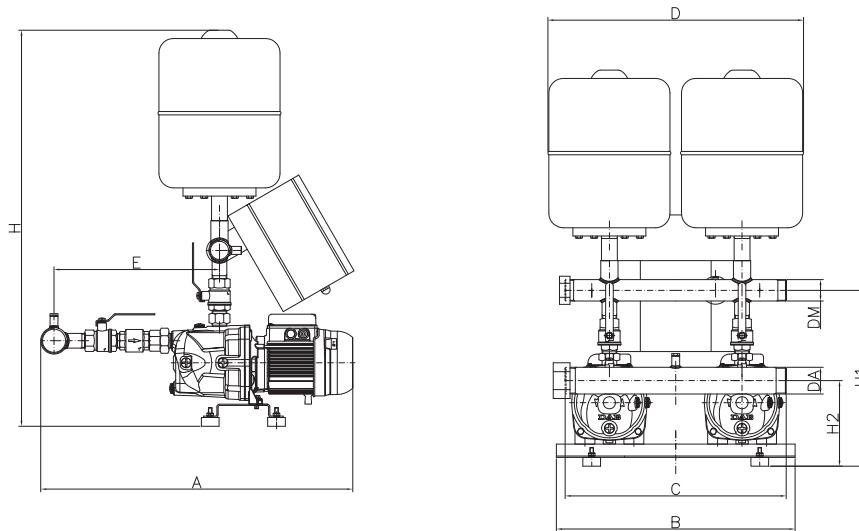
The set is supplied assembled, tested, in a strong carton on a wooden pallet complete with instruction leaflet and wiring diagram.
Available on request the 3x230 V version.



2 EURO / 2 EUROINOX SETS WITH 2 HORIZONTAL MULTISTAGE EURO



DIMENSIONS AND WEIGHTS



| MODEL | A | B | C | D | E | H | H1 | H2 | Ø COLLECTOR | | WEIGHT Kg |
|---------------------|-----|-----|-----|-----|-----|-----|-----|-----|-------------|---------|--------------|
| | | | | | | | | | ASPIRATION | IMPULSE | |
| 2 EURO 30/506 M | 755 | 540 | 500 | 578 | 415 | 830 | 402 | 194 | 2" | 1 1/2" | 57 |
| 2 EURO 40/506 M | 755 | 540 | 500 | 578 | 415 | 830 | 402 | 194 | 2" | 1 1/2" | 57 |
| 2 EURO 50/506 M | 755 | 540 | 500 | 578 | 415 | 830 | 402 | 194 | 2" | 1 1/2" | 56 |
| 2 EURO 30/806 M | 755 | 540 | 500 | 578 | 415 | 830 | 402 | 194 | 2" | 1 1/2" | 57 |
| 2 EURO 40/806 M | 755 | 540 | 500 | 578 | 415 | 830 | 402 | 194 | 2" | 1 1/2" | 56 |
| 2 EURO 30/506 T | 755 | 540 | 500 | 578 | 415 | 830 | 402 | 194 | 2" | 1 1/2" | 57 |
| 2 EURO 40/506 T | 755 | 540 | 500 | 578 | 415 | 830 | 402 | 194 | 2" | 1 1/2" | 57 |
| 2 EURO 50/506 T | 755 | 540 | 500 | 578 | 415 | 830 | 402 | 194 | 2" | 1 1/2" | 58 |
| 2 EURO 30/806 T | 755 | 540 | 500 | 578 | 415 | 830 | 402 | 194 | 2" | 1 1/2" | 57 |
| 2 EURO 40/806 T | 755 | 540 | 500 | 578 | 415 | 830 | 402 | 194 | 2" | 1 1/2" | 58 |
| 2 EUROINOX 30/506 M | 760 | 540 | 500 | 578 | 450 | 830 | 420 | 194 | 2" | 1 1/2" | 57 |
| 2 EUROINOX 40/506 M | 760 | 540 | 500 | 578 | 450 | 830 | 420 | 194 | 2" | 1 1/2" | 57 |
| 2 EUROINOX 50/506 M | 760 | 540 | 500 | 578 | 450 | 830 | 420 | 194 | 2" | 1 1/2" | 57 |
| 2 EUROINOX 30/806 M | 760 | 540 | 500 | 578 | 450 | 830 | 420 | 194 | 2" | 1 1/2" | 57 |
| 2 EUROINOX 40/806 M | 760 | 540 | 500 | 578 | 450 | 830 | 420 | 194 | 2" | 1 1/2" | 57 |
| 2 EUROINOX 30/506 T | 760 | 540 | 500 | 578 | 450 | 830 | 420 | 194 | 2" | 1 1/2" | 57 |
| 2 EUROINOX 40/506 T | 760 | 540 | 500 | 578 | 450 | 830 | 420 | 194 | 2" | 1 1/2" | 57 |
| 2 EUROINOX 50/506 T | 760 | 540 | 500 | 578 | 450 | 830 | 420 | 194 | 2" | 1 1/2" | 58 |
| 2 EUROINOX 30/806 T | 760 | 540 | 500 | 578 | 450 | 830 | 420 | 194 | 2" | 1 1/2" | 57 |
| 2 EUROINOX 40/806 T | 760 | 540 | 500 | 578 | 450 | 830 | 420 | 194 | 2" | 1 1/2" | 58 |



DAB's 2K is a pressurisation unit comprising two K double impeller pumps, two expansion vessels and an EBox panel with display installed as standard.

Units designed for pressurisation in civil and commercial environments and irrigation systems also for agriculture. The 2 K unit is ideal for increasing the pressure of water and for irrigation systems also for agriculture. The EBox Plus panel (with display) can, among other functions, switch operation of the pumps at each start-up and provide dry run protection when combined with a float or pressure switch. Air supply connector included.

The units are provided already assembled, set up and tested directly at the factory, and with the installation and maintenance instructions and test report.

Operating range from 1 to 19 m³/h with head up to 85 m

Pumped liquid Clean, free of solids and abrasive substances, non-viscous, non-aggressive, non-crystallised and chemically neutral

Liquid temperature range from -10 °C to +70 °C

Maximum ambient temperature +40°C

Maximum operating pressure 10 bar / 1000 kPa

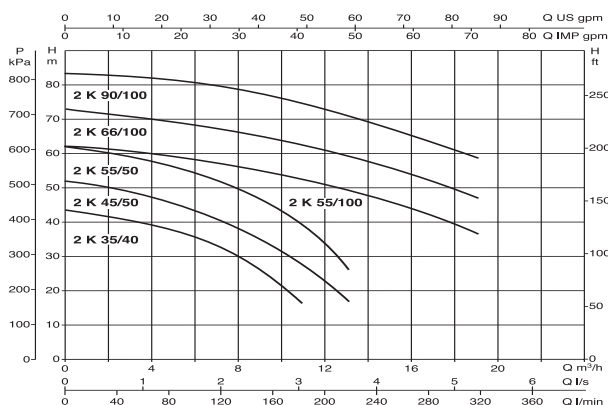
Special executions on request

Yes, different voltages or frequencies on request in the place of the pressure sensor

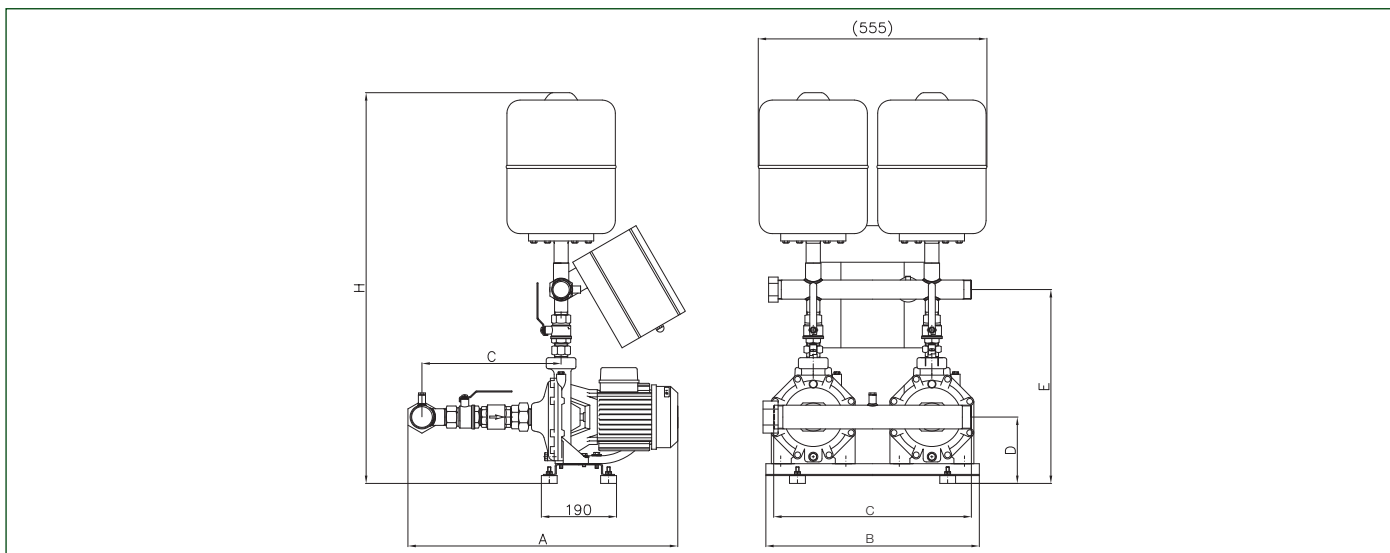
Protection class IP 44 (IP55 at the terminal board)

TECHNICAL DATA

| MODEL | ELECTRICAL DATA | | | | FLOW RATE m ³ /h | MAX PRESSURE OBTAINABLE BAR | PRESSURE SWITCH SETTING IN BAR |
|-------------|-----------------|------------|-------|-----------|--------------------------------|-----------------------------------|---|
| | VOLTAGE 60 Hz | P2 NOMINAL | | In A | | | |
| | | KW | HP | | | | |
| 2K 35/40 M | 1x220-230 V~ | 2x0,75 | 2x1 | 2x5,5-5,7 | 9,0-6,0 | 4,2 | 2,5 |
| 2K 45/50 M | 1x220-230 V~ | 2x1,1 | 2x1,5 | 2x8,7-9,1 | 10,8-6,0 | 5,2 | 3,5 |
| 2K 35/40 T | 3x380-400 V~ | 2x0,75 | 2x1 | 2x2,1 | 9,6-6,0 | 4,2 | 2,5 |
| 2K 45/50 T | 3x380-400 V~ | 2x1,1 | 2x1,5 | 2x3,2 | 10,8-6,0 | 5,2 | 3,5 |
| 2K 55/50 T | 3x380-400 V~ | 2x1,85 | 2x2,5 | 2x3,9 | 12,0-7,0 | 6,2 | 4 |
| 2K 55/100 T | 3x380-400 V~ | 2x2,2 | 2x3 | 2x5,5 | 18,0-10,0 | 6,2 | 4 |
| 2K 66/100 T | 3x380-400 V~ | 2x3 | 2x4 | 2x7 | 18,0-10,0 | 7,3 | 5 |
| 2K 90/100 T | 3x380-400 V~ | 2x4 | 2x5,5 | 2x7,7 | 21,0-14,0 | 8,4 | 6 |



DIMENSIONS AND WEIGHTS - 2 K



| MODEL | A | B | C | D | E | H | H1 | H2 | Ø COLLECTOR | | WEIGHT Kg. |
|--------------|-----|-----|-----|-----|-----|------|-----|-----|-------------|---------|---------------|
| | | | | | | | | | ASPIRATION | IMPULSE | |
| 2 K 35/40 M | 700 | 540 | 500 | 555 | 400 | 910 | 457 | 150 | 2" | 1 1/2" | 69 |
| 2 K 45/40 M | 700 | 540 | 500 | 555 | 400 | 910 | 480 | 205 | 2" | 1 1/2" | 85 |
| 2 K 55/40 M | 700 | 540 | 500 | 555 | 400 | 910 | 480 | 205 | 2" | 1 1/2" | 92 |
| 2 K 35/40 T | 700 | 540 | 500 | 555 | 400 | 910 | 457 | 150 | 2" | 1 1/2" | 73 |
| 2 K 45/40 T | 700 | 540 | 500 | 555 | 400 | 910 | 480 | 205 | 2" | 1 1/2" | 89 |
| 2 K 55/40 T | 700 | 540 | 500 | 555 | 400 | 910 | 480 | 205 | 2" | 1 1/2" | 92 |
| 2 K 55/100 T | 900 | 580 | 500 | 555 | 400 | 1120 | 570 | 220 | 2 1/2" | 2 1/2" | 155 |
| 2 K 66/100 T | 900 | 580 | 500 | 555 | 400 | 1120 | 570 | 220 | 2 1/2" | 2 1/2" | 160 |
| 2 K 90/100 T | 900 | 580 | 500 | 555 | 400 | 1120 | 570 | 220 | 2 1/2" | 2 1/2" | 167 |

1/2/3/4 NKV FIXED SPEED PRESSURISATION UNITS

Booster unit with NKV multi-impeller vertical pumps with coupling; designed for pressurization and heating circulation in commercial building service as standard. In all models, the parts in contact with the liquid are made of AISI 304 stainless steel (AISI 316 stainless steel, X version, only on request). They are particularly versatile, thanks to the center distance between the 2 in-line ports, designed to maximize interchangeability. Starting from 5,5 kW models, the silicon carbide-graphite mechanical seal can be removed without removing the motor. Mechanical seals for aggressive liquids and different connections (round, oval, Victaulic, clamp flanges) available on request. All the models are WRAS and ACS certified for use with drinking water. Rigid coupling to IE3 high energy efficiency electric motors.

Operating range from 0.5 to 280 m³/h

Pumped liquid clean, free of solids and abrasives, non-viscous, non-aggressive, non-crystallised and chemically neutral, with properties similar to water.

Liquid temperature range from 0°C to +120°C (80°C with expansion vessel installed)

Maximum ambient temperature +50°C

Maximum operating pressure

PN16 (up to PN25 on request)

Protection class IP55

(IP55 motors on request)

Three phase power input

IE2:

220-277/380-480 up to 30kW

380-480 D up to 45kW

IE3:

220/380V up to 2,2kW

380/660 V up to 45kW

Special executions on request

voltages and/or frequencies not on the general catalogue, available on request

Version "X", components in contact with the water made in AISI 316 stainless steel

The units comprise 1 x 18-litre expansion vessel for each pump and delivery and suction manifolds in AISI 304 stainless steel



TECHNICAL DATA

| MODEL | MODEL | MODEL | MODEL |
|----------------|----------------|----------------|----------------|
| 1NKV 10/5 S T | 2NKV 10/5 S T | 3NKV 10/5 S T | 4NKV 10/5 S T |
| 1NKV 10/6 S T | 2NKV 10/6 S T | 3NKV 10/6 S T | 4NKV 10/6 S T |
| 1NKV 10/7 S T | 2NKV 10/7 S T | 3NKV 10/7 S T | 4NKV 10/7 S T |
| 1NKV 10/8 S T | 2NKV 10/8 S T | 3NKV 10/8 S T | 4NKV 10/8 S T |
| 1NKV 10/9 S T | 2NKV 10/9 S T | 3NKV 10/9 S T | 4NKV 10/9 S T |
| 1NKV 10/10 S T | 2NKV 10/10 S T | 3NKV 10/10 S T | 4NKV 10/10 S T |
| 1NKV 10/12 S T | 2NKV 10/12 S T | 3NKV 10/12 S T | 4NKV 10/12 S T |
| 1NKV 10/15 S T | 2NKV 10/15 S T | 3NKV 10/15 S T | 4NKV 15/3 S T |
| 1NKV 15/3 S T | 2NKV 15/3 S T | 3NKV 15/3 S T | 4NKV 15/4 S T |
| 1NKV 15/4 S T | 2NKV 15/4 S T | 3NKV 15/4 S T | 4NKV 15/5 S T |
| 1NKV 15/5 S T | 2NKV 15/5 S T | 3NKV 15/5 S T | 4NKV 15/6 S T |
| 1NKV 15/6 S T | 2NKV 15/6 S T | 3NKV 15/6 S T | 4NKV 15/7 S T |
| 1NKV 15/7 S T | 2NKV 15/7 S T | 3NKV 15/7 S T | 4NKV 15/8 S T |
| 1NKV 15/8 S T | 2NKV 15/8 S T | 3NKV 15/8 S T | 4NKV 15/9 S T |
| 1NKV 15/9 S T | 2NKV 15/9 S T | 3NKV 15/9 S T | 4NKV 15/10 S T |
| 1NKV 15/10 S T | 2NKV 15/10 S T | 3NKV 15/10 S T | 4NKV 20/3 S T |
| 1NKV 20/3 S T | 2NKV 20/3 S T | 3NKV 20/3 S T | 4NKV 20/4 S T |
| 1NKV 20/4 S T | 2NKV 20/4 S T | 3NKV 20/4 S T | 4NKV 20/5 S T |
| 1NKV 20/5 S T | 2NKV 20/5 S T | 3NKV 20/5 S T | 4NKV 20/6 S T |
| 1NKV 20/6 S T | 2NKV 20/6 S T | 3NKV 20/6 S T | 4NKV 20/7 S T |

TECHNICAL DATA

| MODEL |
|----------------|
| 1NKV 20/7 S T |
| 1NKV 20/8 S T |
| 1NKV 20/9 S T |
| 1NKV 20/10 S T |
| 1NKV 32/2-2 T |
| 1NKV 32/2 T |
| 1NKV 32/3-2 T |
| 1NKV 32/3 T |
| 1NKV 32/4-2 T |
| 1NKV 32/4 T |
| 1NKV 32/5-2 T |
| 1NKV 32/5 T |
| 1NKV 32/6-2 T |
| 1NKV 32/6 T |
| 1NKV 45/2-2 T |
| 1NKV 45/2 T |
| 1NKV 45/3-2 T |
| 1NKV 45/3 T |
| 1NKV 45/4-2 T |
| 1NKV 45/4 T |
| 1NKV 45/5-2 T |
| 1NKV 45/5 T |
| 1NKV 45/6-2 T |
| 1NKV 45/6 T |

| MODEL |
|----------------|
| 2NKV 20/7 S T |
| 2NKV 20/8 S T |
| 2NKV 20/9 S T |
| 2NKV 20/10 S T |
| 2NKV 32/2-2 T |
| 2NKV 32/2 T |
| 2NKV 32/3-2 T |
| 2NKV 32/3 T |
| 2NKV 32/4-2 T |
| 2NKV 32/4 T |
| 2NKV 32/5-2 T |
| 2NKV 32/5 T |
| 2NKV 32/6-2 T |
| 2NKV 32/6 T |
| 2NKV 45/2-2 T |
| 2NKV 45/2 T |
| 2NKV 45/3-2 T |
| 2NKV 45/3 T |
| 2NKV 45/4-2 T |
| 2NKV 45/4 T |
| 2NKV 45/5-2 T |
| 2NKV 45/5 T |
| 2NKV 45/6-2 T |
| 2NKV 45/6 T |

| MODEL |
|----------------|
| 3NKV 20/7 S T |
| 3NKV 20/8 S T |
| 3NKV 20/9 S T |
| 3NKV 20/10 S T |
| 3NKV 32/2-2 T |
| 3NKV 32/2 T |
| 3NKV 32/3-2 T |
| 3NKV 32/3 T |
| 3NKV 32/4-2 T |
| 3NKV 32/4 T |
| 3NKV 32/5-2 T |
| 3NKV 32/5 T |
| 3NKV 32/6-2 T |
| 3NKV 32/6 T |
| 3NKV 45/2-2 T |
| 3NKV 45/2 T |
| 3NKV 45/3-2 T |
| 3NKV 45/3 T |
| 3NKV 45/4-2 T |
| 3NKV 45/4 T |
| 3NKV 45/5-2 T |
| 3NKV 45/5 T |
| 3NKV 45/6-2 T |
| 3NKV 45/6 T |

| MODEL |
|----------------|
| 4NKV 20/8 S T |
| 4NKV 20/9 S T |
| 4NKV 20/10 S T |
| 4NKV 32/2-2 T |
| 4NKV 32/2 T |
| 4NKV 32/3-2 T |
| 4NKV 32/3 T |
| 4NKV 32/4-2 T |
| 4NKV 32/4 T |
| 4NKV 32/5-2 T |
| 4NKV 32/5 T |
| 4NKV 32/6-2 T |
| 4NKV 32/6 T |
| 4NKV 45/2-2 T |
| 4NKV 45/2 T |
| 4NKV 45/3-2 T |
| 4NKV 45/3 T |
| 4NKV 45/4-2 T |
| 4NKV 45/4 T |
| 4NKV 45/5-2 T |
| 4NKV 45/5 T |
| 4NKV 45/6-2 T |
| 4NKV 45/6 T |

DCCONNECT
 COMMAND AND CONTROL SYSTEMS
 CIRCULATORS AND IN-LINE PUMPS
 MULTISUSAGE CENTRIFUGAL AND SELF-PRIMING PUMPS
 SWIMMING POOL, POND AND SALT WATER PUMPS
 CENTRIFUGAL PUMPS
 SUBMERSIBLE PUMPS
 SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS
 PRESSURE UNITS

1 KDN COMPACT

FIRE-FIGHTING BOOSTER SETS UNI EN12845 WITH ELECTRIC PUMP AND DIESEL PUMP



Diesel and electric motor fire-fighting sets, ideal for automatic sprinkler systems and/or hydrants of commercial buildings. Designed to be coupled with each other, in order to obtain all the versions and meet all the requirements of the EN 12845 and UNI 10779 standards.

The pump is coupled, by means of a spacer elastic coupling, to an electric motor or Diesel engine capable of providing the power absorbed by the pump at any pump load condition, from no-load, to a load corresponding to NPSH16m (as requested by section 10.1 of the UNI EN 12845 standard).

Modular design:

The UNI EN 12845 DAB fire-fighting sets are supplied in modular version. This setup facilitates transport, and the installation of DAB fire-fighting pump sets in pump rooms, even with narrow access doors.

Thanks to a coupling kit (supplied as accessory), it is possible to obtain all the compositions contemplated by the standard (one, two, or three electric or Diesel pumps, with or without jockey pump).

Operating range from 10 to 650 m³/h

Pumped liquid clean, free of solids and abrasives, non-viscous, non-aggressive, non-crystallised and chemically neutral, with properties similar to water.

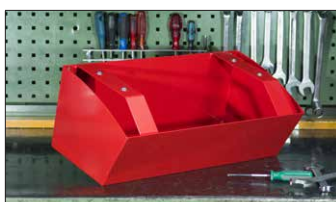
Liquid temperature range from 0 to 70°C

Maximum ambient temperature + 40°C

Maximum operating pressure 16 bar (1600kPa) PN16

Special executions on request diesel version with water/water heat exchanger, 230 three-phase 50 or 60 Hz electric versions, bronze impeller

FEATURES



COLLECTION RESERVOIR

Reservoir for the collection of any fuel leaking out of the diesel tank, included up to 11kW pursuant to standard UNI 11292.



TANK

All the engine-drive pumps have a fuel pump sized to ensure 6 hours of operation, as required for the highest hazard classes pursuant to standard EN12845 - 10.9.6.



CLAPET VALVE

An inspectionable check valve is mounted on the delivery port of each main pump to facilitate maintenance.



FRAME

Compact steel frame painted RAL 3000 red to support the pump, with anti-vibration devices to dampen the vibrations transmitted to the system.



CONTROL PANELS

All the fire-fighting sets have an electric control panel pursuant to EN 12845 /UNI 10779 for each main pump and an electric control panel for the jockey pump, already connected to the main components (motor, pressure switches, sensor, batteries, etc.).



MOTORS

The motors of all the main pumps are sized in accordance with standard EN 12845 - 10.1 to supply the power absorbed by the pump under any load conditions up to an NPSH value of 16 m.c.w.



ALARM REMOTE CONTROL UNIT

Alarm notification and remote control unit suitable for sets with 1 to 3 pumps. The GSM module accessory makes it possible to receive notification text messages in real time on the status of the pumping system.



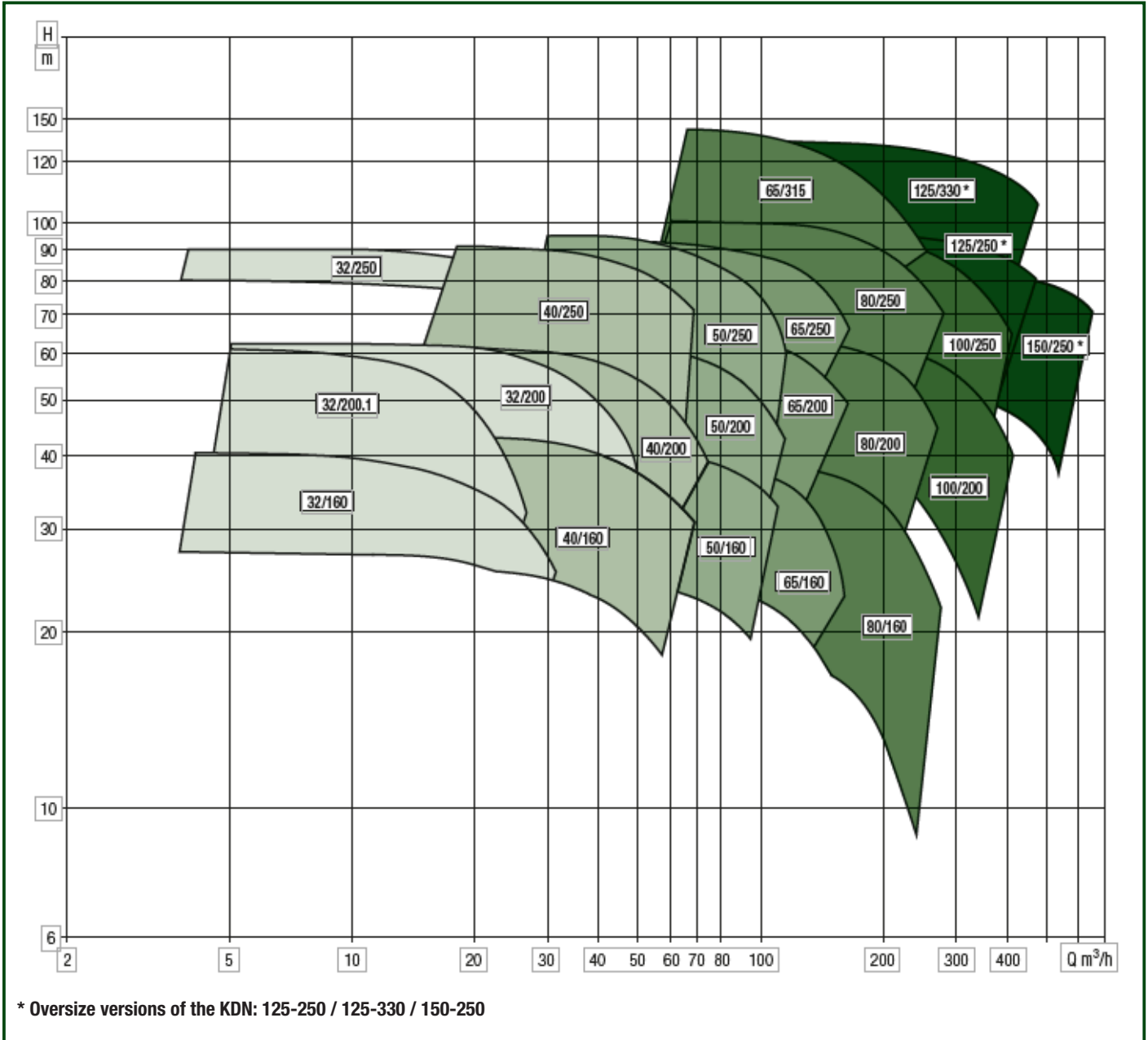
HIGH QUALITY

Fire-fighting sets designed and manufactured with components that guarantee a high standard of quality.

1 KDN COMPACT

FIRE-FIGHTING BOOSTER SETS UNI EN12845 WITH ELECTRIC PUMP AND DIESEL PUMP

PERFORMANCE OF THE 1KDN COMPACT



| RANGE OF OVERSIZE VERSIONS OF THE KDN | RANGE OF STANDARD VERSIONS OF THE KDN |
|---------------------------------------|---------------------------------------|
| FLOW: UP TO 650 m ³ /h | FLOW: UP TO 400 m ³ /h |
| HEAD: UP TO 130 m. | HEAD: UP TO 120 m. |

CERTIFICATES



THE INTERNATIONAL CERTIFICATION NETWORK

CERTIFICATE

CISQ/IMQ has issued an IQNet recognized certificate that the organization:

DWT HOLDING SPA
 VIA MARCO POLO 14 - 35035 MESTRINO (PD)
 BRENDOLA (VI) - CASTELLO DI GODEGO (TV) - BIENTINA (PI) -
 VAL LIONA (VI) - PRC CHINA - HUNGARY

has implemented and maintains a
Quality Management System
 for the following scope:
Design, production, sale and assistance of components and electronic controls for pumps, electropumps and pump sets for cold and hot water for civil, industrial and agricultural use

Further clarifications regarding the applicability of ISO 9001:2015 requirements may be obtained by consulting the organization
 which fulfills the requirements of the following standard:
ISO 9001:2015

Issued on: **2018 - 05 - 21**
 Expires on: **2021 - 05 - 27**

This attestation is directly linked to the IQNet Partner's original certificate and shall not be used as a stand-alone document

Registration Number: IT - 824



Alex Stoichitov
President of IQNET



Ing. Claudio Proveti
President of CISQ

IQNet Partners:
 AENOR Spain AFNOR Certification France APICER Portugal CCC Cyprus CISQ Italy
 CQC China CQM China CQS Czech Republic Cro Cert Croatia DQS Holding GmbH Germany FCAV Brazil
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 SIRIM QAS International Malaysia SGS Switzerland SRAC Romania TEST St Petersburg Russia TSE Turkey YUQS Serbia
 IQNet is represented in the USA by: AFNOR Certification, CISQ, DQS Holding GmbH and NSAI Inc.

* The list of IQNet partners is valid at the time of issue of this certificate. Updated information is available under: www.iqnet-certification.com



www.iqnet.it

ALLEGATO CERTIFICATO n. **9101.COGE**
 ANNEX CERTIFICATE

(*) Unità Operative:
 (*) Operative Units:

DAB PUMPS SPA
 VIA BONANNO PISANO 1 - 56031 BIENTINA (PI)

DAB PUMPS SPA
 VIA DEL LAVORO 3 - 36040 VAL LIONA (VI)

DAB PUMPS QINGDAO CO. LTD
 40 KAITUO ROAD, QINGDAO DEVELOPMENT ZONE - SHANGDONG PROVINCE, PRC CHINA

DAB PUMPS HUNGARY KFT
 BUDA ERNO H - 8800 NAGYKANISZA HUNGARY

| DATE | PRIMA CERTIFICAZIONE FIRST CERTIFICATION | EMISSIONE CORRENTE CURRENT ISSUE | SCADENZA EXPIRY |
|------|---|-------------------------------------|--------------------|
| | 1995-07-17 | 2018-05-21 | 2021-05-27 |

IMQ S.p.A. - VIA QUINTILIANO, 43 - 20138 MILANO ITALY
 Management Systems Division - Flavio Orago



IMQ S.p.A. - VIA QUINTILIANO, 43 - 20138 MILANO ITALY
 Management Systems Division - Flavio Orago



IAF: 18, 19, 29

SGQ N° 005 A

La validità del certificato è subordinata a verifiche annuali e residue complete del sistema di gestione per garantirne l'aderenza.
 The validity of the certificate is conditional upon annual and complete audits of the management system to ensure its compliance with the standard and its requirements.
 La validité du certificat est subordonnée à des audits annuels et résiduels complets du système de gestion pour garantir son adéquation à la norme et ses exigences.

Organismo di Certificazione Federato CISQ
www.iqnet.it

CISQ è la Federazione Italiana di Organismi di Certificazione del sistema di gestione aziendale.
 CISQ is the Italian Federation of management system Certification Bodies.



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CISQ is a member of



www.iqnet-certification.com

IQNet, the association of the world's first class certification bodies, is the largest provider of management system Certification in the world.
 IQNet is composed of more than 30 bodies and counts over 150 subsidiaries all over the globe.

CERTIFICATO N. **9101.COGE**
 CERTIFICATE N. **9101.COGE**

SI CERTIFICA CHE IL SISTEMA QUALITÀ DI
 WE HEREBY CERTIFY THAT THE QUALITY SYSTEM OPERATED BY

DWT HOLDING SPA
 VIA MARCO POLO 14 - 35035 MESTRINO (PD)

UNITÀ OPERATIVE / OPERATIVE UNITS
DAB PUMPS SPA
 VIA MARCO POLO 14 - 35035 MESTRINO (PD)
DAB PUMPS SPA
 VIA EINAUDI 2 - 36040 BRENDOLA (VI)
DAB PUMPS SPA
 VIA E. FERMI 6-8-10 - 31030 CASTELLO DI GODEGO (TV)

Vedere gli Allegati per le altre Unità Operative (n° 1 pagina)
 View the Annexes for the other Operative Units (n° 1 page)

E' CONFORME ALLA NORMA I IS IN COMPLIANCE WITH THE STANDARD
ISO 9001:2015

PER LE SEGUENTI ATTIVITÀ / FOR THE FOLLOWING ACTIVITIES

Progettazione, produzione, commercializzazione e assistenza di componenti e controlli elettronici per pompe, elettropompe e gruppi di pompaggio per acqua fredda e calda ad uso civile, industriale ed agricolo
 Design, production, sale and assistance of components and electronic controls for pumps, electropumps and pump sets for cold and hot water for civil, industrial and agricultural use

IL PRESENTE CERTIFICATO E' SOGGETTO AL RISPETTO DEL
 REGOLAMENTO PER LA CERTIFICAZIONE DEI SISTEMI DI GESTIONE
 THE USE AND THE VALIDITY OF THE CERTIFICATE SHALL SATISFY THE
 REQUIREMENTS OF THE RULES FOR CERTIFICATION OF MANAGEMENT SYSTEMS

| DATE | PRIMA CERTIFICAZIONE FIRST CERTIFICATION | EMISSIONE CORRENTE CURRENT ISSUE | SCADENZA EXPIRY |
|------|---|-------------------------------------|--------------------|
| | 1995-07-17 | 2018-05-21 | 2021-05-27 |

IMQ S.p.A. - VIA QUINTILIANO, 43 - 20138 MILANO ITALY
 Management Systems Division - Flavio Orago



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CISQ è la Federazione Italiana di Organismi di Certificazione del sistema di gestione aziendale.
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DCONNECT
 COMMAND AND CONTROL SYSTEMS
 CIRCULATORS AND IN-LINE PUMPS
 MULTISTAGE CENTRIFUGAL AND SELF-PRIMING PUMPS
 SWIMMING POOL, POND AND SALT WATER PUMPS
 CENTRIFUGAL PUMPS
 SUBMERSIBLE PUMPS
 SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS
 PRESSURE UNITS



On-line product selection

 **DAB PUMPS LTD.**
6 Gilberd Court
Newcomen Way
Severalls Business Park
Colchester
Essex
CO4 9WN - UK
salesuk@dwtgroup.com
Tel. +44 0333 777 5010

 **DAB PUMPS IBERICA S.L.**
Calle Verano 18-20-22
28850 - Torrejón de Ardoz - Madrid
Spain
Info.spain@dwtgroup.com
Tel. +34 91 6569545
Fax: + 34 91 6569676

 **DAB PUMPS SOUTH AFRICA (PTY) LTD**
Twenty One industrial Estate,
16 Purlin Street, Unit B, Warehouse 4
Olifantsfontein -1666 - South Africa
info.sa@dwtgroup.com
Tel. +27 12 361 3997

 **DAB PUMPS BV**
'tHofveld 6 C1
1702 Groot Bijgaarden - Belgium
info.belgium@dwtgroup.com
Tel. +32 2 4668353

 **DAB PUMPS HUNGARY KFT.**
H-8800
Nagykanizsa, Buda Ernő u.5
Hungary
Tel. +36 93501700

 **DAB PUMPS (QINGDAO) CO. LTD.**
No.40 Kaituo Road, Qingdao Economic & Technological
Development Zone
Qingdao City, Shandong Province - China
PC: 266500
sales.cn@dwtgroup.com
Tel. +86 400 186 8280
Fax +86 53286812210

 **DAB PUMPS POLAND Sp. z o.o.**
Ul. Janka Muzykanta 60
02-188 Warszawa - Poland
polska@dabpumps.com.pl

 **DAB PUMPS B.V.**
Albert Einsteinweg, 4
5151 DL Drunen - Nederland
info.netherlands@dwtgroup.com
Tel. +31 416 387280
Fax +31 416 387299

 **OOO DAB PUMPS**
Novgorodskaya str. 1, block G
office 308, 127247, Moscow - Russia
info.russia@dwtgroup.com
Tel. +7 495 122 0035
Fax +7 495 122 0036

 **DAB PUMPS DE MÉXICO, S.A. DE C.V.**
Av Amsterdam 101 Local 4
Col. Hipódromo Condesa,
Del. Cuauhtémoc CP 06170
Ciudad de México
Tel. +52 55 6719 0493

 **DAB PUMPS GMBH**
Am Nordpark 3
D - 41069 Mönchengladbach - Germany
info.germany@dwtgroup.com
Tel. +49 2161 47388-0
Fax +49 2161 47388-36

 **DAB PUMPS INC.**
3226 Benchmark Drive
Ladson, SC 29456 - USA
info.usa@dwtgroup.com
Tel. 1- 843-797-5002
Fax 1-843-797-3366

 **DAB PUMPS OCEANIA PTY LTD**
426 South Gippsland Hwy,
Dandenong South VIC 3175 - Australia
info.oceania@dwtgroup.com
Tel. +61 1300 373 677