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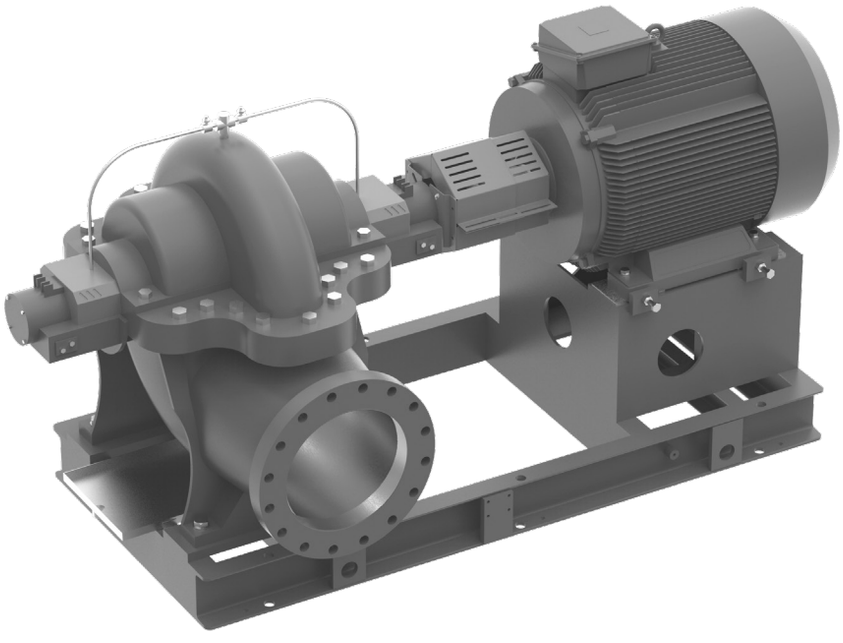
Let's Solve Water

**50 Hz**



# e-XC Series

DOUBLE SUCTION CENTRIFUGAL PUMPS

DESIGNED IN COMPLIANCE WITH ISO 5199 STANDARD

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Cod. 191003621 Rev. B Ed.03/2024

## Xylect

Xylect is a pump selection software with an extensive online database of product information across the entire range of pumps and related products, with multiple search options and helpful project management facilities. The system holds up-to-date product information on thousands of products and accessories.

Xylect is available:

On the website – www.xylect.com

For more information, please, see page 158-159.

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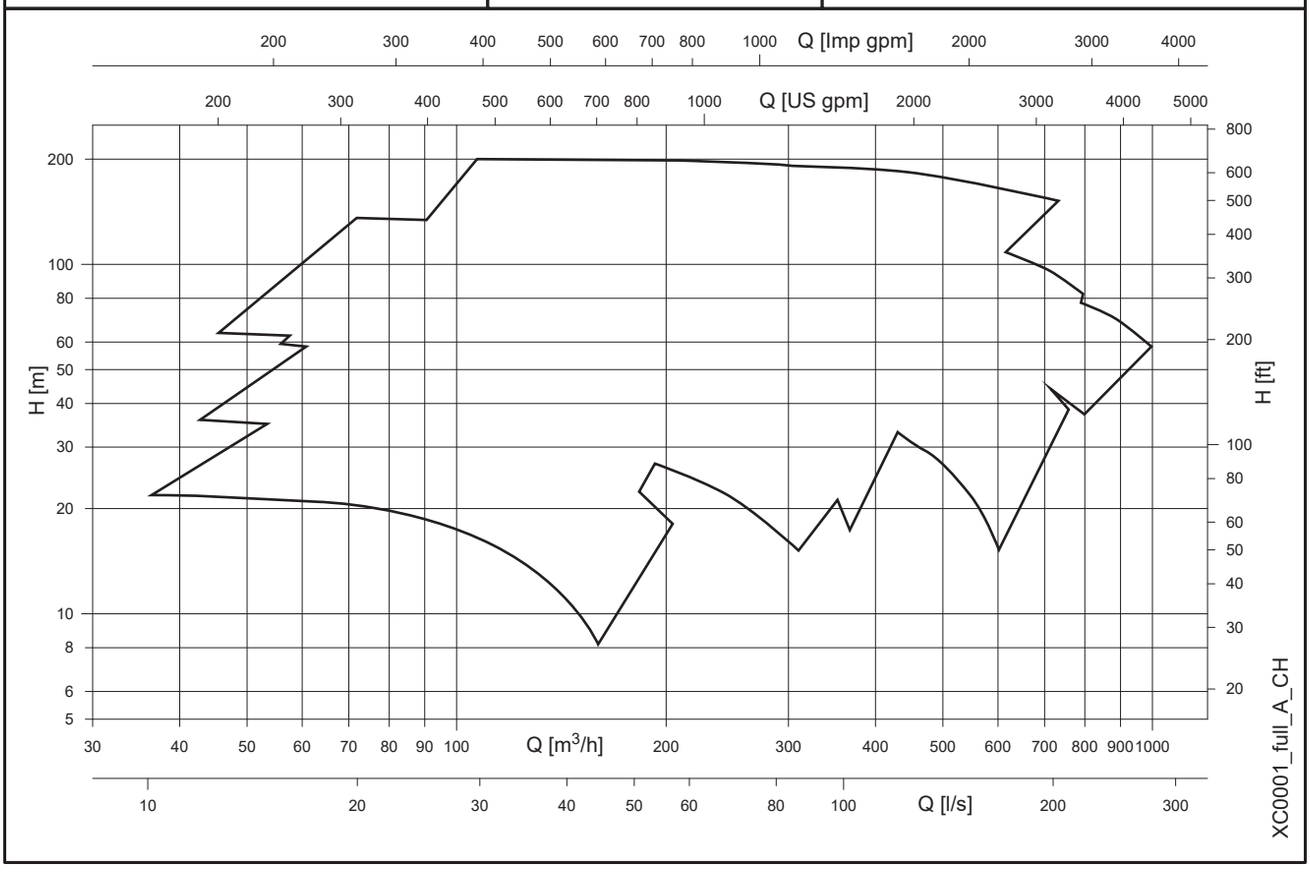
## e-XC SERIES
## HYDRAULIC PERFORMANCE RANGE AT 50 Hz, 2 POLES

| e-XC | ~ 3000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|



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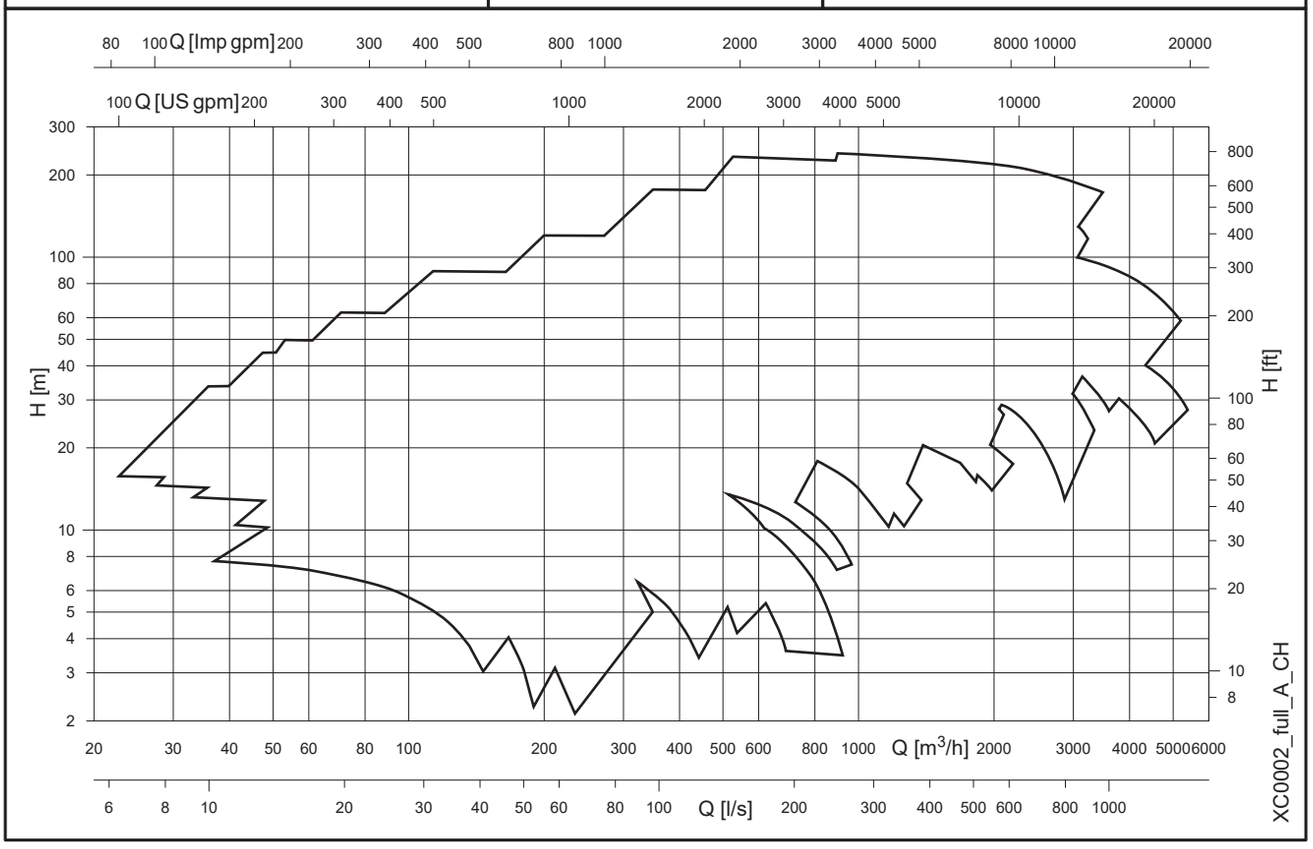
## e-XC SERIES
## HYDRAULIC PERFORMANCE RANGE AT 50 Hz, 4 POLES

| e-XC | ~ 1500 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|



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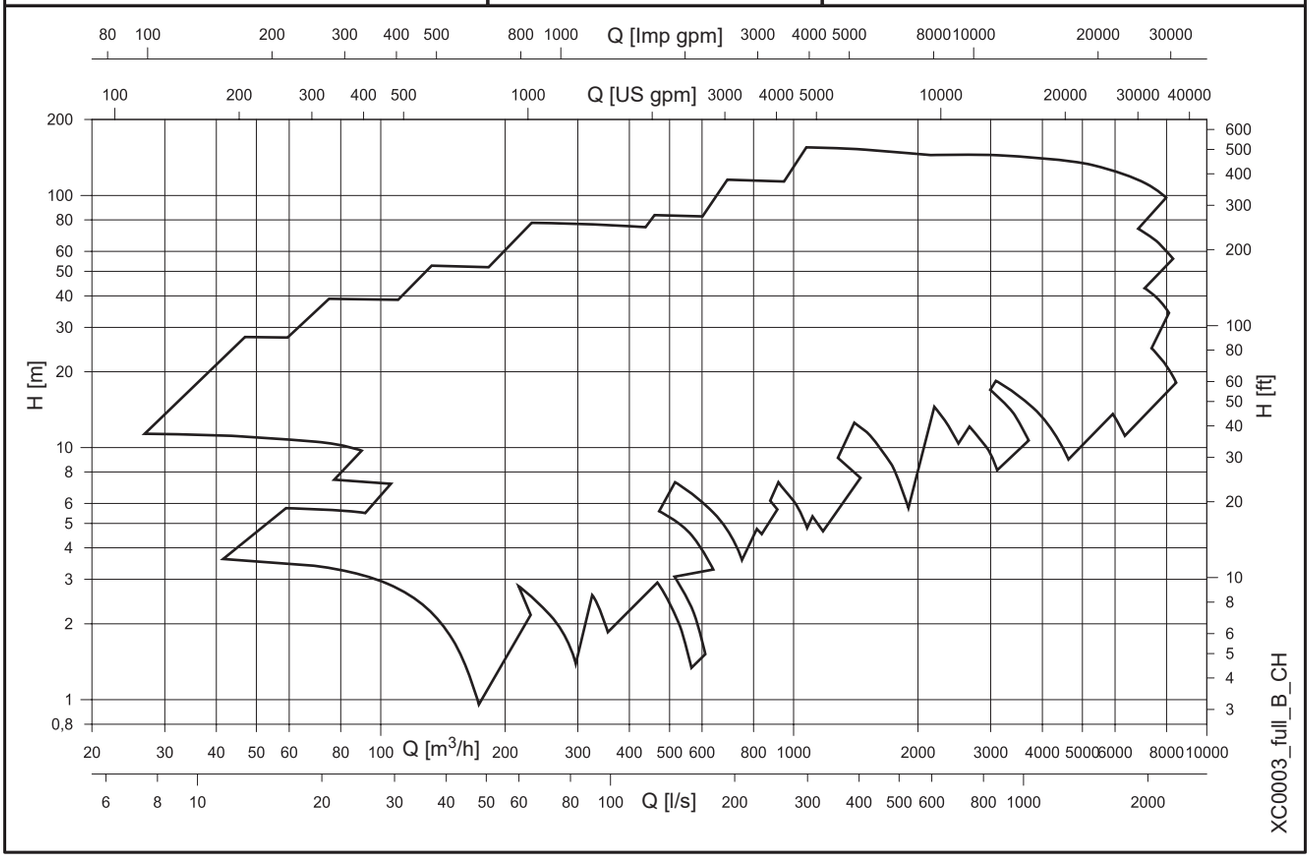
## e-XC SERIES
## HYDRAULIC PERFORMANCE RANGE AT 50 Hz, 6 POLES

| e-XC | ~ 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|



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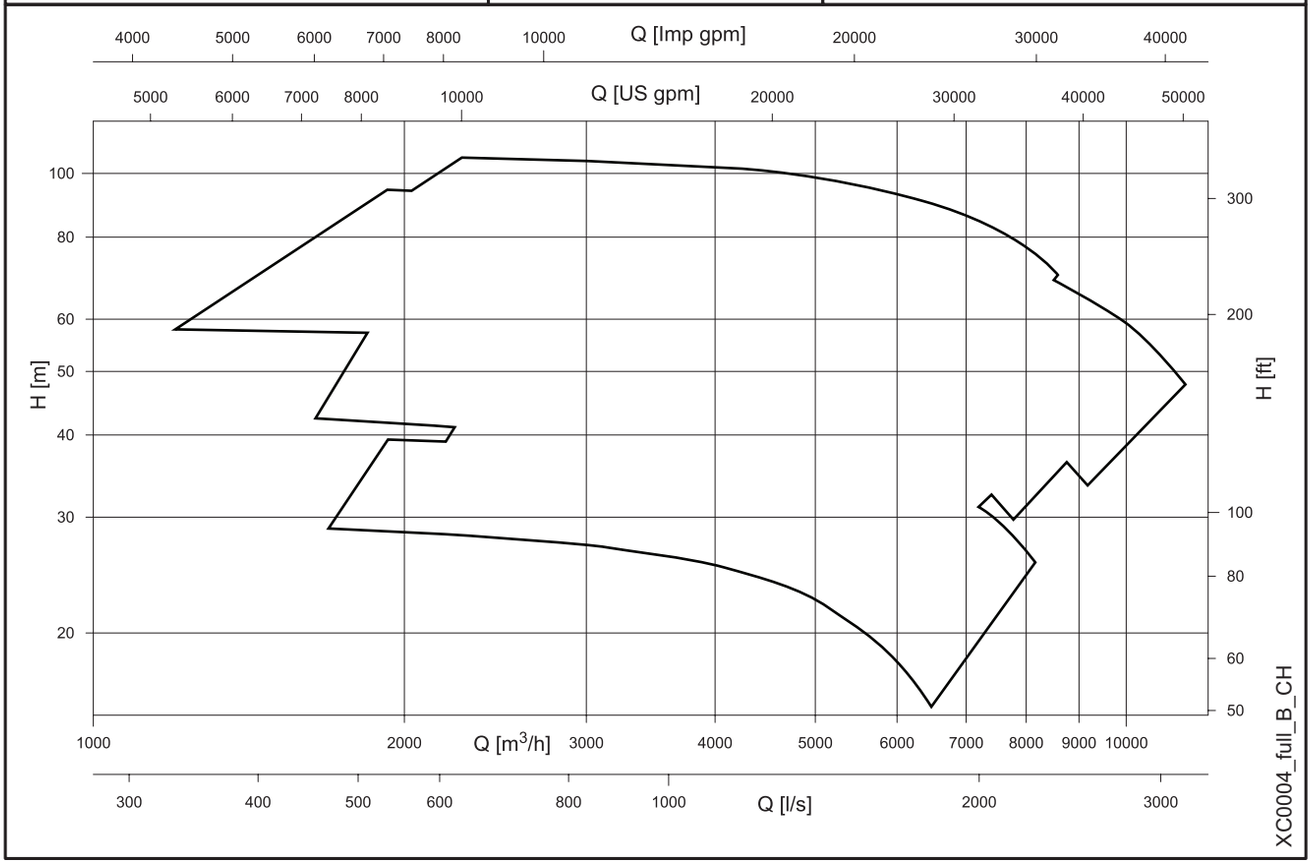
## e-XC SERIES
## HYDRAULIC PERFORMANCE RANGE AT 50 Hz, 8 POLES

| e-XC | ~ 750 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|



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# e-XC SERIES
# GENERAL INTRODUCTION

The new e-XC is a configurable single-stage horizontal split-case pump with extensive flow and head coverage and a common in-line configuration for easier installation of new and retrofit pumping systems.

## Pump design

The **new e-XC** is a **single-stage horizontal double suction split-case pump** designed with common in-line nozzle configuration built to comply with ISO 5199 Standard. Maximum casing pressure depends on size and material, and can be PN16, PN25 or PN31.
Optimized hydraulics guarantees high efficiency and wide hydraulic coverage. e-XC pumps are available in a **wide range of materials** from Cast Iron to Super Duplex Stainless Steel which allows you to perfectly configure it for any system requirements.
The pumps are **standard** wise equipped with **unbalanced mechanical seal**, but can be provided with many different **seal options** from packing to **balanced mechanical** and **cartridge seals.**

A wide range of options and accessories is available to make a custom-built pump that suits any kind of need.
The e-XC series pumps are available in the following **constructions**:

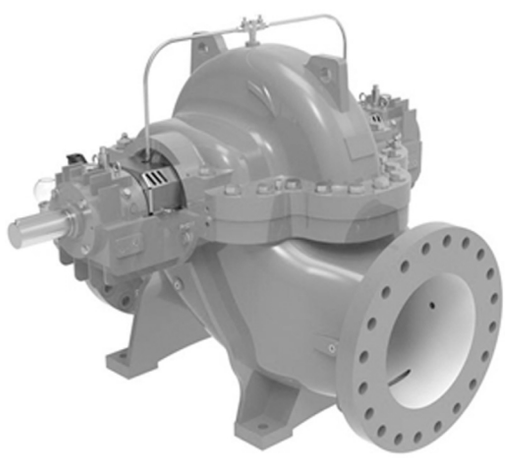
- **Pump with Basement, Coupling and Motor (PBCM)**, that is a frame mounted pump, where the hydraulic part is coupled to an electric motor using a flexible coupling (a standard three-part non spacer or an optional spacer).
- **Pump with Basement and Coupling, but without motor (PBC)**. In this case the pump can be coupled to an electric motor by the customer.
- **Pump End Only (PEO)** or bare shaft pump.

## Motor specifications

Squirrel cage in short circuit enclosed construction with external ventilation (TEFC).

- 2-pole, 4-pole, 6-pole or 8-pole ranges
- IP55 protection degree as motor (EN 60034-5)
- Performances according to EN 60034-1.
- IE3 efficiency level for power 0,75 kW $\leq$ P $\leq$55 kW and power $>$ 200 kW and IE4 efficiency level for power 75 kW $\leq$ P $\leq$ 200 kW as standard according to EN 60034-30:2009 and EN 60034- 30-1:2014.
- Insulation class F (155° C)
- Standard voltage: 3 x 380-415/660-690 V 50Hz
- PTC as standard offering

Note: clockwise rotation when facing on pump shaft



## Hydraulic specifications

- Maximum delivery:
  - up to **11.400** $m^3/h$
- Maximum head:
  - up to **220** m
- Hydraulic performance compliant with ISO 9906:2012 (Grade 2B) and ANSI/HI 14.6
- Fluid temperature range: **-20 to 120°C**
- Maximum operating pressure:
  - Cast Iron, Stainless Steel: 16 bar
  - Ductile Iron, Duplex, Superduplex: 25 bar (few casings are restricted to 16 bar).

## Seal Configurations

- Unbalanced rubber mechanical seal on shaft sleeve (std execution)
- Balanced metal pusher mechanical seal on shaft
- Cartridge seal single or double on shaft sleeve
- Optional all mechanical seal versions are available on wet shaft
- Packing on shaft sleeve

## Flanges

- **Flanges are drilled according to EN 1092/ ISO7005**, PN16, PN25 or PN40.
- Optional flanges ASME/ANSI B16.1 Class 125 and Class 250, or ASME/ANSI B16.5 Class 150 and Class 300 or AWWA Class D, Class F
- Pump does not include counter-flanges.
- Standard execution for all flanges is Flat Face.

## Pump Selection

Using Xylem's Xylect selection software for pump selection will save you time due to its easy to use platform and selection flexibility. With ability to be designed and configured in a multitude of ways, the Xylem e-XC single stage, double suction centrifugal pump is available in a variety of sizes, models and materials which allow you to perfectly configure it for your system requirements.

# e-XC SERIES for INDUSTRY
# APPLICATIONS & BENEFITS

## Applications

The **e-XC split case pumps** provide a powerful and efficient solution for a wide range of industries including oil & gas, power generation, water utilities, general industry, leisure and mining. It is a configurable single-stage horizontal split-case pump with extensive flow and head coverage and a common in-line configuration for easier installation of new and retrofit pumping systems.

The e-XC series can be used in the following applications:

- Water intake
- Water transfer & circulation
- Water treatment
- Pressure boosting
- Process cooling and heating
- Industrial building cooling and heating
- Industrial fluid transfer & transport
- Produced water transfer & boosting
- Boiler feed booster
- Water park applications

Pumped fluids include:

- Groundwater
- Potable water
- Process water
- Gray/used water
- Seawater, brackish water
- Industrial fluids
- Heat transfer fluids
- Produced water
- Solvents/oil

## Benefits

The e-XC pump permits to achieve the following benefits:

• **RELIABILITY**: This is a built to perform pump, designed for demanding industrial and municipal application. The robust construction and operation, the choice of materials and the high quality production guarantee a continuous operation without faults and a shorter down time. Features like impeller and casing wear rings, durable dry shaft in stainless steel ASTM 420 and heavy duty bearing brackets have been selected to grant pump robustness and durability.

• **VERSATILITY**: A full range of model sizes matches all needed duty point. A wide range of materials and shaft seals options allow to handle different type of liquids at different conditions. The pump can be suitable for a wide range of applications in public utilities and industrial market.

• **SIMPLICITY:** The modular design optimizes spare parts management and reduces lead time.

• **EFFICIENCY**: The new hydraulics with stainless steel impeller significantly reduce life cycle cost and boost pump performances. With 142 different size options, and hydraulics optimised by computational fluid dynamics calculations, the e-XC range allows you to select the most efficient pump for any duty point up to more than 11.000 $m^3/h$.

• **OPTIMIZATION:** Thanks to the optional Xylem *optimyze*, pumps health can be always under control. Data collected in x-Cloud allow predicting maintenance, generating reports and sharing data with other users. Info on vibration, temperature and magnetic flux can be always visualized on a smart device via a dedicated APP. Optional temperature and vibration sensors on the bearing bracket can make real time measurement available to help predict maintenance needs.

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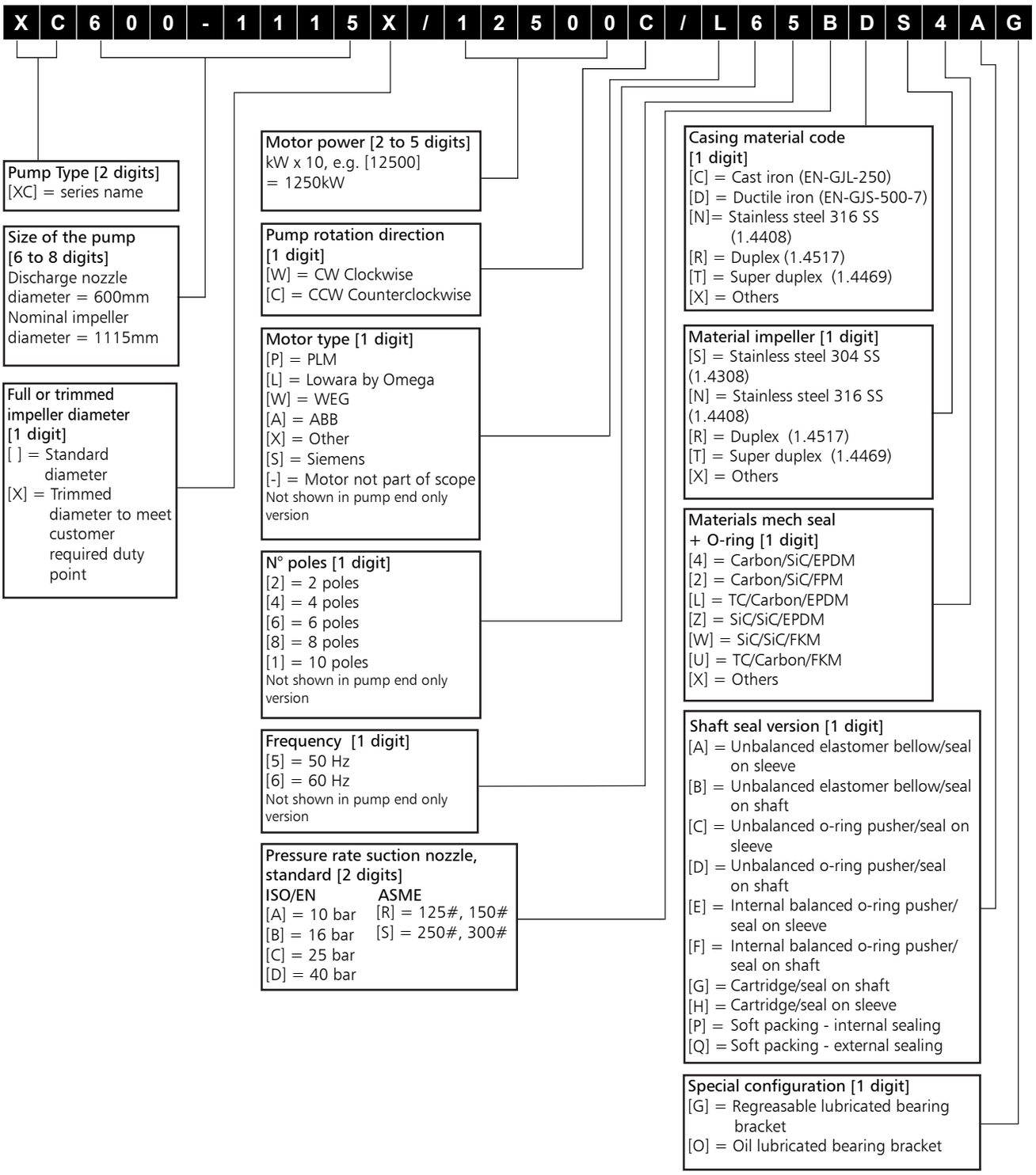
# e-XC SERIES
# IDENTIFICATION CODE

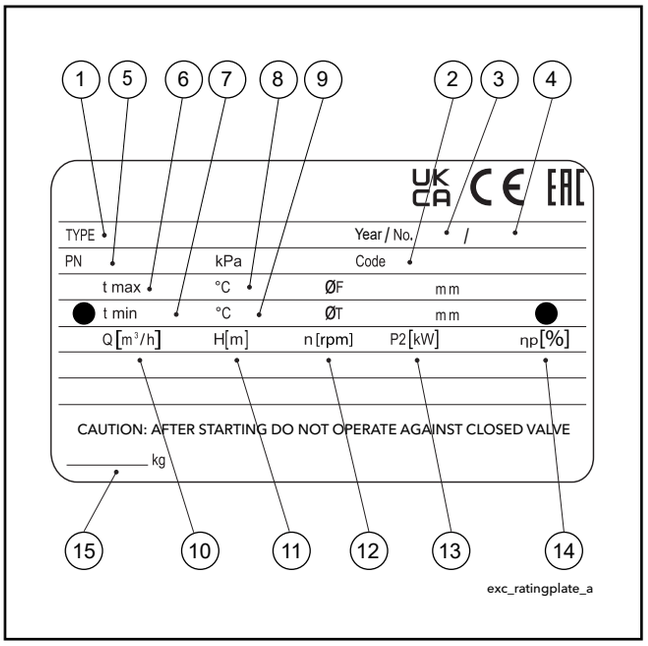



**EXAMPLES**

**XC600-540/4000W/-65BNN4FO - Pump mounted on frame, with coupling, motor not part of scope**
XC split case pump with base frame and std coupling, discharge size DN600, nominal impeller diameter 540 mm, 400 kW motor, clock wise rotation, motor not part of scope, 6-pole, 50Hz, 16 bar flanges, Stainless Steel 316ss casing, Stainless steel 316ss impeller, Carbon/SiC/EPDM internal balanced o-ring pusher, seal on shaft, oil lubricated bearing bracket.

**XC250-390/W/RCSXPG - Pump end only**
XC bare shaft split case pump, discharge size DN250, nominal impeller diameter 390 mm, clock wise rotation, ASME 125lbs flanges, Cast Iron casing, Stainless steel 304ss impeller, soft packing internal sealing, grease lubricated bearing bracket.

## e-XC SERIES
## RATING PLATE




## LEGEND

1 - Electric pump unit / Pump type
2 - Electric pump unit code / Pump code
3 - Year of production
4 - Serial number, or order number + order position number
5 - Maximum operating pressure
6 - Maximum operating liquid temperature
7 - Minimum operating liquid temperature
8 - Full impeller diameter (only filled in for trimmed impellers)
9 - Trimmed impeller diameter (only filled in for trimmed impellers)
10 - Flow
11 - Head
12 - Speed
13 - Nominal or maximum pump power
14 - Hydraulic efficiency in best efficiency point (50 Hz)
15 - Weight

Note: for electric pump unit refer to motor data plate for electrical data.

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# e-XC SERIES
# LIST OF MODELS AT 50 Hz

| e-XC Pump Model | | 2-Pole | 4-Pole | 6-Pole | 8-Pole |
|---|---|---|---|---|---|
| 80-215 | 80-205 | • | • | | |
| 80-285 | 80-270 | • | • | | |
| 80-315 | 80-300 | • | • | | |
| 80-345 | 80-330 | | • | | |
| 100-165 | 100-155 | • | | | |
| 100-260 | 100-250 | • | • | | |
| 100-325 | 100-310 | • | • | | |
| 100-365 | 100-350 | • | • | | |
| 100-410 | 100-390 | | • | • | |
| 125-195 | 125-185 | • | | | |
| 125-225 | 125-215 | | • | | |
| 125-245 | 125-235 | • | • | | |
| 125-300 | 125-285 | • | • | | |
| 125-355 | 125-335 | • | | | |
| 125-390 | 125-370 | | • | • | |
| 125-475 | 125-450 | | • | • | |
| 150-170 | 150-160 | | • | | |
| 150-300 | 150-285 | | • | • | |
| 150-355 | 150-340 | | • | • | |
| 150-455 | 150-435 | | • | • | |
| 150-560 | 150-535 | | • | • | |
| 150-280 | 150-265 | • | | | |
| 200-200 | 200-190 | | • | • | |
| 200-250 | 200-235 | | • | • | |
| 200-345 | 200-330 | | • | • | |
| 200-425 | 200-405 | | • | • | |
| 200-530 | 200-505 | | • | • | |
| 200-655 | 200-625 | | • | • | |
| 250-200 | 250-190 | | • | • | |
| 250-390 | 250-370 | | • | • | |
| 250-480 | 250-455 | | • | • | |
| 250-610 | 250-580 | | • | • | |
| 250-770 | 250-730 | | • | • | |
| 300-225 | 300-215 | | • | • | |
| 300-255 | 300-245 | | • | • | |
| 300-330 | 300-315 | | • | • | |

| e-XC Pump Model | | 2-Pole | 4-Pole | 6-Pole | 8-Pole |
|---|---|---|---|---|---|
| 300-450 | 300-430 | | • | • | |
| 300-550 | 300-525 | | • | • | |
| 300-705 | 300-680 | | • | • | |
| 350-300 | 350-285 | | • | • | |
| 350-385 | 350-365 | | • | • | |
| 350-690 | 350-655 | | • | • | |
| 350-780 | 350-745 | | • | | |
| 350-450 | 350-430 | | • | • | |
| 350-530 | 350-505 | | • | • | |
| 350-685 | 350-650 | | | • | |
| 350-845 | 350-805 | | | • | |
| 400-340 | 400-325 | | • | • | |
| 400-525 | 400-500 | | | • | |
| 400-535 | 400-510 | | | • | |
| 400-580 | 400-550 | | • | • | |
| 400-800 | 400-760 | | | • | |
| 400-970 | 400-925 | | | • | |
| 450-390 | 450-370 | | • | • | |
| 500-450 | 500-430 | | • | • | |
| 500-525 | 500-500 | | | • | |
| 500-625 | 500-605 | | | • | |
| 500-715 | 500-690 | | | • | |
| 500-920 | 500-875 | | | • | |
| 600-575 | 600-540 | | | • | |
| 600-610 | 600-580 | | | • | |
| 600-810 | 600-770 | | | • | |
| 600-1000 | 600-950 | | | • | |
| 600-1115 | 600-1060 | | | | • |
| 700-535 | 700-505 | | | • | |
| 700-615 | 700-585 | | | • | |
| 700-670 | 700-635 | | | • | |
| 700-775 | 700-735 | | | | • |
| 700-870 | 700-830 | | | | • |
| 700-995 | 700-945 | | | | • |
| 800-590 | 800-560 | | | • | |

xc_50Hz-en_b_mo

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# e-XC SERIES
# GENERAL TECHNICAL MECHANICAL DATA

| SIZE | DNs | DNd | FRAME SIZE | IMPELLER | | | | | SHAFT DIAMETER [mm] | | | SEAL DIAMETER [mm] | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Diameter [mm] | | Outlet Width [mm] | Suction Eye [mm] | No. Of Vanes | Max. Ball Passage [mm] | at Impeller | at Bearing | at Coupling | Mechanical Seal<br>Unbalanced & Internal balanced & Cartridge | | Stuffing Box | | |
| | | | | MAX | MIN | | | | | | | | seal on shaft | seal on sleeve | Inner Ø | Outer Ø | Packing Dimension |
| 80-215 | 125 | 80 | 35 | 220 | 158 | 24,8 | 110 | 6 | 9 | 45 | 35 | 35 | 40 | 60 | 60 | 92 | 16x16 |
| 80-205 | 125 | 80 | 35 | 210 | 156 | 23,5 | 104,5 | 6 | 8,5 | 45 | 35 | 35 | 40 | 60 | 60 | 92 | 16x16 |
| 80-285 | 125 | 80 | 35 | 285 | 158 | 20,4 | 118 | 6 | 9,5 | 45 | 35 | 35 | 40 | 60 | 60 | 92 | 16x16 |
| 80-270 | 125 | 80 | 35 | 270 | 158 | 19,5 | 112,2 | 6 | 9 | 45 | 35 | 35 | 40 | 60 | 60 | 92 | 16x16 |
| 80-315 | 125 | 80 | 35 | 310 | 130 | 17,8 | 111,2 | 6 | 9,5 | 45 | 35 | 35 | 40 | 60 | 60 | 92 | 16x16 |
| 80-300 | 125 | 80 | 35 | 295 | 126 | 16,9 | 107,4 | 6 | 9 | 45 | 35 | 35 | 40 | 60 | 60 | 92 | 16x16 |
| 80-345 | 125 | 80 | 35 | 350 | 162 | 21,9 | 128,5 | 5 | 12 | 45 | 35 | 35 | 40 | 60 | 60 | 92 | 16x16 |
| 80-330 | 125 | 80 | 35 | 335 | 160 | 20,7 | 122,1 | 5 | 11,5 | 45 | 35 | 35 | 40 | 60 | 60 | 92 | 16x16 |
| 100-165 | 125 | 100 | 35 | 165 | 128 | 29,6 | 105 | 5 | 8,5 | 45 | 35 | 35 | 40 | 60 | 60 | 92 | 16x16 |
| 100-155 | 125 | 100 | 35 | 155 | 125 | 28,3 | 99,8 | 5 | 8 | 45 | 35 | 35 | 40 | 60 | 60 | 92 | 16x16 |
| 100-260 | 150 | 100 | 35 | 265 | 180 | 29 | 130 | 6 | 10,5 | 45 | 35 | 35 | 40 | 60 | 60 | 92 | 16x16 |
| 100-250 | 150 | 100 | 35 | 255 | 175 | 27,2 | 123,5 | 6 | 10 | 45 | 35 | 35 | 40 | 60 | 60 | 92 | 16x16 |
| 100-325 | 150 | 100 | 45 | 330 | 178 | 23,2 | 137 | 6 | 10,5 | 55 | 45 | 45 | 50 | 70 | 70 | 102 | 16x16 |
| 100-310 | 150 | 100 | 45 | 315 | 175 | 21,9 | 130,2 | 6 | 10 | 55 | 45 | 45 | 50 | 70 | 70 | 102 | 16x16 |
| 100-365 | 150 | 100 | 45 | 375 | 155 | 21,2 | 136,8 | 6 | 10,5 | 55 | 45 | 45 | 50 | 70 | 70 | 102 | 16x16 |
| 100-350 | 150 | 100 | 45 | 355 | 151 | 20,2 | 130 | 6 | 10,5 | 55 | 45 | 45 | 50 | 70 | 70 | 102 | 16x16 |
| 100-410 | 150 | 100 | 35 | 410 | 176 | 26,1 | 137,4 | 5 | 14 | 45 | 35 | 35 | 40 | 60 | 60 | 92 | 16x16 |
| 100-390 | 150 | 100 | 35 | 390 | 172 | 24,8 | 130,6 | 5 | 13,5 | 45 | 35 | 35 | 40 | 60 | 60 | 92 | 16x16 |
| 125-195 | 150 | 125 | 35 | 195 | 155 | 38,8 | 122 | 6 | 11,5 | 45 | 35 | 35 | 40 | 60 | 60 | 92 | 16x16 |
| 125-185 | 150 | 125 | 35 | 185 | 150 | 36,9 | 116 | 6 | 10,5 | 45 | 35 | 35 | 40 | 60 | 60 | 92 | 16x16 |
| 125-225 | 150 | 125 | 35 | 220 | 178 | 37,6 | 138,1 | 6 | 13 | 45 | 35 | 35 | 40 | 60 | 60 | 92 | 16x16 |
| 125-215 | 150 | 125 | 35 | 210 | 176 | 35,6 | 131,2 | 6 | 12,5 | 45 | 35 | 35 | 40 | 60 | 60 | 92 | 16x16 |
| 125-245 | 200 | 125 | 45 | 250 | 193 | 43,2 | 157,7 | 6 | 16 | 55 | 45 | 45 | 50 | 70 | 70 | 102 | 16x16 |
| 125-235 | 200 | 125 | 45 | 240 | 193 | 40,6 | 149,8 | 6 | 14,5 | 55 | 45 | 45 | 50 | 70 | 70 | 102 | 16x16 |
| 125-300 | 200 | 125 | 45 | 310 | 193 | 37 | 158,9 | 6 | 16 | 55 | 45 | 45 | 50 | 70 | 70 | 102 | 16x16 |
| 125-285 | 200 | 125 | 45 | 295 | 189 | 35,1 | 150,9 | 6 | 15 | 55 | 45 | 45 | 50 | 70 | 70 | 102 | 16x16 |
| 125-355 | 200 | 125 | 55 | 355 | 184 | 28,1 | 177 | 6 | 18 | 65 | 55 | 55 | 60 | 80 | 80 | 120 | 20x20 |
| 125-335 | 200 | 125 | 55 | 340 | 184 | 25,4 | 171 | 6 | 17 | 65 | 55 | 55 | 60 | 80 | 80 | 120 | 20x20 |
| 125-390 | 200 | 125 | 45 | 395 | 201 | 33,4 | 160,8 | 6 | 16 | 55 | 45 | 45 | 50 | 70 | 70 | 102 | 16x16 |
| 125-370 | 200 | 125 | 45 | 375 | 196 | 31,7 | 152,8 | 6 | 15 | 55 | 45 | 45 | 50 | 70 | 70 | 102 | 16x16 |
| 125-475 | 200 | 125 | 45 | 480 | 196 | 28 | 157,6 | 6 | 16 | 55 | 45 | 45 | 50 | 70 | 70 | 102 | 16x16 |
| 125-450 | 200 | 125 | 45 | 455 | 192 | 26,6 | 155,5 | 6 | 15,5 | 55 | 45 | 45 | 50 | 70 | 70 | 102 | 16x16 |
| 150-170 | 200 | 150 | 35 | 182 | 165 | 43,6 | 126 | 6 | 12 | 45 | 35 | 35 | 40 | 60 | 60 | 92 | 16x16 |
| 150-160 | 200 | 150 | 35 | 173 | 157 | 41,4 | 121 | 6 | 11,5 | 45 | 35 | 35 | 40 | 60 | 60 | 92 | 16x16 |
| 150-280 | 250 | 150 | 55 | 285 | 233 | 49,2 | 189,8 | 6 | 16 | 65 | 55 | 55 | 60 | 80 | 80 | 120 | 20x20 |
| 150-265 | 250 | 150 | 55 | 270 | 228 | 46,9 | 180,3 | 6 | 15,5 | 65 | 55 | 55 | 60 | 80 | 80 | 120 | 20x20 |

C.F. = please Consult Factory

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# e-XC SERIES
# GENERAL TECHNICAL MECHANICAL DATA

| SIZE | DNs | DNd | FRAME SIZE | IMPELLER | | | | | | SHAFT DIAMETER [mm] | | | SEAL DIAMETER [mm] | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Diameter [mm] | | Outlet Width [mm] | Suction Eye [mm] | No. Of Vanes | Max. Ball Passage [mm] | at Impeller | at Bearing | at Coupling | Mechanical Seal | | | | |
| | | | | | | | | | | | | | Unbalanced & Internal balanced & Cartridge | | Stuffing Box | | |
| | | | | MAX | MIN | | | | | | | | seal on shaft | seal on sleeve | Inner Ø | Outer Ø | Packing Dimension |
| 150-300 | 200 | 150 | 45 | 305 | 228 | 52,1 | 191,4 | 6 | 19 | 55 | 45 | 45 | 50 | 70 | 70 | 102 | 16x16 |
| 150-285 | 200 | 150 | 45 | 290 | 223 | 49,4 | 181,8 | 6 | 18 | 55 | 45 | 45 | 50 | 70 | 70 | 102 | 16x16 |
| 150-355 | 200 | 150 | 45 | 370 | 228 | 44,1 | 189,5 | 6 | 18,5 | 55 | 45 | 45 | 50 | 70 | 70 | 102 | 16x16 |
| 150-340 | 200 | 150 | 45 | 350 | 224 | 42 | 180 | 6 | 18 | 55 | 45 | 45 | 50 | 70 | 70 | 102 | 16x16 |
| 150-455 | 200 | 150 | 55 | 455 | 238 | 38,8 | 195,5 | 6 | 18 | 65 | 55 | 55 | 60 | 80 | 80 | 120 | 20x20 |
| 150-435 | 200 | 150 | 55 | 435 | 234 | 36,7 | 188,9 | 6 | 17 | 65 | 55 | 55 | 60 | 80 | 80 | 120 | 20x20 |
| 150-560 | 200 | 150 | 65 | 565 | 241 | 32,8 | 198,4 | 6 | 18,5 | 75 | 65 | 65 | 70 | 90 | 90 | 130 | 20x20 |
| 150-535 | 200 | 150 | 65 | 540 | 237 | 31 | 188,5 | 6 | 17,5 | 75 | 65 | 65 | 70 | 90 | 90 | 130 | 20x20 |
| 200-200 | 200 | 200 | 35 | 205 | 166 | 58,2 | 144,6 | 6 | 17,5 | 45 | 35 | 35 | 40 | 60 | 60 | 92 | 16x16 |
| 200-190 | 200 | 200 | 35 | 165 | 160 | 55,2 | 137,3 | 6 | 16 | 45 | 35 | 35 | 40 | 60 | 60 | 92 | 16x16 |
| 200-250 | 250 | 200 | 45 | 255 | 208 | 70,4 | 176,1 | 6 | 20 | 55 | 45 | 45 | 50 | 70 | 70 | 102 | 16x16 |
| 200-235 | 250 | 200 | 45 | 240 | 198 | 67,1 | 167,3 | 6 | 19 | 55 | 45 | 45 | 50 | 70 | 70 | 102 | 16x16 |
| 200-345 | 250 | 200 | 55 | 350 | 263 | 60,5 | 220,9 | 6 | 21,5 | 65 | 55 | 55 | 60 | 80 | 80 | 120 | 20x20 |
| 200-330 | 250 | 200 | 55 | 335 | 256 | 57 | 209,9 | 6 | 20,5 | 65 | 55 | 55 | 60 | 80 | 80 | 120 | 20x20 |
| 200-425 | 250 | 200 | 55 | 430 | 273 | 52,7 | 224,9 | 6 | 21,5 | 65 | 55 | 55 | 60 | 80 | 80 | 120 | 20x20 |
| 200-405 | 250 | 200 | 55 | 410 | 266 | 49,9 | 212,3 | 6 | 20,5 | 65 | 55 | 55 | 60 | 80 | 80 | 120 | 20x20 |
| 200-530 | 250 | 200 | 65 | 535 | 273 | 45,1 | 228,1 | 6 | 21 | 75 | 65 | 65 | 70 | 90 | 90 | 130 | 20x20 |
| 200-505 | 250 | 200 | 65 | 510 | 266 | 42,7 | 216,7 | 6 | 20 | 75 | 65 | 65 | 70 | 90 | 90 | 130 | 20x20 |
| 200-655 | 250 | 200 | 75 | 655 | 283 | 38,8 | 235 | 6 | 21 | 85 | 75 | 75 | 80 | 100 | 100 | 140 | 20x20 |
| 200-625 | 250 | 200 | 75 | 625 | 277 | 36,7 | 223,3 | 6 | 20 | 85 | 75 | 75 | 80 | 100 | 100 | 140 | 20x20 |
| 250-200 | 250 | 250 | 35 | 205 | 195 | 84,5 | 165,2 | 6 | 20 | 45 | 35 | 35 | 40 | 60 | 60 | 92 | 16x16 |
| 250-190 | 250 | 250 | 35 | 195 | 185 | 80,1 | 157 | 6 | 19 | 45 | 35 | 35 | 40 | 60 | 60 | 92 | 16x16 |
| 250-390 | 300 | 250 | 65 | 390 | 303 | 69,7 | 250,2 | 6 | 24,5 | 75 | 65 | 65 | 70 | 90 | 90 | 130 | 20x20 |
| 250-370 | 300 | 250 | 65 | 370 | 297 | 66,4 | 237,7 | 6 | 23,5 | 75 | 65 | 65 | 70 | 90 | 90 | 130 | 20x20 |
| 250-480 | 300 | 250 | 65 | 490 | 306 | 58,1 | 250,3 | 6 | 24 | 75 | 65 | 65 | 70 | 90 | 90 | 130 | 20x20 |
| 250-455 | 300 | 250 | 65 | 465 | 299 | 55,3 | 237,8 | 6 | 23 | 75 | 65 | 65 | 70 | 90 | 90 | 130 | 20x20 |
| 250-610 | 300 | 250 | 85 | 610 | 318 | 52,3 | 262,8 | 6 | 24 | 95 | 85 | 85 | 90 | 110 | 110 | 150 | 20x20 |
| 250-580 | 300 | 250 | 85 | 580 | 311 | 49,4 | 249,7 | 6 | 23 | 95 | 85 | 85 | 90 | 110 | 110 | 150 | 20x20 |
| 250-770 | 300 | 250 | 85 | 770 | 300 | 44,2 | 262,5 | 6 | 34 | 95 | 85 | 85 | 90 | 110 | 110 | 150 | 20x20 |
| 250-730 | 300 | 250 | 85 | 730 | 293 | 42,1 | 253 | 6 | 33 | 95 | 85 | 85 | 90 | 110 | 110 | 150 | 20x20 |
| 300-225 | 300 | 300 | 45 | 235 | 215 | 113 | 199,3 | 4 | 32 | 55 | 45 | 45 | 50 | 70 | 70 | 102 | 16x16 |
| 300-215 | 300 | 300 | 45 | 224 | 205 | 106 | 189,4 | 4 | 30,5 | 55 | 45 | 45 | 50 | 70 | 70 | 102 | 16x16 |
| 300-255 | 300 | 300 | 45 | 250 | 238 | 101 | 206,4 | 6 | 24,5 | 55 | 45 | 45 | 50 | 70 | 70 | 102 | 16x16 |
| 300-245 | 300 | 300 | 45 | 240 | 228 | 94,8 | 196,1 | 6 | 23 | 55 | 45 | 45 | 50 | 70 | 70 | 102 | 16x16 |

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# e-XC SERIES
# GENERAL TECHNICAL MECHANICAL DATA

| SIZE | DNs | DNd | FRAME SIZE | IMPELLER | | | | | | SHAFT DIAMETER [mm] | | | SEAL DIAMETER [mm] | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Diameter [mm] | | Outlet Width [mm] | Suction Eye [mm] | No. Of Vanes | Max. Ball Passage [mm] | at Impeller | at Bearing | at Coupling | Mechanical Seal<br>Unbalanced & Internal balanced & Cartridge | | Stuffing Box | | |
| | | | | MAX | MIN | | | | | | | | seal on shaft | seal on sleeve | Inner Ø | Outer Ø | Packing Dimension |
| 300-330 | 350 | 300 | 65 | 335 | 278 | 95,5 | 237 | 6 | 27,5 | 75 | 65 | 65 | 70 | 90 | 90 | 130 | 20x20 |
| 300-315 | 350 | 300 | 65 | 320 | 274 | 90,5 | 225 | 6 | 26,5 | 75 | 65 | 65 | 70 | 90 | 90 | 130 | 20x20 |
| 300-450 | 400 | 300 | 75 | 455 | 343 | 80 | 289,4 | 6 | 27,5 | 85 | 75 | 75 | 80 | 100 | 100 | 140 | 20x20 |
| 300-430 | 400 | 300 | 75 | 430 | 335 | 76,4 | 274,9 | 6 | 26 | 85 | 75 | 75 | 80 | 100 | 100 | 140 | 20x20 |
| 300-550 | 400 | 300 | 85 | 565 | 345 | 68,5 | 292,1 | 6 | 28 | 95 | 85 | 85 | 90 | 110 | 110 | 150 | 20x20 |
| 300-525 | 400 | 300 | 85 | 540 | 338 | 64,8 | 277,5 | 6 | 27 | 95 | 85 | 85 | 90 | 110 | 110 | 150 | 20x20 |
| 300-705 | 400 | 300 | 95 | 720 | 365 | 52 | 300 | 6 | 26,5 | 105 | 95 | 95 | 100 | 120 | 120 | 160 | 20x20 |
| 300-680 | 400 | 300 | 95 | 685 | 356 | 49,3 | 285 | 6 | 25 | 105 | 95 | 95 | 100 | 120 | 120 | 160 | 20x20 |
| 350-300 | 350 | 350 | 45 | 290 | 265 | 113 | 229,2 | 6 | 27,5 | 55 | 45 | 45 | 50 | 70 | 70 | 102 | 16x16 |
| 350-285 | 350 | 350 | 45 | 275 | 250 | 108 | 217,8 | 6 | 26,5 | 55 | 45 | 45 | 50 | 70 | 70 | 102 | 16x16 |
| 350-385 | 400 | 350 | 75 | 385 | 321 | 108 | 268,6 | 6 | 31 | 85 | 75 | 75 | 80 | 100 | 100 | 140 | 20x20 |
| 350-365 | 400 | 350 | 75 | 365 | 312 | 102 | 255,2 | 6 | 29,5 | 85 | 75 | 75 | 80 | 100 | 100 | 140 | 20x20 |
| 350-450 | 450 | 350 | 85 | 455 | 368 | 126 | 315,6 | 6 | 36 | 95 | 85 | 85 | 90 | 110 | 110 | 150 | 20x20 |
| 350-430 | 450 | 350 | 85 | 435 | 359 | 120 | 299,8 | 6 | 34,5 | 95 | 85 | 85 | 90 | 110 | 110 | 150 | 20x20 |
| 350-530 | 450 | 350 | 85 | 540 | 405 | 92,8 | 339,9 | 6 | C.F. | 95 | 85 | 85 | 90 | 110 | 110 | 150 | 20x20 |
| 350-505 | 450 | 350 | 85 | 515 | 393 | 87,8 | 322,9 | 6 | 31 | 95 | 85 | 85 | 90 | 110 | 110 | 150 | 20x20 |
| 350-685 | 500 | 350 | 85 | C.F. | C.F. | 82,2 | 350,8 | 6 | 28 | 95 | 85 | 85 | 90 | 110 | 110 | 150 | 20x20 |
| 350-650 | 500 | 350 | 85 | C.F. | C.F. | 78 | 333 | 6 | 27 | 95 | 85 | 85 | 90 | 110 | 110 | 150 | 20x20 |
| 350-690 | 400 | 350 | 105 | 705 | 383 | 76,3 | 306 | 7 | 29,7 | 115 | 105 | 105 | 110 | 130 | 130 | 170 | 20x20 |
| 350-655 | 400 | 350 | 105 | 670 | 371 | 72,5 | 290,7 | 7 | 28 | 115 | 105 | 105 | 110 | 130 | 130 | 170 | 20x20 |
| 350-780 | 400 | 350 | 120 | C.F. | C.F. | 60,1 | 340 | 6 | C.F. | 130 | 120 | 120 | 125 | 150 | 150 | 190 | 20x20 |
| 350-745 | 400 | 350 | 120 | C.F. | C.F. | C.F. | C.F. | C.F. | C.F. | 130 | 120 | 120 | 125 | 150 | 150 | 190 | 20x20 |
| 350-845 | 500 | 350 | 95 | C.F. | C.F. | 63,1 | 343,3 | 6 | C.F. | 106 | 95 | 95 | 100 | 120 | 120 | 160 | 20x20 |
| 350-805 | 500 | 350 | 95 | C.F. | C.F. | 60,1 | 326,9 | 6 | C.F. | 106 | 95 | 95 | 100 | 120 | 120 | 160 | 20x20 |
| 400-340 | 400 | 400 | 55 | 333 | 315 | 134 | 266,3 | 6 | 32,5 | 65 | 55 | 55 | 60 | 80 | 80 | 120 | 20x20 |
| 400-325 | 400 | 400 | 55 | 305 | 290 | 129 | 253 | 6 | 31 | 65 | 55 | 55 | 60 | 80 | 80 | 120 | 20x20 |
| 400-525 | 500 | 400 | 95 | 530 | 505 | 125 | 344,5 | 7 | 34 | 105 | 95 | 95 | 100 | 120 | 120 | 160 | 20x20 |
| 400-500 | 500 | 400 | 95 | 418 | 408 | 119 | 327,8 | 7 | 32,5 | 105 | 95 | 95 | 100 | 120 | 120 | 160 | 20x20 |
| 400-535 | 500 | 400 | 75 | C.F. | C.F. | 114 | 329,1 | 6 | C.F. | 86 | 75 | 75 | 80 | 100 | 100 | 140 | 20x20 |
| 400-510 | 500 | 400 | 75 | C.F. | C.F. | C.F. | C.F. | C.F. | C.F. | 86 | 75 | 75 | 80 | 100 | 100 | 140 | 20x20 |
| 400-580 | 500 | 400 | 105 | 585 | 433 | 102 | 370,5 | 6 | 36 | 115 | 105 | 105 | 110 | 130 | 130 | 170 | 20x20 |
| 400-550 | 500 | 400 | 105 | 555 | 428 | 96,9 | 352 | 6 | 34,5 | 115 | 105 | 105 | 110 | 130 | 130 | 170 | 20x20 |

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# e-XC SERIES
# GENERAL TECHNICAL MECHANICAL DATA

| SIZE | DNs | DNd | FRAME SIZE | IMPELLER | | | | | | SHAFT DIAMETER [mm] | | | SEAL DIAMETER [mm] | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Diameter [mm] | | Outlet Width [mm] | Suction Eye [mm] | No. Of Vanes | Max. Ball Passage [mm] | at Impeller | at Bearing | at Coupling | Mechanical Seal<br>Unbalanced & Internal balanced & Cartridge | | Stuffing Box | | |
| | | | | MAX | MIN | | | | | | | | seal on shaft | seal on sleeve | Inner Ø | Outer Ø | Packing Dimension |
| 400-800 | 600 | 400 | 105 | C.F. | C.F. | 95,1 | 404,5 | 6 | C.F. | 116 | 105 | 105 | 110 | 130 | 130 | 170 | 20x20 |
| 400-760 | 600 | 400 | 105 | C.F. | C.F. | C.F. | C.F. | C.F. | C.F. | 116 | 105 | 105 | 110 | 130 | 130 | 170 | 20x20 |
| 400-970 | 600 | 400 | 120 | C.F. | C.F. | 74,1 | 399,2 | 6 | C.F. | 130 | 120 | 120 | 125 | 150 | 150 | 190 | 20x20 |
| 400-925 | 600 | 400 | 120 | C.F. | C.F. | C.F. | C.F. | C.F. | C.F. | 130 | 120 | 120 | 125 | 150 | 150 | 190 | 20x20 |
| 450-390 | 500 | 450 | 65 | 381 | 350 | 151 | 302,6 | 6 | 36,5 | 75 | 65 | 65 | 70 | 90 | 90 | 130 | 20x20 |
| 450-370 | 500 | 450 | 65 | 362 | 330 | 143 | 287,5 | 6 | 35 | 75 | 65 | 65 | 70 | 90 | 90 | 130 | 20x20 |
| 500-450 | 600 | 500 | 85 | 435 | 400 | 180 | 351,1 | 6 | 43 | 95 | 85 | 85 | 90 | 110 | 110 | 150 | 20x20 |
| 500-430 | 600 | 500 | 85 | 415 | 380 | 170 | 333,5 | 6 | 41 | 95 | 85 | 85 | 90 | 110 | 110 | 150 | 20x20 |
| 500-525 | 600 | 500 | 85 | C.F. | C.F. | 138 | 333,4 | 7 | C.F. | 95 | 85 | 85 | 90 | 110 | 110 | 150 | 20x20 |
| 500-500 | 600 | 500 | 85 | C.F. | C.F. | 131 | 316,7 | 7 | C.F. | 95 | 85 | 85 | 90 | 110 | 110 | 150 | 20x20 |
| 500-625 | 600 | 500 | 95 | C.F. | C.F. | 132 | 380,8 | 6 | C.F. | 105 | 95 | 95 | 100 | 120 | 120 | 160 | 20x20 |
| 500-605 | 600 | 500 | 95 | C.F. | C.F. | 126 | 361,8 | 6 | C.F. | 105 | 95 | 95 | 100 | 120 | 120 | 160 | 20x20 |
| 500-715 | 700 | 500 | 120 | C.F. | C.F. | 151 | 435,2 | 6 | C.F. | 130 | 120 | 120 | 125 | 150 | 150 | 190 | 20x20 |
| 500-690 | 700 | 500 | 120 | C.F. | C.F. | C.F. | C.F. | C.F. | C.F. | 130 | 120 | 120 | 125 | 150 | 150 | 190 | 20x20 |
| 500-920 | 700 | 500 | 140 | C.F. | C.F. | 111 | 471,5 | 6 | C.F. | 151 | 140 | 140 | 145 | 170 | 170 | 215 | 22x22 |
| 500-875 | 700 | 500 | 140 | C.F. | C.F. | C.F. | C.F. | C.F. | C.F. | 151 | 140 | 140 | 145 | 170 | 170 | 215 | 22x22 |
| 600-575 | 700 | 600 | 95 | C.F. | C.F. | 208 | 431,7 | 6 | C.F. | 105 | 95 | 95 | 100 | 120 | 120 | 160 | 20x20 |
| 600-540 | 700 | 600 | 95 | C.F. | C.F. | 199 | 410,7 | 6 | C.F. | 105 | 95 | 95 | 100 | 120 | 120 | 160 | 20x20 |
| 600-610 | 700 | 600 | 105 | C.F. | C.F. | 147 | 415,4 | 6 | C.F. | 116 | 105 | 105 | 110 | 130 | 130 | 170 | 20x20 |
| 600-580 | 700 | 600 | 105 | C.F. | C.F. | C.F. | C.F. | C.F. | C.F. | 116 | 105 | 105 | 110 | 130 | 130 | 170 | 20x20 |
| 600-810 | 800 | 600 | 140 | C.F. | C.F. | 170 | 489,6 | 6 | C.F. | 151 | 140 | 140 | 145 | 170 | 170 | 215 | 22x22 |
| 600-770 | 800 | 600 | 140 | C.F. | C.F. | C.F. | C.F. | C.F. | C.F. | 151 | 140 | 140 | 145 | 170 | 170 | 215 | 22x22 |
| 600-1000 | 800 | 600 | 160 | C.F. | C.F. | 118 | 505 | 6 | C.F. | 171 | 160 | 150 | 165 | 190 | 190 | 235 | 22x22 |
| 600-950 | 800 | 600 | 160 | C.F. | C.F. | C.F. | C.F. | C.F. | C.F. | 171 | 160 | 150 | 165 | 190 | 190 | 235 | 22x22 |
| 600-1115 | 800 | 600 | 170 | C.F. | C.F. | 133 | 569,8 | 6 | C.F. | 181 | 170 | 160 | 165 | 190 | 190 | 235 | 22x22 |
| 600-1060 | 800 | 600 | 170 | C.F. | C.F. | C.F. | C.F. | C.F. | C.F. | 181 | 170 | 160 | 165 | 190 | 190 | 235 | 22x22 |
| 700-535 | 700 | 700 | 95 | C.F. | C.F. | 153 | 410 | 5 | C.F. | 106 | 95 | 95 | 100 | 120 | 120 | 160 | 20x20 |
| 700-505 | 700 | 700 | 95 | C.F. | C.F. | C.F. | C.F. | C.F. | C.F. | 106 | 95 | 95 | 100 | 120 | 120 | 160 | 20x20 |
| 700-615 | 800 | 700 | 120 | C.F. | C.F. | 234 | 484,4 | 6 | C.F. | 130 | 120 | 120 | 125 | 150 | 150 | 190 | 20x20 |
| 700-585 | 800 | 700 | 120 | C.F. | C.F. | C.F. | C.F. | C.F. | C.F. | 130 | 120 | 120 | 125 | 150 | 150 | 190 | 20x20 |
| 700-670 | 800 | 700 | 120 | C.F. | C.F. | 164 | 465,5 | 6 | C.F. | 131 | 120 | 120 | 125 | 150 | 150 | 190 | 20x20 |
| 700-635 | 800 | 700 | 120 | C.F. | C.F. | C.F. | C.F. | C.F. | C.F. | 131 | 120 | 120 | 125 | 150 | 150 | 190 | 20x20 |
| 700-775 | 800 | 700 | 140 | C.F. | C.F. | 183 | 518,9 | 0 | C.F. | 151 | 140 | 140 | 125 | 150 | 150 | 190 | 20x20 |
| 700-735 | 800 | 700 | 140 | C.F. | C.F. | C.F. | C.F. | C.F. | C.F. | 151 | 140 | 140 | 125 | 150 | 150 | 190 | 20x20 |
| 700-870 | 800 | 700 | 140 | C.F. | C.F. | 185 | 533,1 | 6 | C.F. | 151 | 140 | 140 | 145 | 170 | 170 | 215 | 22x22 |
| 700-830 | 800 | 700 | 140 | C.F. | C.F. | C.F. | C.F. | C.F. | C.F. | 151 | 140 | 140 | 145 | 170 | 170 | 215 | 22x22 |
| 700-995 | 900 | 700 | 170 | C.F. | C.F. | 207 | 594,7 | 6 | C.F. | 181 | 170 | 160 | 175 | 200 | 200 | 250 | 25x25 |
| 700-945 | 900 | 700 | 170 | C.F. | C.F. | C.F. | C.F. | C.F. | C.F. | 181 | 170 | 160 | 175 | 200 | 200 | 250 | 25x25 |
| 800-590 | 800 | 800 | 120 | C.F. | C.F. | 171 | 455,1 | 5 | C.F. | 130 | 120 | 120 | 110 | 130 | 130 | 170 | 20x20 |
| 800-560 | 800 | 800 | 120 | C.F. | C.F. | C.F. | C.F. | C.F. | C.F. | 130 | 120 | 120 | 110 | 130 | 130 | 170 | 20x20 |

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# e-XC SERIES
# AVAILABLE MATERIALS

Various material configurations are available to fit the needs of different pumped mediums and applications requirements.
Below are the specifics regarding the material configurations and their availability for the different pump sizes.
The material identification codes are the same used in the pump description.

| Ref | PART | MATERIAL | | | | | |
|---|---|---|---|---|---|---|---|
| | | STANDARD | | AVAILABLE OPTIONS* | | | |
| 1 | External flush line | 304 SS | 316 SS | Nylon | | | |
| 2 | Upper casing | Cast Iron EN GJL 250 | Ductile Iron EN-GJS-500-7 | 316 SS | Duplex SS | Super Duplex | - |
| 3 | Gasket (parting flange) | Cardboard | | | | | |
| 4 | Outboard end cap | 1.0038 | | | | | |
| 5 | Gasket (bearing gland) | Fishpaper | | | | | |
| 6 | Bearing housing | Cast Iron, EN GJL 200 | | | | | |
| 7 | Shaft guard | 1.0038 | | 304 SS | 316 SS | | |
| 8 | Locknut and tab washer (outboard bearing only) | Ck45 | | | | | |
| 9 | Deep groove ball bearing (single row) | Bearing Steel | | | | | |
| 10 | Shoulder ring (outboard bearing only) | Ck45 | | | | | |
| 11 | Bearing gland | 1.0038 | | | | | |
| 12 | Bearing seal ring (labyrinth seal) | Cast Iron, EN GJL 250 | | | | | |
| 13 | Seal gland | 1.0038 | | 304 SS | 316 SS | Duplex SS | Super Duplex |
| 14 | O-ring (seal gland) | FKM | | | | | |
| 15 | Stuffing box with O-rings | Cast Iron, EN GJL 200 / FKM | | | | | |
| 16 | Mechanical seal* | Unbalanced Elastomer Bellow | Unbalanced O-Ring Pusher | Internal Balanced O-Ring Pusher | Cartridge | - | - |
| 17 | Drive Ring (unbalanced elastomer Bellow only) | 304 SS | | 316 SS | Duplex SS | Super Duplex | |
| 18 | Shaft sleeve nut | 304 SS | | 316 SS | Duplex SS | Super Duplex | |
| 19 | Tab washer (shaft sleeve nut) | 304 SS | | | | - | - |
| 20 | Shaft sleeve | 304 SS | | 316 SS | Duplex SS | Super Duplex | - |
| 21 | O-ring (shaft sleeve) | FKM | | | | | |
| 22 | Impeller hub sleeve | 304 SS | | 316 SS | Duplex SS | Super Duplex | |
| 23 | Gasket (impeller hub sleeve) | PTFE | | | | | |
| 24 | Casing wear ring | Bronze | | 304 SS | Duplex SS | Nitronic 60 | Super Duplex |
| 25 | O-ring (casing wear ring) | FKM | | | | | |
| 26 | Impeller wear rings | 304 SS | | 316 SS | Super Duplex | | |
| 27 | Impeller | 304 SS | | 316 SS | Super Duplex | - | - |
| 28 | Impeller Key | CK45 | | | | | |
| 29 | Shaft | 1.4021 wet design | 1.7035 dry design | 1.4462 wet design | 1.7220 dry design | - | - |
| 30 | Heterotype key (shaft sleeve) | 304 SS | | | | | |
| 31 | Coupling key | CK45 | | | | | |
| 32 | Lower casing | Cast Iron EN GJL 250 | Ductile Iron EN-GJS-500-7 | 316 SS | Duplex SS | Super Duplex | - |

*For mechanical seal material configuration details, see "Mechanical Seals" section.

eXC-en_a_tm

# REFERENCE STANDARD

| | MATERIAL | | REFERENCE STANDARDS | | |
|---|---|---|---|---|---|
| | DESIGNATION | CODE | EN | CHINESE | US*) |
| Casted Products | Cast Iron | EN-GJL-200 | EN-GJL-200 | HT200 | ASTM A48-class 30 |
| | Cast Iron | EN-GJL-250 | EN-GJL-250 | HT250 | ASTM A48-class 35 |
| | Ductile Iron | EN-GJS-500-7 | EN-GJS-500-7 | QT500-7 | ASTM A536, 80-55-06 |
| | Bronze | Bronze | CuSn8Zn4 | CuSn8Zn4 | ASTM - C90300 |
| | Stainless steel Silicon | Nitronic 60 | - | - | Nitronic 60 |
| | Stainless steel | 304 SS | 1.4308 | ZG0Cr18Ni9 | ASTM - CF8 |
| | Stainless steel | 316 SS | 1.4408 | ZG07Cr19Ni11Mo3 | ASTM - CF8M |
| | Duplex | Duplex SS | 1.4517 | GX2CrNiMoCuN25-6-3-3 | ASTM - CD4MCuN |
| | Super Duplex | Super Duplex | 1.4469 | GX2CrNiMoN26-7-4 | ASTM - CE3MN |
| Fabricated Products | Bearing Steel (Carbonst.) | Bearing Steel | - | - | - |
| | Carbon Steel | Ck45 | 1.1191 | 45 | AISI - 1045 |
| | Carbon Steel Plate | 1.0038 | 1.0038 | Q235-B | ASTM - A36 |
| | Stainless steel | 304 SS | 1.4301 | 0Cr18Ni9 | AISI - 304 |
| | Stainless steel | 316 SS | 1.4401 | 0Cr17Ni12Mo2 | AISI - 316 |
| | Duplex Stainless Steel | Duplex SS | 1.4462 | X2CrNiMoN22-5-3 | ASTM - F51, AISI - 2205 |
| | Super Duplex Steel | Super Duplex | 1.4410 | X2CrNiMoN25-7-4 | ASTM - F53 |
| | Stainless steel - shaft | 1.7220 | 1.7220 | 35CrMo | AISI - 4135 |
| | Stainless steel - shaft | 1.7035 | 1.7035 | 40Cr | AISI - 5140 |
| | Stainless steel - shaft | 1.4021 | 1.4021 | 2Cr13 | ASTM - 420 |
| | Duplex - shaft | 1.4462 | 1.4462 | X2CrNiMoN22-5-3 | ASTM - F51, AISI - 2205 |
| Gasket Products | FKM | Fluoro-Elastomer | - | - | - |
| | PTFE COMPOUND | Modified PTFE | - | - | - |
| | FISHPAPER | Vulcanized Fibre Paper | - | - | - |
| | CARDBOARD | Free of Asbestos | - | - | - |

*) … Similar Grade

eXC-mat-en_a_tm

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# e-XC SERIES
# PUMP CASING DATA 50 Hz

Pump casing designs and characteristics vary within the e-XC pump family. The table below outlines casing properties by pump model. Cast iron is the standard casing material, in case option both cast iron and ductile iron casings are available for the same pump model. Pressure ratings indicate max working pressure of the pump.
For details regarding drop-in and integrated seal chamber designs, see 'e-XC Pump Casing Variants'.

| No. | e-XC Pump Model | | Seal Chamber Type | Volute Type | Cast Iron (16 bar) | Ductile Iron (16 bar) | Ductile Iron (25 bar) | Ductile Iron (31 bar) | Stainless steel (PN16) | Duplex Superduplex (PN16) | Duplex Superduplex (PN25) | Duplex Superduplex (PN31) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 80-215 | 80-205 | Drop-in | Single | • | | • | | • | • | • | |
| 2 | 80-285 | 80-270 | Drop-in | Single | • | | • | | • | • | • | |
| 3 | 80-315 | 80-300 | Drop-in | Single | | | • | | | | • | |
| 4 | 80-345 | 80-330 | Drop-in | Single | • | | • | | • | • | • | |
| 5 | 100-165 | 100-155 | Drop-in | Single | • | | • | | • | • | • | |
| 6 | 100-260 | 100-250 | Drop-in | Single | • | | • | | • | • | • | |
| 7 | 100-325 | 100-310 | Drop-in | Single | • | | | • | • | • | | • |
| 8 | 100-365 | 100-350 | Drop-in | Single | • | | • | | • | • | • | |
| 9 | 100-410 | 100-390 | Drop-in | Single | • | | • | | • | • | • | |
| 10 | 125-195 | 125-185 | Drop-in | Single | • | | • | | • | • | • | |
| 11 | 125-225 | 125-215 | Drop-in | Single | • | | • | | • | • | • | |
| 12 | 125-245 | 125-235 | Drop-in | Single | • | | • | | • | • | • | |
| 13 | 125-300 | 125-285 | Drop-in | Single | • | | • | | • | • | • | |
| 14 | 125-355 | 125-335 | Drop-in | Single | | | | • | | | | • |
| 15 | 125-390 | 125-370 | Drop-in | Single | • | | • | | • | • | • | |
| 16 | 125-475 | 125-450 | Drop-in | Single | • | | • | | • | • | • | |
| 17 | 150-170 | 150-160 | Drop-in | Single | • | | • | | • | • | • | |
| 18 | 150-300 | 150-285 | Drop-in | Single | • | | • | | • | • | • | |
| 19 | 150-355 | 150-340 | Drop-in | Single | • | | • | | • | • | • | |
| 20 | 150-455 | 150-435 | Drop-in | Single | • | | • | | • | • | • | |
| 21 | 150-560 | 150-535 | Drop-in | Dual | | | • | | | | • | |
| 22 | 150-280 | 150-265 | Drop-in | Single | | | • | | | | • | |
| 23 | 200-200 | 200-190 | Drop-in | Single | • | | • | | • | • | • | |
| 24 | 200-250 | 200-240 | Drop-in | Single | • | | • | | • | • | • | |
| 25 | 200-345 | 200-330 | Drop-in | Single | • | | • | | • | • | • | |
| 26 | 200-425 | 200-405 | Drop-in | Single | • | | • | | • | • | • | |
| 27 | 200-530 | 200-505 | Drop-in | Dual | | | • | | | | • | |
| 28 | 200-655 | 200-625 | Drop-in | Dual | | | | • | | | | • |
| 29 | 250-200 | 250-190 | Drop-in | Dual | • | | • | | • | • | • | |
| 30 | 250-390 | 250-370 | Drop-in | Single | • | | • | | • | • | • | |
| 31 | 250-480 | 250-455 | Drop-in | Single | • | | • | | • | • | • | |
| 32 | 250-610 | 250-580 | Drop-in | Dual | | | • | | | | • | |
| 33 | 250-770 | 250-730 | Drop-in | Dual | | | • | | | | • | |
| 34 | 300-225 | 300-215 | Drop-in | Dual | • | | • | | • | • | • | |
| 35 | 300-255 | 300-245 | Drop-in | Dual | • | | • | | • | • | • | |

Seal Chamber Type: Drop-in or Integrated see page 23… Pump Casing Variants
Volute Type: Single means without splitter in discharge - Dual means with splitter in discharge

XC_casing-data_50Hz_b_sc 1

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# e-XC SERIES
# PUMP CASING DATA 50 Hz

Pump casing designs and characteristics vary within the e-XC pump family. The table below outlines casing properties by pump model. Cast iron is the standard casing material, option both cast iron and ductile iron casings are available for the same pump model. Pressure ratings indicate max working pressure of the pump.
For details regarding drop-in and integrated seal chamber designs, see 'e-XC Pump Casing Variants'.

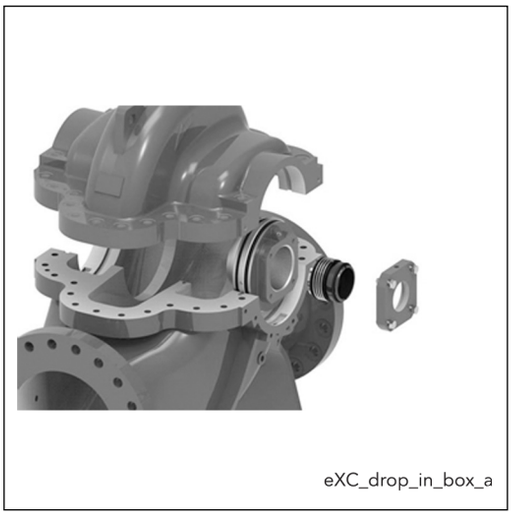
| No. | e-XC Pump Model | | Seal Chamber Type | Volute Type | Cast Iron (16 bar) | Ductile Iron (16 bar) | Ductile Iron (25 bar) | Ductile Iron (31 bar) | Stainless steel (PN16) | Duplex Superduplex (PN16) | Duplex Superduplex (PN25) | Duplex Superduplex (PN31) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 36 | 300-330 | 300-315 | Drop-in | Single | • | | • | | • | • | • | |
| 37 | 300-450 | 300-430 | Drop-in | Single | • | | • | | • | • | • | |
| 38 | 300-550 | 300-525 | Drop-in | Single | | | • | | | | • | |
| 39 | 300-705 | 300-680 | Drop-in | Dual | | | | • | | | | • |
| 40 | 350-300 | 350-285 | Drop-in | Dual | • | | • | | • | • | • | |
| 41 | 350-385 | 350-365 | Drop-in | Single | • | | • | | • | • | • | |
| 42 | 350-690 | 350-655 | Drop-in | Dual | | | | • | | | | • |
| 43 | 350-780 | 350-745 | Integrated | Dual | | | • | | | | • | |
| 44 | 350-450 | 350-430 | Drop-in | Dual | • | | • | | • | • | • | |
| 45 | 350-530 | 350-505 | Drop-in | Dual | • | | • | | • | • | • | |
| 46 | 350-685 | 350-650 | Integrated | Dual | • | | | | • | • | | |
| 47 | 350-845 | 350-805 | Integrated | Dual | | • | | | | • | | |
| 48 | 400-340 | 400-325 | Drop-in | Dual | • | | • | | • | • | • | |
| 49 | 400-525 | 400-500 | Drop-in | Dual | • | | • | | • | • | • | |
| 50 | 400-535 | 400-510 | Drop-in | Dual | • | | | | • | • | | |
| 51 | 400-580 | 400-550 | Drop-in | Dual | | | • | | | | • | |
| 52 | 400-800 | 400-760 | Integrated | Dual | | • | | | | • | | |
| 53 | 400-970 | 400-925 | Integrated | Dual | | | • | | | | • | |
| 54 | 450-390 | 450-370 | Drop-in | Dual | • | | • | | • | • | • | |
| 55 | 500-450 | 500-430 | Drop-in | Dual | • | | • | | • | • | • | |
| 56 | 500-525 | 500-500 | Integrated | Dual | • | | | | • | • | | |
| 57 | 500-625 | 500-605 | Integrated | Dual | • | | | | • | • | | |
| 58 | 500-715 | 500-690 | Integrated | Dual | • | | | | • | • | | |
| 59 | 500-920 | 500-875 | Integrated | Dual | | • | | | | • | | |
| 60 | 600-575 | 600-540 | Integrated | Dual | • | | | | • | • | | |
| 61 | 600-610 | 600-580 | Integrated | Dual | • | | | | • | • | | |
| 62 | 600-810 | 600-770 | Integrated | Dual | | • | | | | • | | |
| 63 | 600-1000 | 600-950 | Integrated | Dual | | | • | | | | • | |
| 64 | 600-1115 | 600-1060 | Integrated | Dual | | • | | | | • | | |
| 65 | 700-535 | 700-505 | Integrated | Dual | • | | | | • | • | | |
| 66 | 700-615 | 700-585 | Integrated | Dual | • | | | | • | • | | |
| 67 | 700-670 | 700-635 | Integrated | Dual | • | | | | • | • | | |
| 68 | 700-775 | 700-735 | Integrated | Dual | • | | | | • | • | | |
| 69 | 700-870 | 700-830 | Integrated | Dual | • | | | | • | • | | |
| 70 | 700-995 | 700-945 | Integrated | Dual | • | | | | • | • | | |
| 71 | 800-590 | 800-560 | Integrated | Dual | • | | | | • | • | | |

Seal Chamber Type: Drop-in or Integrated see page 23… Pump Casing Variants
Volute Type: Single means without splitter in discharge - Dual means with splitter in discharge

XC_casing-data_50Hz_b_sc 2

# e-XC SERIES
# PUMP CASING VARIANTS

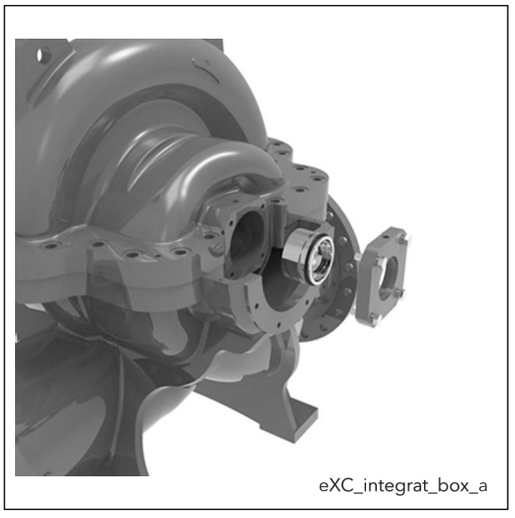
## Drop-in Stuffing Box Design (Drop-in Seal Chamber)



eXC_drop_in_box_a

The drop-in stuffing box design utilizes a removable stuffing box. This design allows a pre-assembled rotating assembly to be installed into the lower casing.
Seal gland, cartridge seals, and packing glands are affixed to the stuffing box in for this design variant.
Flush lines connect to seal gland or stuffing box ports for all sealing configurations.

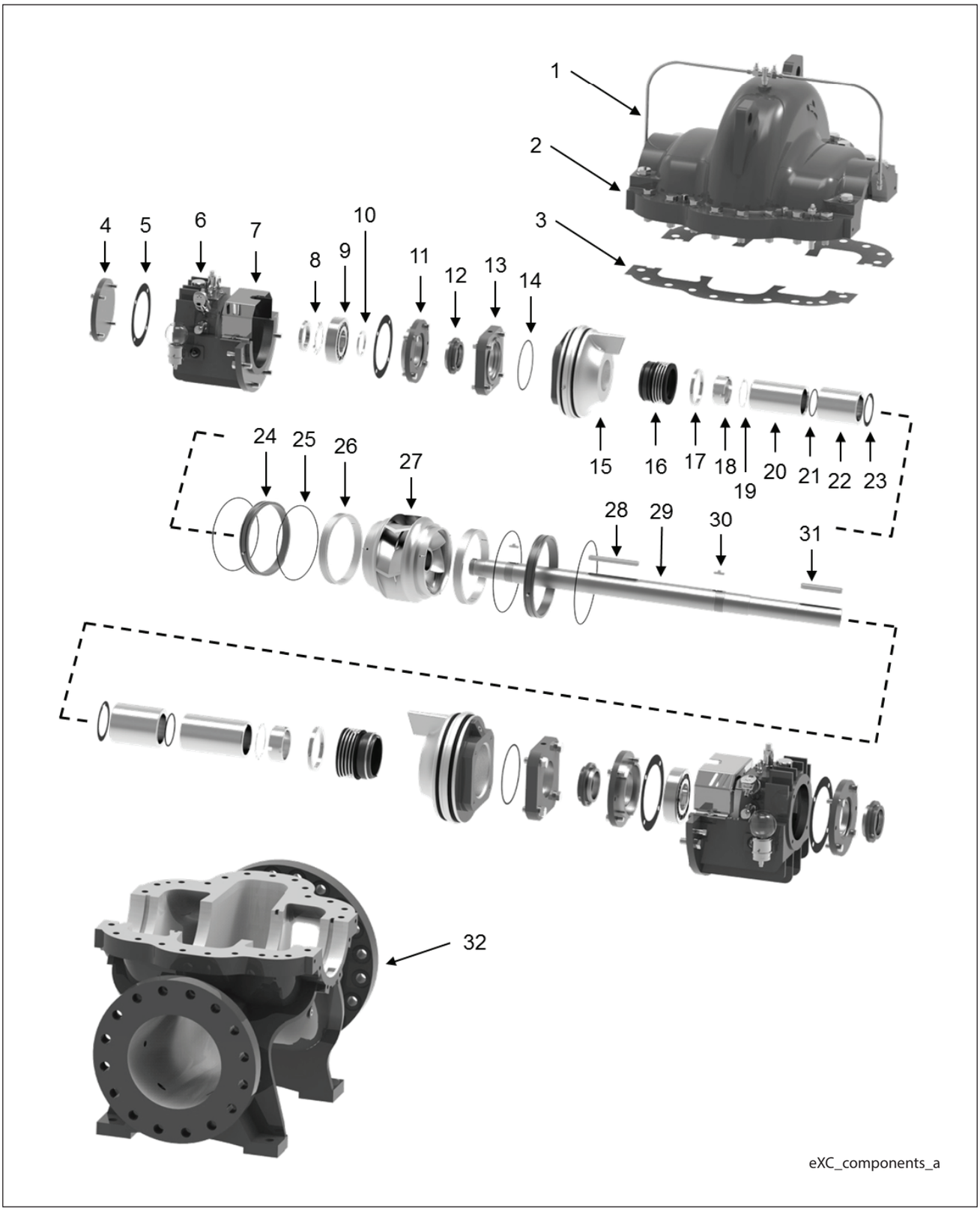
## Integrated Stuffing Box Design (Integrated Seal Chamber)



eXC_integrat_box_a

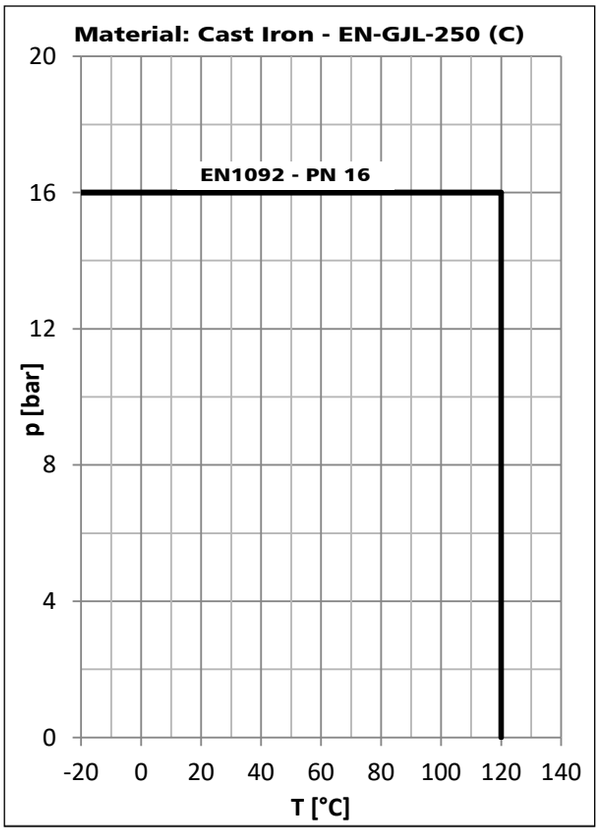
The integrated stuffing box design omits the need for a separate stuffing box. Instead, the upper and lower casing halves form a seal chamber when the pump is assembled.
Seal gland, cartridge seals, and packing glands are fastened directly to the pump casing.
Flush lines connect to seal gland ports for mechanical and cartridge seal configurations. Flush lines connect to ports located on top of the upper casing for the packing seal configuration.

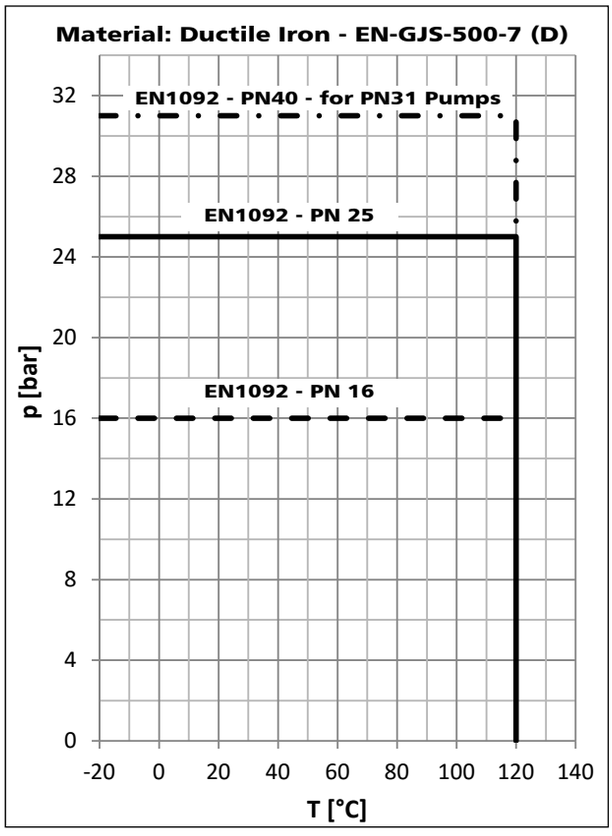
## e-XC SERIES
## ELECTRIC PUMP CROSS-SECTION AND MAIN COMPONENTS



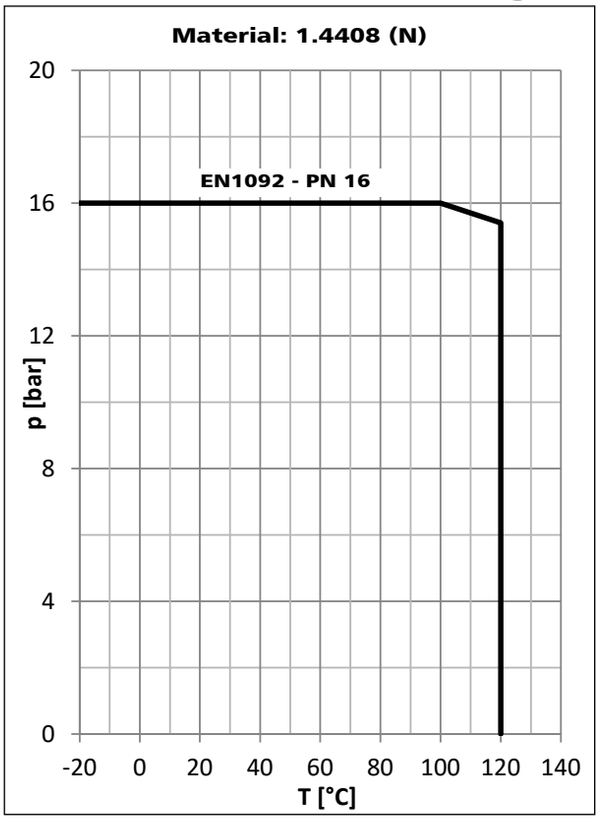
## e-XC SERIES
## PRESSURE/TEMPERATURE FOR PUMP FLANGES ACCORDING TO CASING MATERIAL

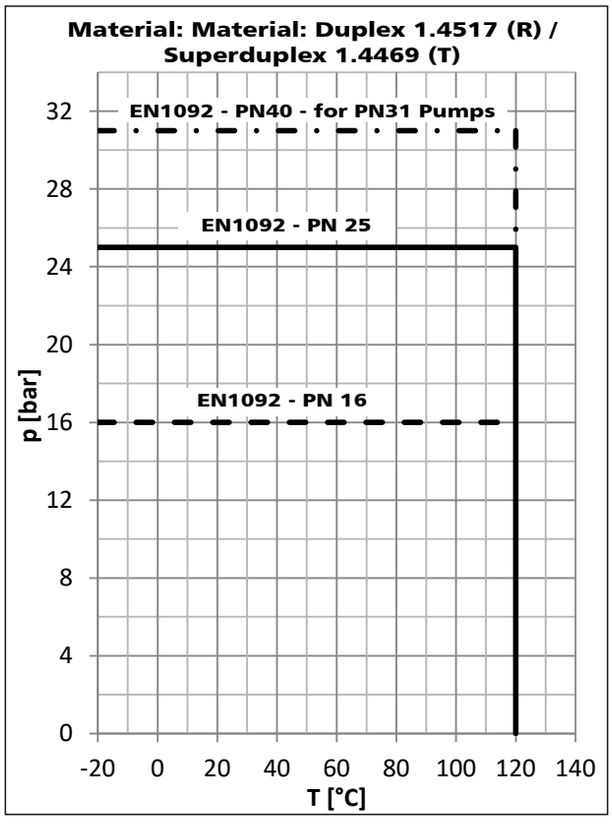
### Flange Standard EN1092-2




### Flange Standard EN1092-1



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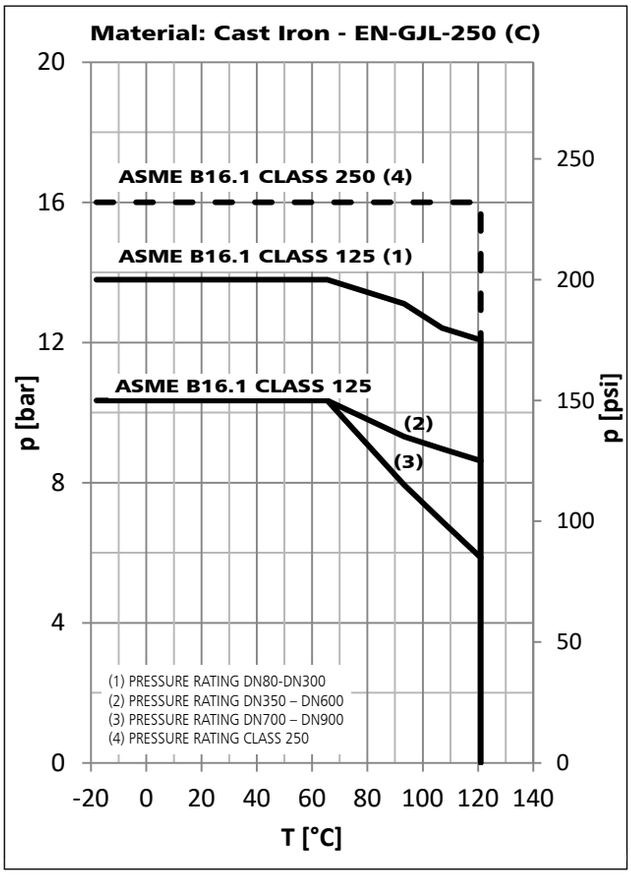
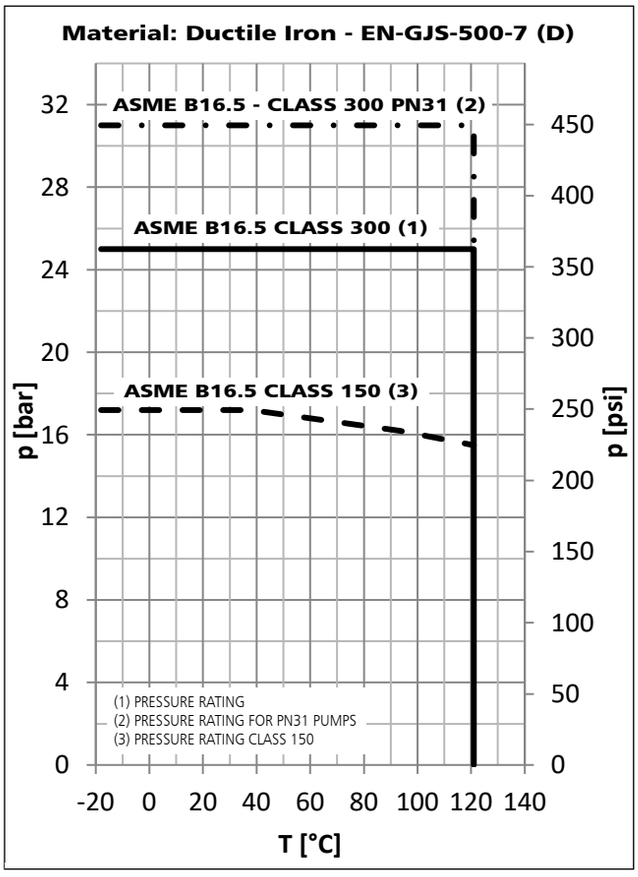
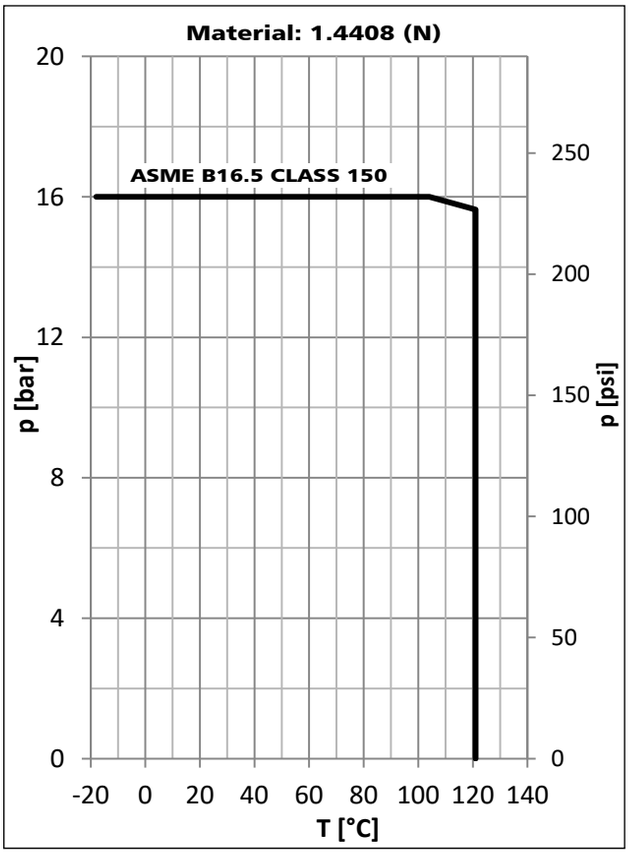
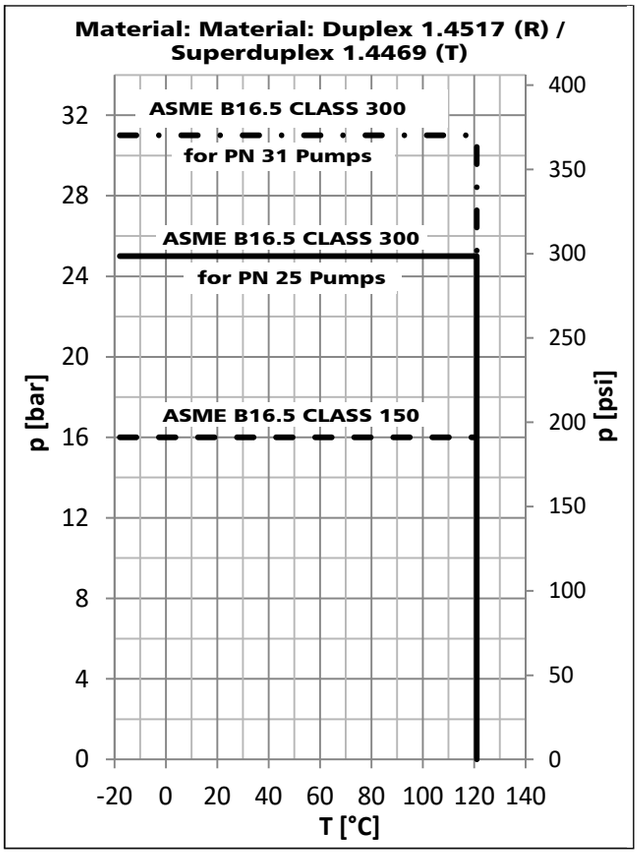
# e-XC SERIES
# PRESSURE/TEMPERATURE LIMITS FOR PUMP FLANGES ACCORDING ASME AND CASING MATERIAL



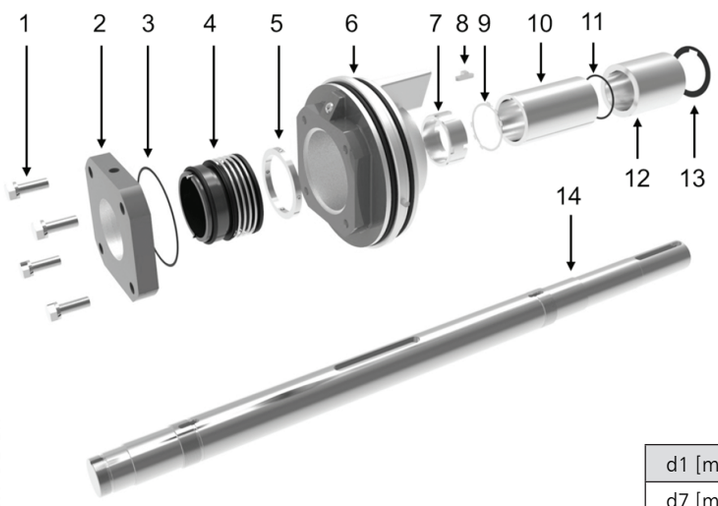



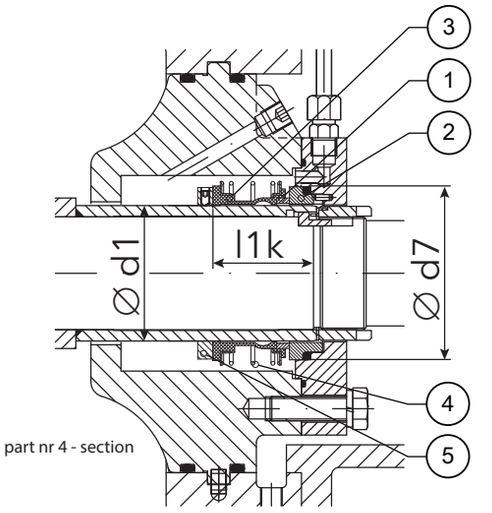
# e-XC SERIES
# MECHANICAL SEAL ARRANGEMENT - API PLAN 11
# UNBALANCED ELASTOMER BELLOW - SEAL ON SLEEVE - SEAL Version A
# CASING MATERIAL: C, D, N, R, T, X - IMPELLER MATERIAL: S, N, R, T, X

Mechanical seal with main dimensions according to EN12756 and ISO3069

## DRY SHAFT DESIGN




XC_DS_MS001_A_DD




part nr 4 - section

| d1 [mm] | 60 | 70 | 80 | 90 | 100 | 110 |
|---|---|---|---|---|---|---|
| d7 [mm] | 80 | 92 | 105 | 115 | 125 | 140,3 |
| l1k [mm] | 52,5 | 60 | 60 | 65 | 65 | 67 |
| ØD [mm] | 35 | 45 | 55 | 65 | 75 | 85 |

ØD … Pump shaft end diameter

**LEGEND**

1 Seal gland fasteners (bolt and washer)
2 Seal gland
3 O-ring (seal gland)
4 Mechanical seal
5 Drive ring
6 Stuffing box (with pin, O-rings, and plug)
7 Sleeve nut
8 Heterotype key (shaft sleeve)
9 Tab washer (shaft sleeve nut)
10 Shaft sleeve
11 O-ring (shaft sleeve)
12 Impeller hub sleeve
13 Gasket (impeller hub sleeve)
14 Shaft

| POSITION 1 - 2 | POSITION 3 | POSITION 4 - 5 |
|---|---|---|
| **B** : Resin impregnated carbon | **E** : EPDM | **G** : AISI 316 |
| **$Q_7$** : Silicon carbide | **V** : FKM (FPM) | |
| | | |

xc_ten-mecT1-en_a_tm

| TYPE | POSITION | | | | | MAX. SEAL OPERATING PRESSURE (bar) DIAMETER (mm) | | SEAL OPERATING TEMPERATURE ( °C ) | HYDROSTATIC TEST PRESSURE (bar) |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | | | | |
| | FACE RING | SEAT RING | ELASTOMERS | SPRINGS | OTHER COMPONENTS | 60-70 | 80-110 | | |
| UNBALANCED ELASTOMER BELLOW | | | | | | | | | |
| B $Q_7$ E G G | B | Q7 | E | G | G | 10,8 | 5,7 | -20 … 120 | 25 |
| B $Q_7$ V G G | B | Q7 | V | G | G | 12 | 6,7 | -20 … 80 | 25 |
| $Q_7$ $Q_7$ E G G | Q7 | Q7 | E | G | G | 10,8 | 4,4 | -20 … 120 | 25 |
| $Q_7$ $Q_7$ V G G | Q7 | Q7 | V | G | G | 12,8 | 6,4 | -20 … 80 | 25 |

xc_ten-mec_typeA-en_b_tc

Operation limits for water. Different liquids on request

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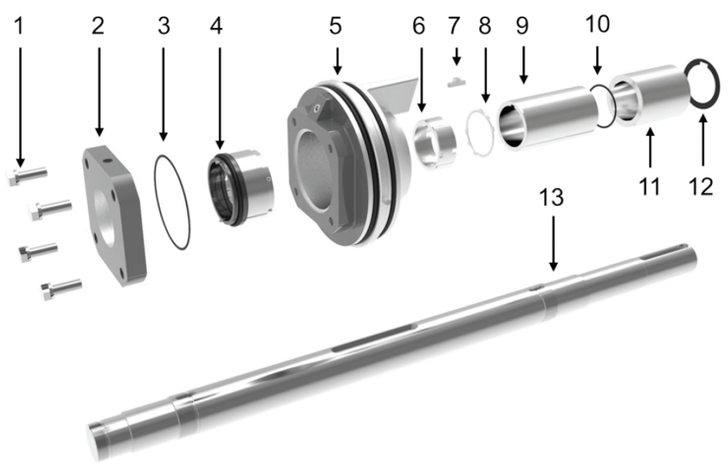
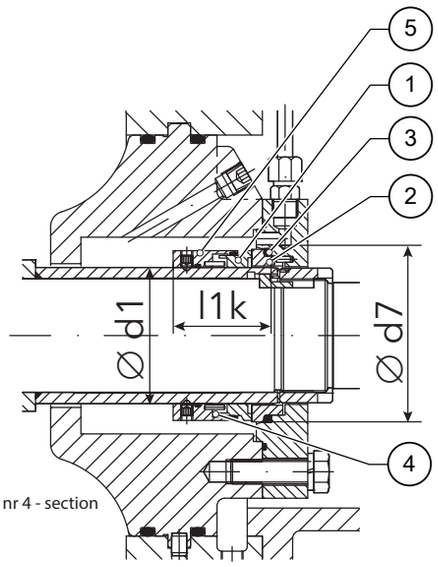
# e-XC SERIES
# MECHANICAL SEAL ARRANGEMENT - API PLAN 11
# UNBALANCED O-RING PUSHER - SEAL ON SLEEVE - SEAL Version C
# CASING MATERIAL: C, D, N, R, T, X - IMPELLER MATERIAL: S, N, R, T, X

Mechanical seal with main dimensions according to EN12756 and ISO3069

## DRY SHAFT DESIGN




part nr 4 - section

XC_DS_M5002_A_DD

| d1 [mm] | 60 | 70 | 80 | 90 | 100 | 110 | 120 | 130 | 150 | 170 | 190 | 200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| d7 [mm] | 80 | 92 | 105 | 115 | 125 | 140,3 | 150,3 | 158,3 | 180,3 | 200,3 | 229,3 | 239,3 |
| l1k [mm] | 52,5 | 60 | 60 | 65 | 65 | 67 | 67 | 67 | 69 | 80 | 84 | 84 |
| ØD [mm] | 35 | 45 | 55 | 65 | 75 | 85 | 95 | 105 | 120 | 140 | 160 | 170 |

ØD … Pump shaft end diameter

**LEGEND**

1 - Seal gland fasteners (bolt and washer)
2 - Seal gland
3 - O-ring (seal gland)
4 - Mechanical seal
5 - Stuffing box (with pin, O-rings, and plug)
6 - Sleeve nut
7 - Heterotype key (shaft sleeve)
8 - Tab washer (shaft sleeve nut)
9 - Shaft sleeve
10 - O-ring (shaft sleeve)
11 - Impeller hub sleeve
12 - Gasket (impeller hub sleeve)
13 - Shaft

| POSITION 1 - 2 | POSITION 3 | POSITION 4 - 5 |
|---|---|---|
| **B** : Resin impregnated carbon | **E** : EPDM | **G** : AISI 316 |
| **$Q_1$** : Silicon carbide | **V** : FKM (FPM) | |
| | | |

n-mecT2-en_a_tm

| TYPE | POSITION | | | | | MAX. SEAL OPERATING PRESSURE (bar) | | | SEAL OPERATING TEMPERATURE ( °C ) | HYDROSTATIC TEST PRESSURE (bar) | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | DIAMETER (mm) | | | | | |
| | FACE RING | SEAT RING | ELASTOMERS | SPRINGS | OTHER COMPONENTS | 60 | 70-100 | 110-200 | | Single Spring | Multi Spring Ø<120 (≥120) |
| UNBALANCED O-RING Pusher | | | | | | | | | | | |
| $Q_1$ B E G G | Q1 | B | E | G | G | 10 | 8 | 6 | -20 … 110 | 35 | 16(12) |
| $Q_1$ B V G G | Q1 | B | V | G | G | 16 | 10 | 8 | -20 … 80 | 35 | 16(12) |
| $Q_1$ $Q_1$ E G G | Q1 | Q1 | E | G | G | 8 | 8 | 8 | -20 … 80 | 35 | 12(12) |
| $Q_1$ $Q_1$ V G G | Q1 | Q1 | V | G | G | 8 | 8 | 8 | -20 … 80 | 35 | 12(12) |

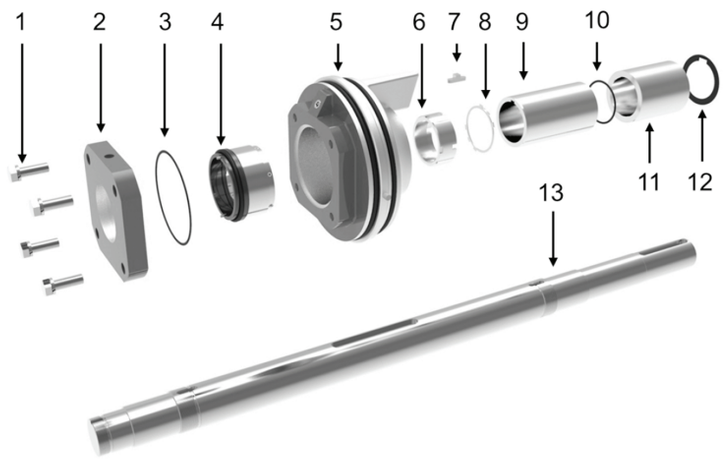
xc_ten-mec_typeC-en_b_tc

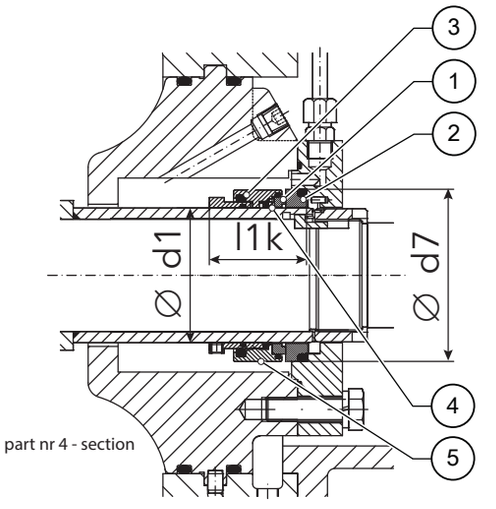
Operation limits for water. Different liquids on request

# e-XC SERIES
# MECHANICAL SEAL ARRANGEMENT - API PLAN 11
# INTERNAL BALANCED O-RING PUSHER - SEAL ON SLEEVE - SEAL Version E
# CASING MATERIAL: C, D, N, R, T, X - IMPELLER MATERIAL: S, N, R, T, X

Mechanical seal with main dimensions according to EN12756 and ISO3069

## DRY SHAFT DESIGN




part nr 4 - section

XC_DS_MS003_A_DD

| d1 [mm] | 60 | 70 | 80 | 90 | 100 |
|---|---|---|---|---|---|
| d7 [mm] | 80 | 92 | 105 | 115 | 125 |
| l1k [mm] | 52,5 | 60 | 60 | 65 | 65 |
| ØD [mm] | 35 | 45 | 55 | 65 | 75 |

ØD … Pump shaft end diameter

**LEGEND**

1 - Seal gland fasteners (bolt and washer)
2 - Seal gland
3 - O-ring (seal gland)
4 - Mechanical seal
5 - Stuffing box (with pin, O-rings, and plug)
6 - Sleeve nut
7 - Heterotype key (shaft sleeve)
8 - Tab washer (shaft sleeve nut)
9 - Shaft sleeve
10 - O-ring (shaft sleeve)
11 - Impeller hub sleeve
12 - Gasket (impeller hub sleeve)
13 - Shaft

| POSITION 1 - 2 | POSITION 3 | POSITION 4 - 5 |
|---|---|---|
| B : Resin impregnated carbon | E : EPDM | G : AISI 316 |
| $Q_7$ : Silicon carbide | V : FKM (FPM) | |
| | | |

xc_ten-mecT1-en_a_tm

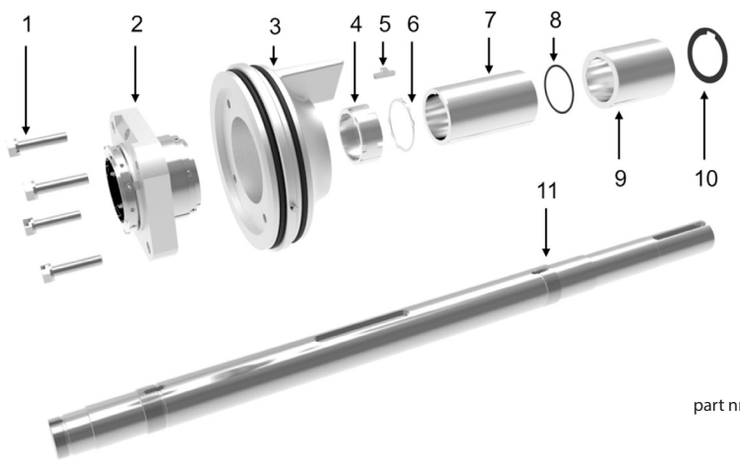
| TYPE | POSITION | | | | | MAX. SEAL OPERATING PRESSURE (bar) | SEAL OPERATING TEMPERATURE (°C) | HYDROSTATIC TEST PRESSURE (bar) |
|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | DIAMETER (mm) | | |
| | FACE RING | SEAT RING | ELASTOMERS | SPRINGS | OTHER COMPONENTS | 60-100 | | |
| INTERNAL BALANCED O-RING PUSHER | | | | | | | | |
| B $Q_7$ E G G | B | $Q_7$ | E | G | G | 16 | -20…120 | 30 |
| B $Q_7$ V G G | B | $Q_7$ | V | G | G | 20 | -20…80 | 30 |
| $Q_7$ $Q_7$ E G G | $Q_7$ | $Q_7$ | E | G | G | 20 | -20…120 | 30 |
| $Q_7$ $Q_7$ V G G | $Q_7$ | $Q_7$ | V | G | G | 25 | -20…80 | 30 |

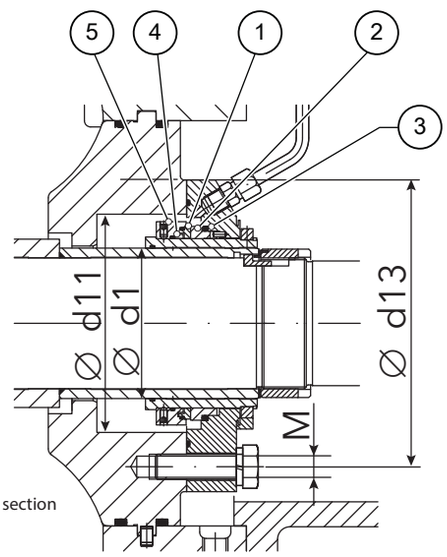
xc_ten-mec_typeE-en_b_tc

Operation limits for water. Different liquids on request

# e-XC SERIES
# MECHANICAL SEAL ARRANGEMENT - API PLAN 11
# CARTRIDGE - SEAL ON SLEEVE - SEAL Version H
# CASING MATERIAL: C, D, N, R, T, X - IMPELLER MATERIAL: S, N, R, T, X

## DRY SHAFT DESIGN




part nr 2 - section

XC_DS_M5004_A_DD

| d1 [mm] | 60 | 70 | 80 | 90 | 100 | 110 | 120 | 130 | 150 | 170 | 190 | 200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| d11 [mm] | 96 | 109 | 125 | 135 | 145 | 160 | 175 | 185 | 210 | 230 | TBD | TBD |
| d13 [mm] | 130 | 140 | 170 | 180 | 190 | 205 | 230 | 240 | TBD | TBD | TBD | TBD |
| M | 4xM12 | 4xM12 | 4xM12 | 4xM16 | 4xM16 | 4xM16 | 4xM20 | 4xM20 | TBD | TBD | TBD | TBD |
| ØD [mm] | 35 | 45 | 55 | 65 | 75 | 85 | 95 | 105 | 120 | 140 | 160 | 170 |

ØD … Pump shaft end diameter

**LEGEND**

1 - Seal gland fasteners (bolt and washer)
2 - Cartridge seal
3 - Stuffing box (with pin and O-rings)
4 - Sleeve nut
5 - Heterotype key (shaft sleeve)
6 - Tab washer (shaft sleeve nut)
7 - Shaft sleeve
8 - O-ring (shaft sleeve)
9 - Impeller hub sleeve
10 - Gasket (impeller hub sleeve)
11 - Shaft

| POSITION 1 - 2 | POSITION 3 | POSITION 4 - 5 |
|---|---|---|
| **B** : Resin impregnated carbon | **E** : EPDM | **G** : AISI 316 |
| **$Q_1$** : Silicon carbide | **V** : FKM (FPM) | **M** : Nickel alloy |
| **U** : Tungsten Carbide | | |

xc_ten-mecT3-en_a_tm

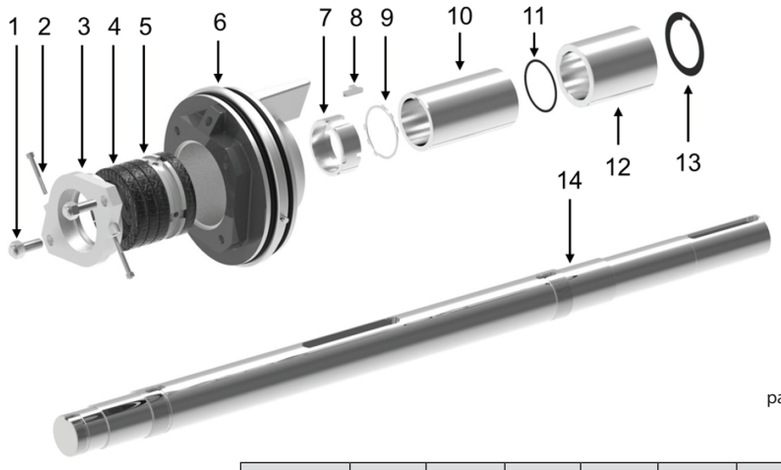
| TYPE | POSITION 1 | 2 | 3 | 4 | 5 | MAX. SEAL OPERATING PRESSURE (bar) DIAMETER (mm) | | | | SEAL OPERATING TEMPERATURE (°C) | HYDROSTATIC TEST PRESSURE (bar) | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | FACE RING | SEAT RING | ELASTOMERS | SPRINGS | OTHER COMPONENTS | <105 | 105-150 | 155-180 | 185-200 | | <105 | 105-150 | 155-180 |
| INTERNAL BALANCED O-RING PUSHER | | | | | | | | | | | | | |
| $Q_1$ B E M G | $Q_1$ | B | E | M | G | 25 | 20 | 16 | TBD | -20 … 120 | 37 | 30 | 24 |
| $Q_1$ B V M G | $Q_1$ | B | V | M | G | 25 | 20 | 16 | TBD | -20 … 80 | 37 | 30 | 24 |
| U $Q_1$ E M G | U | $Q_1$ | E | M | G | 25 | 20 | 16 | TBD | -20 … 120 | 37 | 30 | 24 |
| $Q_1$ $Q_1$ E M G | $Q_1$ | $Q_1$ | E | M | G | 12 | 10 | 10 | TBD | -20 … 120 | 18 | 15 | 15 |
| $Q_1$ $Q_1$ V M G | $Q_1$ | $Q_1$ | V | M | G | 12 | 10 | 10 | TBD | -20 … 80 | 18 | 15 | 15 |
| U $Q_1$ V M G | U | $Q_1$ | V | M | G | 25 | 20 | 16 | TBD | -20 … 80 | 37 | 30 | 24 |

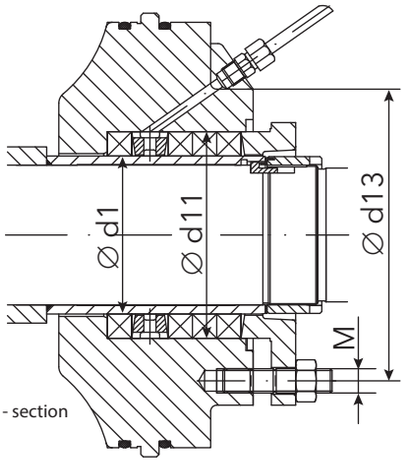
xc_ten-mec_typeH-en_b_tc

Operation limits for water. Different liquids on request

# e-XC SERIES
# MECHANICAL SEAL ARRANGEMENT - API PLAN 11
# PACKING - SEAL ON SLEEVE - SEAL Version P, Q
# CASING MATERIAL: C, D, N, R, T, X - IMPELLER MATERIAL: S, N, R, T, X

## DRY SHAFT DESIGN




part nr 4 - section

XC_DS_MS005_A_DD

| d1 [mm] | 60 | 70 | 80 | 90 | 100 | 110 | 120 | 130 | 150 | 170 | 190 | 200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| d11 [mm] | 92 | 102 | 120 | 130 | 140 | 150 | 160 | 170 | 190 | 215 | 235 | 250 |
| d13 [mm] | 130 | 140 | 170 | 180 | 190 | 205 | 230 | 240 | TBD | TBD | TBD | TBD |
| M | 4xM12 | 4xM12 | 4xM12 | 4xM16 | 4xM16 | 4xM16 | 4xM20 | 4xM20 | TBD | TBD | TBD | TBD |
| PACKING | 16x16 | 16x16 | 20x20 | 20x20 | 20x20 | 20x20 | 20x20 | 20x20 | 20x20 | 22x22 | 22x22 | 25x25 |
| ØD [mm] | 35 | 45 | 55 | 65 | 75 | 85 | 95 | 105 | 120 | 140 | 160 | 170 |

ØD … Pump shaft end diameter

**LEGEND**

1 - Packing gland fasteners (stud and nut)
2 - Threaded bolt (joins gland halves)
3 - Packing gland
4 - Packing
5 - Lantern ring
6 - Stuffing box (with pin and O-rings)
7 - Sleeve nut
8 - Heterotype key (shaft sleeve)
9 - Tab washer (shaft sleeve nut)
10 - Shaft sleeve
11 - O-ring (shaft sleeve)
12 - Impeller hub sleeve
13 - Gasket (impeller hub sleeve)
14 - Shaft

| TYPE | POSITION 1 | 2 | 3 | 4 | 5 | MAX. SEAL OPERATING PRESSURE (bar) | SEAL OPERATING TEMPERATURE ( °C ) | MAXIMUM WORKING PRESSURE / HYDROSTATIC TEST PRESSURE (bar) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | FACE RING | SEAT RING | ELASTOMERS | SPRINGS | OTHER COMPONENTS | DIAMETER (mm) | | | | | | |
| PACKING | | | | | | | | | | | | |
| PACKING | GRAPHITE | | | | | 21 | -10…120 | 10/15 | 16/24 | 25/37,5 | 28/42 | 31/46,5 |

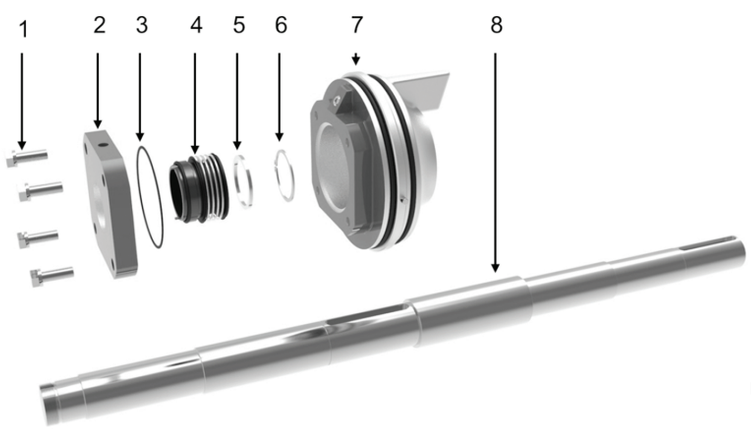
xc_ten-mec_typePQ-en_b_tc

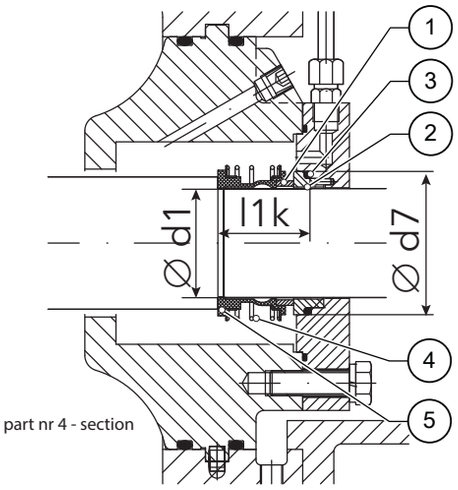
Operation limits for water. Different liquids on request

# e-XC SERIES
# MECHANICAL SEAL ARRANGEMENT - API PLAN 11
# UNBALANCED ELASTOMER BELLOW - SEAL ON SHAFT - SEAL Version B
# CASING MATERIAL: C, D, N, R, T, X - IMPELLER MATERIAL: S, N, R, T, X

Mechanical seal with main dimensions according to EN12756 and ISO3069

## WET SHAFT DESIGN




part nr 4 - section

XC_WS_MS001_A_DD

| d1 [mm] | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 110 |
|---|---|---|---|---|---|---|---|---|
| d7 [mm] | 58 | 70 | 80 | 92 | 105 | 115 | 125 | 140,3 |
| l1k [mm] | 45 | 47,5 | 52,5 | 60 | 60 | 65 | 65 | 67 |
| ØD [mm] | 35 | 45 | 35 | 45 | 55 | 65 | 75 | 85 |

ØD ... Pump shaft end diameter

**LEGEND**

1 - Seal gland fasteners (bolt and washer)
2 - Seal gland
3 - O-ring (seal gland)
4 - Mechanical seal
5 - Shoulder ring (outboard end only)
6 - Impeller snap ring (outboard end only)
7 - Stuffing box (with pin, O-rings, and plug)
8 - Shaft

| POSITION 1 - 2 | POSITION 3 | POSITION 4 - 5 |
|---|---|---|
| **B** : Resin impregnated carbon | **E** : EPDM | **G** : AISI 316 |
| **$Q_7$** : Silicon carbide | **V** : FKM (FPM) | |
| | | |

xc_ten-mecT1-en_a_tm

| TYPE | POSITION 1 | 2 | 3 | 4 | 5 | MAX. SEAL OPERATING PRESSURE (bar) DIAMETER (mm) | | | | SEAL OPERATING TEMPERATURE ( °C ) | HYDROSTATIC TEST PRESSURE (bar) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | FACE RING | SEAT RING | ELASTOMERS | SPRINGS | OTHER COMPONENTS | 40 | 45-50 | 60-70 | 80-110 | | |
| UNBALANCED ELASTOMER BELLOW | | | | | | | | | | | |
| B $Q_7$ E G G | B | Q7 | E | G | G | 15,4 | 13,4 | 10,8 | 5,7 | -20 ... 120 | 25 |
| B $Q_7$ V G G | B | Q7 | V | G | G | 18 | 12 | 12 | 6,7 | -20 ... 80 | 25 |
| $Q_7$ $Q_7$ E G G | Q7 | Q7 | E | G | G | 16 | 12 | 10,8 | 4,4 | -20 ... 120 | 25 |
| $Q_7$ $Q_7$ V G G | Q7 | Q7 | V | G | G | 18 | 16,1 | 12,8 | 6,4 | -20 ... 80 | 25 |

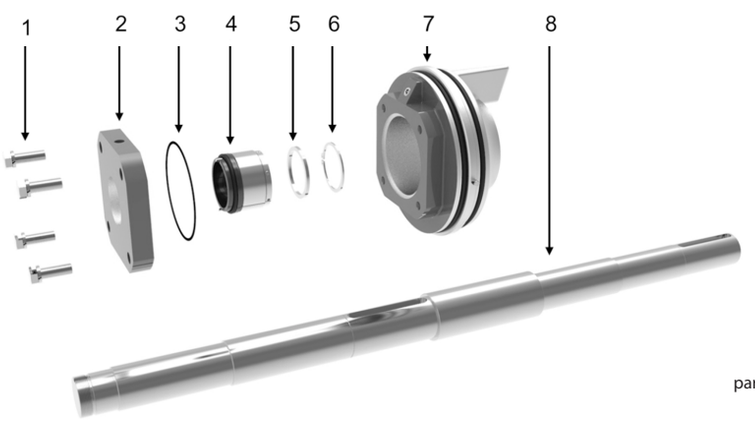
xc_ten-mec_typeB-en_b_tc

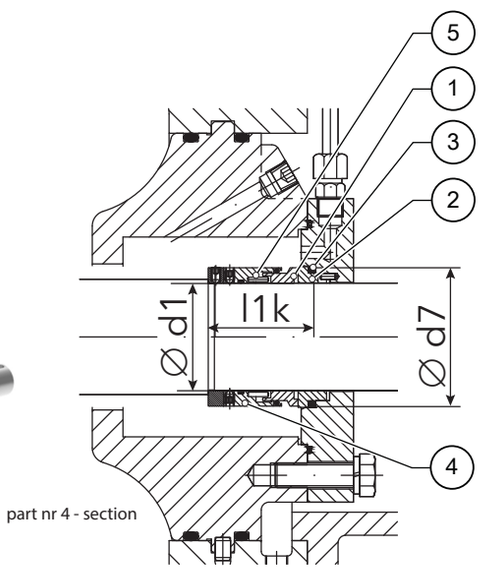
Operation limits for water. Different liquids on request

# e-XC SERIES
# MECHANICAL SEAL ARRANGEMENT - API PLAN 11
# UNBALANCED O-RING PUSHER - SEAL ON SHAFT - SEAL Version D
# CASING MATERIAL: C, D, N, R, T, X - IMPELLER MATERIAL: S, N, R, T, X

Mechanical seal with main dimensions according to EN12756 and ISO3069

## WET SHAFT DESIGN




part nr 4 - section

XC_WS_MS002_A_DD

| d1 [mm] | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 110 | 125 | 145 | 165 | 175 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| d7 [mm] | 58 | 70 | 80 | 92 | 105 | 115 | 125 | 140,3 | 154,3 | 173,3 | 195,3 | 205,3 |
| l1k [mm] | 45 | 47,5 | 52,5 | 60 | 60 | 65 | 65 | 67 | 67 | 67 | 80 | 80 |
| ØD [mm] | 35 | 45 | 55 | 65 | 75 | 85 | 95 | 105 | 120 | 140 | 160 | 170 |

ØD … Pump shaft end diameter

**LEGEND**

1 - Seal gland fasteners (bolt and washer)
2 - Seal gland
3 - O-ring (seal gland)
4 - Mechanical seal
5 - Shoulder ring (outboard end only)
6 - Impeller snap ring (outboard end only)
7 - Stuffing box (with pin, O-rings, and plug)
8 - Shaft

| POSITION 1 - 2 | POSITION 3 | POSITION 4 - 5 |
|---|---|---|
| B : Resin impregnated carbon | E : EPDM | G : AISI 316 |
| $Q_1$ : Silicon carbide | V : FKM (FPM) | |
| | | |

n-mecT2-en_a_tm

| TYPE | POSITION | | | | | MAX. SEAL OPERATING PRESSURE (bar) | | | | SEAL OPERATING TEMPERATURE ( °C ) | HYDROSTATIC TEST PRESSURE (bar) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | DIAMETER (mm) | | | | | | |
| | FACE RING | SEAT RING | ELASTOMERS | SPRINGS | OTHER COMPONENTS | 40 | 45-60 | 70-100 | 110-175 | | Single Spring | Multi Spring Ø<120 (≥120) |
| UNBALANCED O-RING Pusher | | | | | | | | | | | | |
| $Q_1$ B E G G | Q1 | B | E | G | G | 12 | 10 | 8 | 6 | -20 … 110 | 35 | 16(12) |
| $Q_1$ B V G G | Q1 | B | V | G | G | 20 | 16 | 10 | 8 | -20 … 80 | 35 | 16(12) |
| $Q_1$ $Q_1$ E G G | Q1 | Q1 | E | G | G | 10 | 8 | 8 | 8 | -20 … 80 | 35 | 12(12) |
| $Q_1$ $Q_1$ V G G | Q1 | Q1 | V | G | G | 10 | 8 | 8 | 8 | -20 … 80 | 35 | 12(12) |

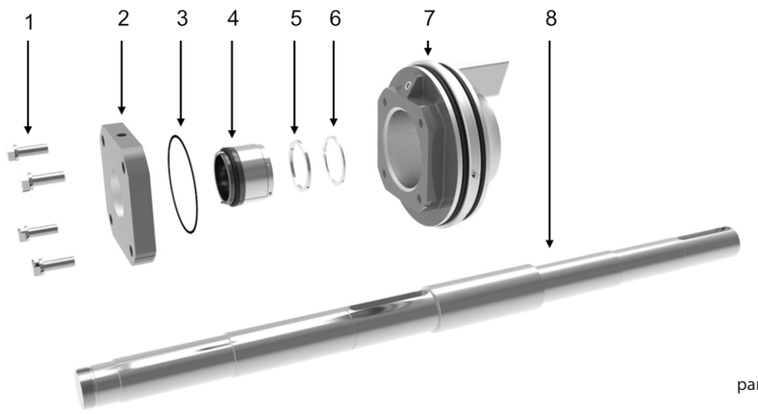
xc_ten-mec_typeD-en_b_tc

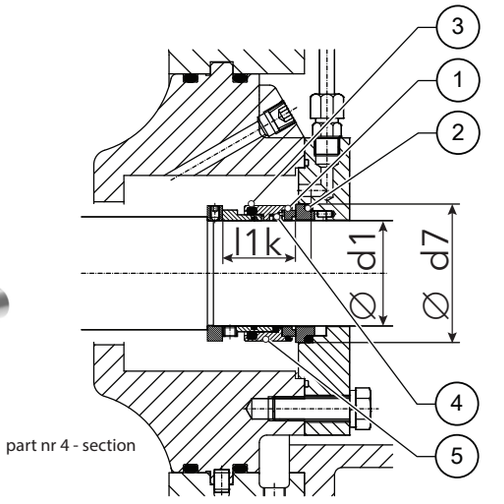
Operation limits for water. Different liquids on request

# e-XC SERIES
# MECHANICAL SEAL ARRANGEMENT - API PLAN 11
# INTERNAL BALANCED O-RING PUSHER - SEAL ON SHAFT - SEAL Version F
# CASING MATERIAL: C, D, N, R, T, X - IMPELLER MATERIAL: S, N, R, T, X

Mechanical seal with main dimensions according to EN12756 and ISO3069

## WET SHAFT DESIGN




part nr 4 - section

XC_WS_MS003_A_DD

| d1 [mm] | 40 | 50 | 60 | 70 | 80 | 90 | 100 |
|---|---|---|---|---|---|---|---|
| d7 [mm] | 58 | 70 | 80 | 92 | 105 | 115 | 125 |
| l1k [mm] | 45 | 47,5 | 52,5 | 60 | 60 | 65 | 65 |
| ØD [mm] | 35 | 45 | 55 | 65 | 75 | 85 | 100 |

ØD … Pump shaft end diameter

**LEGEND**

1 - Seal gland fasteners (bolt and washer)
2 - Seal gland
3 - O-ring (seal gland)
4 - Mechanical seal
5 - Shoulder ring (outboard end only)
6 - Impeller snap ring (outboard end only)
7 - Stuffing box (with pin, O-rings, and plug)
8 - Shaft

| POSITION 1 - 2 | POSITION 3 | POSITION 4 - 5 |
|---|---|---|
| B : Resin impregnated carbon | E : EPDM | G : AISI 316 |
| $Q_7$ : Silicon carbide | V : FKM (FPM) | |
| | | |

xc_ten-mecT1-en_a_tm

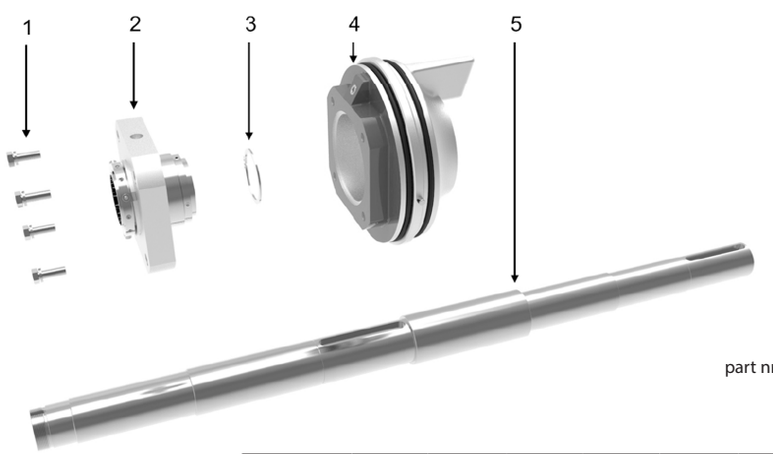
| TYPE | POSITION | | | | | MAX. SEAL OPERATING PRESSURE (bar) DIAMETER (mm) | | SEAL OPERATING TEMPERATURE (°C) | HYDROSTATIC TEST PRESSURE (bar) | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | | | | | |
| | FACE RING | SEAT RING | ELASTOMERS | SPRINGS | OTHER COMPONENTS | 40-50 | 60-100 | | 40-50 | 60-100 |
| INTERNAL BALANCED O-RING PUSHER | | | | | | | | | | |
| B $Q_7$ E G G | B | $Q_7$ | E | G | G | 25 | 16 | -20 … 120 | 37 | 30 |
| B $Q_7$ V G G | B | $Q_7$ | V | G | G | 30 | 20 | -20 … 80 | 37 | 30 |
| $Q_7$ $Q_7$ E G G | $Q_7$ | $Q_7$ | E | G | G | 25 | 20 | -20 … 120 | 37 | 30 |
| $Q_7$ $Q_7$ V G G | $Q_7$ | $Q_7$ | V | G | G | 40 | 25 | -20 … 80 | 37 | 30 |

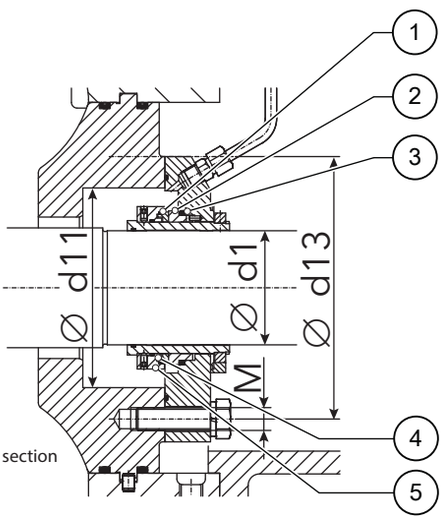
xc_ten-mec_typeF-en_b_tc

Operation limits for water. Different liquids on request

# e-XC SERIES
# MECHANICAL SEAL ARRANGEMENT - API PLAN 11
# CARTRIDGE - SEAL ON SHAFT - SEAL Version G
# CASING MATERIAL: C, D, N, R, T, X - IMPELLER MATERIAL: S, N, R, T, X

## WET SHAFT DESIGN




part nr 2 - section

XC_WS_MS004_A_DD

| d1 [mm] | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 110 | 125 | 145 | 165 | 175 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| d11 [mm] | 92 | 102 | 120 | 130 | 140 | 150 | 160 | 170 | 190 | 215 | 235 | 250 |
| d13 [mm] | 130 | 140 | 170 | 180 | 190 | 205 | 230 | 240 | TBD | TBD | TBD | TBD |
| M [mm] | 4xM12 | 4xM12 | 4xM12 | 4xM16 | 4xM16 | 4xM16 | 4xM20 | 4xM20 | TBD | TBD | TBD | TBD |
| Ø [mm] | 35 | 45 | 55 | 65 | 75 | 85 | 95 | 105 | 120 | 140 | 160 | 170 |

ØD … Pump shaft end diameter

**LEGEND**

1 - Seal gland fasteners (bolt and washer)
2 - Cartridge seal
3 - Impeller snap ring (outboard end only)
4 - Stuffing box (with pin, O-rings, and plug)
5 - Shaft

| POSITION 1 - 2 | POSITION 3 | POSITION 4 - 5 |
|---|---|---|
| B : Resin impregnated carbon | E : EPDM | G : AISI 316 |
| $Q_1$ : Silicon carbide | V : FKM (FPM) | M : Nickel alloy |
| U : Tungsten Carbide | | |

xc_ten-mecT3-en_a_tm

| TYPE | POSITION 1 | 2 | 3 | 4 | 5 | MAX. SEAL OPERATING PRESSURE (bar) DIAMETER (mm) | | | SEAL OPERATING TEMPERATURE (°C) | HYDROSTATIC TEST PRESSURE (bar) | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | FACE RING | SEAT RING | ELASTOMERS | SPRINGS | OTHER COMPONENTS | 40-100 | 110-150 | 155-175 | | 40-100 | 110-150 | 155-175 |
| INTERNAL BALANCED O-RING PUSHER | | | | | | | | | | | | |
| $Q_1$ B E M G | $Q_1$ | B | E | M | G | 25 | 20 | 16 | -20 … 120 | 37 | 30 | 24 |
| $Q_1$ B V M G | $Q_1$ | B | V | M | G | 25 | 20 | 16 | -20 … 80 | 37 | 30 | 24 |
| U $Q_1$ E M G | U | $Q_1$ | E | M | G | 25 | 20 | 16 | -20 … 120 | 37 | 30 | 24 |
| $Q_1$ $Q_1$ E M G | $Q_1$ | $Q_1$ | E | M | G | 12 | 10 | 10 | -20 … 120 | 18 | 15 | 15 |
| $Q_1$ $Q_1$ V M G | $Q_1$ | $Q_1$ | V | M | G | 12 | 10 | 10 | -20 … 80 | 18 | 15 | 15 |
| U $Q_1$ V M G | U | $Q_1$ | V | M | G | 25 | 20 | 16 | -20 … 80 | 37 | 30 | 24 |

xc_ten-mec_typeG-en_b_tc

Operation limits for water. Different liquids on request

# e-XC SERIES
# BEARING FRAME GREASE LUBRICATION

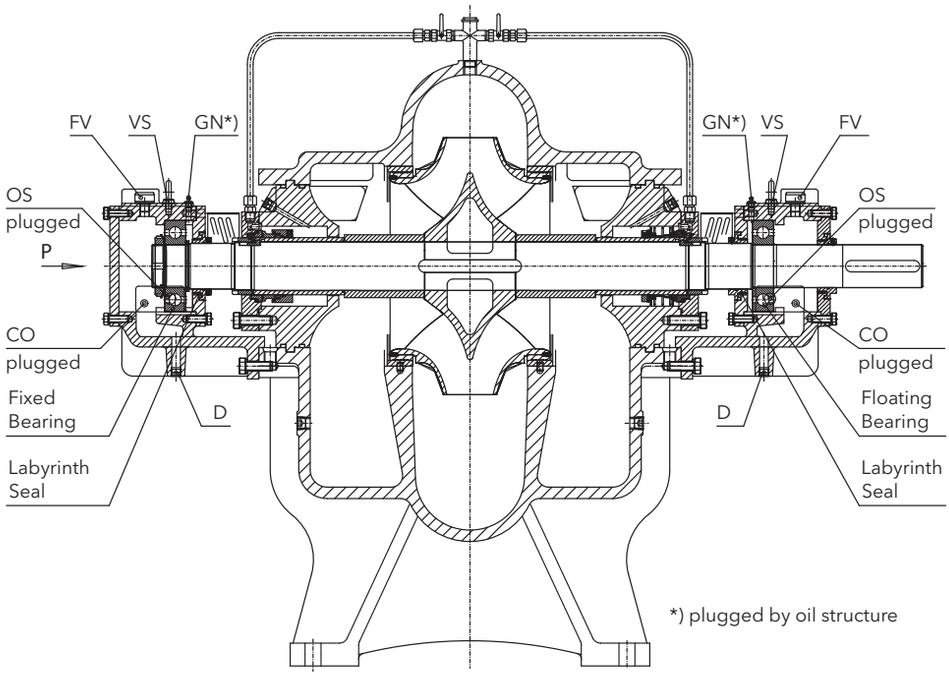
## LUBRICATION

STANDARD DESIGN: grease lubrication, regreaseable by grease nipple, labyrinth seals by bearing frame.
OPTIONAL DESIGN: oil lubrication, constant oiler.

## SENSOR CONNECTIONS

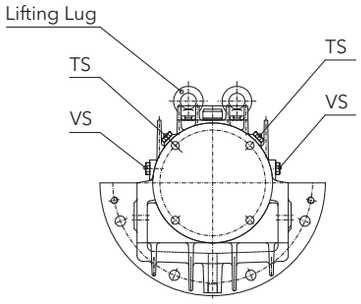
STANDARD DESIGN: plugged connections for vibration and temperature sensors. Three vibration connections per baring frame. One temperature connection per bearing frame.

STANDARD STRUCTURE GREASE, REGREASEABLE

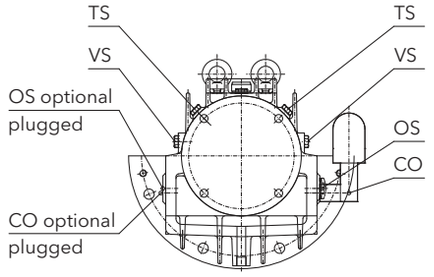



LUBRICATION METHODS (VIEW P)

Standard Structure Grease

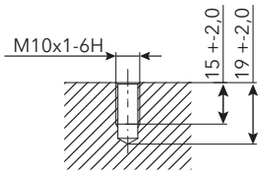



Optional Structure Oil

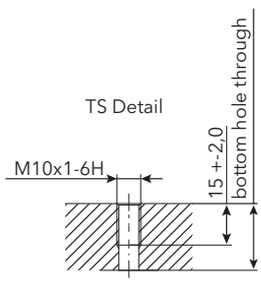



| | | |
|---|---|---|
| D | Drain Plug | Rp 3/8 |
| FV | Fill/Vent Cup | Rp 3/8 |
| GN | Grease Nipple | M10x1 |
| TS | Temperature Sensor | M10x1 |
| VS | Vibration Sensor | M10x1 |
| CO | Constant Level | Rp 1/4 optional |
| OS | Oil Sight Glass | Rp 1/2 optional |

VS Detail




TS Detail




eXC_grease-en_b

LOWARA
a xylem brand

## e-XC SERIES
## MOTORS (ErP 2009/125/EC)

- Short-circuit squirrel-cage motor, enclosed design with external fan cooling (TEFC)
- **Rated power:**
  from 4 to 400 kW 2-pole
  from 2,2 to 2000 kW 4-pole
  from 1,1 to 2000 kW 6-pole
  from 110 to 2000 kW 8-pole
- **IP55** protection degree
- Insulation class **155 (F)**
- **Standard three-phase surface motors with IE3 efficiency level for power 0,75 kW ≤ *P* ≤55 kW and power > 200 kW and IE4 efficiency level for power 75 kW ≤ *P* ≤ 200 kW as standard according to EN 60034-30:2009 and EN 60034- 30-1:2014.**
- Electrical performances according to EN 60034-1
- Metric cable gland according to EN 50262
- **Standard voltage**
  **Three-phase version:**
  220-240/380-415 V 50 Hz for power up to 3 kW.
  380-415/660-690 V 50 Hz for power above 3 kW.
  Overload protection to be provided by the user.
- **PTC included** in motors from IEC size 200 and above (one per phase, 155°C)
- Inverter ready available
- Maximum 3-phase ambient temperature: 40°C or 50°C (depending on model and power)

In accordance with the **Regulations (EU) 2019/1781** and **2021/341**, the three-phase 50 Hz, 60 Hz or 50/60 Hz **surface motors** with **power outputs ranging:**
- **from 0,12 to 0,749 kW** must have a minimum level **IE2 efficiency**
- **from 0,75 to 55 kW and above 200 kW** must have a minimum level of **IE3 efficiency**
- **from 75 to 200 kW** must have a minimum level of **IE4 efficiency**.

The following tables also contain the mandatory information pursuant to Annex I, section 2, of the aforementioned Regulations.

LOWARA
a xylem brand

# e-XC SERIES
# THREE-PHASE MOTORS AT 50 Hz, 2 POLES

| $P_N$ kW | Manufacturer: Xylem Service Italia Srl, Reg. No. 07520560967, Montecchio Maggiore Vicenza - Italia — Model | IEC SIZE* | Construction Design | N. of Poles | $f_N$ Hz | Data for 400 V / 50 Hz Voltage: cosφ | Is / $I_N$ | $T_N$ Nm | Ts/$T_N$ | Tm/Tn |
|---|---|---|---|---|---|---|---|---|---|---|
| 7,5 | PLM132B5/375 E3 | 132S | B3 | 2 | 50 | 0,85 | 10,2 | 24,4 | 3,43 | 4,76 |
| 11 | PLM160B35/3110 E3 | 160M | | | | 0,88 | 8,59 | 35,60 | 2,36 | 4,14 |
| 15 | PLM160B35/3150 E3 | 160M | | | | 0,88 | 9,51 | 48,60 | 2,73 | 4,32 |
| 18,5 | PLM160B35/3185 E3 | 160L | | | | 0,88 | 9,81 | 59,90 | 2,81 | 4,53 |
| 22 | PLM180RB35/3220 E3 | 180M | | | | 0,85 | 10,90 | 71,09 | 3,26 | 5,12 |

| $P_N$ kW | Manufacturer: OMEGA MOTOR SANAYI A.S., Dudullu Organize Sanayi Bölgesi, 2. Cadde No: 10 34775 Ümraniye, ISTANBUL/TURKEY Reg. No. 913733 — Model | IEC SIZE* | Construction Design | N. of Poles | $f_N$ Hz | Data for 400 V / 50 Hz Voltage: cosφ | Is / $I_N$ | $T_N$ Nm | Ts/$T_N$ | Tm/Tn |
|---|---|---|---|---|---|---|---|---|---|---|
| 30 | 3MAS 200LA2 B3 30KW E3 | 200L | B3 | 2 | 50 | 0,88 | 7,8 | 97 | 2,6 | 3,1 |
| 37 | 3MAS 200LB2 B3 37KW | 200L | | | | 0,89 | 8,0 | 119 | 2,9 | 3,2 |
| 45 | 3MAS 225M2 B3 45KW E3 | 225M | | | | 0,91 | 8,2 | 145 | 2,7 | 3,3 |
| 55 | 3MGS 250M2 B3 55KW E3 | 250M | | | | 0,91 | 7,6 | 177 | 2,5 | 3,0 |
| 75 | 3MGS 280S2 B3 75KW E4 | 280S | | | | 0,88 | 8,6 | 240 | 2,6 | 3,4 |
| 90 | 3MGS 280M2 B3 90KW E4 | 280M | | | | 0,89 | 8,4 | 288 | 2,7 | 3,4 |
| 110 | 3MGS 315S2 B3 110KW E4 | 315S | | | | 0,90 | 8,1 | 356 | 2,4 | 3,6 |
| 132 | 3MGS 315MA2 B3 132KW E4 | 315M | | | | 0,91 | 8,5 | 422 | 2,2 | 3,7 |
| 160 | 3MGS 315MB2 B3 160KW E4 | 315M | | | | 0,91 | 8,0 | 512 | 2,5 | 3,5 |
| 200 | 3MGS 315MD2 B3 200KW E4 | 315M | | | | 0,92 | 7,4 | 640 | 2,3 | 3,3 |
| 250 | 3MGS 355MD2 B3 250KW E3 | 355M | | | | 0,92 | 7,8 | 802 | 2,7 | 2,9 |
| 315 | 3MGS 355MD2 B3 315KW E3 | 355M | | | | 0,91 | 7,7 | 1009 | 2,6 | 2,7 |
| 400 | 3MGS 355LA B3 400KW E3 | 355LA | | | | 0,91 | 8,2 | 1281 | 2,7 | 2,9 |

| $P_N$ kW | Voltage $U_N$ V: Δ 220 V | Δ 230 V | Δ 240 V | Y 380 V | Y 400 V | Y 415 V | Δ 380 V | Δ 400 V | Δ 415 V | Y 660 V | Y 690 V — $I_N$ (A) | $n_N$ $min^{-1}$ | Operating conditions **: Altitude Above Sea Level (m) | T. amb min/max °C | ATEX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7,5 | 24,8 | 24,4 | 24,3 | 14,3 | 14,4 | 14,0 | 14,4 | 14,1 | 14,2 | 8,32 | 8,16 | 2920 ÷ 2935 | ≤ 1000 | -15 / 50 | NO |
| 11 | 35,0 | 33,9 | 33,0 | 20,2 | 19,6 | 19,1 | 20,4 | 19,6 | 19,2 | 11,8 | 11,3 | 2935 ÷ 2950 | | | |
| 15 | 47,6 | 46,1 | 45,2 | 27,5 | 26,6 | 26,1 | 27,5 | 26,6 | 26,1 | 15,9 | 15,3 | 2940 ÷ 2950 | | | |
| 18,5 | 58,3 | 56,7 | 55,6 | 33,7 | 32,7 | 32,1 | 34,0 | 33,0 | 32,7 | 19,6 | 19,0 | 2940 ÷ 2950 | | | |
| 22 | 72,9 | 73,1 | 73,7 | 42,1 | 42,2 | 42,6 | 40,9 | 40,4 | 40,6 | 23,6 | 23,3 | 2950 ÷ 2960 | | | |
| 30 | - | - | - | 54,9 | 52,7 | 50,4 | 56,2 | 54,5 | 54,6 | 31,7 | 30,2 | 2950 | | -20 / 50 | |
| 37 | - | - | - | 67,6 | 64,0 | 61,8 | 69,0 | 67,8 | 67,0 | 39,0 | 36,7 | 2950 | | | |
| 45 | - | - | - | 79,8 | 75,9 | 72,6 | 80,8 | 77,5 | 75,4 | 46,0 | 44,5 | 2950 | | | |
| 55 | - | - | - | 97,3 | 92,5 | 88,3 | 101,0 | 96,7 | 94,3 | 56,2 | 54,2 | 2950 | | | |
| 75 | - | - | - | - | - | - | 135,0 | 129,0 | 124,0 | - | - | 2985 | | | |
| 90 | - | - | - | - | - | - | 160,0 | 152,0 | 146,0 | - | - | 2985 | | | |
| 110 | - | - | - | - | - | - | 195,0 | 185,0 | 179,0 | - | - | 2990 | | | |
| 132 | - | - | - | - | - | - | 230,0 | 218,0 | 210,0 | - | - | 2990 | | | |
| 160 | - | - | - | - | - | - | 276,0 | 262,0 | 253,0 | - | - | 2985 | | | |
| 200 | - | - | - | - | - | - | 342,0 | 324,0 | 313,0 | - | - | 2985 | | | |
| 250 | - | - | - | - | - | - | 430,0 | 413,0 | 398,0 | 248,3 | 238,4 | 2950 | | | |
| 315 | - | - | - | - | - | - | 548,0 | 520,0 | 503,0 | 316,4 | 300,2 | 2950 | | | |
| 400 | - | - | - | - | - | - | 694,0 | 658,0 | 634,0 | 400,7 | 379,9 | 2950 | | | |

| $P_N$ kW | Efficiency $\eta_N$ % — Δ 220 V / Y 380 V: 4/4 | 3/4 | 2/4 | Δ 230 V / Y 400 V: 4/4 | 3/4 | 2/4 | Δ 240 V / Y 415 V: 4/4 | 3/4 | 2/4 | Δ 380 V / Y 660 V: 4/4 | 3/4 | 2/4 | Δ 400 V / Y 690 V: 4/4 | 3/4 | 2/4 | Δ 415 V: 4/4 | 3/4 | 2/4 | IE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7,5 | 90,6 | 90,5 | 89,0 | 90,6 | 90,5 | 89,0 | 90,6 | 90,5 | 89,0 | 90,6 | 91,0 | 90,2 | 90,8 | 90,8 | 89,6 | 90,7 | 90,5 | 89,0 | 3 |
| 11 | 91,8 | 92,3 | 91,5 | 91,8 | 92,3 | 91,5 | 91,8 | 92,3 | 91,5 | 91,8 | 92,3 | 91,9 | 92,2 | 92,5 | 91,8 | 92,3 | 92,4 | 91,5 | |
| 15 | 92,5 | 92,4 | 91,2 | 92,5 | 92,4 | 91,2 | 92,5 | 92,4 | 91,2 | 92,7 | 93,3 | 92,9 | 93,1 | 93,3 | 92,7 | 92,5 | 92,4 | 91,2 | |
| 18,5 | 92,6 | 93,1 | 92,4 | 92,6 | 93,1 | 92,4 | 92,6 | 93,1 | 92,4 | 92,6 | 93,2 | 93,0 | 92,9 | 93,3 | 92,8 | 92,9 | 93,1 | 92,4 | |
| 22 | 93,0 | 92,7 | 91,3 | 93,0 | 92,7 | 91,3 | 93,0 | 92,7 | 91,3 | 93,0 | 93,2 | 92,4 | 93,1 | 93,0 | 91,9 | 93,0 | 92,7 | 91,3 | |
| 30 | - | - | - | - | - | - | - | - | - | 92,4 | 92,9 | 92,6 | 92,7 | 93,2 | 93,0 | 92,8 | 93,2 | 93,1 | |
| 37 | - | - | - | - | - | - | - | - | - | 93,1 | 93,3 | 93,2 | 93,3 | 93,5 | 93,4 | 93,5 | 93,7 | 93,6 | |
| 45 | - | - | - | - | - | - | - | - | - | 93,4 | 93,8 | 93,5 | 93,7 | 94,1 | 93,8 | 94,0 | 94,4 | 94,1 | |
| 55 | - | - | - | - | - | - | - | - | - | 93,8 | 94,0 | 93,4 | 94,0 | 94,2 | 93,6 | 94,2 | 94,4 | 93,8 | |
| 75 | - | - | - | - | - | - | - | - | - | 95,6 | 95,7 | 95,0 | 95,6 | 95,7 | 95,0 | 95,6 | 95,7 | 95,0 | 4 |
| 90 | - | - | - | - | - | - | - | - | - | 95,8 | 95,7 | 95,1 | 95,8 | 95,7 | 95,1 | 95,6 | 95,7 | 95,0 | |
| 110 | - | - | - | - | - | - | - | - | - | 96,0 | 95,9 | 95,0 | 96,0 | 95,9 | 95,0 | 96,0 | 95,9 | 95,0 | |
| 132 | - | - | - | - | - | - | - | - | - | 96,2 | 96,1 | 95,6 | 96,2 | 96,1 | 95,6 | 96,2 | 96,1 | 95,6 | |
| 160 | - | - | - | - | - | - | - | - | - | 96,3 | 96,5 | 96,0 | 96,3 | 96,5 | 96,0 | 96,3 | 96,5 | 96,0 | |
| 200 | - | - | - | - | - | - | - | - | - | 96,5 | 96,7 | 96,3 | 96,5 | 96,7 | 96,3 | 96,5 | 96,7 | 96,3 | |
| 250 | - | - | - | - | - | - | - | - | - | 95,8 | 95,9 | 95,6 | 95,8 | 95,9 | 95,6 | 95,8 | 95,9 | 95,6 | 3 |
| 315 | - | - | - | - | - | - | - | - | - | - | - | - | 95,8 | 95,8 | 95,4 | - | - | - | |
| 400 | - | - | - | - | - | - | - | - | - | - | - | - | 95,8 | 95,6 | 95,3 | - | - | - | |

* R = Motor casing size reduced compared to the shaft protrusion and relative flange.

** Operating conditions to be referred to motor only. About electric pump, refer to limits in user's manual.

LOWARA
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# e-XC SERIES
# THREE-PHASE MOTORS AT 50 Hz, 4 POLES (up to 90 kW)

| $P_N$ kW | Manufacturer: Xylem Service Italia Srl, Reg. No. 07520560967, Montecchio Maggiore Vicenza - Italia — Model | IEC SIZE | Construction Design | N. of Poles | $f_N$ Hz | Data for 400 V / 50 Hz Voltage: cosφ | Is / $I_N$ | $T_N$ Nm | Ts/$T_N$ | Tm/Tn |
|---|---|---|---|---|---|---|---|---|---|---|
| 2,2 | PLM4100B5/322 E3 | 100L | B3 | 4 | 50 | 0,78 | 7,47 | 14,5 | 2,38 | 3,69 |
| 3 | PLM4100B5/330 E3 | 100L | | | | 0,74 | 7,75 | 19,7 | 2,48 | 4,21 |
| 4 | PLM4112B5/340 E3 | 112M | | | | 0,79 | 8,32 | 26,3 | 3,19 | 4,02 |
| 5,5 | PLM4132B5/355 E3 | 132S | | | | 0,76 | 7,64 | 35,9 | 2,85 | 3,65 |
| 7,5 | PLM4132B5/375 E3 | 132M | | | | 0,79 | 7,70 | 49,1 | 2,69 | 3,57 |
| 11 | PLM4160B35/3110 E3 | 160M | | | | 0,81 | 7,19 | 71,5 | 2,45 | 3,26 |
| 15 | PLM4160B35/3150 E3 | 160L | | | | 0,77 | 8,23 | 97,2 | 2,97 | 3,99 |

| $P_N$ kW | Manufacturer: OMEGA MOTOR SANAYI A.S., Dudullu Organize Sanayi Bölgesi, 2. Cadde No: 10 34775 Ümraniye, ISTANBUL/TURKEY Reg. No. 913733 — Model | Grandezza IEC | Construction Design | N. of Poles | $f_N$ Hz | Data for 400 V / 50 Hz Voltage: cosφ | Is / $I_N$ | $T_N$ Nm | Ts/$T_N$ | Tm/Tn |
|---|---|---|---|---|---|---|---|---|---|---|
| 18,5 | 3MAS 180M4 B3 18.5kW E3 | 180M | B3 | 4 | 50 | 0,81 | 7,1 | 119,6 | 2,8 | 3,1 |
| 22 | 3MAS 180L4 B3 22kW E3 | 180L | | | | 0,81 | 7,2 | 142,8 | 2,6 | 3,2 |
| 30 | 3MAS 200L4 B3 30kW E3 | 200L | | | | 0,87 | 7,5 | 194,3 | 2,6 | 3,1 |
| 37 | 3MAS 225S4 B3 37kW E3 | 225S | | | | 0,86 | 7,5 | 238,2 | 2,6 | 3,1 |
| 45 | 3MAS 225M4 B3 45kW E3 | 225M | | | | 0,85 | 7,6 | 289,5 | 2,7 | 3,1 |
| 55 | 3MGS 250M4 B3 55kW E3 | 250M | | | | 0,86 | 7,5 | 353,5 | 2,8 | 3,0 |
| 75 | 3MGS 280S4 B3 75kW E4 | 280S | | | | 0,84 | 8,5 | 481,0 | 3,2 | 3,2 |
| 90 | 3MGS 280M4 B3 90kW E4 | 280M | | | | 0,86 | 8,1 | 577,0 | 2,5 | 3,0 |

| $P_N$ kW | Voltage $U_N$ V: Δ 220 V | Δ 230 V | Δ 240 V | Y 380 V | Y 400 V | Y 415 V | Δ 380 V | Δ 400 V | Δ 415 V | Y 660 V | Y 690 V | $n_N$ $min^{-1}$ | Operating conditions **: Altitude Above Sea Level (m) | T. amb min/max °C | ATEX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | $I_N$ (A) | | | | | | | | | | | | | | |
| 2,2 | 8,2 | 8,0 | 8,0 | 4,7 | 4,6 | 4,6 | 4,7 | 4,6 | 4,6 | 2,7 | 2,7 | 1450 | ≤ 1000 | -15 / 50 | NO |
| 3 | 11,5 | 11,5 | 11,5 | 6,7 | 6,6 | 6,7 | 6,6 | 6,6 | 6,6 | 3,8 | 3,8 | 1450 | | | |
| 4 | 14,8 | 14,6 | 14,5 | 8,5 | 8,4 | 8,4 | 8,4 | 8,2 | 8,2 | 4,9 | 4,8 | 1450 | | | |
| 5,5 | 20,0 | 19,7 | 19,4 | 11,6 | 11,4 | 11,2 | 11,7 | 11,5 | 11,4 | 6,8 | 6,6 | 1450 | | | |
| 7,5 | 26,6 | 26,1 | 25,8 | 15,4 | 15,1 | 14,9 | 15,5 | 15,2 | 15,1 | 9,0 | 8,8 | 1450 | | | |
| 11 | 38,3 | 37,3 | 37,5 | 22,1 | 21,8 | 21,7 | 21,9 | 21,4 | 21,3 | 12,6 | 12,3 | 1450 | | | |
| 15 | 51,8 | 52,0 | 52,7 | 29,9 | 30,0 | 30,4 | 30,5 | 30,7 | 31,4 | 17,6 | 17,7 | 1450 | | | |
| 18,5 | 64,0 | - | - | 37,1 | - | - | 37,2 | 35,6 | 35 | 21,5 | 20,9 | 1450 | | -20 / 50 | |
| 22 | 73,4 | - | - | 42,5 | - | - | 44 | 42,2 | 41 | 25,4 | 24,1 | 1450 | | | |
| 30 | 95,1 | - | - | 55,0 | - | - | 55,8 | 53,2 | 51 | 32,2 | 30,8 | 1450 | | | |
| 37 | - | - | - | 70,0 | - | - | 68,9 | 66,1 | 63,8 | 39,8 | 38,3 | 1450 | | | |
| 45 | - | - | - | 81,8 | - | - | 85,1 | 81,1 | 78,3 | 49,1 | 46,5 | 1450 | | | |
| 55 | - | - | - | 99,5 | - | - | 101,9 | 97,6 | 94,6 | 58,8 | 56,6 | 1450 | | | |
| 75 | - | - | - | - | - | - | 141,0 | 134,0 | 129,0 | 81,3 | 77,7 | 1490 | | | |
| 90 | - | - | - | - | - | - | 165,0 | 157,0 | 151,0 | 95,2 | 91,0 | 1490 | | | |

| $P_N$ kW | Efficiency $\eta_N$ % — Δ 220 V Y 380 V: 4/4 | 3/4 | 2/4 | Δ 230 V Y 400 V: 4/4 | 3/4 | 2/4 | Δ 240 V Y 415 V: 4/4 | 3/4 | 2/4 | Δ 380 V Y 660 V: 4/4 | 3/4 | 2/4 | Δ 400 V Y 690 V: 4/4 | 3/4 | 2/4 | Δ 415 V: 4/4 | 3/4 | 2/4 | IE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2,2 | 87,6 | 88,6 | 88,3 | 88,2 | 88,8 | 87,9 | 88,5 | 88,7 | 87,4 | 87,6 | 88,6 | 87,4 | 87,6 | 88,6 | 87,4 | 87,6 | 88,6 | 87,4 | 3 |
| 3 | 88,5 | 89,2 | 88,5 | 88,6 | 88,9 | 87,6 | 88,6 | 88,6 | 86,8 | 88,5 | 88,6 | 86,8 | 88,5 | 88,6 | 86,8 | 88,5 | 88,6 | 86,8 | |
| 4 | 88,6 | 89,1 | 87,9 | 88,6 | 89,1 | 87,9 | 88,6 | 89,1 | 87,9 | 88,6 | 89,2 | 88,9 | 88,6 | 89,2 | 88,4 | 88,8 | 89,1 | 87,9 | |
| 5,5 | 90,4 | 90,9 | 89,7 | 90,4 | 90,9 | 89,7 | 90,4 | 90,9 | 89,7 | 90,4 | 91,0 | 90,5 | 90,9 | 91,1 | 90,2 | 90,9 | 90,9 | 89,7 | |
| 7,5 | 90,4 | 91,2 | 90,4 | 90,4 | 91,2 | 90,4 | 90,4 | 91,2 | 90,4 | 90,4 | 91,2 | 91,1 | 90,7 | 91,3 | 90,8 | 90,9 | 91,2 | 90,4 | |
| 11 | 91,5 | 92,2 | 91,4 | 91,5 | 92,2 | 91,4 | 91,5 | 92,2 | 91,4 | 91,5 | 92,4 | 92,4 | 91,9 | 92,5 | 92,0 | 91,9 | 92,2 | 91,4 | |
| 15 | 92,2 | 92,2 | 90,8 | 92,2 | 92,2 | 90,8 | 92,2 | 92,2 | 90,8 | 92,5 | 93,0 | 92,7 | 92,5 | 92,7 | 91,8 | 92,2 | 92,2 | 90,8 | |
| 18,5 | - | - | - | - | - | - | - | - | - | 92,4 | 92,8 | 92,5 | 92,6 | 93,0 | 92,7 | 92,9 | 93,3 | 93,0 | |
| 22 | - | - | - | - | - | - | - | - | - | 92,8 | 93,3 | 93,1 | 93,0 | 93,5 | 93,3 | 93,3 | 93,8 | 93,6 | |
| 30 | - | - | - | - | - | - | - | - | - | 93,4 | 94,0 | 94,1 | 93,6 | 94,2 | 94,3 | 94,0 | 94,6 | 94,7 | |
| 37 | - | - | - | - | - | - | - | - | - | 93,7 | 94,2 | 94,0 | 93,9 | 94,4 | 94,2 | 94,1 | 94,6 | 94,4 | |
| 45 | - | - | - | - | - | - | - | - | - | 94,0 | 94,5 | 94,2 | 94,2 | 94,7 | 94,4 | 94,4 | 94,9 | 94,6 | |
| 55 | - | - | - | - | - | - | - | - | - | 94,5 | 94,9 | 94,7 | 94,6 | 95,0 | 94,8 | 94,7 | 95,1 | 94,9 | |
| 75 | - | - | - | - | - | - | - | - | - | 96,0 | 95,9 | 95,2 | 96,0 | 95,9 | 95,2 | 96,0 | 95,9 | 95,2 | |
| 90 | - | - | - | - | - | - | - | - | - | 96,1 | 96,2 | 95,7 | 96,1 | 96,1 | 96,2 | 96,1 | 96,2 | 95,7 | |

** Operating conditions to be referred to motor only. About electric pump, refer to limits in user's manual.

EXC-mott90-4p50-en_b_te

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# e-XC SERIES
# THREE-PHASE MOTORS AT 50 Hz, 4 POLES (from 110 to 1250 kW)

| $P_N$ kW | Manufacturer: OMEGA MOTOR SANAYI A.S. Dudullu Organize Sanayi Bölgesi 2. Cadde No: 10 34775 Ümraniye ISTANBUL/TURKEY Reg. No. 913733 — Model | IEC SIZE | Construction Design | N. of Poles | $f_N$ Hz | Data for 400 V / 50 Hz Voltage: cosφ | Is / $I_N$ | $T_N$ Nm | $T_s/T_N$ | $T_m/T_n$ |
|---|---|---|---|---|---|---|---|---|---|---|
| 110 | 3MGS 315S4 B3 110kW E4 | 315S | B3 | 4 | 50 | 0,88 | 8,1 | 844 | 2,8 | 3,2 |
| 132 | 3MGS 315MA4 B3 132kW E4 | 315M | | | | 0,85 | 9,3 | 1028 | 3,1 | 3,8 |
| 160 | 3MGS 315M B3 160kW E4 | 315M | | | | 0,85 | 9,3 | 1028 | 3,1 | 3,8 |
| 200 | 3MGS 315M B3 200kW E4 | 315M | | | | 0,88 | 8,3 | 1302 | 2,6 | 3,5 |
| 250 | 3MGS 355M B3 250kW E3 | 355M | | | | 0,86 | 8 | 1602 | 2,7 | 2,6 |
| 315 | 3MGS 355M B3 315kW E3 | 355M | | | | 0,86 | 7,3 | 2019 | 2,3 | 2,4 |
| 355 | 3MGS 355M B3 355kW E3 | 355M | | | | 0,86 | 7,2 | 2275 | 2,4 | 2,5 |
| 400 | 3MGS 355LA B3 400kW E3 | 355LA | | | | 0,85 | 7,3 | 2564 | 2,3 | 2,8 |
| 450 | 3MGS 355LB B3 450kW E3 | 355LB | | | | 0,85 | 7,5 | 2884 | 2,3 | 2,7 |
| 500 | 3MGS 355LC B3 500kW E3 | 355LC | | | | 0,85 | 7,2 | 3205 | 2,2 | 2,7 |

| $P_N$ kW | Manufacturer: WEG Equipementos Eletricos S.A. Reg. No. 07.175.725/0010-50 Jaragua do Sul - SC (Brazil) — Model | IEC SIZE | Construction Design | N. of Poles | $f_N$ Hz | Data for 400 V / 50 Hz Voltage: cosφ | Is / $I_N$ | $T_N$ Nm | $T_s/T_N$ | $T_m/T_n$ |
|---|---|---|---|---|---|---|---|---|---|---|
| 560 | W50 400JH B3 560KW | 400JH | B3 | 4 | 50 | 0,86 | 7,00 | 3591 | 1,7 | 2,2 |
| 630 | W50 400JH B3 630KW | 400JH | | | | 0,86 | 7,00 | 4035 | 1,9 | 2,3 |
| 710 | W50 450LK B3 710KW | 450LK | | | | 0,86 | 7,00 | 4547 | 0,7 | 2,4 |
| 900 | HGF 450HGF B3 900KW | 450HGF | | | | - | - | - | - | - |
| 1000 | HGF 450HGF B3 1000KW | 450HGF | | | | - | - | - | - | - |
| 1100 | HGF2 450HGF B3 1100KW | 450HGF | | | | - | - | - | - | - |
| 1250 | HGF 500HGF B3 1250KW | 500HGF | | | | - | - | - | - | - |

| $P_N$ kW | Voltage $U_N$ V: Δ 220 V | Δ 230 V | Δ 240 V | Y 380 V | Y 400 V | Y 415 V | Δ 380 V | Δ 400 V | Δ 415 V | Y 660 V | Y 690 V | $n_N$ $min^{-1}$ | Operating conditions **: Altitude Above Sea Level (m) | T. amb min/max °C | ATEX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | $I_N$ (A) | | | | | | | | | | | | | | |
| 110 | - | - | - | - | - | - | 203,0 | 228,0 | 220,0 | - | - | 1490 | ≤ 1000 | -20 / 50 | No |
| 132 | - | - | - | - | - | - | 240,0 | 280,0 | 220,0 | - | - | 1490 | | | |
| 160 | - | - | - | - | - | - | 295,0 | 280,0 | 270,0 | - | - | 1490 | | | |
| 200 | - | - | - | - | - | - | 358,0 | 340,0 | 328,0 | - | - | 1490 | | | |
| 250 | - | - | - | - | - | - | 451,0 | 433,0 | 422,0 | 260,0 | 251,0 | 1450 | | | |
| 315 | - | - | - | - | - | - | 575,0 | 552,0 | 538,0 | 331,0 | 320,0 | 1450 | | | |
| 355 | - | - | - | - | - | - | 640,0 | 615,0 | 599,0 | 368,0 | 357,0 | 1450 | | | |
| 400 | - | - | - | - | - | - | - | - | - | - | - | 1450 | | | |
| 450 | - | - | - | - | - | - | - | - | - | - | - | 1450 | | | |
| 500 | - | - | - | - | - | - | - | - | - | - | - | 1450 | | | |
| 560 | - | - | - | - | - | - | - | - | - | - | - | 1450 | | -20 / 40 | |
| 630 | - | - | - | - | - | - | - | - | - | - | - | 1450 | | | |
| 710 | - | - | - | - | - | - | - | - | - | - | - | 1450 | | | |
| 900 | - | - | - | - | - | - | - | - | - | - | - | 1450 | | | |
| 1000 | - | - | - | - | - | - | - | - | - | - | - | 1450 | | | |
| 1100 | - | - | - | - | - | - | - | - | - | - | - | 1450 | | | |
| 1250 | - | - | - | - | - | - | - | - | - | - | - | 1450 | | | |

| $P_N$ kW | Efficiency $\eta_N$ %: Δ 220 V Y 380 V 4/4 | 3/4 | 2/4 | Δ 230 V Y 400 V 4/4 | 3/4 | 2/4 | Δ 240 V Y 415 V 4/4 | 3/4 | 2/4 | Δ 380 V Y 660 V 4/4 | 3/4 | 2/4 | Δ 400 V Y 690 V 4/4 | 3/4 | 2/4 | Δ 415 V 4/4 | 3/4 | 2/4 | IE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 110 | - | - | - | - | - | - | - | - | - | 96,3 | 96,4 | 96,0 | 96,4 | 96,6 | 96,3 | 96,3 | 96,4 | 96,0 | 3 |
| 132 | - | - | - | - | - | - | - | - | - | 96,4 | 96,6 | 96,3 | 96,6 | 96,7 | 96,3 | 96,4 | 96,6 | 96,3 | |
| 160 | - | - | - | - | - | - | - | - | - | 96,6 | 96,7 | 96,3 | 96,6 | 96,7 | 96,3 | 96,6 | 96,7 | 96,3 | |
| 200 | - | - | - | - | - | - | - | - | - | 96,7 | 96,8 | 96,5 | 96,7 | 96,8 | 96,5 | 96,7 | 96,8 | 96,5 | |
| 250 | - | - | - | - | - | - | - | - | - | 96,8 | 96,6 | 96,4 | 96,9 | 96,6 | 96,2 | 96,9 | 96,5 | 96,0 | |
| 315 | - | - | - | - | - | - | - | - | - | 96,8 | 96,7 | 96,5 | 96,9 | 96,7 | 96,4 | 97,0 | 96,7 | 96,3 | |
| 355 | - | - | - | - | - | - | - | - | - | 96,8 | 96,8 | 96,6 | 96,9 | 96,8 | 96,5 | 97,0 | 96,8 | 96,4 | |
| 400 | - | - | - | - | - | - | - | - | - | - | - | - | 96,0 | 95,8 | 95,5 | - | - | - | |
| 450 | - | - | - | - | - | - | - | - | - | - | - | - | 96,0 | 96,0 | 95,6 | - | - | - | |
| 500 | - | - | - | - | - | - | - | - | - | - | - | - | 96,0 | 96,0 | 95,5 | - | - | - | |
| 560 | - | - | - | - | - | - | - | - | - | - | - | - | 96,8 | 96,6 | 96,3 | - | - | - | |
| 630 | - | - | - | - | - | - | - | - | - | - | - | - | 96,8 | 96,8 | 96,5 | - | - | - | |
| 710 | - | - | - | - | - | - | - | - | - | - | - | - | 96,6 | 96,4 | 95,6 | - | - | - | |

** Operating conditions to be referred to motor only. For the electric pump, refer to limits in user's manual.

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# e-XC SERIES
# THREE-PHASE MOTORS AT 50 Hz, 6 POLES

| $P_N$ kW | Manufacturer / Model | IEC SIZE | Construction Design | N. of Poles | $f_N$ Hz | Data for 400 V / 50 Hz Voltage: cosφ | Is / $I_N$ | $T_N$ Nm | Ts/$T_N$ | Tm/Tn |
|---|---|---|---|---|---|---|---|---|---|---|
| | WEG Equipementos Eletricos S.A. Reg. No. 07.175.725/0010-50 Jaragua do Sul - SC (Brazil) | | | | | | | | | |
| 1,1 | W22 90L B3 1,1KW | L90L | B3 | 6 | 50 | 0,73 | 11,1 | 5,5 | 2,5 | 2,8 |
| 1,5 | W22 100L B3 1,5KW | 100L | | | | 0,71 | 15,0 | 5,5 | 2,7 | 2,7 |
| 2,2 | W22 112M B3 2,2KW | 112M | | | | 0,72 | 21,9 | 6,0 | 2,5 | 2,6 |

| $P_N$ kW | Manufacturer / Model | IEC SIZE | Construction Design | N. of Poles | $f_N$ Hz | Data for 400 V / 50 Hz Voltage: cosφ | Is / $I_N$ | $T_N$ Nm | Ts/$T_N$ | Tm/Tn |
|---|---|---|---|---|---|---|---|---|---|---|
| | OMEGA MOTOR SANAYI A.S. Dudullu Organize Sanayi Bölgesi 2. Cadde No: 10 34775 Ümraniye ISTANBUL/TURKEY Reg. No. 913733 | | | | | | | | | |
| 3 | 3MAS 132S6 B3 3KW E3 | 132S | B3 | 6 | 50 | 0,72 | 5,2 | 30 | 2,0 | 2,8 |
| 4 | 3MAS 132MA6 B3 4KW E3 | 132M | | | | 0,75 | 6,0 | 39 | 2,6 | 3,4 |
| 5,5 | 3MAS 132MB6 B3 5,5KW E3 | 132M | | | | 0,73 | 5,7 | 54 | 2,4 | 3,1 |
| 7,5 | 3MAS 160M6 B3 7,5KW E3 | 160M | | | | 0,73 | 6,5 | 74 | 2,1 | 3,4 |
| 11 | 3MAS 160L6 B3 11KW E3 | 160L | | | | 0,78 | 6,9 | 108 | 2,0 | 3,2 |
| 15 | 3MAS 180L6 B3 18,5KW E3 | 180L | | | | 0,77 | 6,9 | 147 | 2,6 | 3,2 |
| 18,5 | 3MAS 200LA6 B3 18,5KW E3 | 200L | | | | 0,78 | 6,4 | 180 | 2,3 | 3,2 |
| 22 | 3MAS 200LB6 B3 22KW E3 | 200L | | | | 0,79 | 6,7 | 214 | 2,5 | 2,9 |
| 30 | 3MAS 225M6 B3 30KW E3 | 225M | | | | 0,77 | 6,9 | 291 | 2,5 | 2,9 |
| 37 | 3MGS 250M6 37KW E3 | 250M | | | | 0,77 | 6,9 | 291 | 2,4 | 2,9 |
| 45 | 3MAS 280SM6 B3 45KW E3 | 280S | | | | 0,78 | 6,7 | 434 | 2,2 | 2,7 |
| 55 | 3MAS 280M6 B3 55KW E3 | 280M | | | | 0,79 | 7,2 | 532 | 2,5 | 2,8 |
| 75 | 3MAS 315S6 B3 75KW E4 | 315S | | | | 0,84 | 7,0 | 723 | 2,2 | 2,9 |
| 90 | 3MAS 315M6 B3 90KW E4 | 315M | | | | 0,84 | 7,0 | 868 | 2,3 | 3,0 |
| 110 | 3MAS 315M6 B3 110KW E4 | 315M | | | | 0,85 | 7,0 | 105 | 2,3 | 2,9 |
| 132 | 3MAS 315M6 B3 132KW E4 | 315M | | | | 0,85 | 6,6 | 127 | 2,4 | 2,9 |
| 160 | 3MAS 355M6 B3 160KW E4 | 355M | | | | 0,83 | 7,0 | 154 | 2,6 | 2,9 |
| 200 | 3MAS 355M6 B3 200KW E4 | 355M | | | | 0,85 | 6,9 | 192 | 2,2 | 2,6 |
| 250 | 3MGS 355M6 250KW E3 | 355M | | | | 0,80 | 6,8 | 2407 | 2,4 | 2,6 |
| 315 | 3MGS 355L6 315KW E3 | 355L | | | | 0,80 | 6,6 | 3033 | 2,3 | 2,5 |
| 355 | 3MGS 355L6 355KW E3 | 355L | | | | 0,80 | 6,7 | 3418 | 2,3 | 2,6 |
| 400 | 3MGS 355L6 400KW E3 | 355L | | | | 0,80 | 6,8 | 3850 | 2,3 | 2,3 |

| $P_N$ kW | Manufacturer / Model | IEC SIZE | Construction Design | N. of Poles | $f_N$ Hz | Data for 400 V / 50 Hz Voltage: cosφ | Is / $I_N$ | $T_N$ Nm | Ts/$T_N$ | Tm/Tn |
|---|---|---|---|---|---|---|---|---|---|---|
| | WEG Equipementos Eletricos S.A. Reg. No. 07.175.725/0010-50 Jaragua do Sul - SC (Brazil) | | | | | | | | | |
| 450 | W50 400J/H B3 450KW | 400JH | B3 | 6 | 50 | 0,84 | 7,00 | 4334 | 1,50 | 2,60 |
| 500 | W50 400J/H B3 500KW | 400JH | | | | 0,85 | 7,80 | 4816 | 1,60 | 2,70 |
| 560 | W50 450L/K B3 560KW | 450LK | | | | 0,86 | 7,00 | 5394 | 0,80 | 2,40 |
| 630 | W50 450L/K B3 630KW | 450LK | | | | 0,87 | 6,50 | 6062 | 0,80 | 2,40 |
| 710 | W50 450JH B3 710KW | 450JH | | | | 0,87 | 6,50 | 6832 | 0,80 | 2,40 |
| 800 | HGF 450 B3 800KW | 450HGF | | | | 0,87 | 6,50 | 7690 | 0,80 | 2,40 |
| 900 | HGF 450 B3 900KW | 450HGF | | | | 0,87 | 6,70 | 8651 | 0,80 | 2,40 |
| 1000 | HGF 500 B3 1000KW | 500HGF | | | | - | - | - | - | - |
| 1100 | HGF 500 B3 1100KW | 500HGF | | | | - | - | - | - | - |
| 1250 | HGF 560 B3 1250KW | 560HGF | | | | - | - | - | - | - |

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# e-XC SERIES
# THREE-PHASE MOTORS AT 50 Hz, 6 POLES

| $P_N$ | Voltage $U_N$ V | | | | | | | | | | | $n_N$ | Operating conditions ** | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Δ | | | Y | | | Δ | | | Y | | | Altitude Above Sea Level (m) | T. amb min/max °C | ATEX |
| kW | 220 V | 230 V | 240 V | 380 V | 400 V | 415 V | 380 V | 400 V | 415 V | 660 V | 690 V | min$^{-1}$ | | | |
| | $I_N$ (A) | | | | | | | | | | | | | | |
| 1,1 | 4,89 | 4,68 | 4,48 | 2,83 | 2,69 | 2,59 | 2,83 | 2,69 | 2,59 | 1,63 | 1,56 | 950 | ≤ 1000 | -20 / 40 | No |
| 1,5 | 6,73 | 6,43 | 6,17 | 3,89 | 3,70 | 3,57 | 3,89 | 3,70 | 3,57 | 2,24 | 2,14 | 950 | | | |
| 2,2 | 9,62 | 9,20 | 8,82 | 5,57 | 5,29 | 5,10 | 5,57 | 5,29 | 5,10 | 3,21 | 3,07 | 950 | | | |
| 3 | 12,3 | 12,1 | 12,3 | 7,10 | 6,93 | 7,10 | 7,10 | 7,00 | 7,10 | 4,10 | 4,00 | 950 | | -15 / 50 | |
| 4 | 15,6 | 15,4 | 15,6 | 9,01 | 9,18 | 9,00 | 9,00 | 8,90 | 9,00 | 5,20 | 5,30 | 950 | | | |
| 5,5 | 21,3 | 21,5 | 22,3 | 12,3 | 12,5 | 12,9 | 12,3 | 12,4 | 12,9 | 7,10 | 7,20 | 950 | | | |
| 7,5 | 28,6 | 28,8 | 29,8 | 16,5 | 16,3 | 17,2 | 16,5 | 16,6 | 17,2 | 9,50 | 9,40 | 950 | | | |
| 11 | 39,7 | 39,0 | 39,0 | 22,9 | 22,9 | 22,5 | 22,9 | 22,5 | 22,5 | 13,2 | 13,2 | 950 | | | |
| 15 | 54,7 | 53,3 | 53,0 | 31,5 | 30,1 | 30,6 | 31,6 | 30,8 | 30,6 | 18,2 | 17,4 | 950 | | | |
| 18,5 | 67,2 | 64,6 | 64,1 | 38,8 | 37,4 | 37,0 | 38,8 | 37,3 | 37,0 | 22,4 | 21,6 | 950 | | | |
| 22 | 77,4 | 75,5 | 74,8 | 44,7 | 44,3 | 43,2 | 44,7 | 43,6 | 43,2 | 25,8 | 25,6 | 950 | | | |
| 30 | 107 | 105 | 105 | 61,7 | 60,8 | 60,8 | 61,6 | 60,5 | 60,8 | 35,6 | 35,1 | 950 | | | |
| 37 | 107,0 | 104,8 | 105,3 | 61,7 | 60,8 | 60,8 | 61,6 | 60,5 | 60,8 | 35,6 | 35,1 | 950 | | | |
| 45 | - | - | - | - | - | - | - | - | - | - | - | 990 | | | |
| 55 | - | - | - | - | - | - | - | - | - | - | - | 990 | | | |
| 75 | - | - | - | - | - | - | 142,0 | 135,0 | 130,0 | - | - | 990 | | | |
| 90 | - | - | - | - | - | - | 169,0 | 161,0 | 155,0 | - | - | 990 | | | |
| 110 | - | - | - | - | - | - | 204,0 | 194,0 | 187,0 | - | - | 990 | | | |
| 132 | - | - | - | - | - | - | 247,0 | 234,0 | 226,0 | - | - | 990 | | | |
| 160 | - | - | - | - | - | - | 304,0 | 289,0 | 279,0 | - | - | 990 | | | |
| 200 | - | - | - | - | - | - | 370,0 | 352,0 | 339,0 | - | - | 995 | | | |

Higher power data available on request.

| $P_N$ | Efficiency $\eta_N$ % | | | | | | | | | | | | | | | | | | IE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Δ 220 V Y 380 V | | | Δ 230 V Y 400 V | | | Δ 240 V Y 415 V | | | Δ 380 V Y 660 V | | | Δ 400 V Y 690 V | | | Δ 415 V | | | |
| kW | 4/4 | 3/4 | 2/4 | 4/4 | 3/4 | 2/4 | 4/4 | 3/4 | 2/4 | 4/4 | 3/4 | 2/4 | 4/4 | 3/4 | 2/4 | 4/4 | 3/4 | 2/4 | |
| 1,1 | 81,0 | 82,0 | 81,0 | 81,0 | 81,4 | 79,3 | 81,0 | 80,7 | 77,7 | 81,0 | 82,0 | 81,0 | 81,0 | 81,4 | 79,3 | 81,0 | 80,7 | 77,7 | 3 |
| 1,5 | 82,5 | 82,6 | 82,3 | 82,5 | 82,5 | 81,5 | 82,8 | 82,3 | 80,6 | 82,5 | 82,6 | 82,3 | 82,5 | 82,5 | 81,5 | 82,8 | 82,3 | 80,6 | |
| 2,2 | 84,3 | 84,4 | 83,6 | 84,5 | 84,5 | 83,0 | 84,7 | 84,3 | 82,3 | 84,3 | 84,4 | 83,6 | 84,5 | 84,5 | 83,0 | 84,7 | 84,3 | 82,3 | |
| 3 | 85,6 | 86,0 | 85,7 | 85,4 | 85,8 | 85,5 | 85,8 | 86,2 | 85,9 | 85,6 | 86,0 | 85,7 | 85,4 | 85,8 | 85,5 | 85,8 | 86,2 | 85,9 | |
| 4 | 86,8 | 87,0 | 86,9 | 86,6 | 86,8 | 86,7 | 86,9 | 87,1 | 87,0 | 86,8 | 87,0 | 86,9 | 86,6 | 86,8 | 86,7 | 86,9 | 87,1 | 87,0 | |
| 5,5 | 88,0 | 88,9 | 88,4 | 88,2 | 89,1 | 88,6 | 87,7 | 88,6 | 88,1 | 88,0 | 88,9 | 88,4 | 88,2 | 89,1 | 88,6 | 87,7 | 88,6 | 88,1 | |
| 7,5 | 89,1 | 89,5 | 89,2 | 89,3 | 89,7 | 89,4 | 88,7 | 89,1 | 88,8 | 89,1 | 89,5 | 89,2 | 89,3 | 89,7 | 89,4 | 88,7 | 89,1 | 88,8 | |
| 11 | 90,3 | 90,8 | 90,5 | 90,2 | 90,7 | 90,4 | 90,2 | 90,7 | 90,4 | 90,3 | 90,8 | 90,5 | 90,2 | 90,7 | 90,4 | 90,2 | 90,7 | 90,4 | |
| 15 | 91,2 | 91,9 | 91,4 | 90,9 | 91,6 | 91,1 | 91,5 | 92,2 | 91,7 | 91,2 | 91,9 | 91,4 | 90,9 | 91,6 | 91,1 | 91,5 | 92,2 | 91,7 | |
| 18,5 | 91,7 | 91,9 | 91,6 | 91,5 | 91,7 | 91,4 | 91,8 | 92,0 | 91,7 | 91,7 | 91,9 | 91,6 | 91,5 | 91,7 | 91,4 | 91,8 | 92,0 | 91,7 | |
| 22 | 92,2 | 92,8 | 92,3 | 92,1 | 92,7 | 92,2 | 92,3 | 92,9 | 92,4 | 92,2 | 92,8 | 92,3 | 92,1 | 92,7 | 92,2 | 92,3 | 92,9 | 92,4 | |
| 30 | 92,9 | 93,4 | 93,2 | 92,9 | 93,4 | 93,2 | 92,7 | 93,2 | 93,0 | 92,9 | 93,4 | 93,2 | 92,9 | 93,4 | 93,2 | 92,7 | 93,2 | 93,0 | |
| 37 | 92,9 | 93,4 | 93,2 | 92,9 | 93,4 | 93,2 | 92,7 | 93,2 | 93,0 | 92,9 | 93,4 | 93,2 | 92,9 | 93,4 | 93,2 | 92,7 | 93,2 | 93,0 | |
| 45 | - | - | - | - | - | - | - | - | - | - | - | - | 93,7 | 94,0 | 93,7 | - | - | - | |
| 55 | - | - | - | - | - | - | - | - | - | - | - | - | 94,1 | 94,4 | 94,2 | - | - | - | |
| 75 | - | - | - | - | - | - | - | - | - | 95,4 | 95,7 | 95,4 | 95,4 | 95,6 | 95,8 | 96,0 | 96,2 | 96,3 | 4 |
| 90 | - | - | - | - | - | - | - | - | - | 95,6 | 96,0 | 95,9 | 95,7 | 96,0 | 95,9 | 96,4 | 96,4 | 96,6 | |
| 110 | - | - | - | - | - | - | - | - | - | 95,8 | 95,9 | 95,7 | 95,4 | 95,9 | 95,7 | 96,3 | 96,3 | 96,5 | |
| 132 | - | - | - | - | - | - | - | - | - | 96,0 | 96,4 | 96,3 | 95,4 | 95,6 | 95,8 | 96,0 | 96,2 | 96,3 | |
| 160 | - | - | - | - | - | - | - | - | - | 96,2 | 96,4 | 96,3 | 95,7 | 96,0 | 95,9 | 96,4 | 96,4 | 96,6 | |
| 200 | - | - | - | - | - | - | - | - | - | 96,3 | 96,6 | 96,5 | 95,4 | 95,9 | 95,7 | 96,3 | 96,3 | 96,5 | |
| 250 | - | - | - | - | - | - | - | - | - | - | - | - | 95,8 | 95,9 | 95,5 | - | - | - | 3 |
| 315 | - | - | - | - | - | - | - | - | - | - | - | - | 95,8 | 95,6 | 95,1 | - | - | - | |
| 355 | - | - | - | - | - | - | - | - | - | - | - | - | 95,8 | 95,8 | 95,2 | - | - | - | |
| 400 | - | - | - | - | - | - | - | - | - | - | - | - | 95,8 | 95,8 | 95,8 | - | - | - | |
| 450 | - | - | - | - | - | - | - | - | - | - | - | - | 96,2 | 96,2 | 95,7 | - | - | - | |
| 500 | - | - | - | - | - | - | - | - | - | - | - | - | 96,4 | 96,4 | 95,9 | - | - | - | |
| 560 | - | - | - | - | - | - | - | - | - | - | - | - | 96,2 | 96,2 | 95,9 | - | - | - | |
| 630 | - | - | - | - | - | - | - | - | - | - | - | - | 96,3 | 96,3 | 96,1 | - | - | - | |
| 710 | - | - | - | - | - | - | - | - | - | - | - | - | 96,3 | 96,3 | 96,1 | - | - | - | |

** Operating conditions to be referred to motor only. About electric pump, refer to limits in user's manual.

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# e-XC SERIES
# THREE-PHASE MOTORS AT 50 Hz, 8 POLES

| $P_N$ kW | Manufacturer: WEG Equipementos Eletricos S.A. Reg. No. 07.175.725/0010-50 Jaragua do Sul - SC (Brazil) — Model | IEC SIZE | Construction Design | N. of Poles | $f_N$ Hz | Data for 400 V / 50 Hz Voltage: cosφ | Is / $I_N$ | $T_N$ Nm | $Ts/T_N$ | Tm/Tn |
|---|---|---|---|---|---|---|---|---|---|---|
| 450 | W22 400JH B3 450KW | 400JH | B3 | 8 | 50 | - | - | - | - | - |
| 500 | W22 400JH B3 500KW | 400JH | | | | - | - | - | - | - |
| 560 | W22 450JH B3 560KW | 450JH | | | | - | - | - | - | - |
| 630 | W22 450HGF B3 630KW | 450HGF | | | | - | - | - | - | - |
| 710 | W22 450HGF B3 710KW | 450HGF | | | | - | - | - | - | - |
| 800 | W22 500HGF B3 800KW | 500HGF | | | | - | - | - | - | - |
| 900 | W22 500HGF B3 900KW | 500HGF | | | | - | - | - | - | - |
| 1000 | W22 560HGF B3 1100KW | 560HGF | | | | - | - | - | - | - |
| 1100 | W22 560HGF B3 1100KW | 560HGF | | | | - | - | - | - | - |

| $P_N$ kW | Voltage $U_N$ V: Δ 220 V | Δ 230 V | Δ 240 V | Y 380 V | Y 400 V | Y 415 V | Δ 380 V | Δ 400 V | Δ 415 V | Y 660 V | Y 690 V | $n_N$ $min^{-1}$ | Operating conditions **: Altitude Above Sea Level (m) | T. amb min/max °C | ATEX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | $I_N$ (A) | | | | | | | | | | | | | | |
| 450 | - | - | - | - | - | - | - | - | - | - | - | 750 | ≤ 1000 | -20 / 40 | No |
| 500 | - | - | - | - | - | - | - | - | - | - | - | 750 | | | |
| 560 | - | - | - | - | - | - | - | - | - | - | - | 750 | | | |
| 630 | - | - | - | - | - | - | - | - | - | - | - | 750 | | | |
| 710 | - | - | - | - | - | - | - | - | - | - | - | 750 | | | |
| 800 | - | - | - | - | - | - | - | - | - | - | - | 750 | | | |
| 900 | - | - | - | - | - | - | - | - | - | - | - | 750 | | | |
| 1000 | - | - | - | - | - | - | - | - | - | - | - | 750 | | | |
| 1100 | - | - | - | - | - | - | - | - | - | - | - | 750 | | | |

| $P_N$ kW | Efficiency $\eta_N$ % — Δ 220 V Y 380 V: 4/4 | 3/4 | 2/4 | Δ 230 V Y 400 V: 4/4 | 3/4 | 2/4 | Δ 240 V Y 415 V: 4/4 | 3/4 | 2/4 | Δ 380 V Y 660 V: 4/4 | 3/4 | 2/4 | Δ 400 V Y 690 V: 4/4 | 3/4 | 2/4 | Δ 415 V: 4/4 | 3/4 | 2/4 | IE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 450 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 3 |
| 500 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 560 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 630 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 710 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 800 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 900 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 1000 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 1100 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |

** Operating conditions to be referred to motor only. About electric pump, refer to limits in user's manual.
Data available upon request.

LOWARA
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# e-XC SERIES
# SOUND PRESSURE LEVELS

The tables below show the mean sound pressure levels (Lp) measured at 1 meter distance in a free field according to EN ISO 11203. The noise values are measured on 50 Hz motors and have a tolerance of 3 dB (A) according to EN ISO 4871.

## PUMP END ONLY - PEO

| PUMP POWER [kW] | SPEED [RPM] | | | |
|---|---|---|---|---|
| | 2950 | 1450 | 975 | 740 |
| | [dBA] | [dBA] | [dBA] | [dBA] |
| 1,1 | - | - | 52,5 | - |
| 1,5 | - | 54,7 | 54,2 | - |
| 2,2 | 57,6 | 56,7 | 56,2 | - |
| 3 | 59,3 | 58,4 | 57,9 | - |
| 4 | 60,9 | 60 | 59,4 | - |
| 5,5 | 62,7 | 61,7 | 61,2 | - |
| 7,5 | 64,3 | 63,4 | 62,9 | - |
| 11 | 66,5 | 65,5 | 65 | - |
| 15 | 68,1 | 67,2 | 66,7 | - |
| 18,5 | 69,2 | 68,3 | 67,8 | - |
| 22 | 70,2 | 69,3 | 68,7 | - |
| 30 | 71,8 | 70,9 | 70,4 | - |
| 37 | 73 | 72,1 | 71,6 | - |
| 45 | 74,1 | 73,2 | 72,6 | - |
| 55 | 75,2 | 74,3 | 73,7 | - |
| 75 | 76,8 | 75,9 | 75,4 | - |
| 90 | 77,9 | 77 | 76,4 | - |
| 110 | 79 | 78,1 | 77,5 | 77,2 |
| 132 | 79,9 | 79 | 78,5 | 78,1 |
| 160 | 81 | 80,1 | 79,6 | 79,2 |
| 200 | 82,2 | 81,3 | 80,8 | 80,4 |
| 250 | 83,4 | 82,5 | 82 | 81,6 |
| 315 | 84,6 | 83,7 | 83,2 | 82,8 |
| 355 | 85,3 | 84,4 | 83,8 | 83,5 |
| 400 | 85,9 | 85 | 84,5 | 84,1 |
| 450 | - | 85,7 | 85,1 | 84,8 |
| 500 | - | 86,2 | 85,7 | 85,3 |
| 560 | - | 86,9 | 86,3 | 86 |
| 630 | - | 87,5 | 87 | 86,6 |
| 710 | - | 88,2 | 87,6 | 87,3 |
| 800 | - | 88,8 | 88,3 | 87,9 |
| 900 | - | 89,5 | 88,9 | 88,6 |
| 1000 | - | 90 | 89,5 | 89,1 |
| 1200 | - | 91 | 90,5 | 90,1 |
| 1400 | - | 91,9 | 91,3 | 91 |
| 1600 | - | 92,6 | 92,1 | 91,7 |
| 1800 | - | 93,2 | 92,6 | 92,3 |
| 2000 | - | 93,8 | 93,3 | 92,9 |

## PUMP WITH STANDARD MOTOR (400/690V) - PBCM

| PUMP POWER [kW] | SPEED [RPM] | | | |
|---|---|---|---|---|
| | 2950 | 1450 | 975 | 740 |
| | [dBA] | [dBA] | [dBA] | [dBA] |
| 1,1 | - | - | 54,4 | - |
| 1,5 | - | 56,9 | 55,6 | - |
| 2,2 | 63,3 | 58,2 | 60,2 | - |
| 3 | 67,7 | 59,5 | 61 | - |
| 4 | 65,7 | 61,5 | 61,8 | - |
| 5,5 | 68,4 | 62,7 | 62,9 | - |
| 7,5 | 68,9 | 64,1 | 65,1 | - |
| 11 | 69,8 | 66,8 | 66,5 | - |
| 15 | 70,6 | 68,1 | 67,7 | - |
| 18,5 | 71,2 | 69,2 | 69 | - |
| 22 | 71,9 | 70,4 | 69,7 | - |
| 30 | 73,3 | 71,6 | 71,1 | - |
| 37 | 75,1 | 74,6 | 72,2 | - |
| 45 | 76,2 | 73,8 | 73,3 | - |
| 55 | 78,1 | 75 | 75,6 | - |
| 75 | 79,9 | 76,6 | 77 | - |
| 90 | 81 | 77,5 | 77,7 | - |
| 110 | 81,5 | 79,1 | 78,6 | 78,9 |
| 132 | 82,5 | 79,8 | 79,4 | 79,8 |
| 160 | 83,1 | 81,1 | 80,5 | 80,6 |
| 200 | 84,2 | 82,4 | 82,3 | 81,5 |
| 250 | 85 | 83,4 | 83,2 | 82,5 |
| 315 | 86,5 | 84,4 | 84,1 | 83,5 |
| 355 | 87 | 85 | 84,6 | 84,1 |
| 400 | 88,5 | 85,8 | 85,2 | 84,6 |
| 450 | - | 86,4 | 85,7 | 85,2 |
| 500 | - | 86,8 | 86,2 | 85,7 |
| 560 | - | 87,4 | 86,8 | 86,3 |
| 630 | - | 88 | 87,4 | 86,9 |
| 710 | - | 88,6 | 88 | - |
| 800 | - | 89,1 | 88,6 | - |
| 900 | - | 89,8 | - | - |
| 1000 | - | 90,3 | - | - |

eXC-en_a_tr

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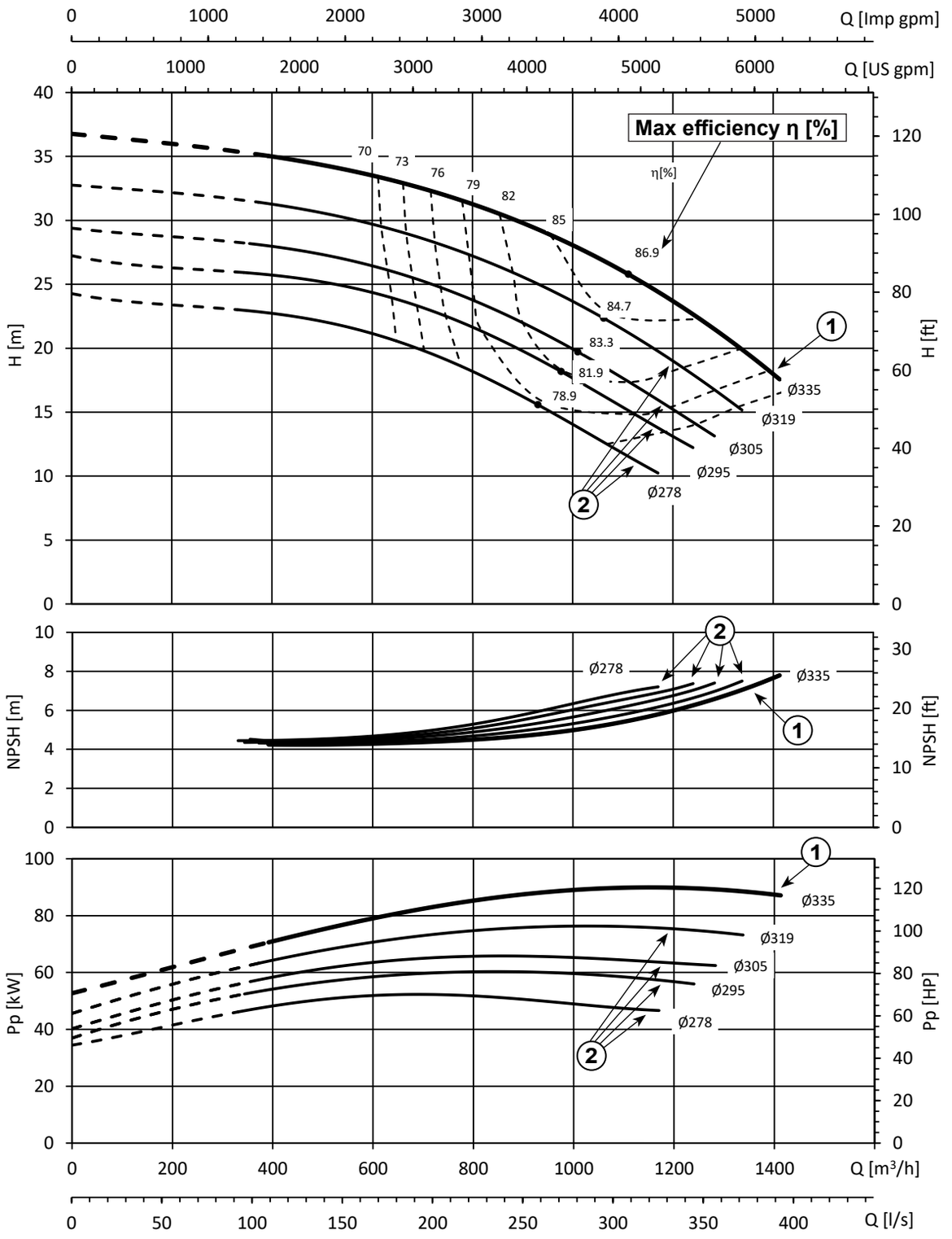
# e-XC SERIES
# IDENTIFICATION OF GRAPH




| REF | TYPE | DESCRIPTION |
|---|---|---|
| ① | ——— | Full Diameter impeller operating range |
| ② | ——— | Trimmed diameter impeller operating range |
| ③ | - - - - - | Isoefficiency curves |

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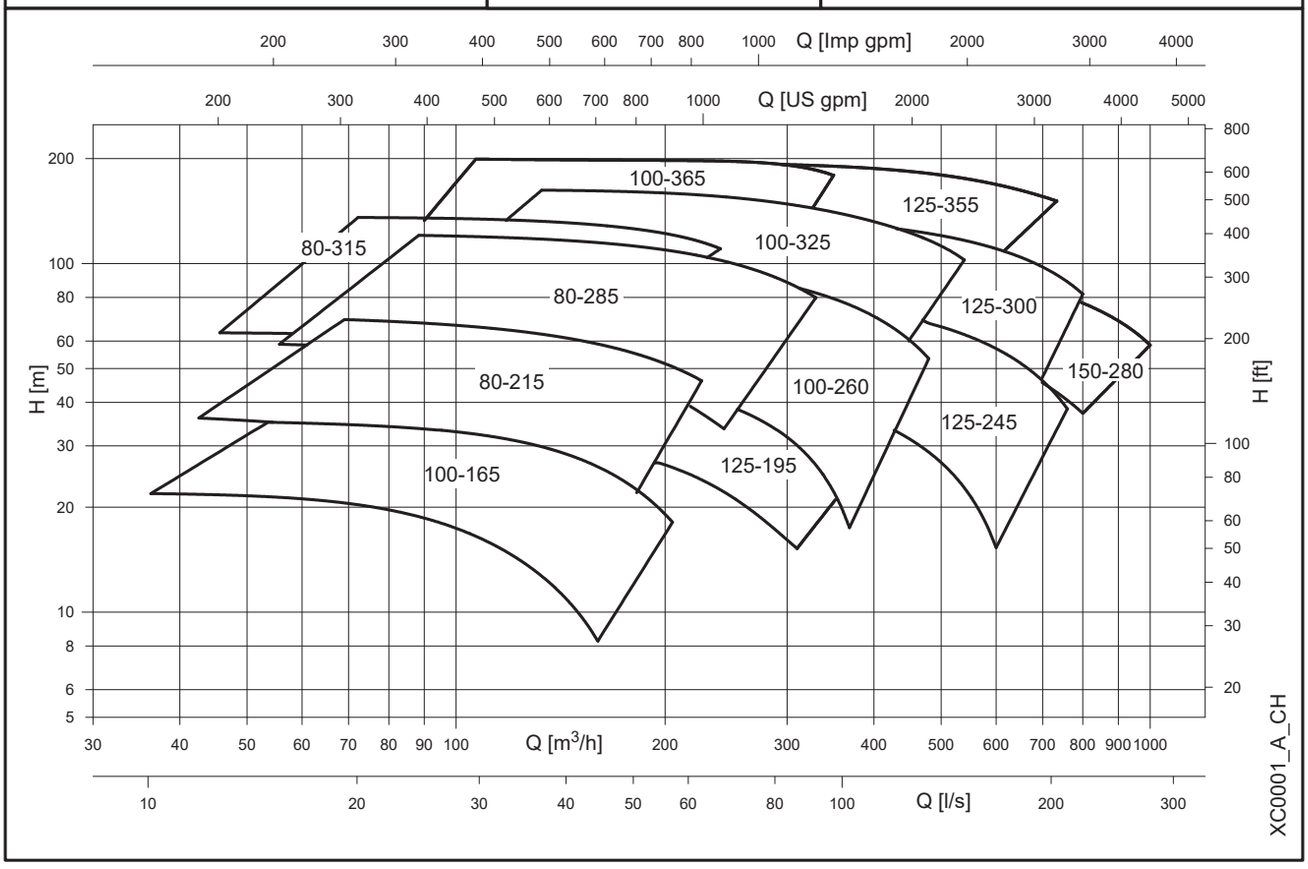
## e-XC SERIES
## HYDRAULIC PERFORMANCE RANGE AT 50 Hz, 2 POLES

| e-XC | ~ 3000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|



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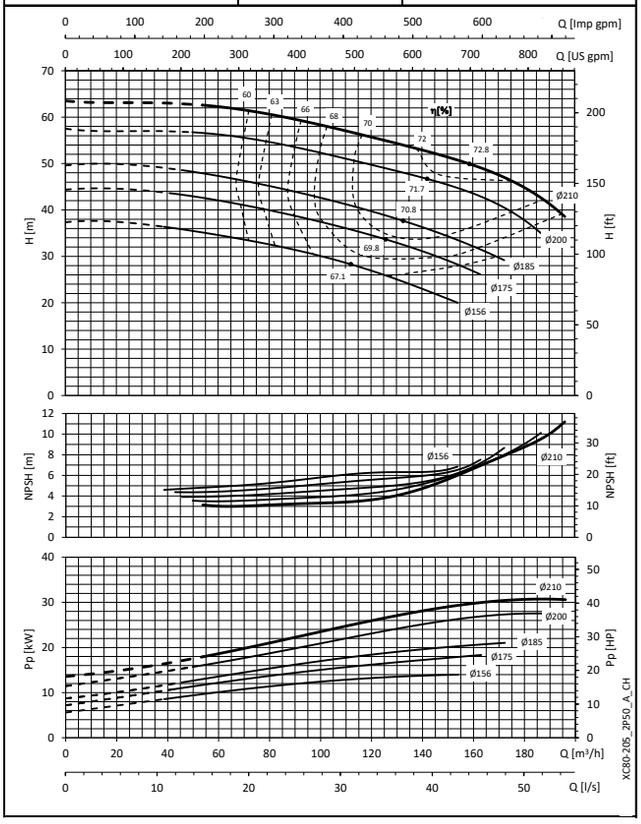
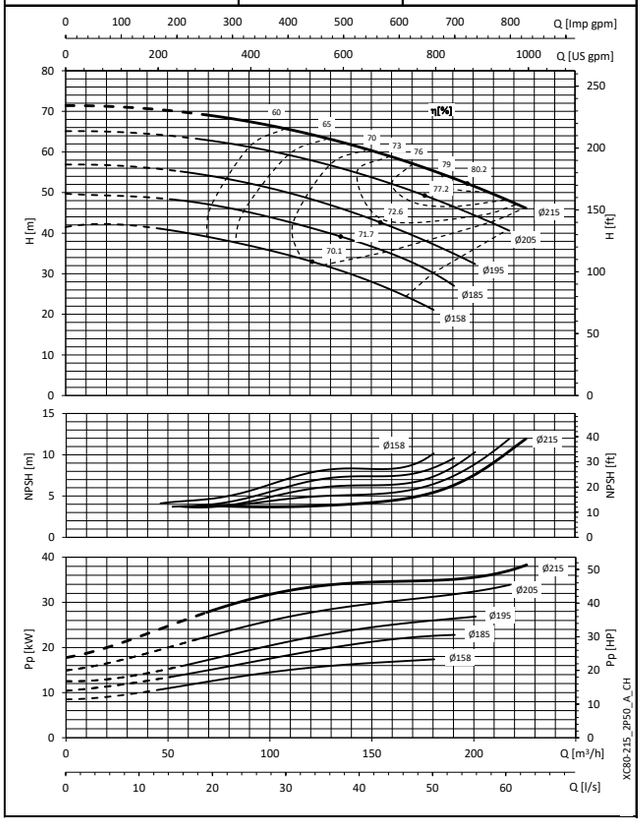
# e-XC SERIES
# OPERATING CHARACTERISTICS AT 50 Hz, 2 POLES

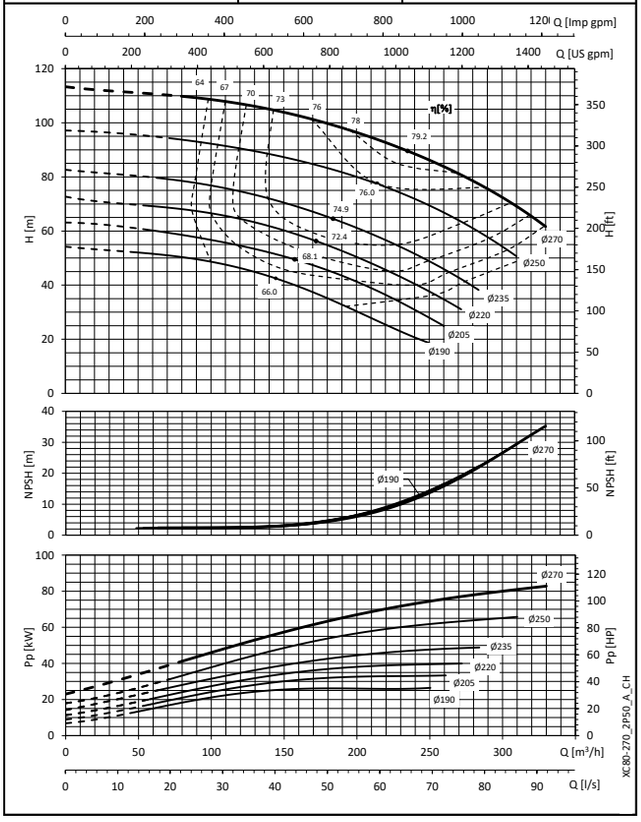
| XC 80-205 | 3000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|



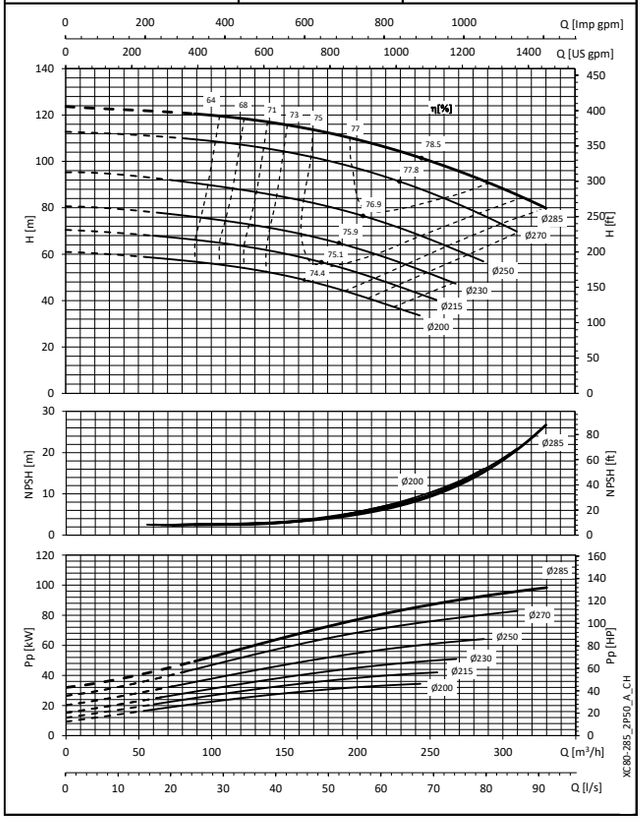

| XC 80-215 | 3000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




| XC 80-270 | 3000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




| XC 80-285 | 3000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm3 and kinematic viscosity ν = 1 mm2/sec.

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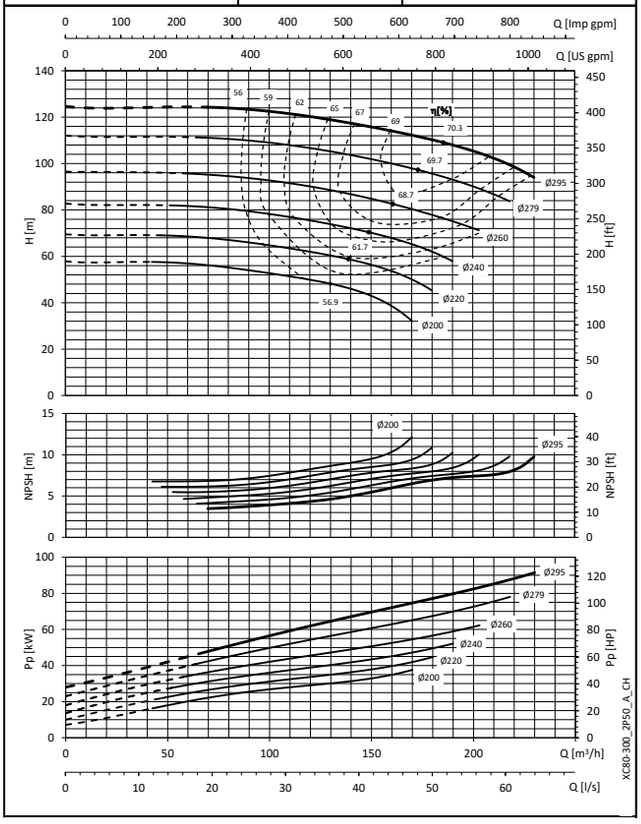
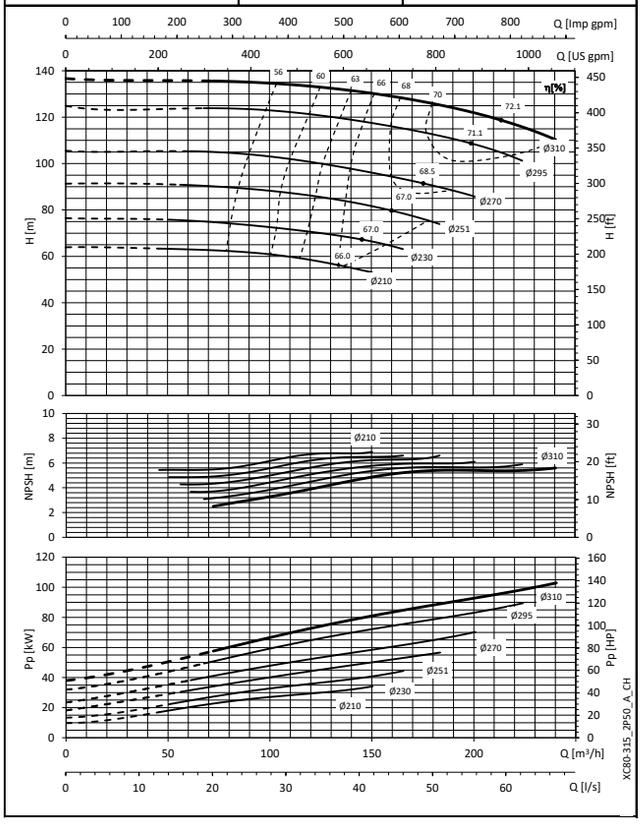
# e-XC SERIES
# OPERATING CHARACTERISTICS AT 50 Hz, 2 POLES

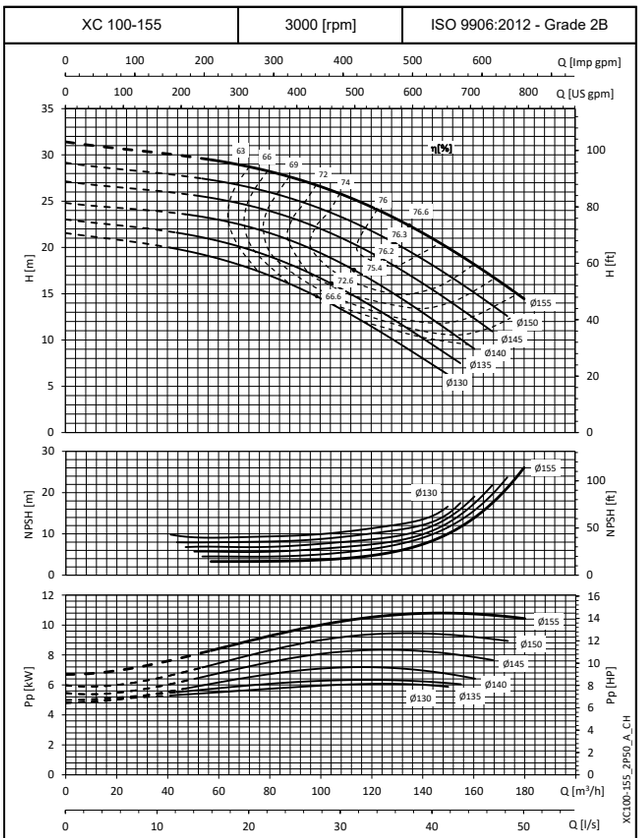
| XC 80-300 | 3000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|



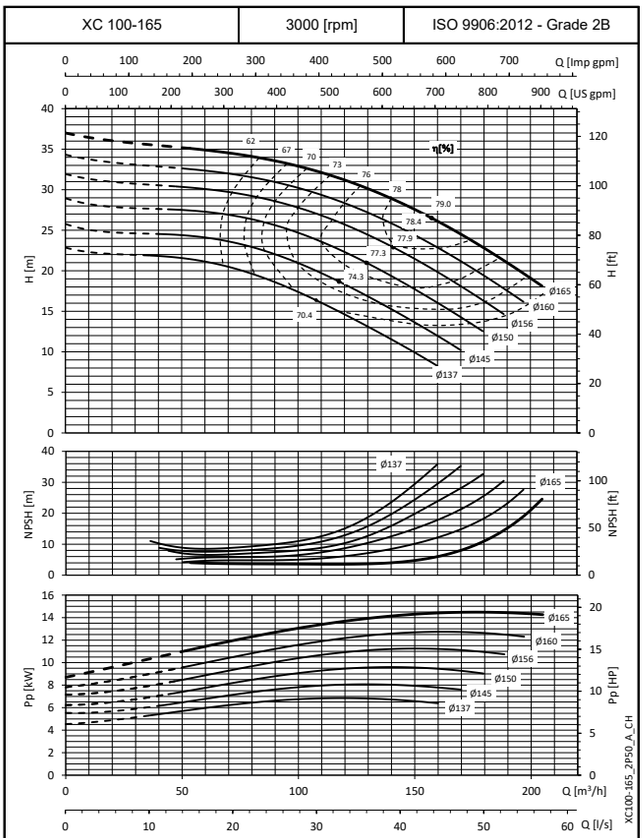

| XC 80-315 | 3000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




| XC 100-155 | 3000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




| XC 100-165 | 3000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm3 and kinematic viscosity ν = 1 mm2/sec.

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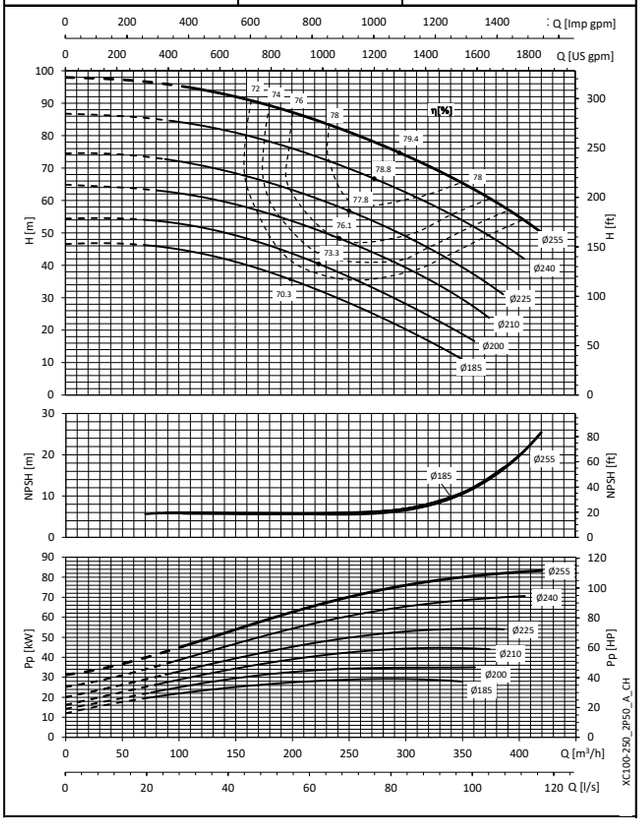
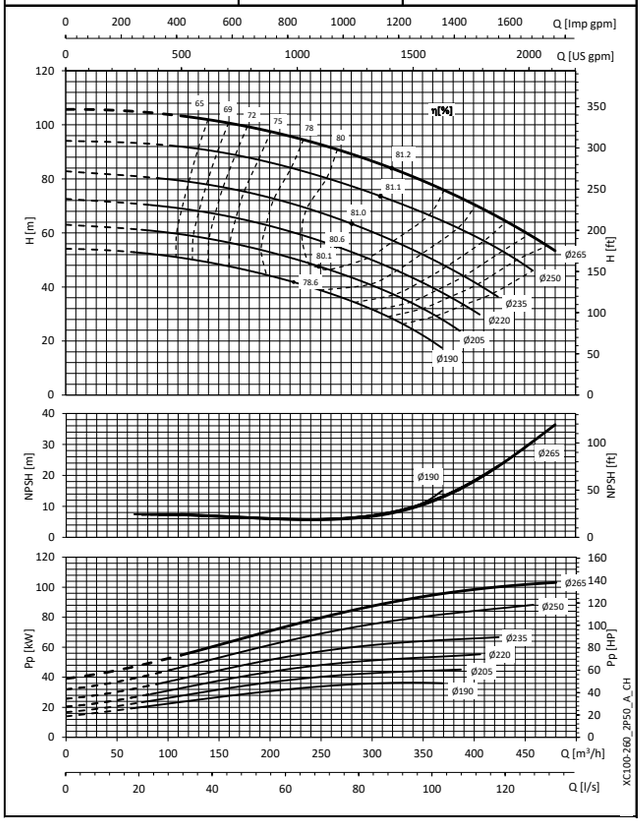
# e-XC SERIES
# OPERATING CHARACTERISTICS AT 50 Hz, 2 POLES

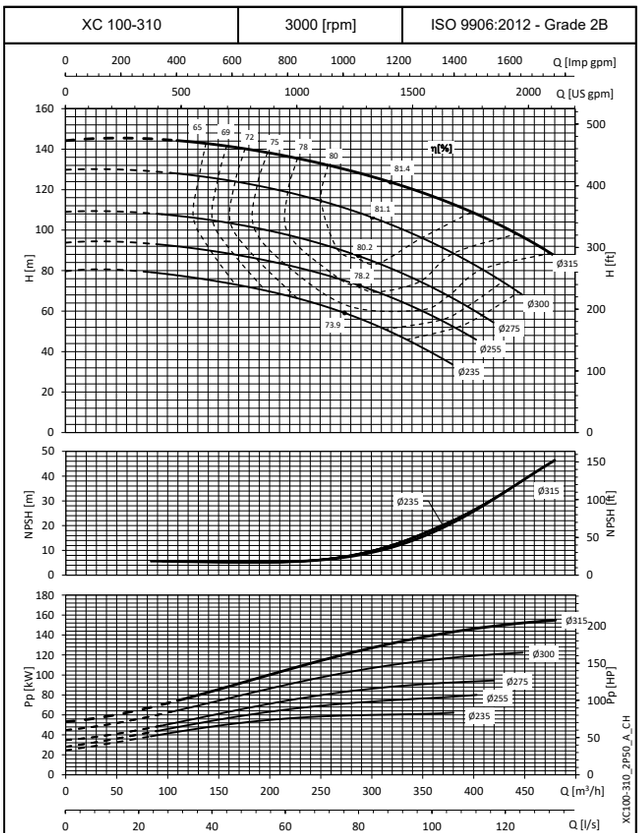
| XC 100-250 | 3000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|



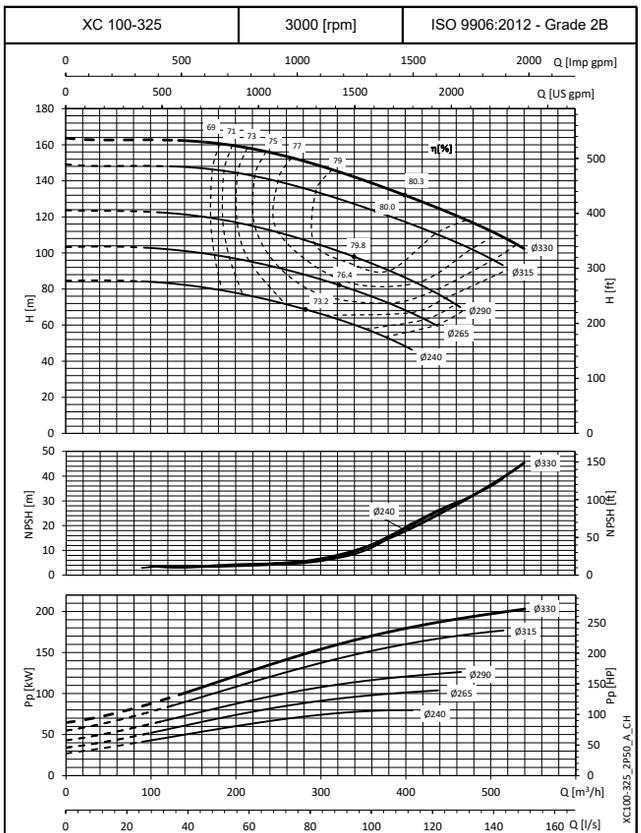

| XC 100-260 | 3000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




| XC 100-310 | 3000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




| XC 100-325 | 3000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm3 and kinematic viscosity ν = 1 mm2/sec.

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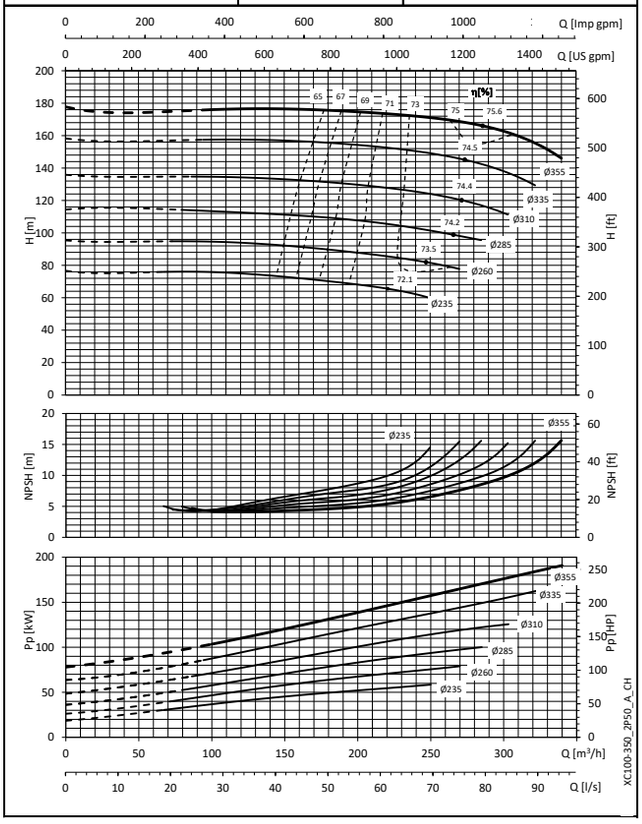
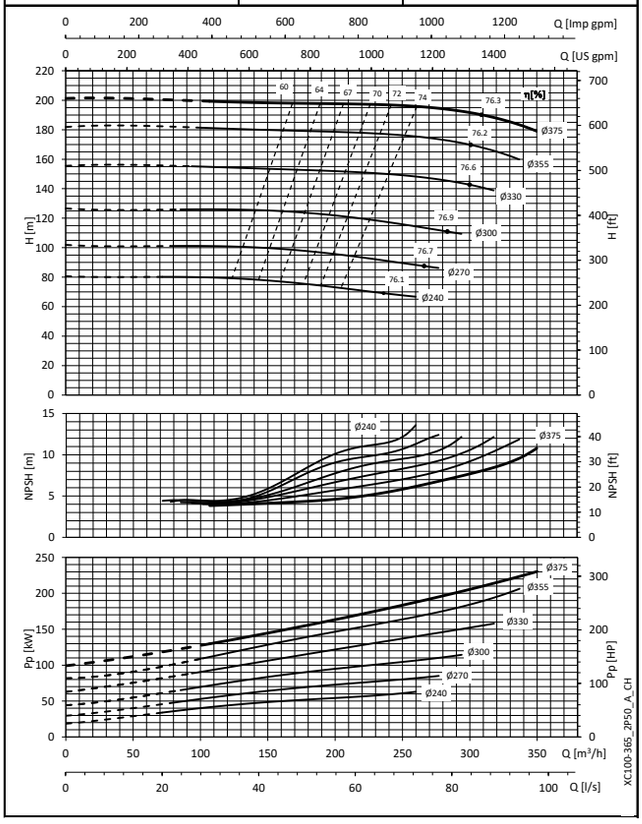
# e-XC SERIES
# OPERATING CHARACTERISTICS AT 50 Hz, 2 POLES

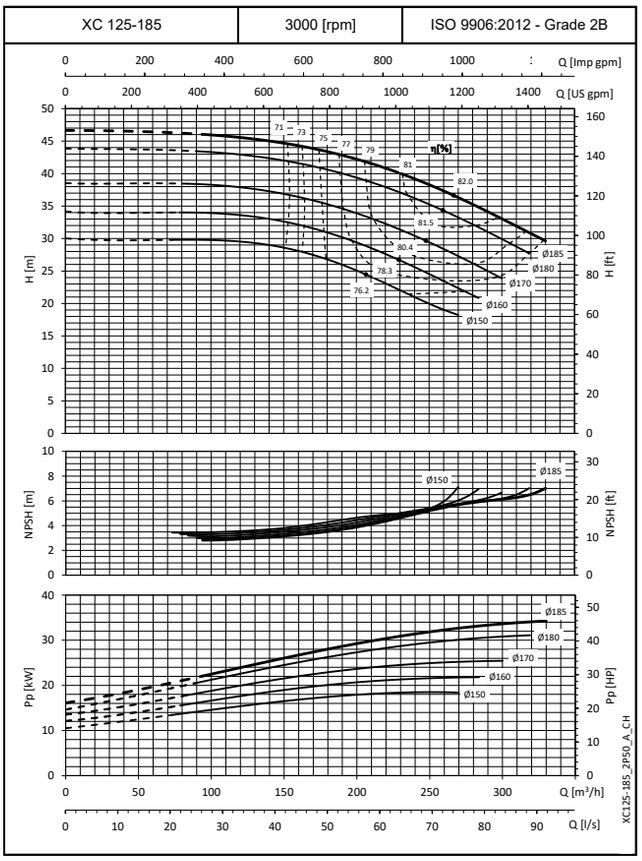
| XC 100-350 | 3000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|



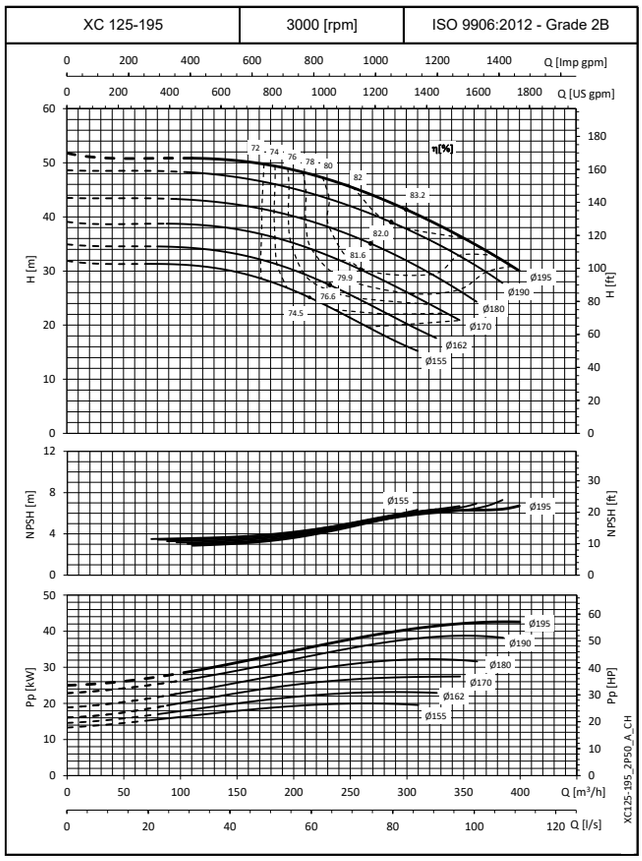

| XC 100-365 | 3000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




| XC 125-185 | 3000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




| XC 125-195 | 3000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm3 and kinematic viscosity ν = 1 mm2/sec.

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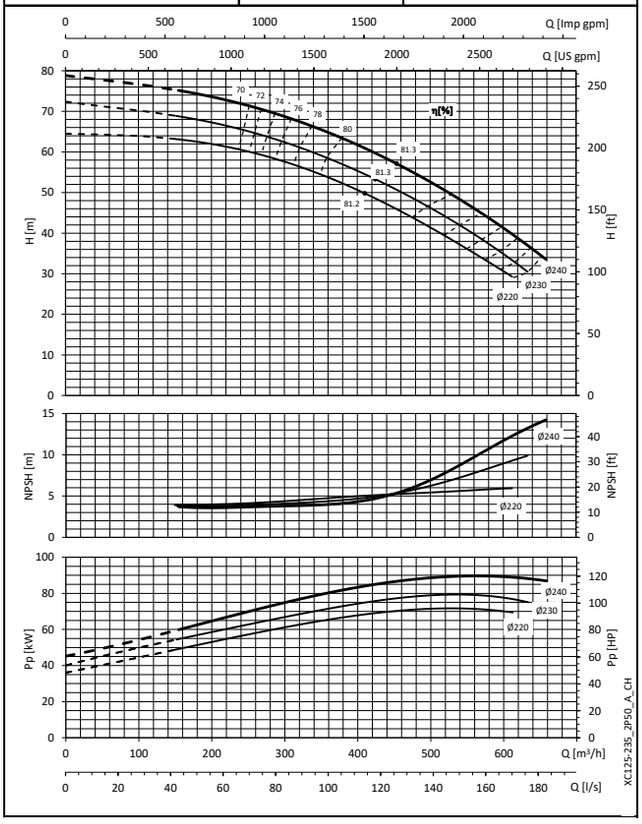
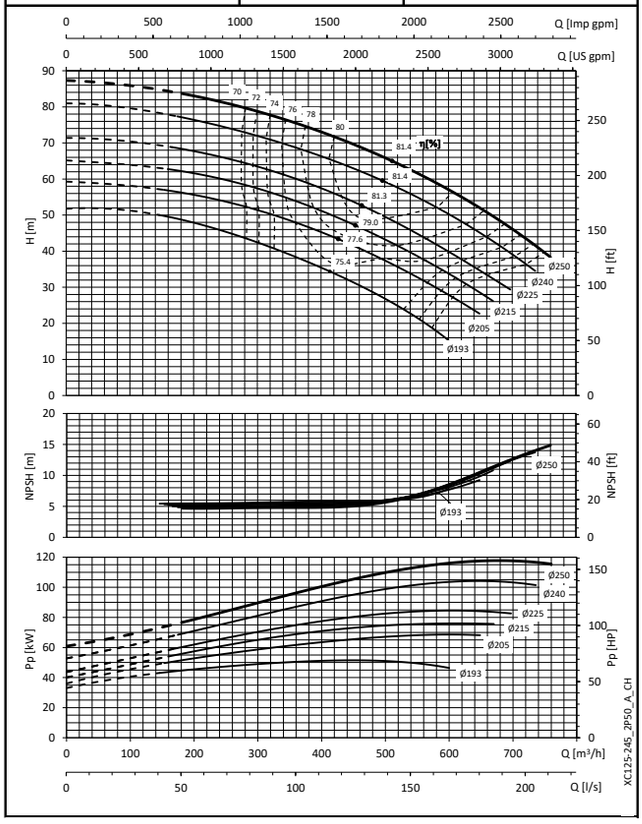
# e-XC SERIES
# OPERATING CHARACTERISTICS AT 50 Hz, 2 POLES

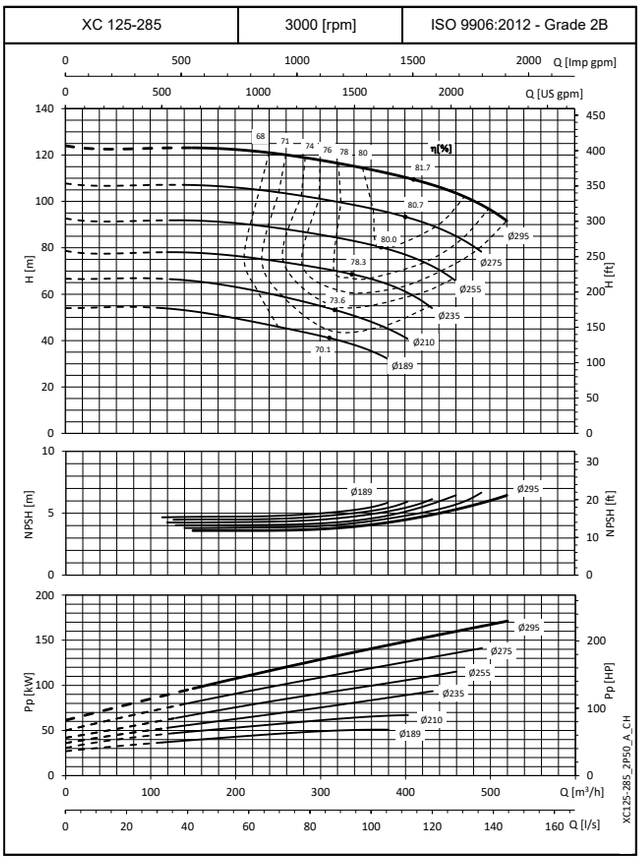
| XC 125-235 | 3000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|



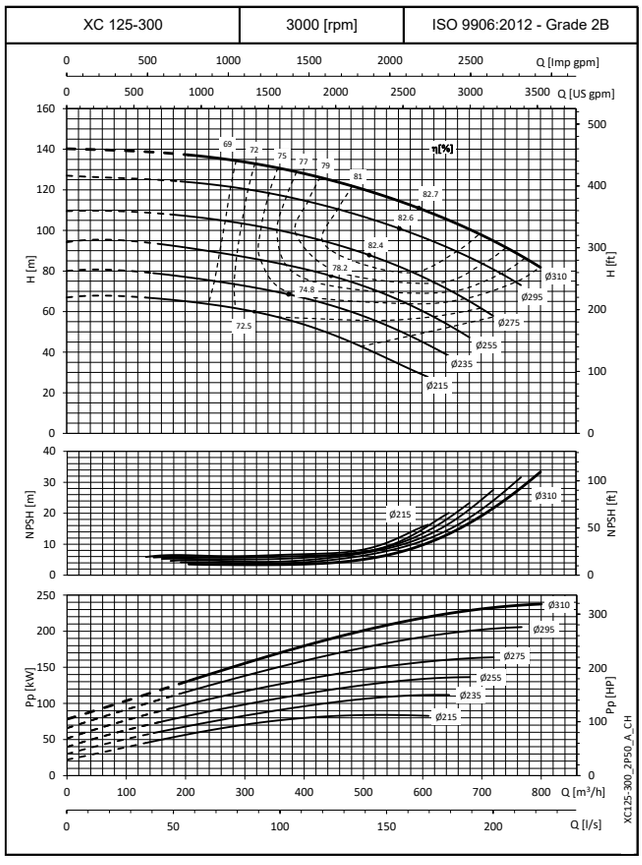

| XC 125-245 | 3000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




| XC 125-285 | 3000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|



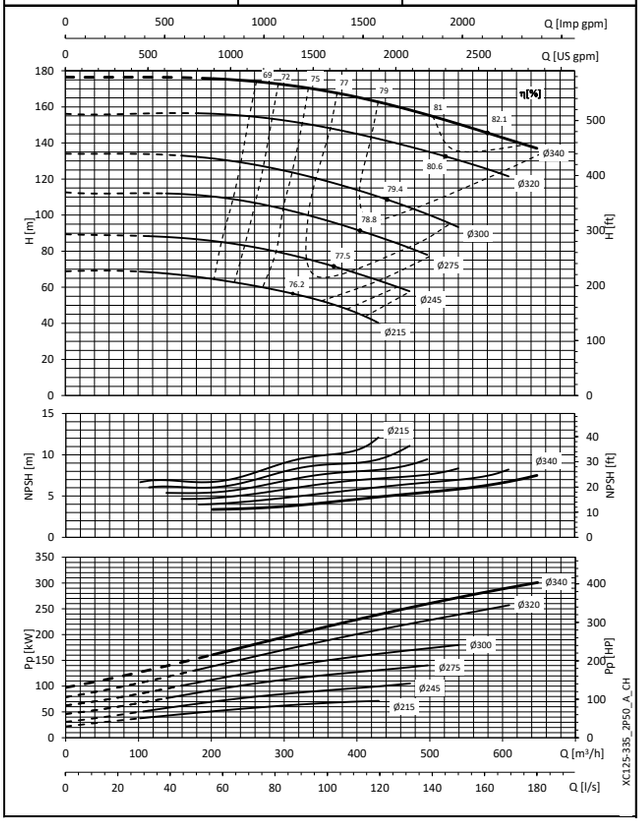

| XC 125-300 | 3000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|



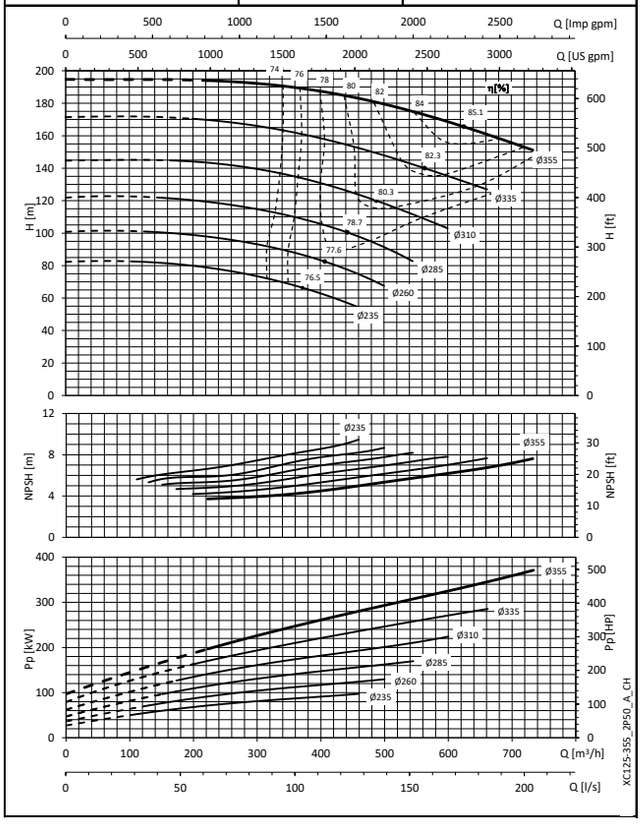

The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm3 and kinematic viscosity ν = 1 mm2/sec.

# e-XC SERIES
# OPERATING CHARACTERISTICS AT 50 Hz, 2 POLES

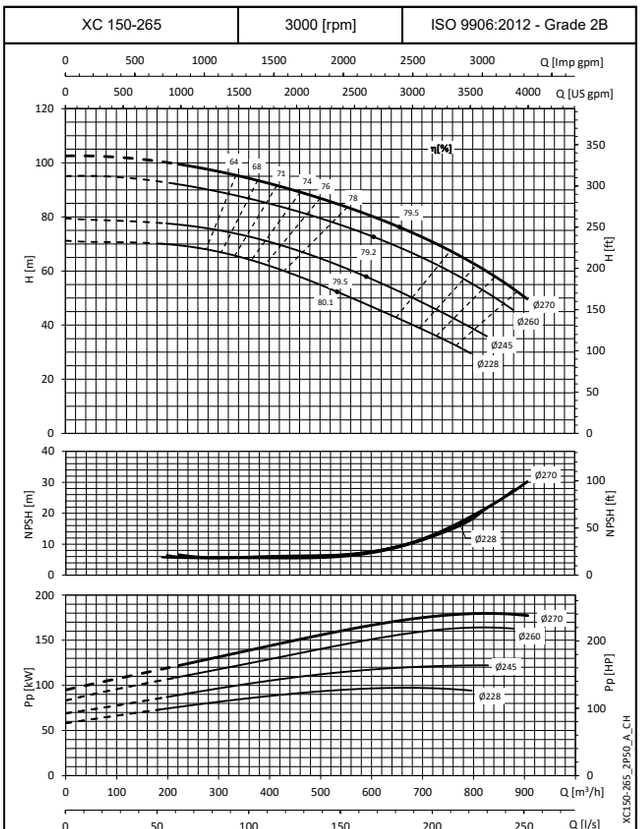
| XC 125-335 | 3000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|



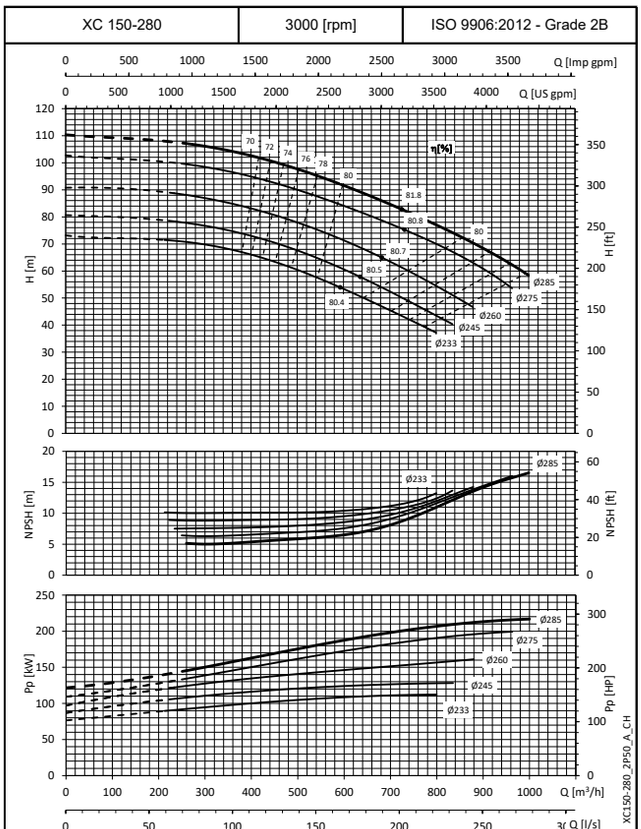

| XC 125-355 | 3000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




| XC 150-265 | 3000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




| XC 150-280 | 3000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm3 and kinematic viscosity ν = 1 mm2/sec.

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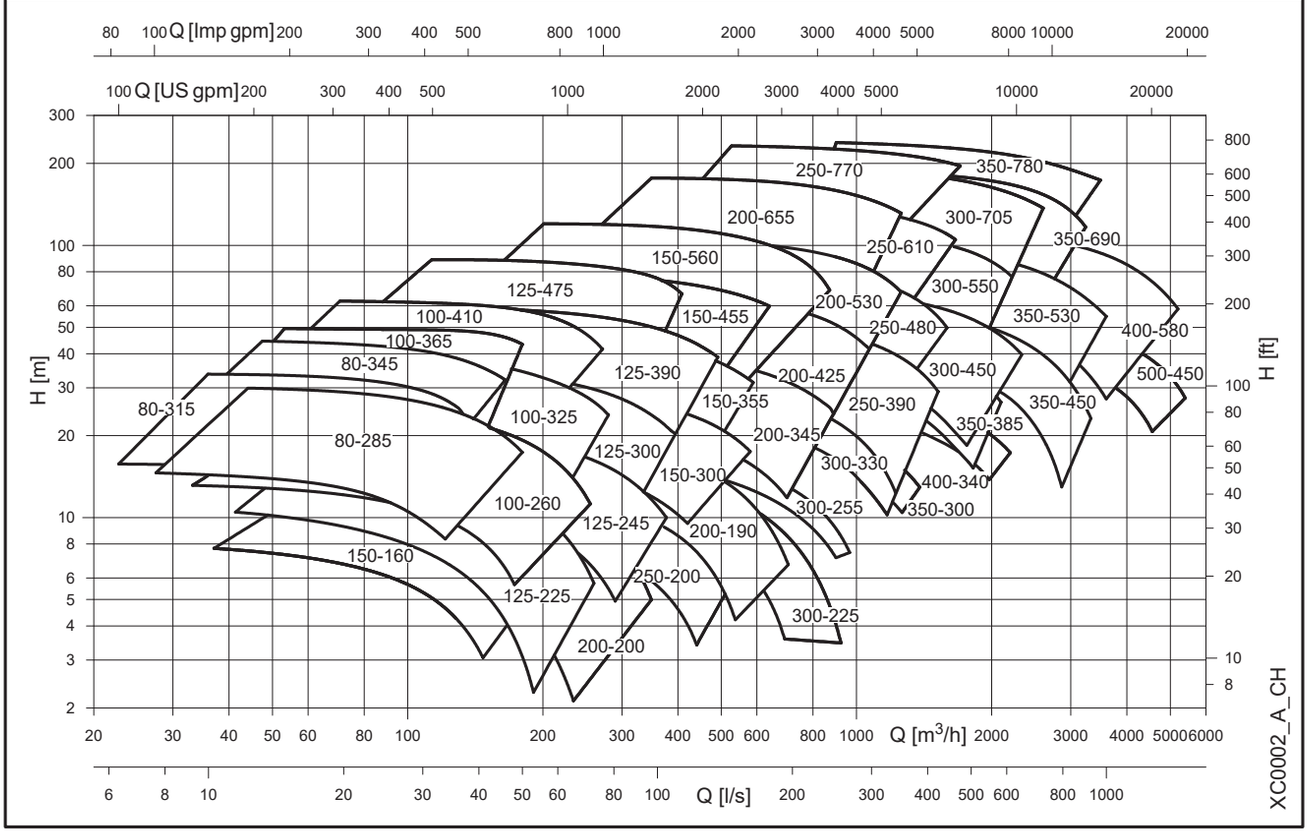
## e-XC SERIES
## HYDRAULIC PERFORMANCE RANGE AT 50 Hz, 4 POLES

| e-XC | ~ 1500 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|



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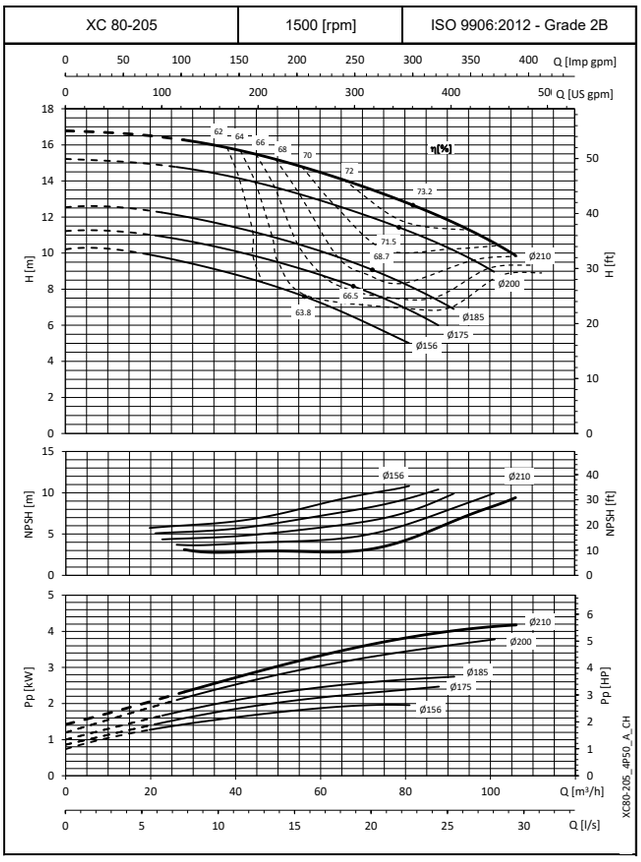
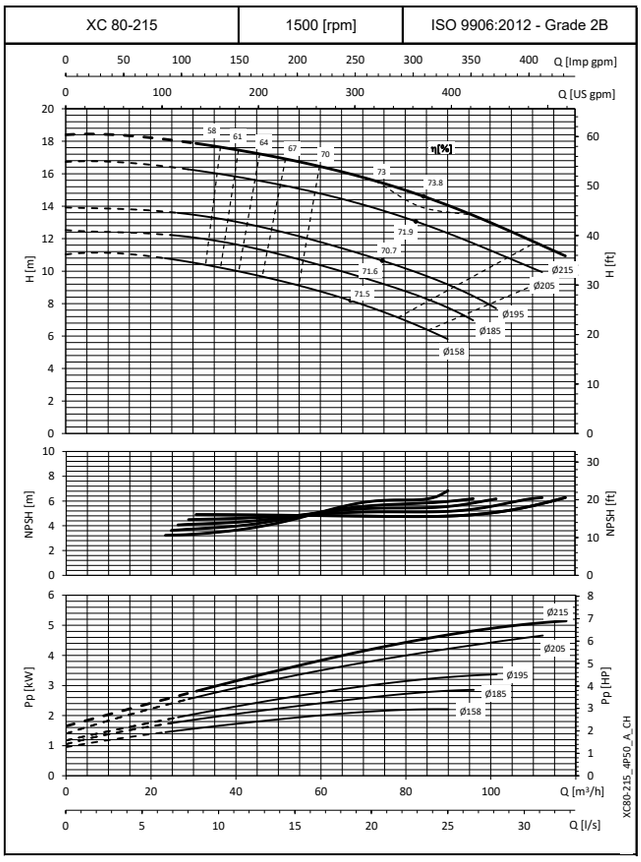
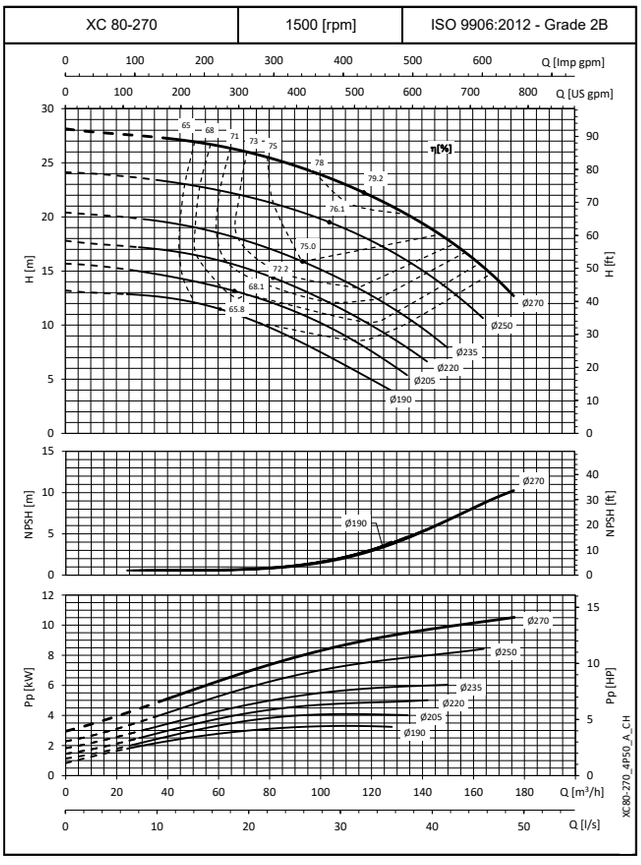
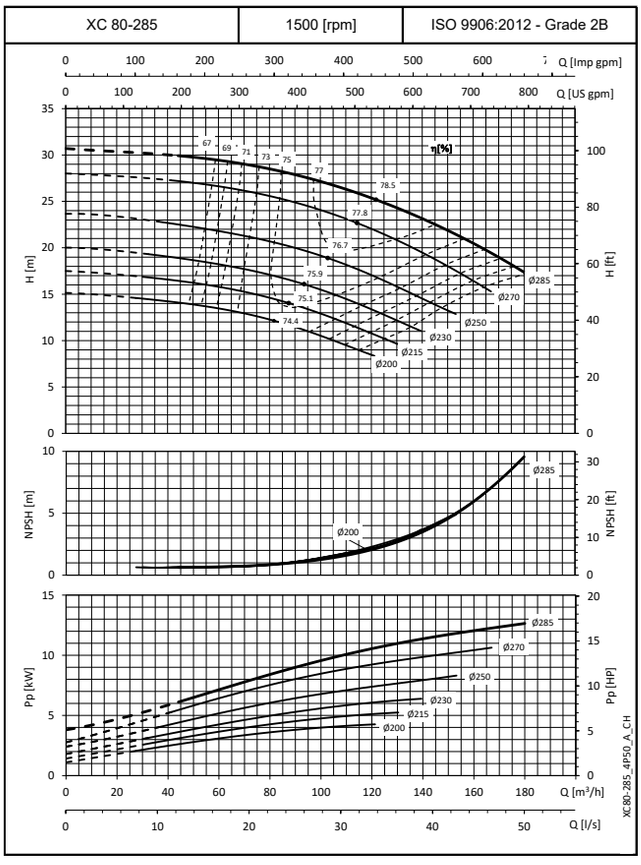
# e-XC SERIES
# OPERATING CHARACTERISTICS AT 50 Hz, 4 POLES




The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm3 and kinematic viscosity ν = 1 mm2/sec.

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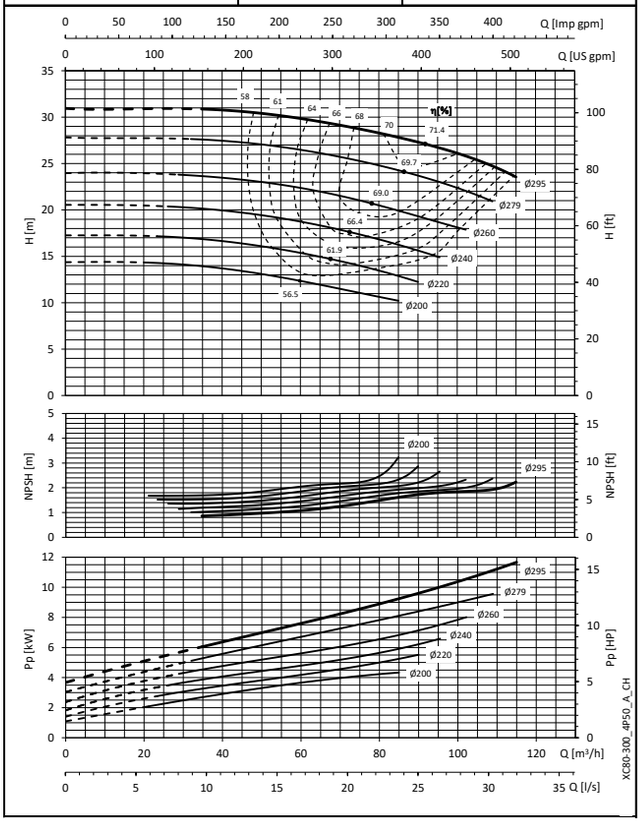
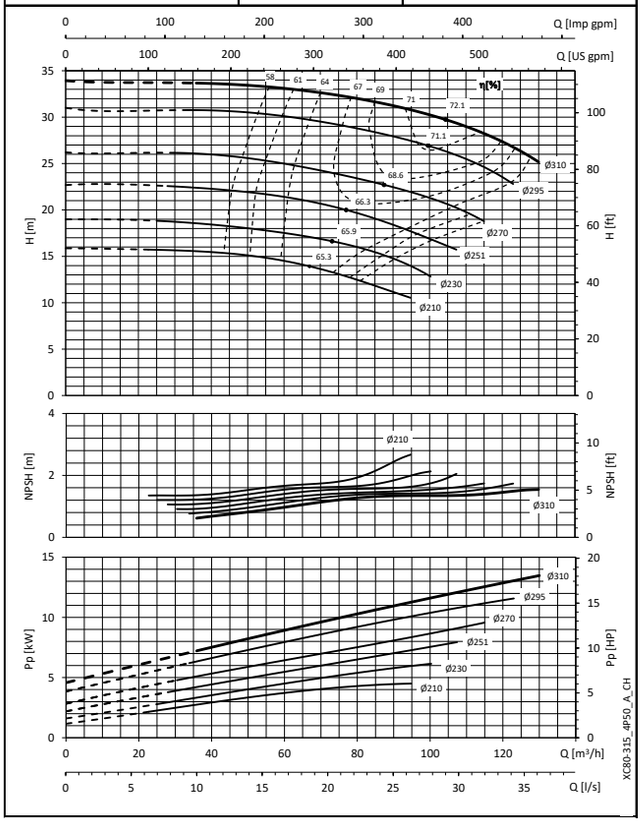
# e-XC SERIES
# OPERATING CHARACTERISTICS AT 50 Hz, 4 POLES

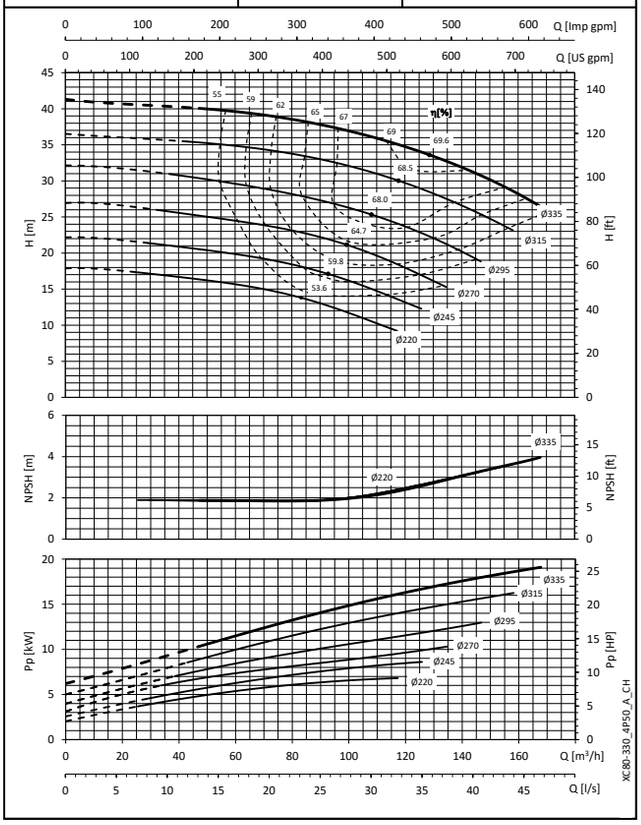
| XC 80-300 | 1500 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|



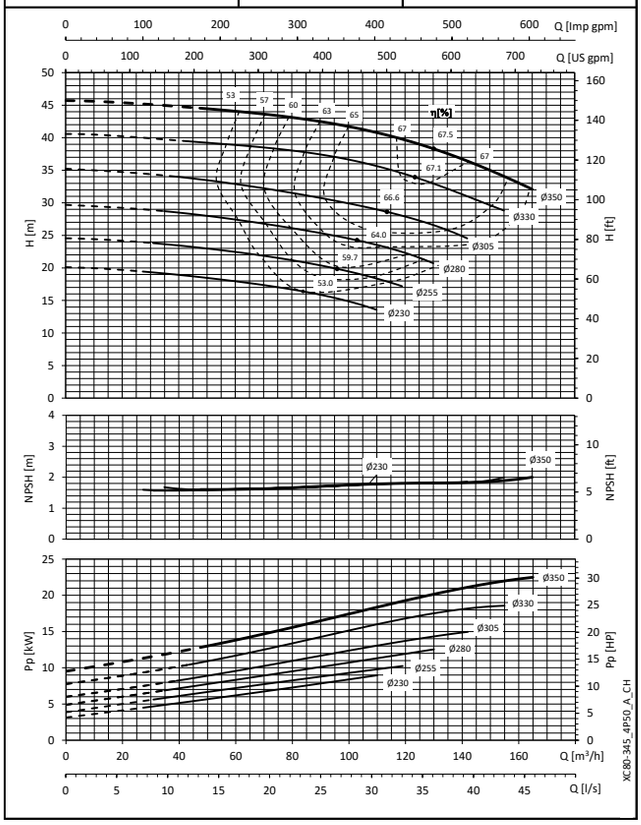

| XC 80-315 | 1500 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




| XC 80-330 | 1500 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




| XC 80-345 | 1500 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density $\rho$ = 1,0 Kg/dm3 and kinematic viscosity $\nu$ = 1 mm2/sec.

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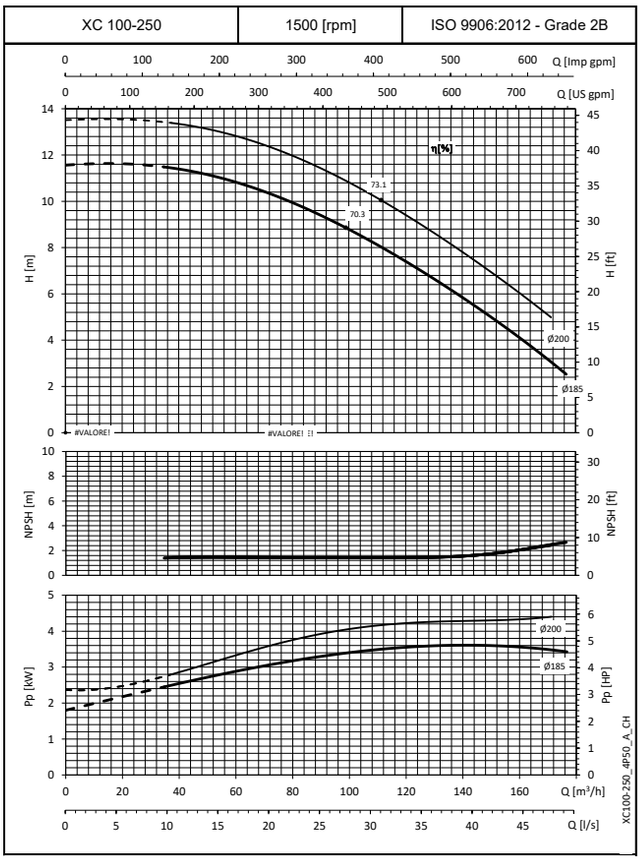
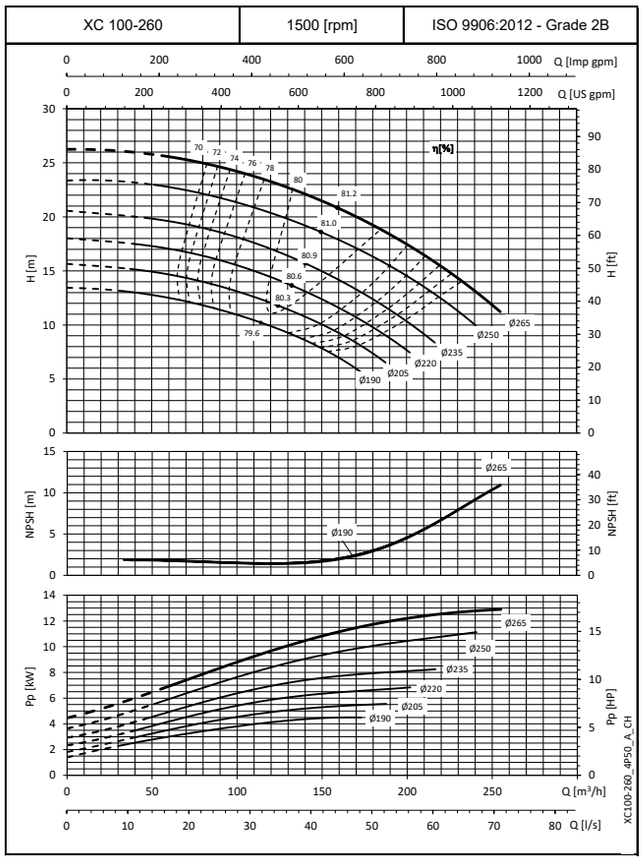
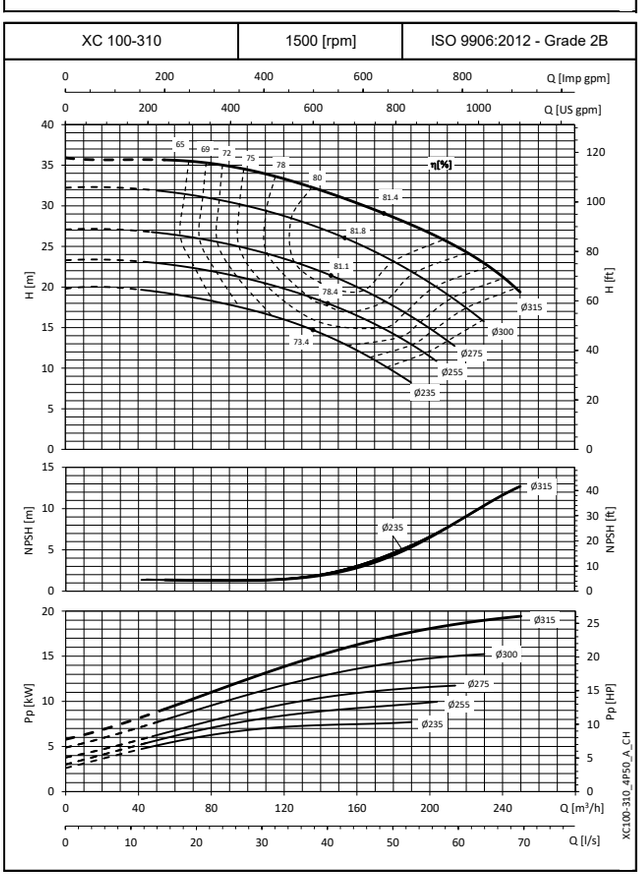
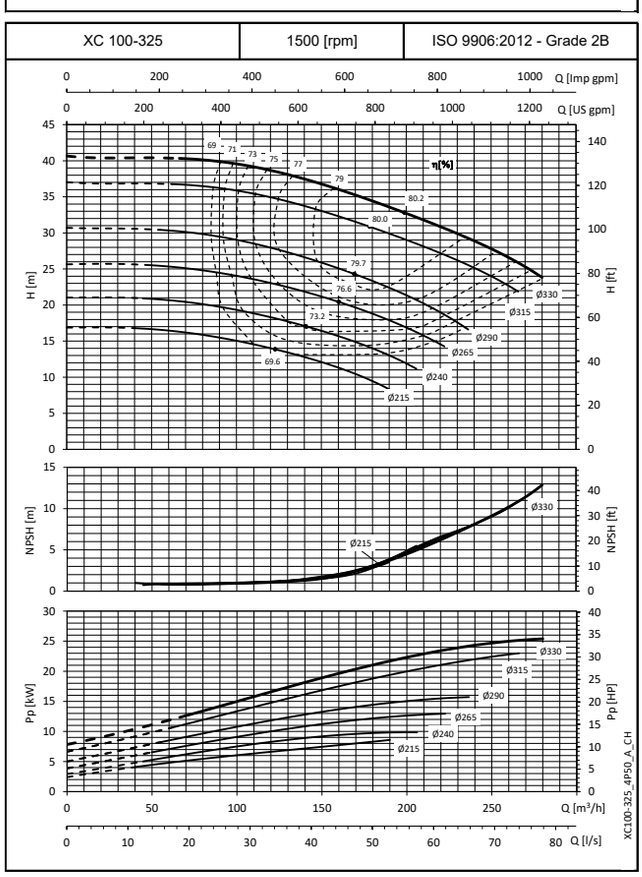
# e-XC SERIES
# OPERATING CHARACTERISTICS AT 50 Hz, 4 POLES




The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm3 and kinematic viscosity ν = 1 mm2/sec.

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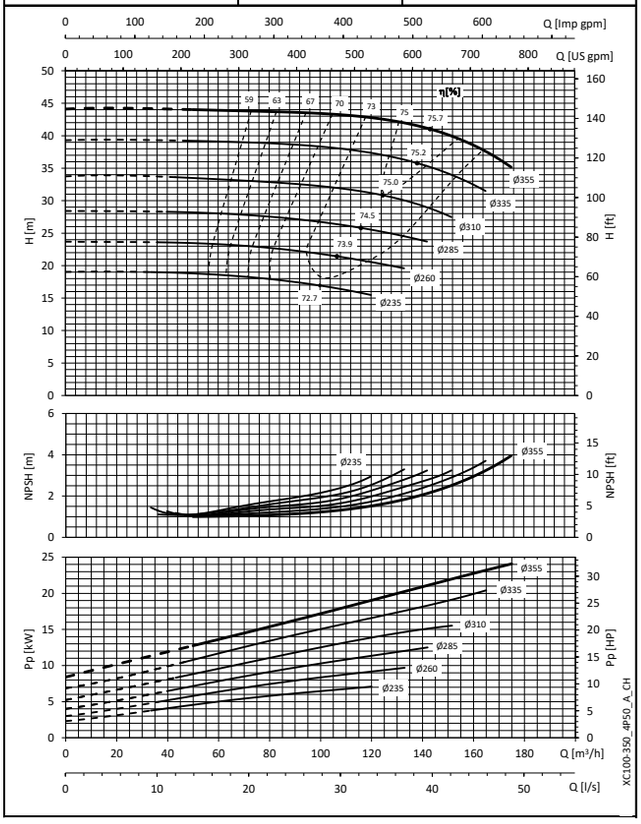
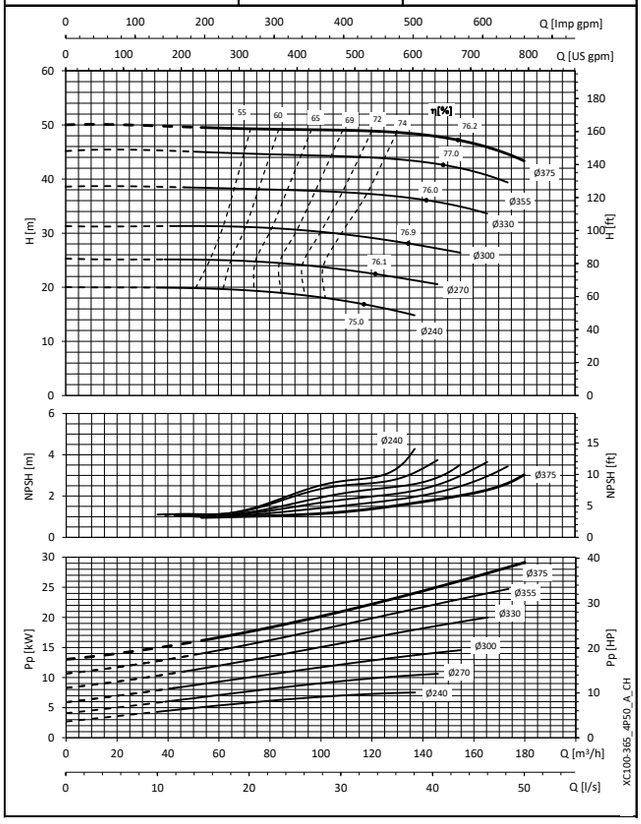
# e-XC SERIES
# OPERATING CHARACTERISTICS AT 50 Hz, 4 POLES

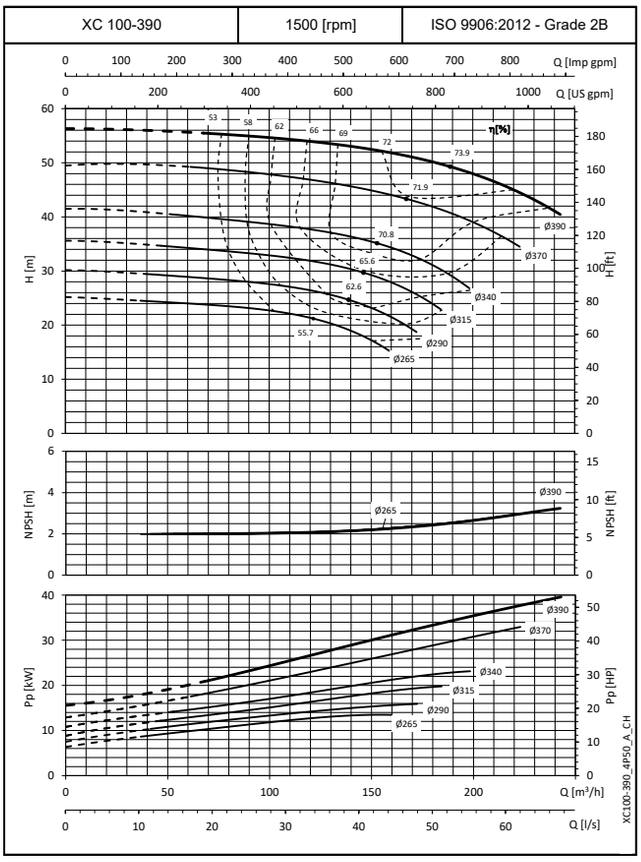
XC 100-350 | 1500 [rpm] | ISO 9906:2012 - Grade 2B



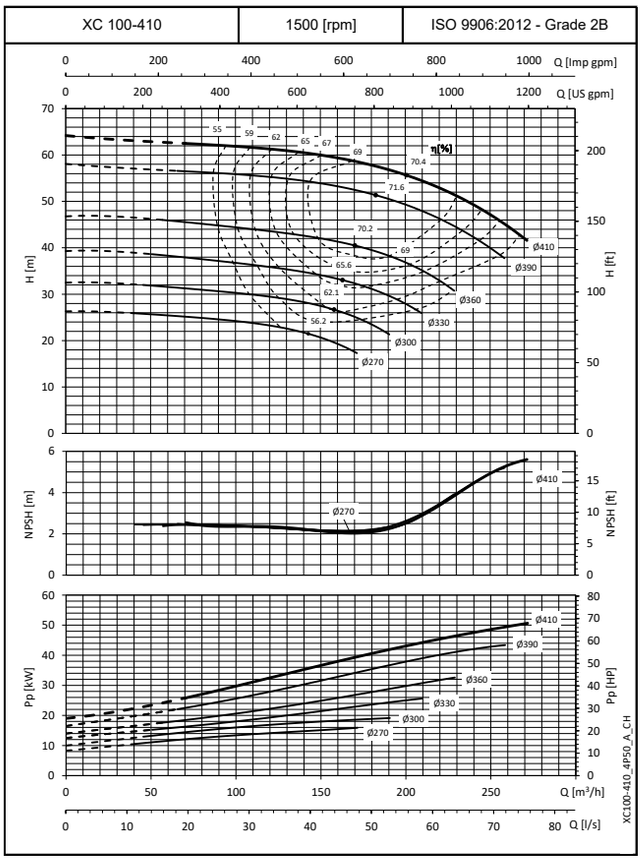

XC 100-365 | 1500 [rpm] | ISO 9906:2012 - Grade 2B




XC 100-390 | 1500 [rpm] | ISO 9906:2012 - Grade 2B




XC 100-410 | 1500 [rpm] | ISO 9906:2012 - Grade 2B




The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm3 and kinematic viscosity ν = 1 mm2/sec.

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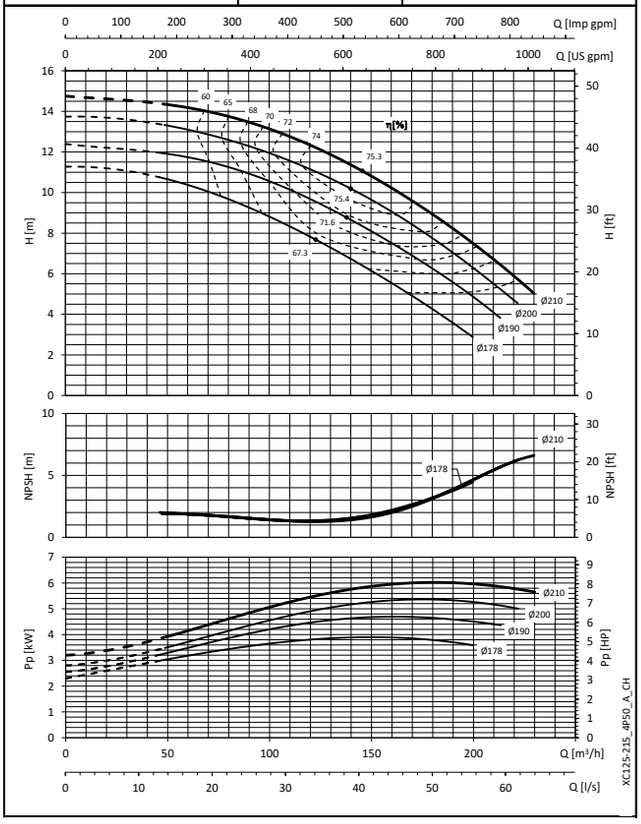
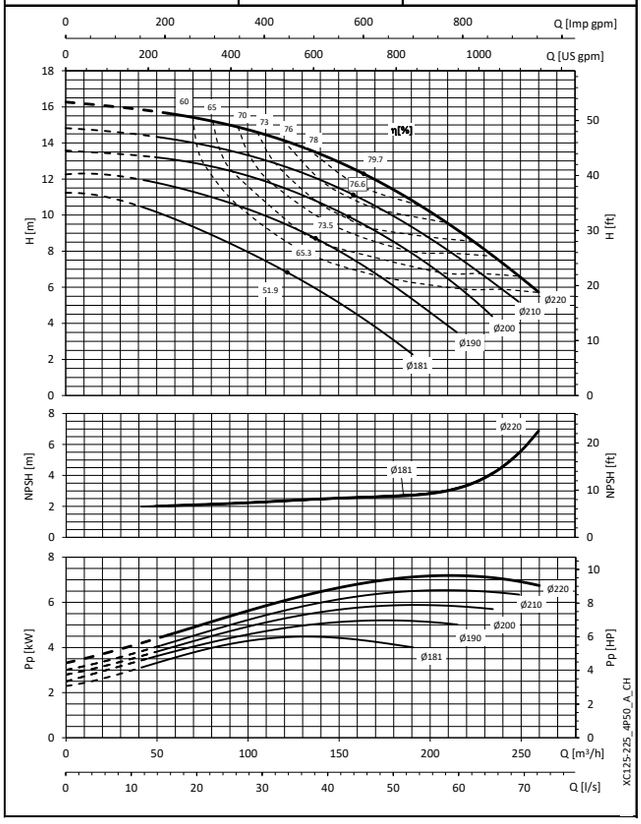
# e-XC SERIES
# OPERATING CHARACTERISTICS AT 50 Hz, 4 POLES

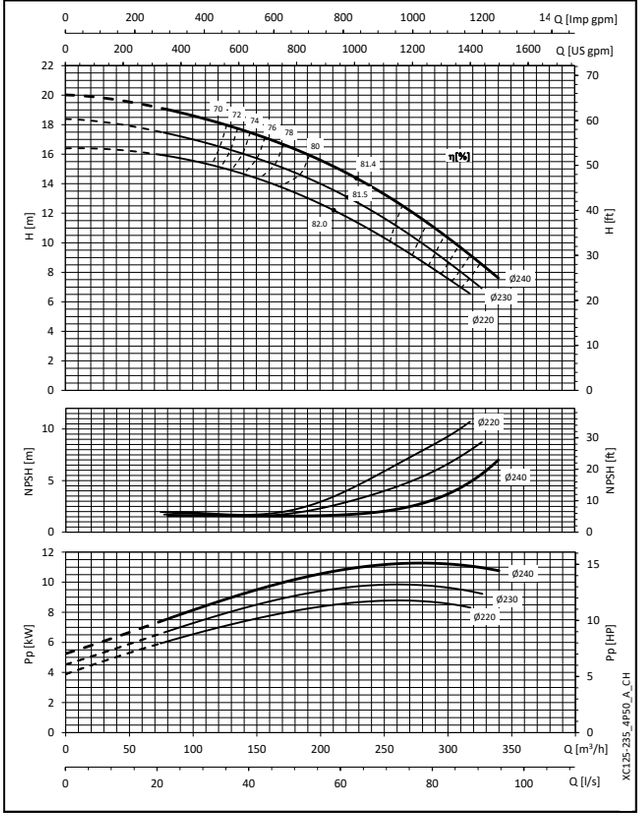
XC 125-215 | 1500 [rpm] | ISO 9906:2012 - Grade 2B



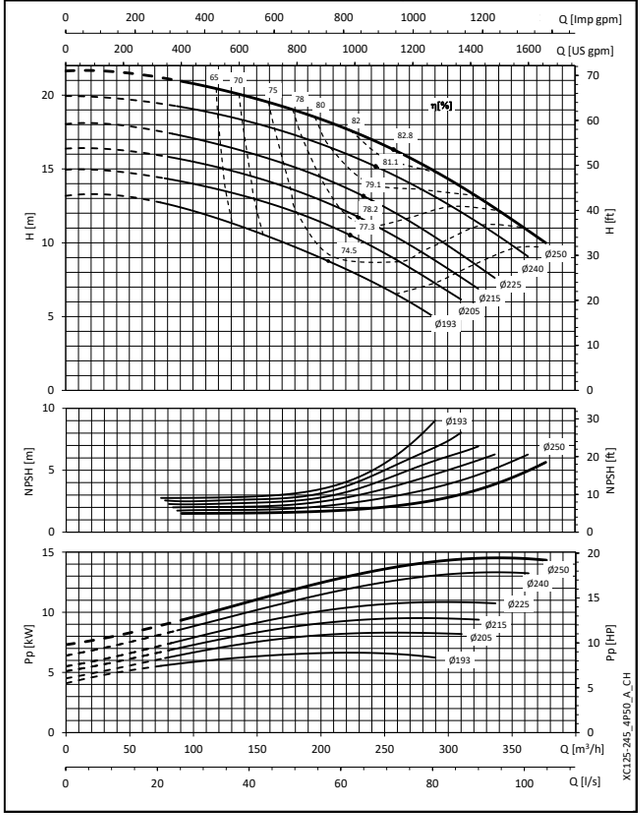

XC 125-225 | 1500 [rpm] | ISO 9906:2012 - Grade 2B




XC 125-235 | 1500 [rpm] | ISO 9906:2012 - Grade 2B




XC 125-245 | 1500 [rpm] | ISO 9906:2012 - Grade 2B




The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density $\rho$ = 1,0 Kg/dm3 and kinematic viscosity $\nu$ = 1 mm2/sec.

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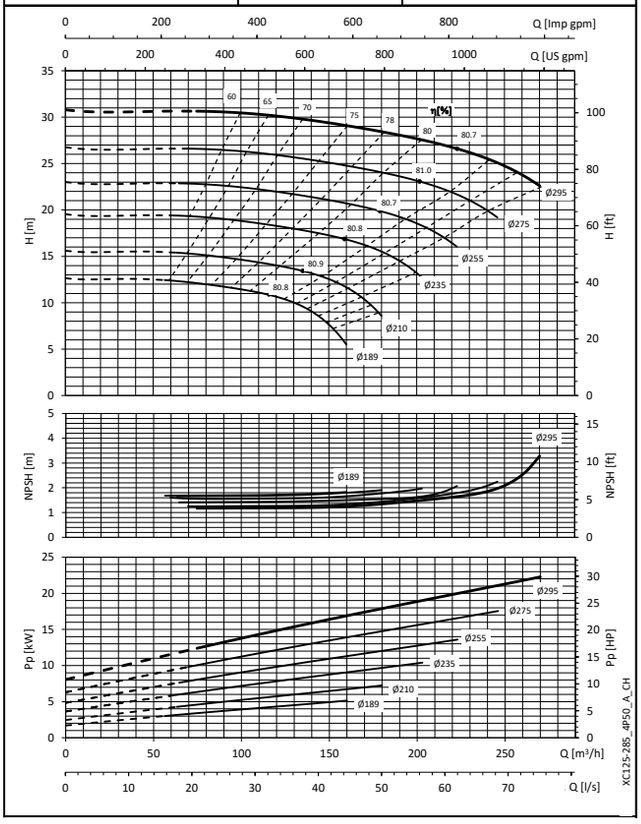
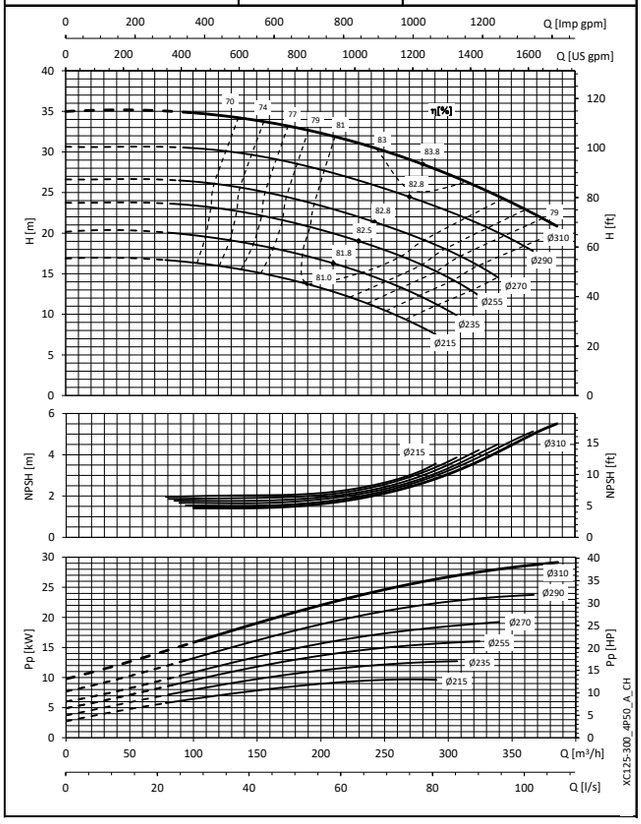
# e-XC SERIES
# OPERATING CHARACTERISTICS AT 50 Hz, 4 POLES

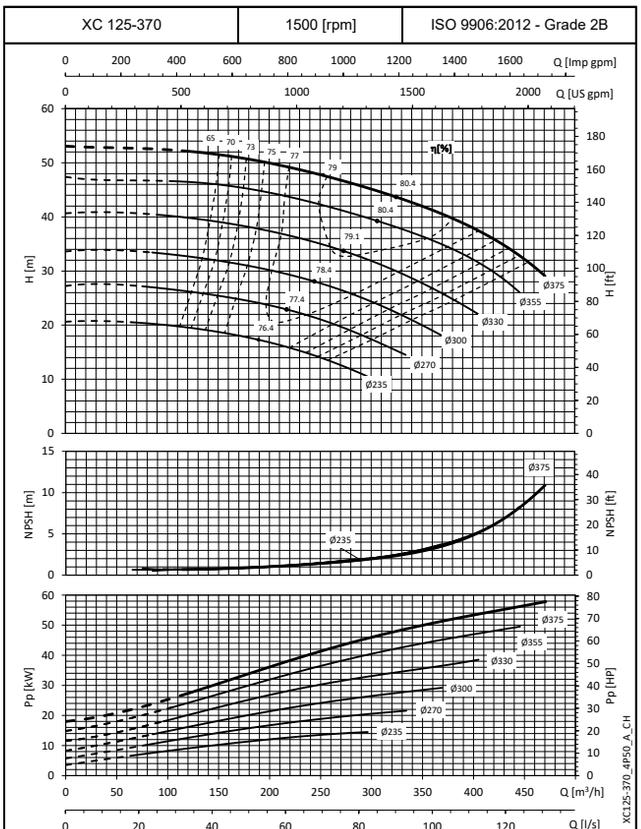
| XC 125-285 | 1500 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|



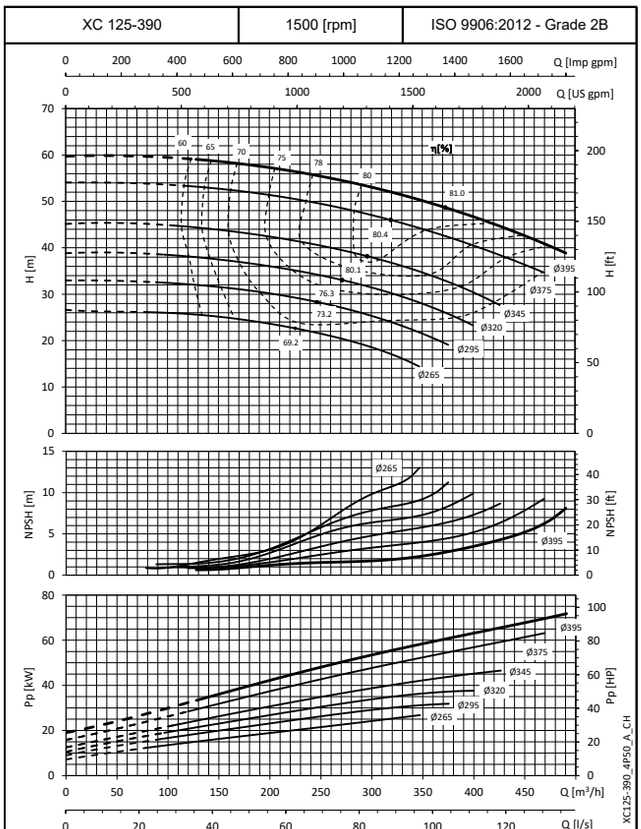

| XC 125-300 | 1500 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




| XC 125-370 | 1500 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




| XC 125-390 | 1500 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm3 and kinematic viscosity ν = 1 mm2/sec.

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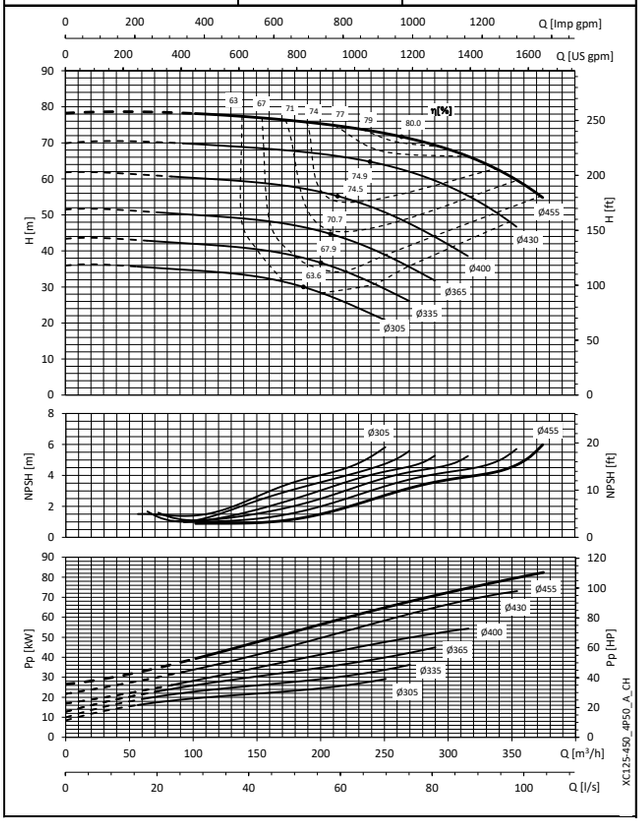
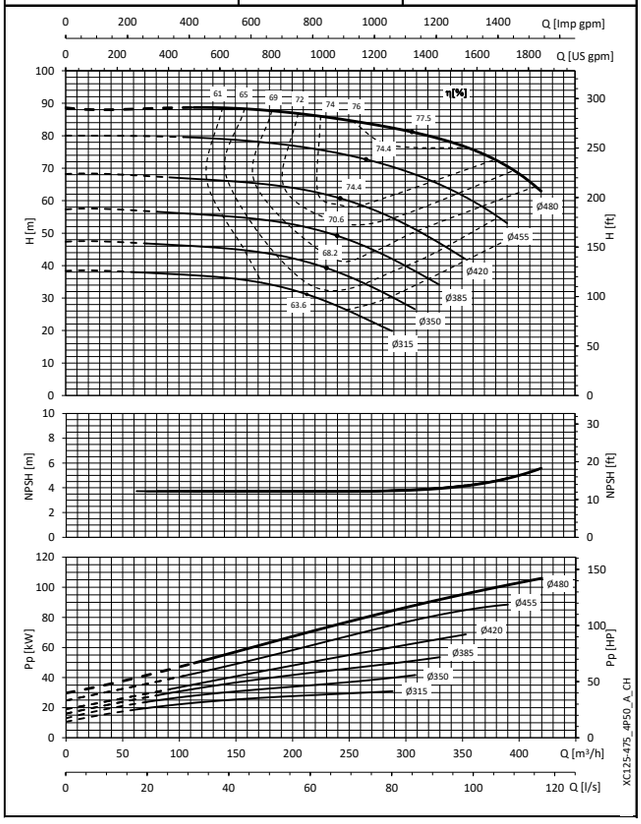
# e-XC SERIES
# OPERATING CHARACTERISTICS AT 50 Hz, 4 POLES

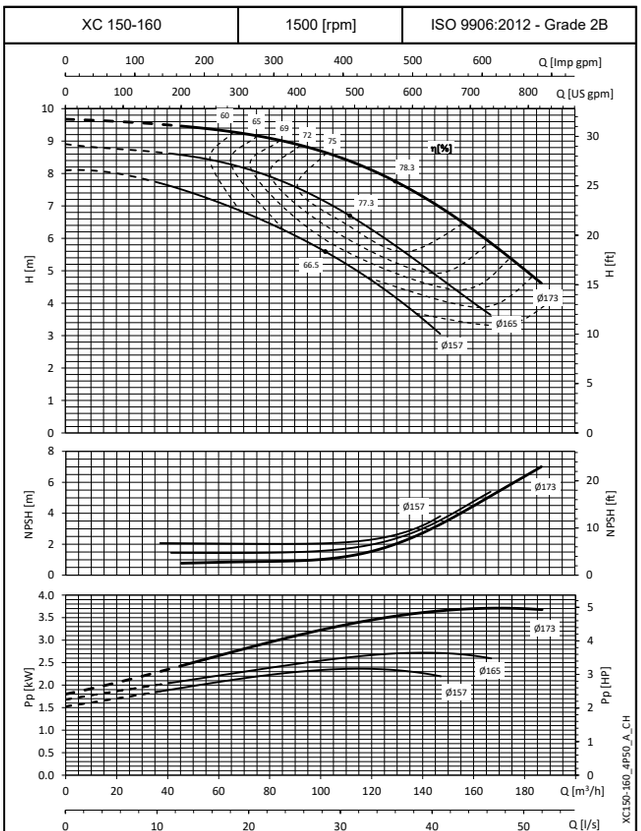
XC 125-450 | 1500 [rpm] | ISO 9906:2012 - Grade 2B



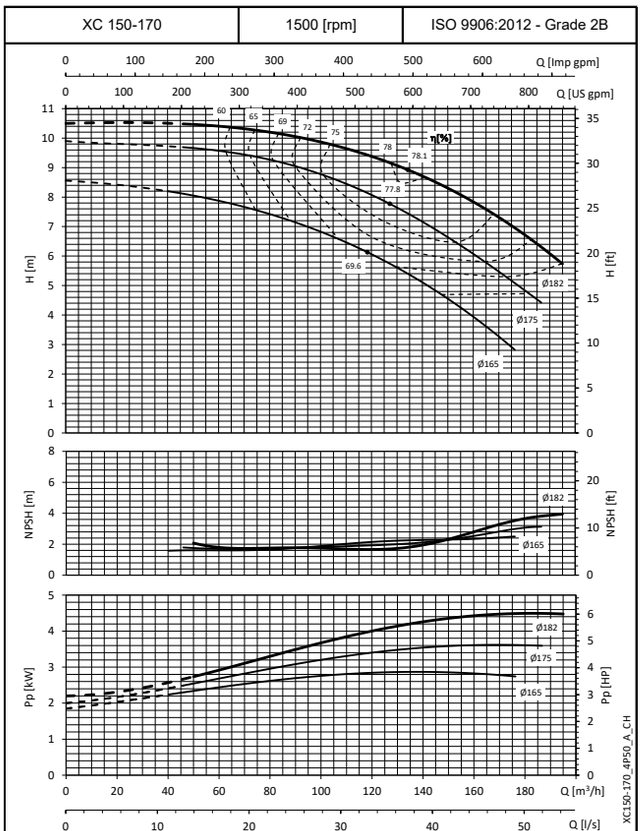

XC 125-475 | 1500 [rpm] | ISO 9906:2012 - Grade 2B




XC 150-160 | 1500 [rpm] | ISO 9906:2012 - Grade 2B




XC 150-170 | 1500 [rpm] | ISO 9906:2012 - Grade 2B




The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm3 and kinematic viscosity ν = 1 mm2/sec.

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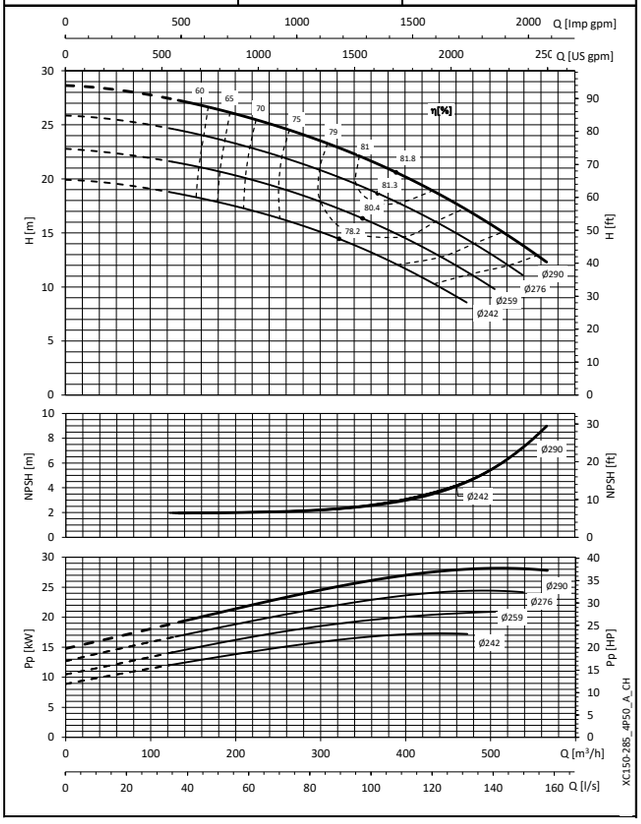
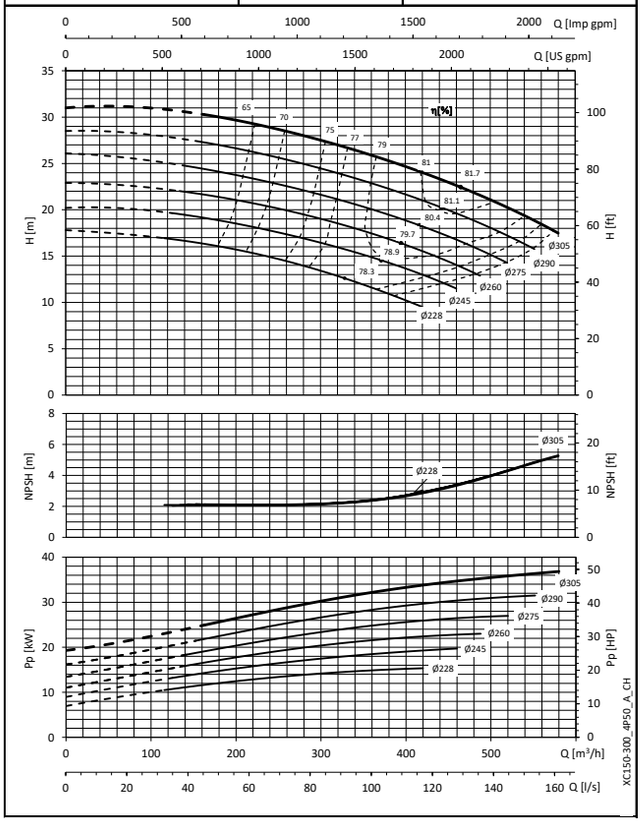
# e-XC SERIES
# OPERATING CHARACTERISTICS AT 50 Hz, 4 POLES

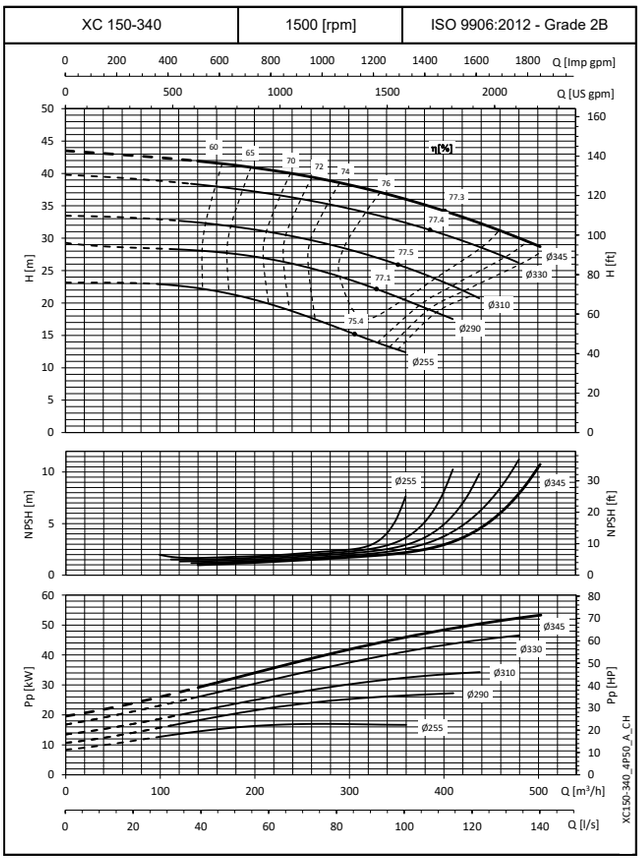
| XC 150-285 | 1500 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|



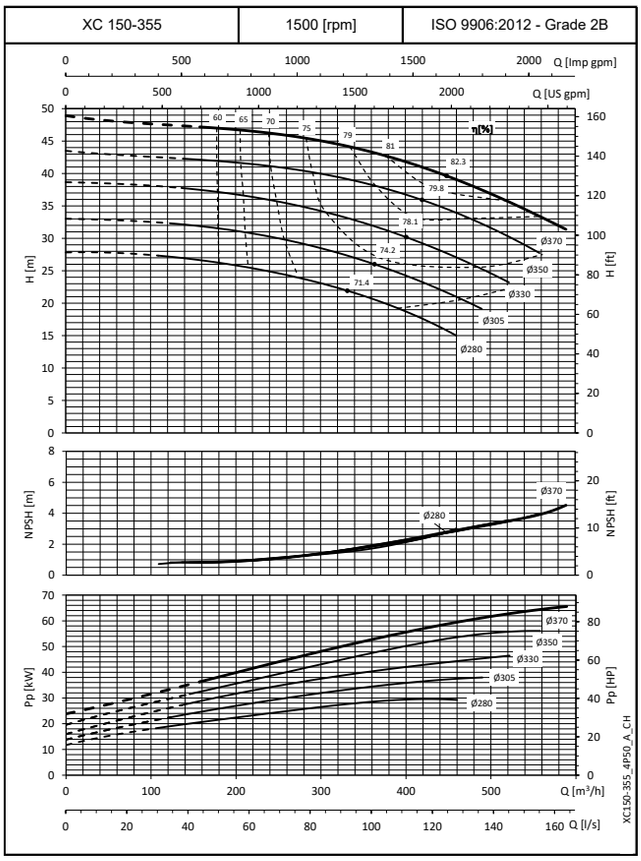

| XC 150-300 | 1500 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




| XC 150-340 | 1500 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




| XC 150-355 | 1500 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm3 and kinematic viscosity ν = 1 mm2/sec.

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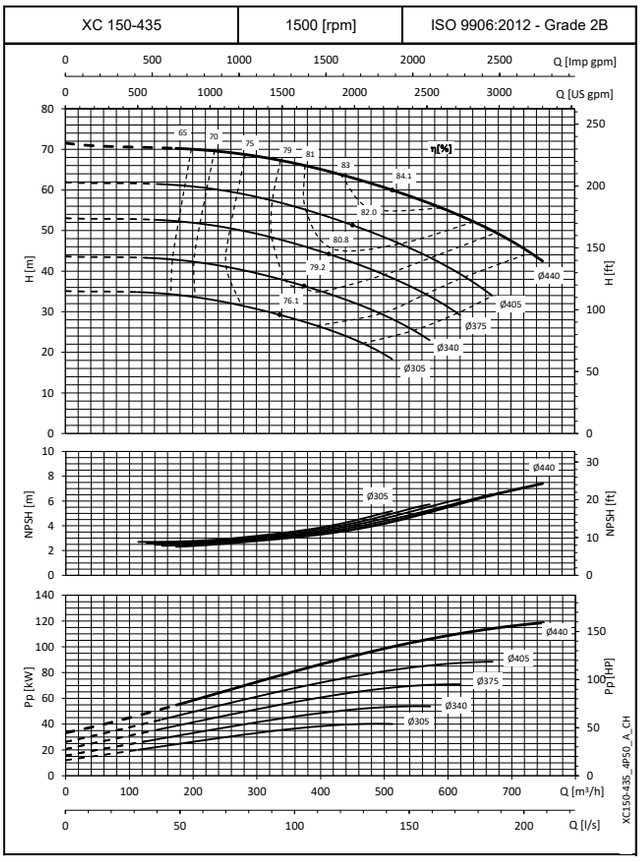
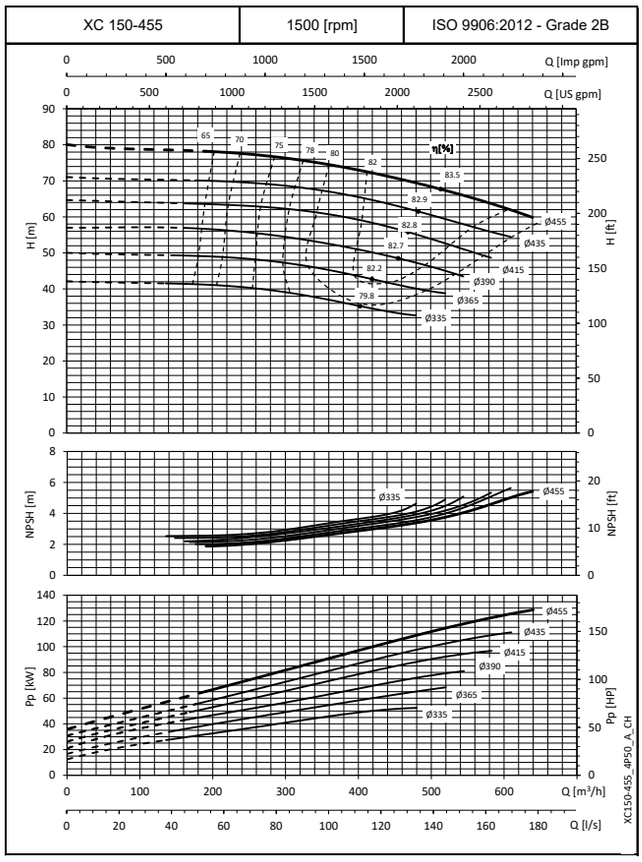
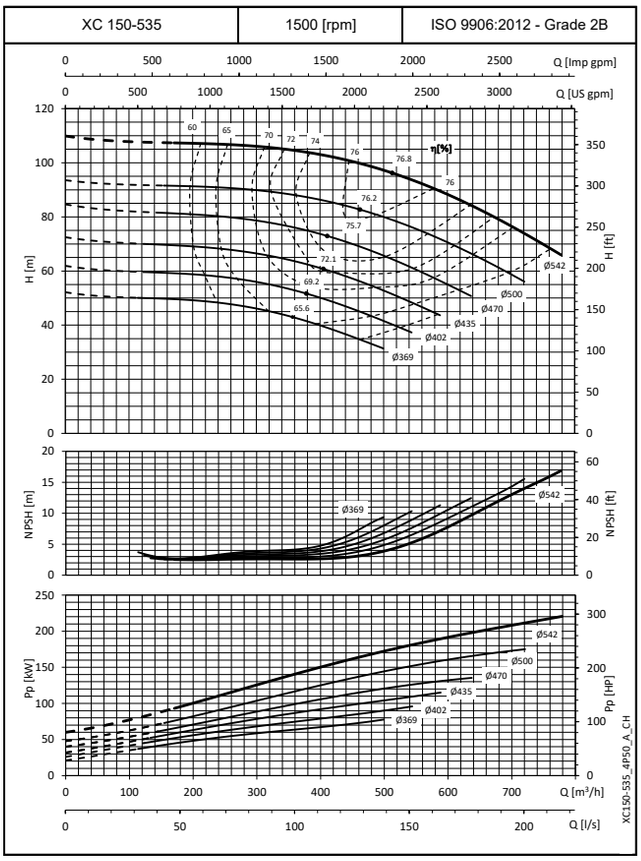
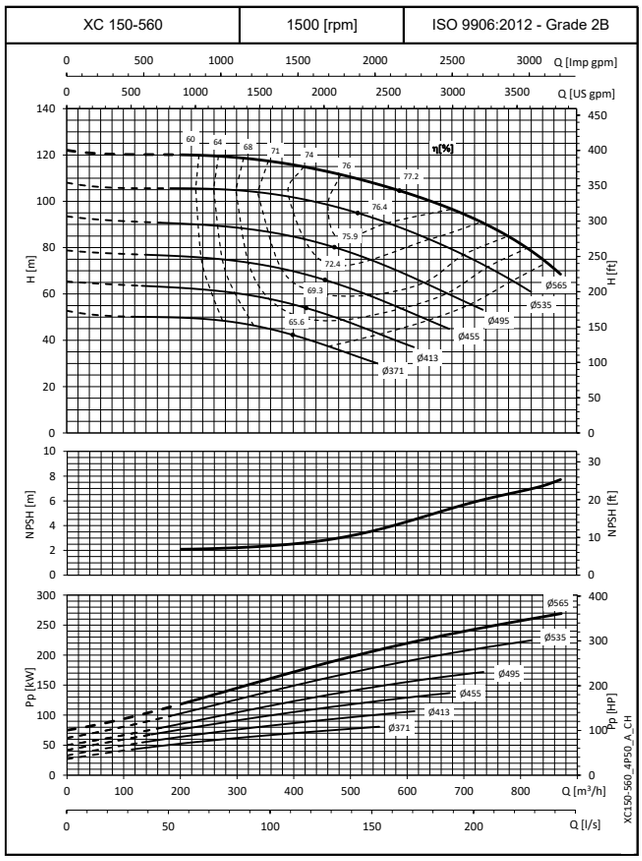
# e-XC SERIES
# OPERATING CHARACTERISTICS AT 50 Hz, 4 POLES




The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm3 and kinematic viscosity ν = 1 mm2/sec.

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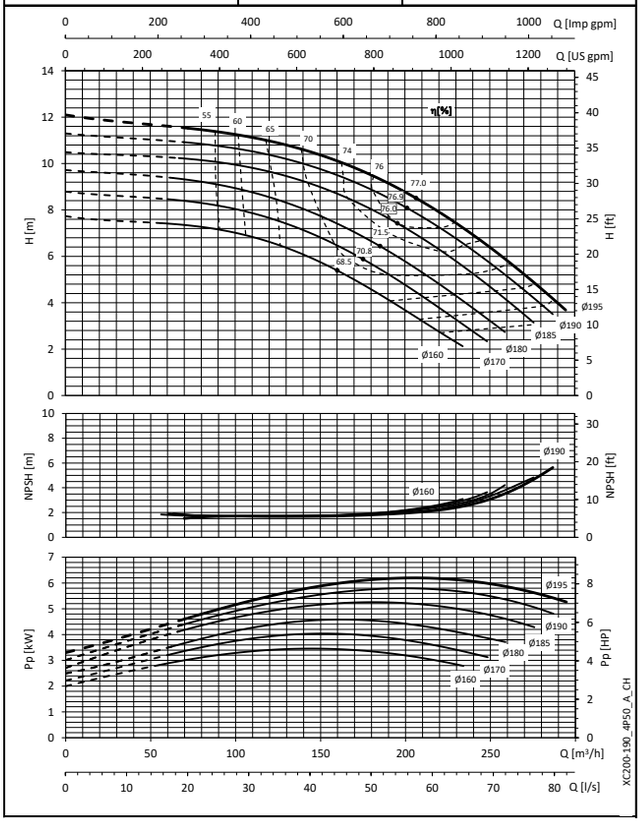
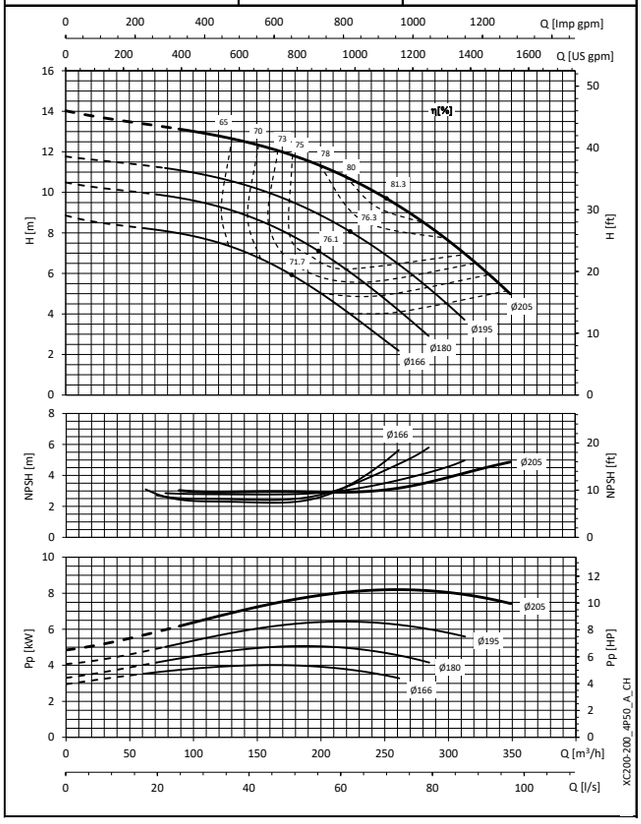
# e-XC SERIES
# OPERATING CHARACTERISTICS AT 50 Hz, 4 POLES

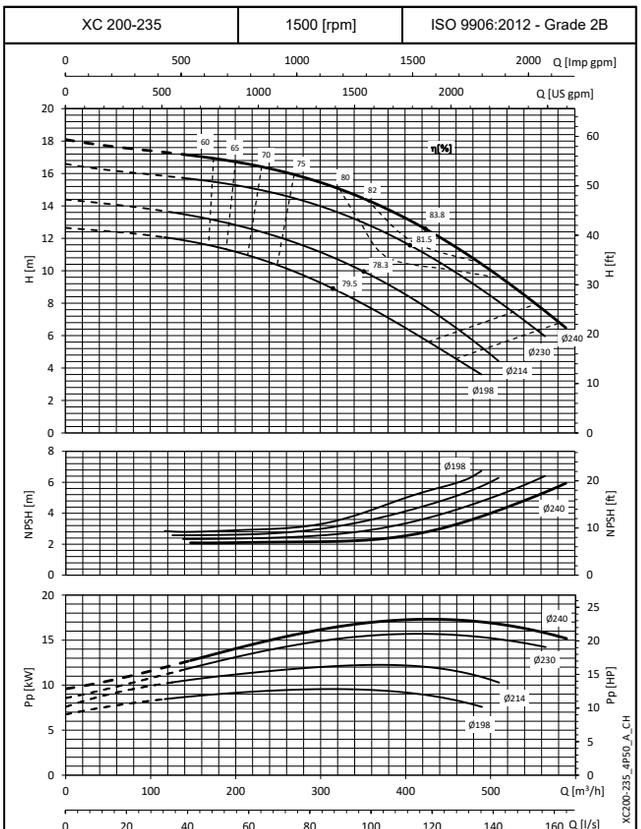
XC 200-190 | 1500 [rpm] | ISO 9906:2012 - Grade 2B



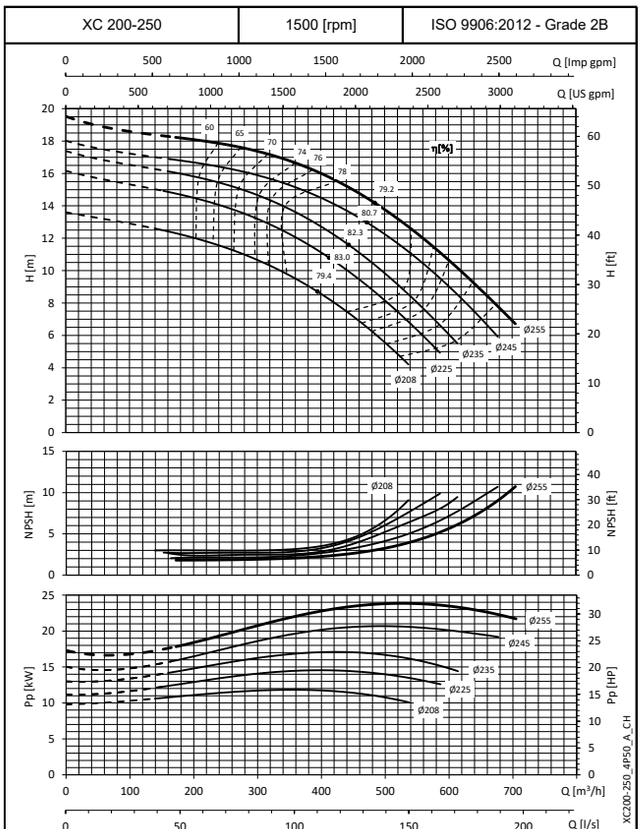

XC 200-200 | 1500 [rpm] | ISO 9906:2012 - Grade 2B




XC 200-235 | 1500 [rpm] | ISO 9906:2012 - Grade 2B



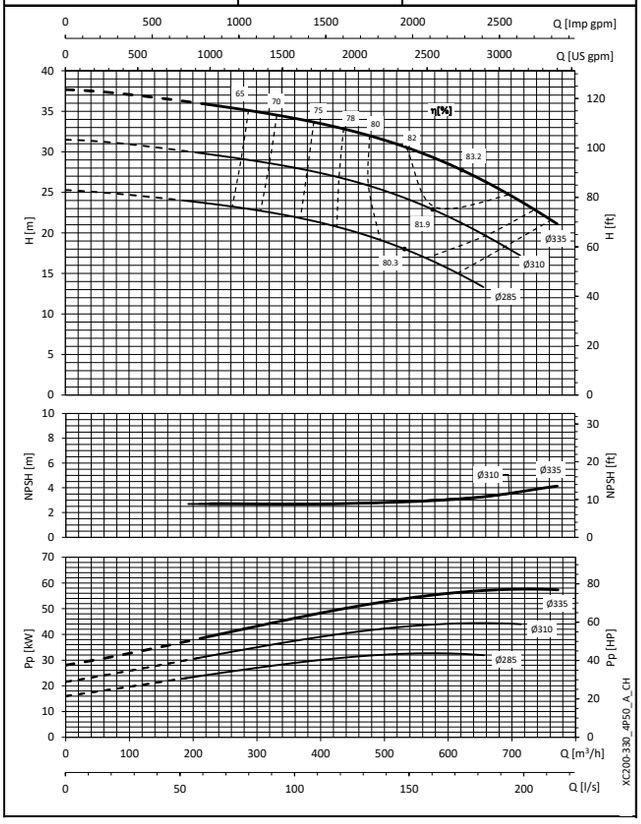

XC 200-250 | 1500 [rpm] | ISO 9906:2012 - Grade 2B



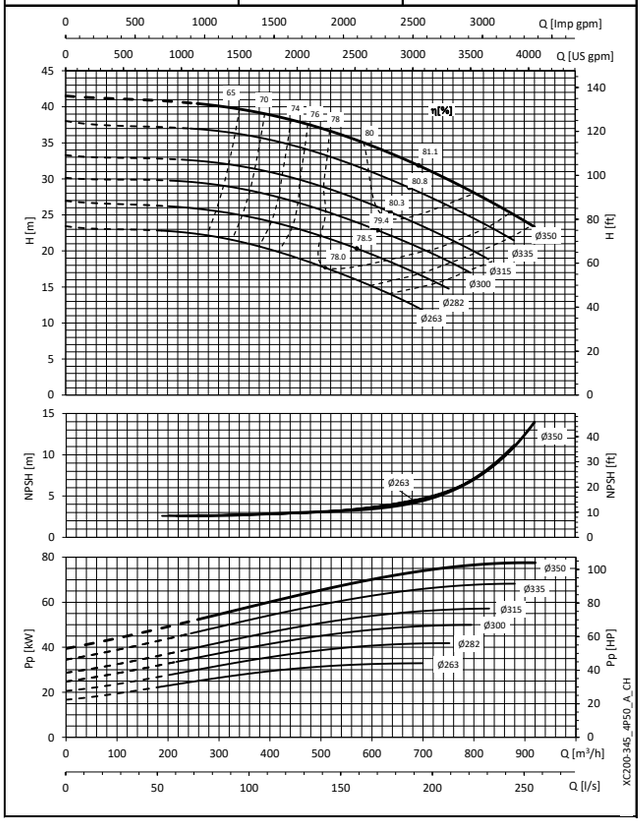

The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm3 and kinematic viscosity ν = 1 mm2/sec.

# e-XC SERIES
# OPERATING CHARACTERISTICS AT 50 Hz, 4 POLES

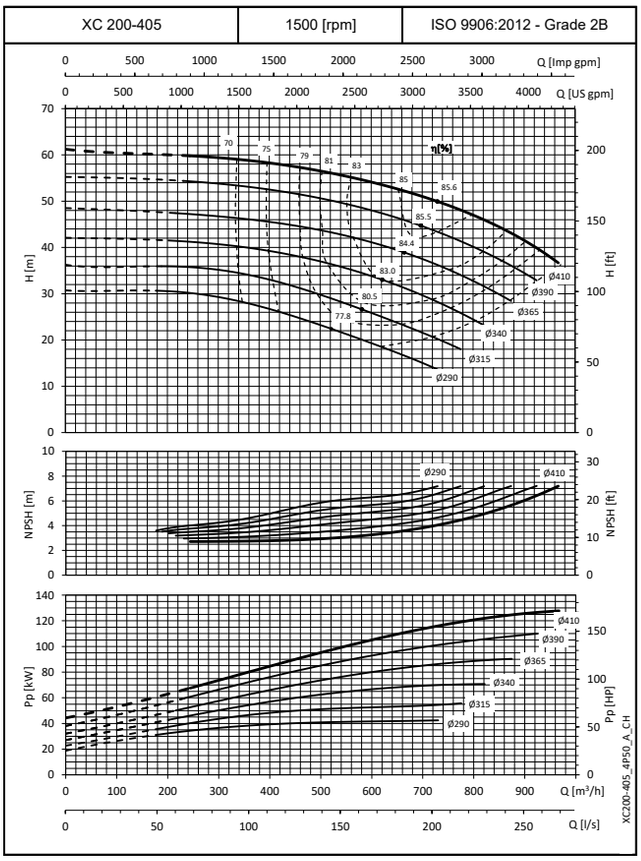
| XC 200-330 | 1500 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|



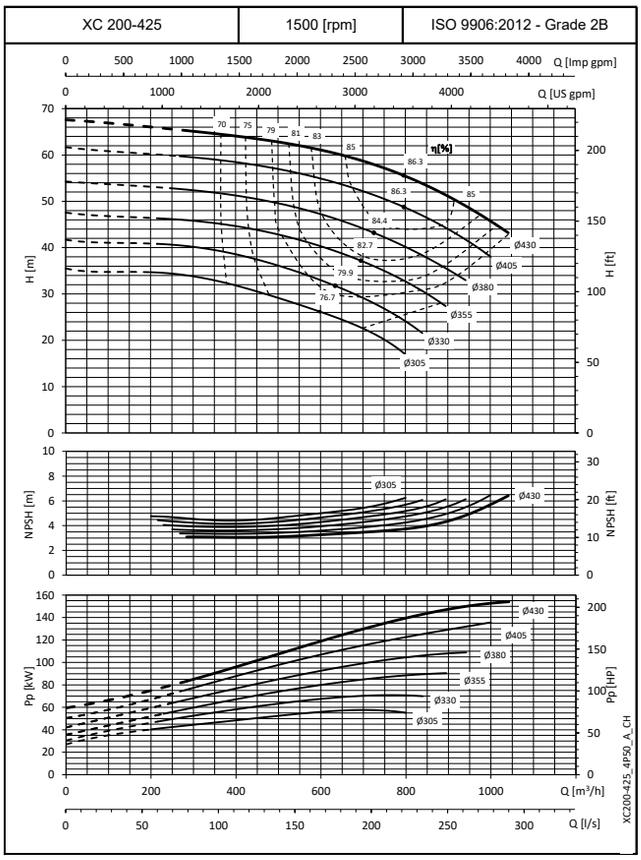

| XC 200-345 | 1500 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




| XC 200-405 | 1500 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




| XC 200-425 | 1500 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm3 and kinematic viscosity ν = 1 mm2/sec.

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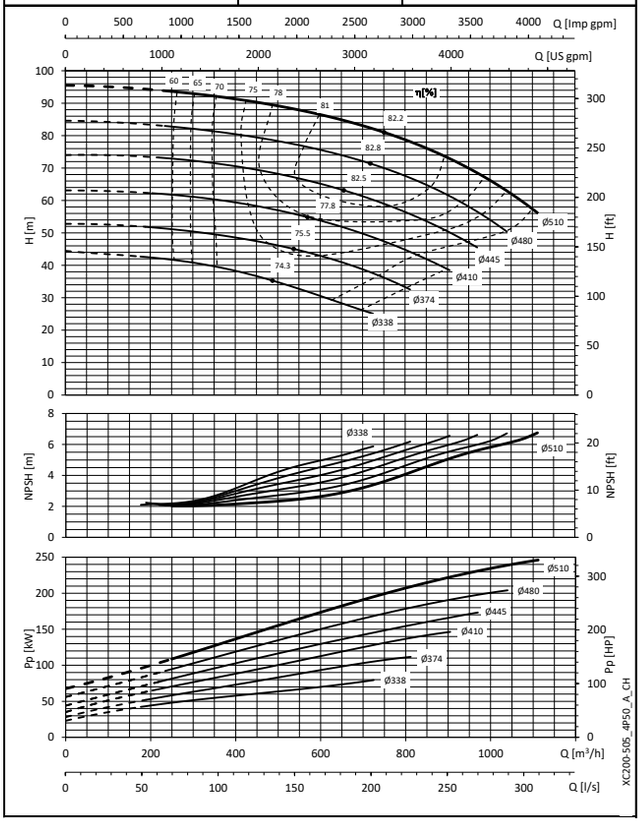
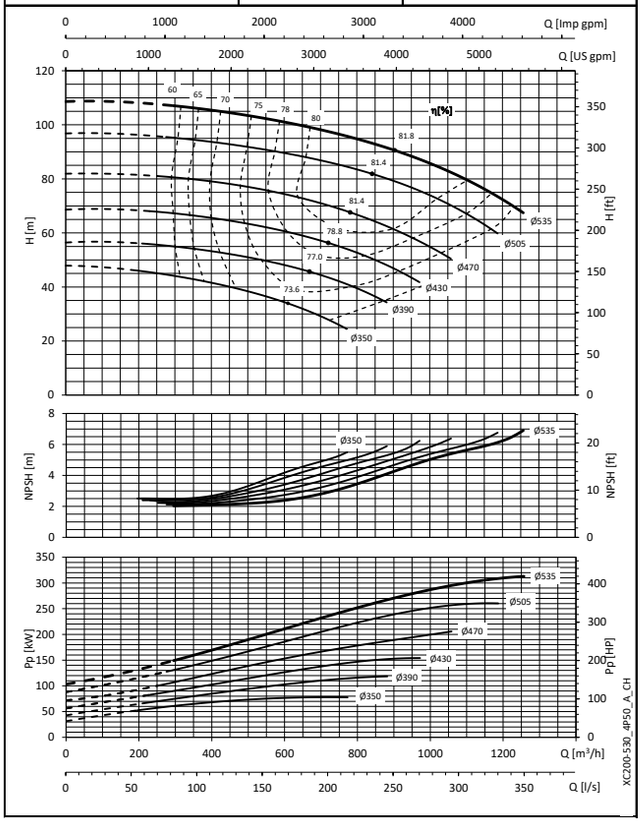
# e-XC SERIES
# OPERATING CHARACTERISTICS AT 50 Hz, 4 POLES

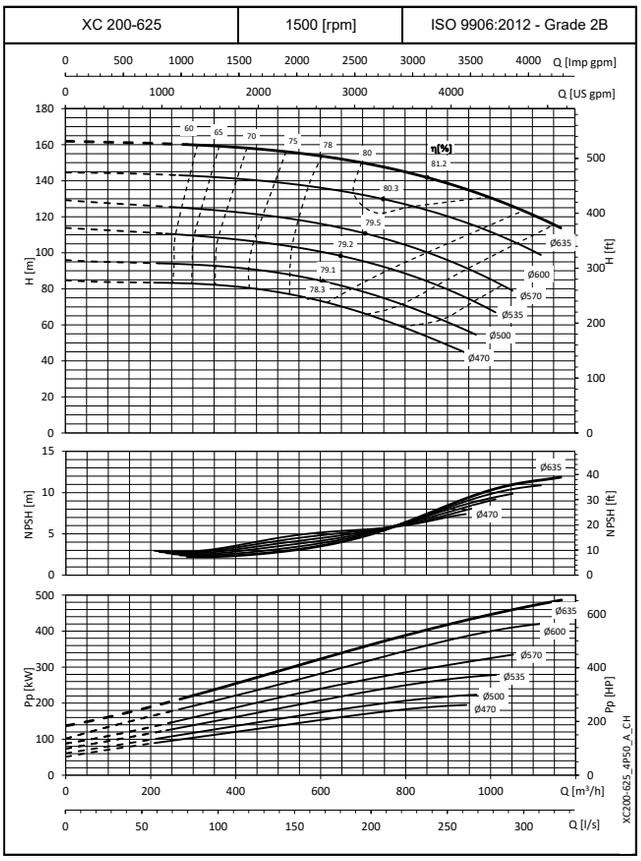
XC 200-505 | 1500 [rpm] | ISO 9906:2012 - Grade 2B



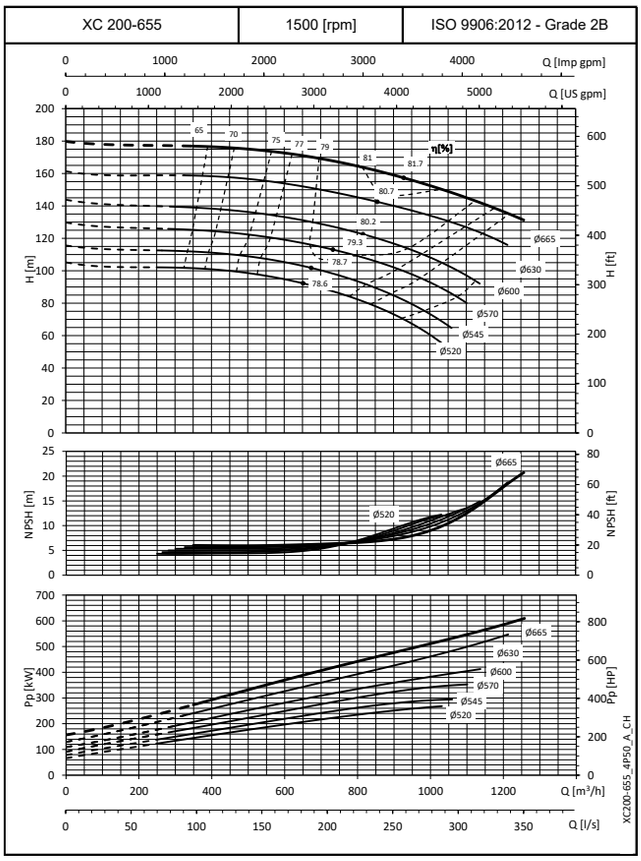

XC 200-530 | 1500 [rpm] | ISO 9906:2012 - Grade 2B




XC 200-625 | 1500 [rpm] | ISO 9906:2012 - Grade 2B




XC 200-655 | 1500 [rpm] | ISO 9906:2012 - Grade 2B




The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm3 and kinematic viscosity ν = 1 mm2/sec.

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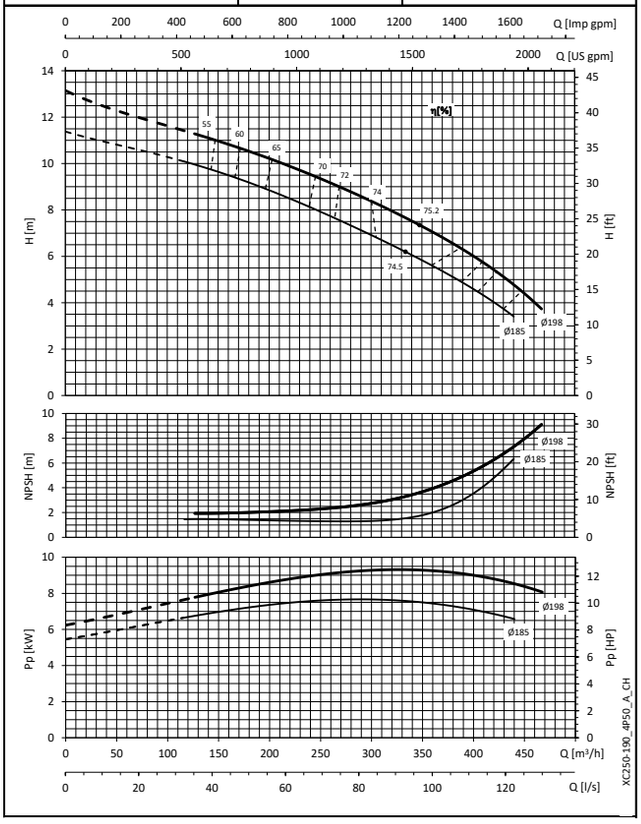
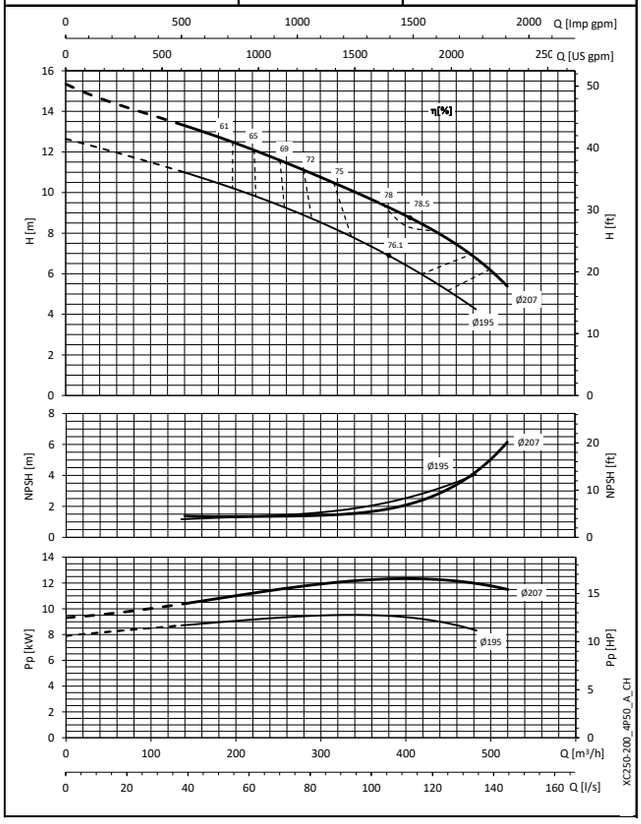
# e-XC SERIES
# OPERATING CHARACTERISTICS AT 50 Hz, 4 POLES

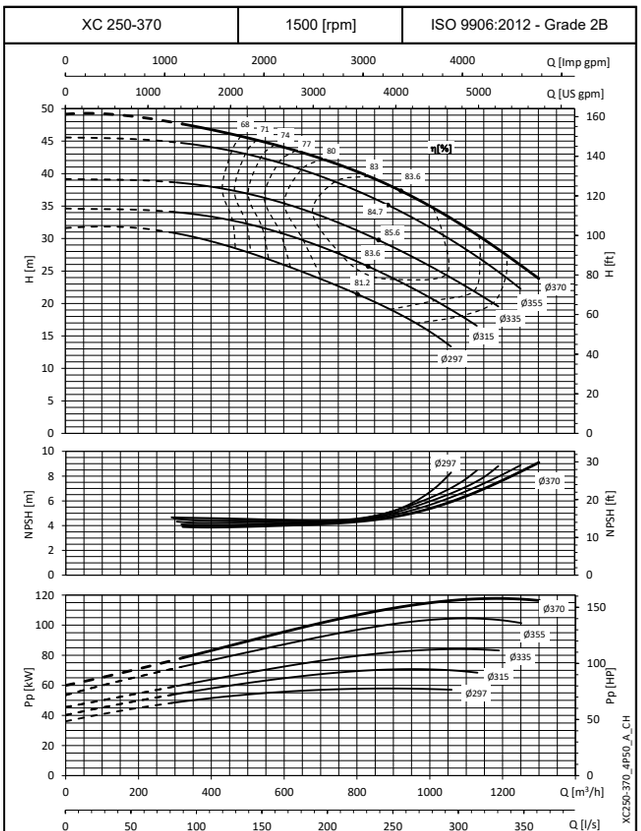
| XC 250-190 | 1500 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|



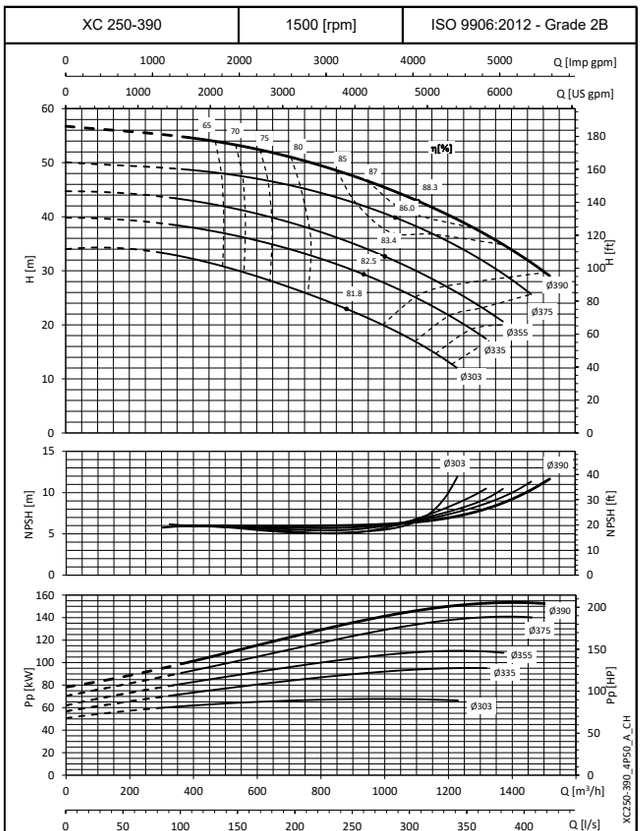

| XC 250-200 | 1500 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




| XC 250-370 | 1500 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




| XC 250-390 | 1500 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm3 and kinematic viscosity ν = 1 mm2/sec.

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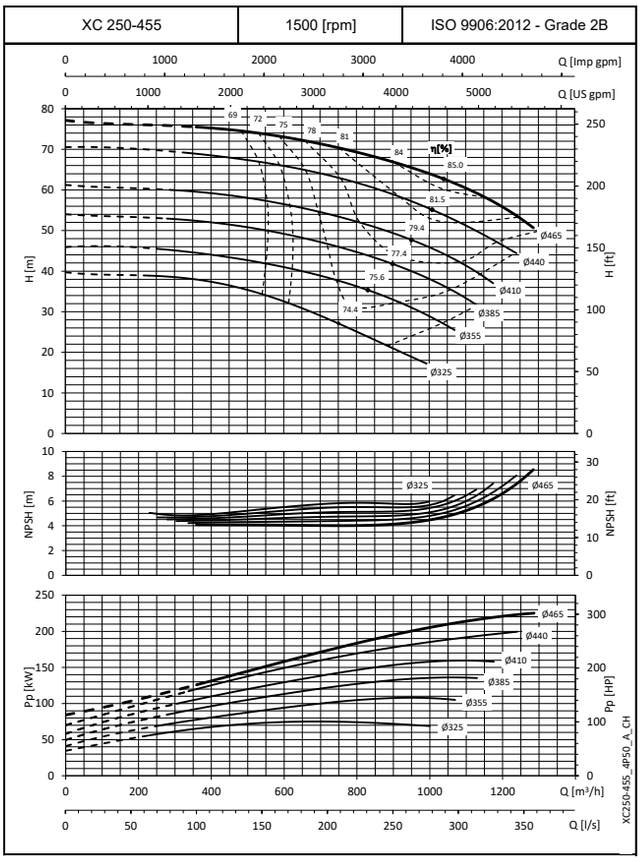
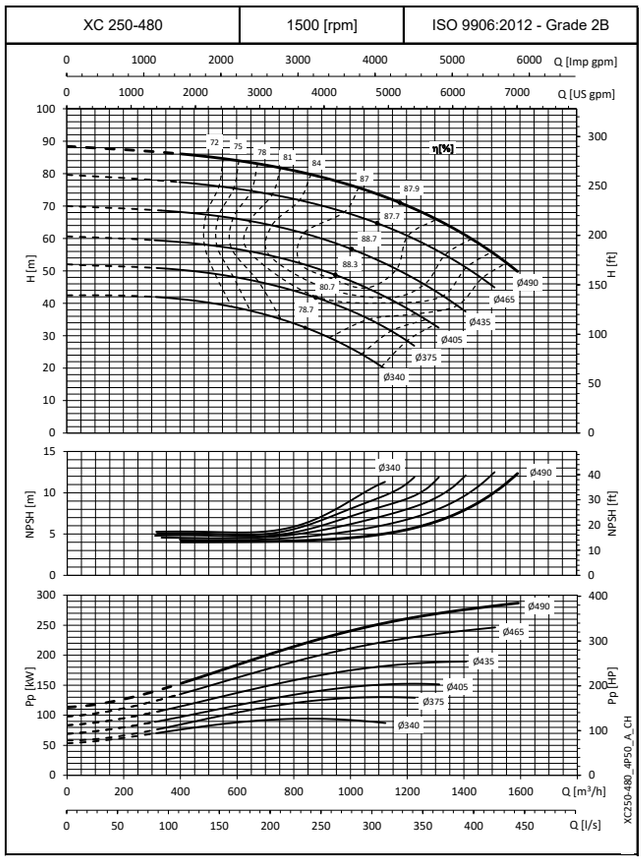
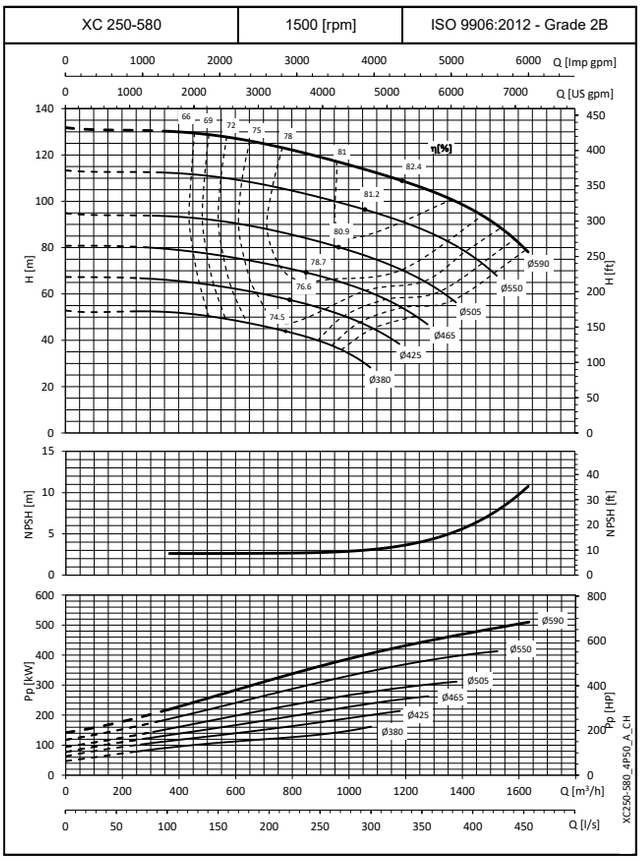
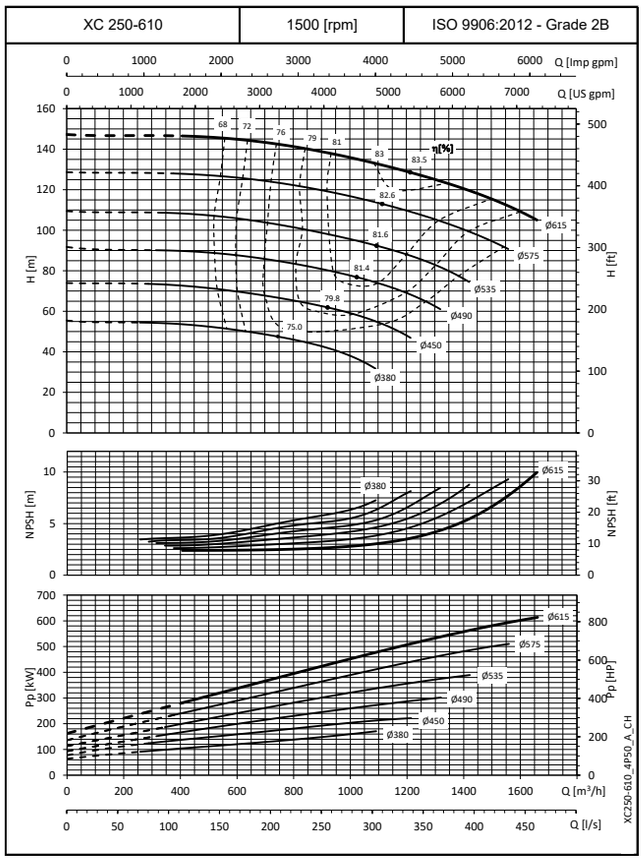
# e-XC SERIES
# OPERATING CHARACTERISTICS AT 50 Hz, 4 POLES



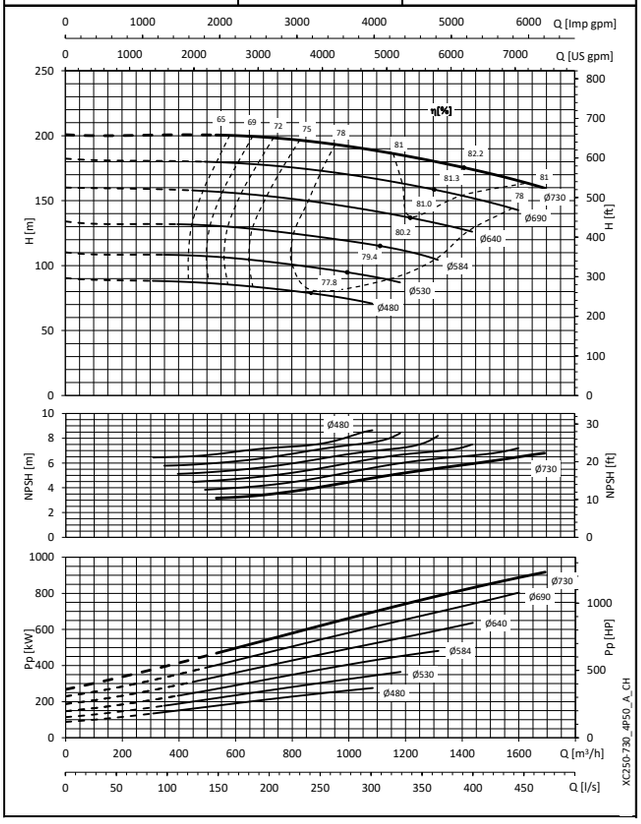



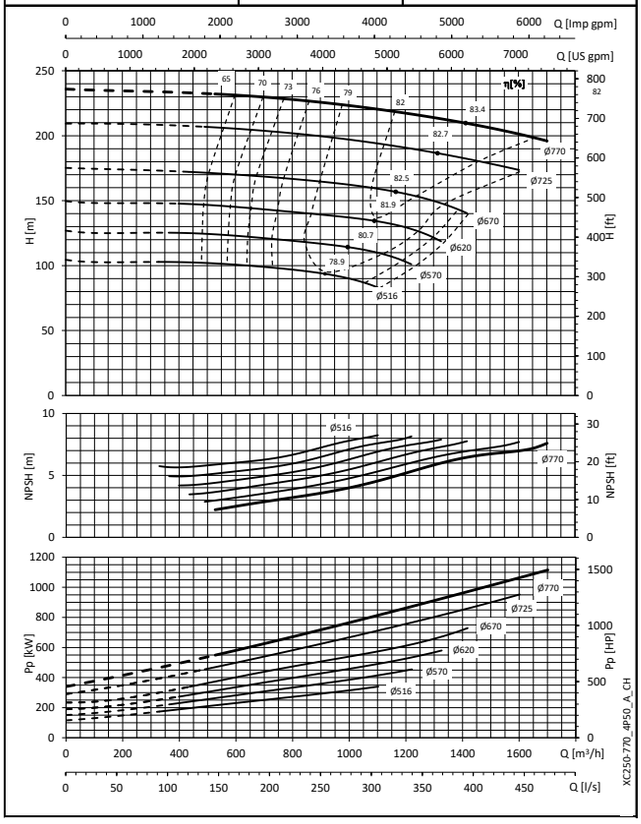

The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm3 and kinematic viscosity ν = 1 mm2/sec.

# e-XC SERIES
# OPERATING CHARACTERISTICS AT 50 Hz, 4 POLES

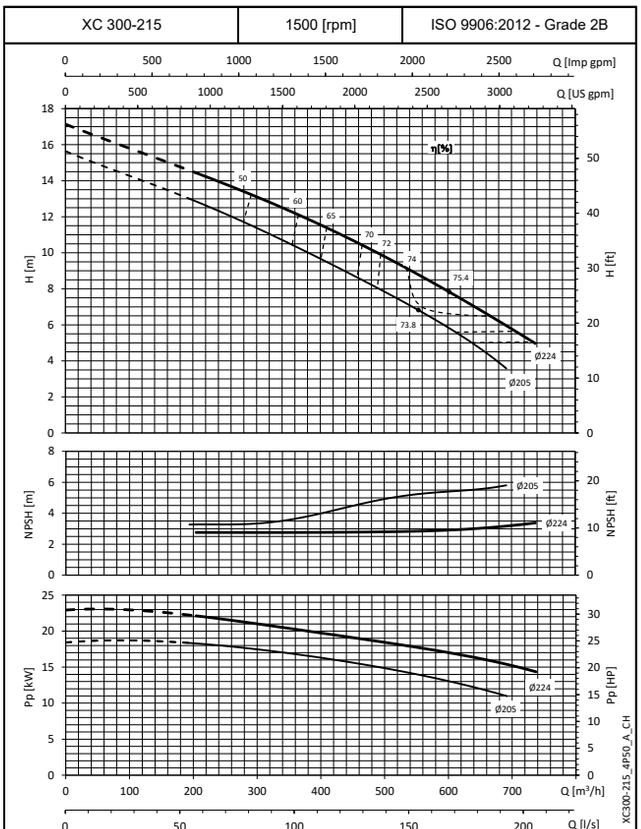
| XC 250-730 | 1500 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|



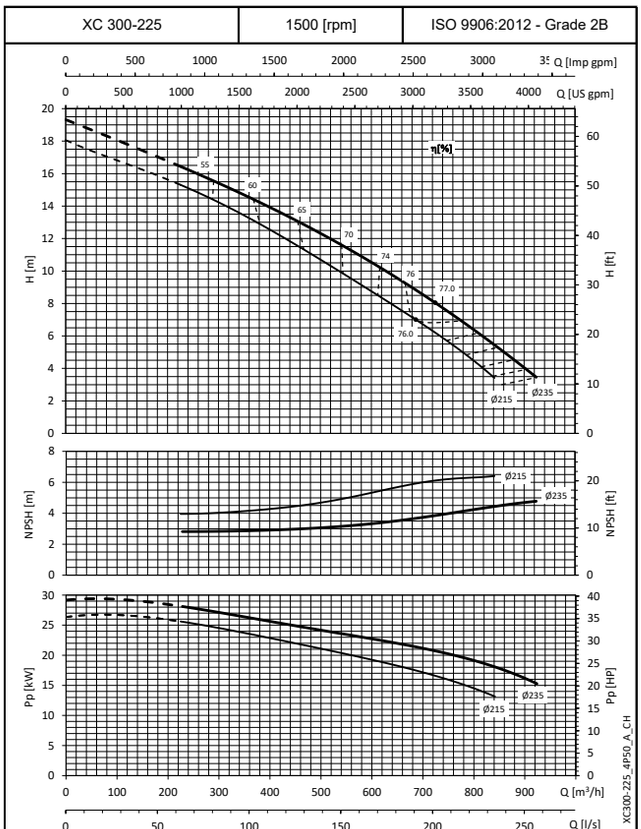

| XC 250-770 | 1500 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




| XC 300-215 | 1500 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




| XC 300-225 | 1500 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm3 and kinematic viscosity ν = 1 mm2/sec.

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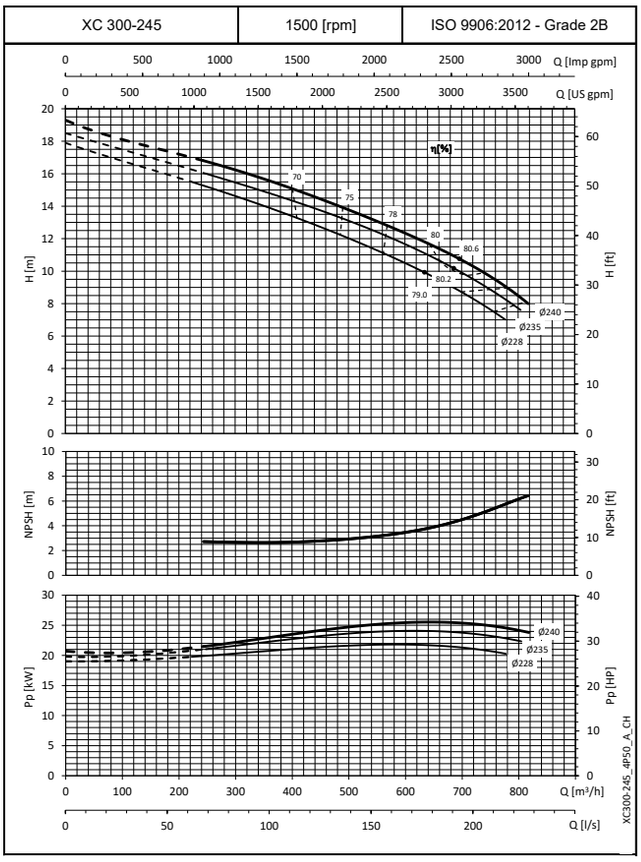
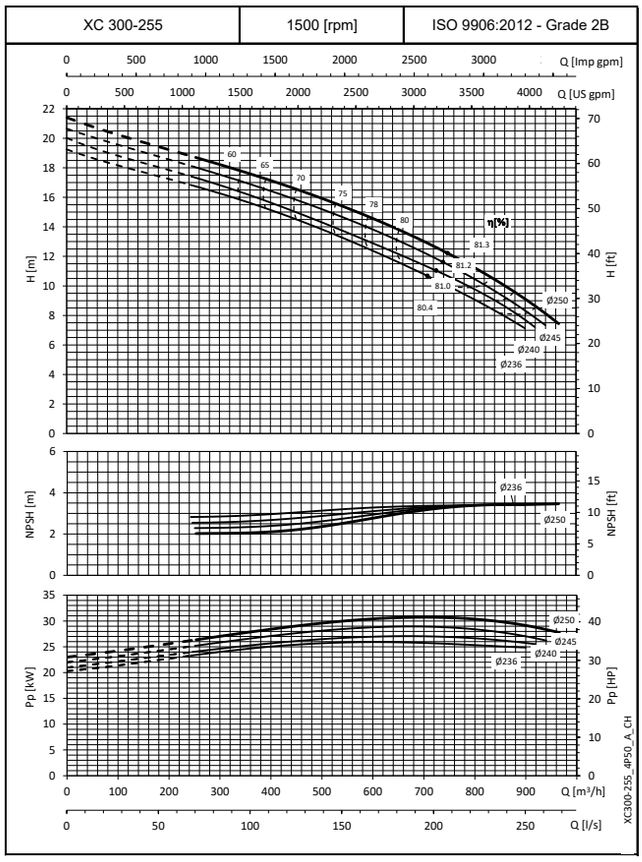
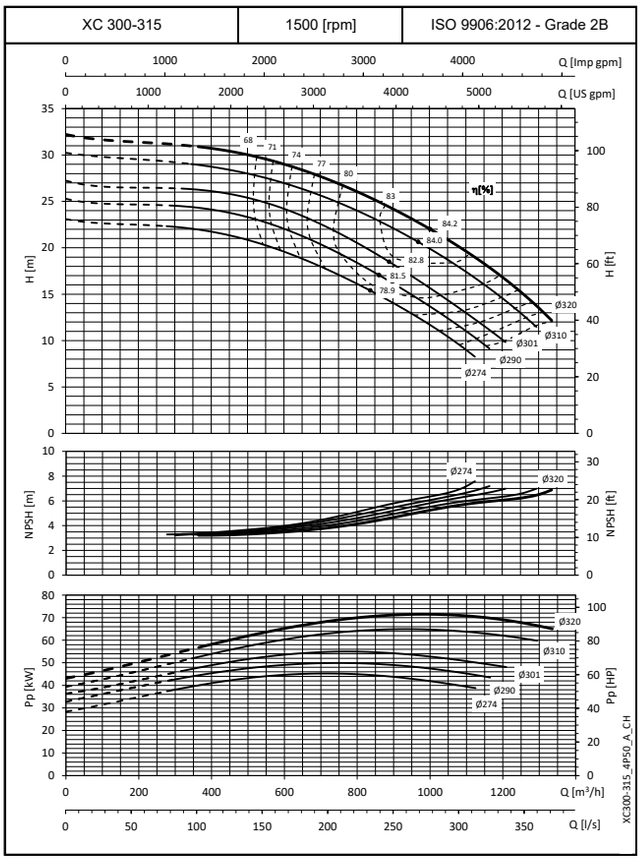
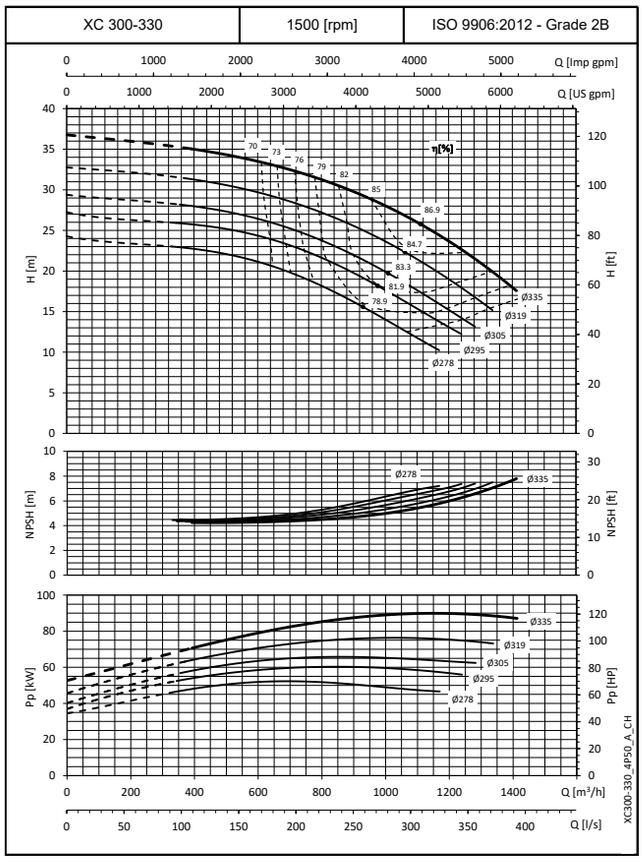
# e-XC SERIES
# OPERATING CHARACTERISTICS AT 50 Hz, 4 POLES




The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm3 and kinematic viscosity ν = 1 mm2/sec.

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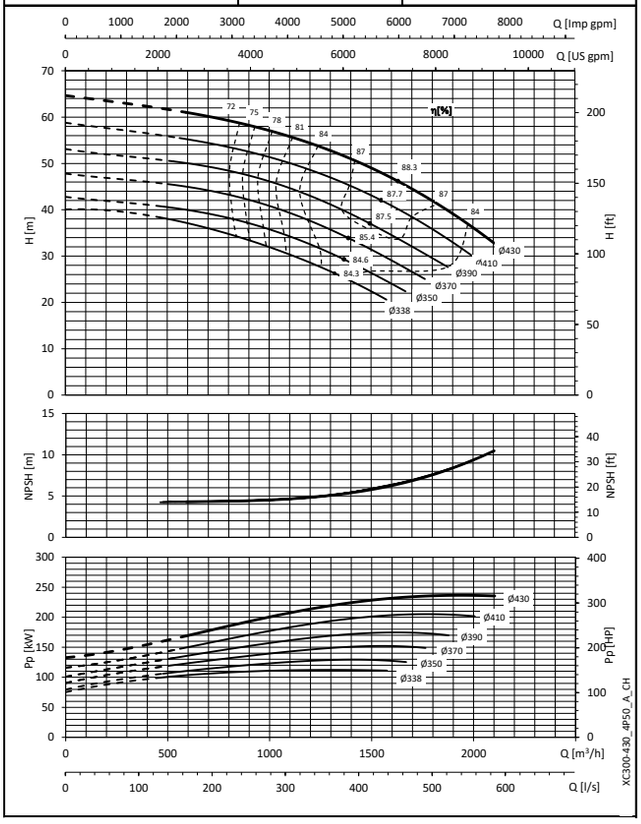
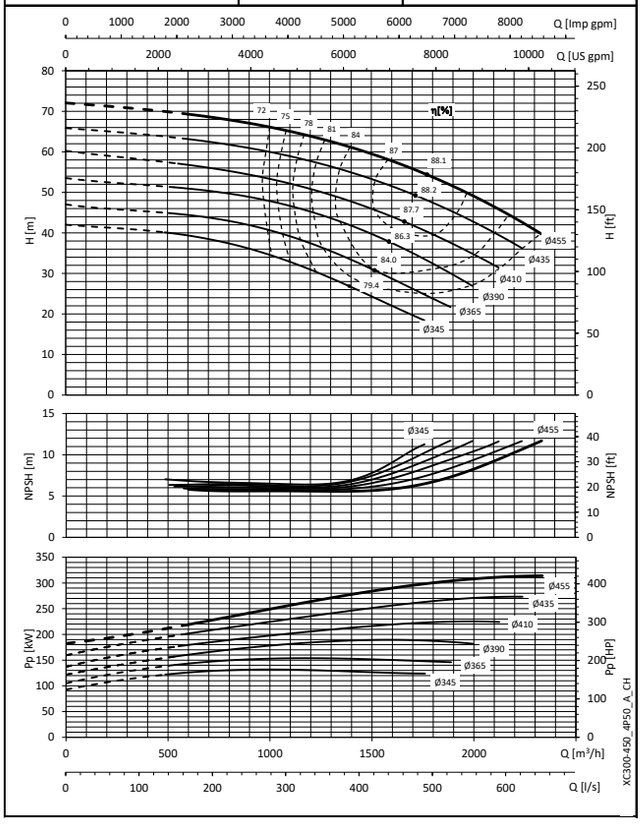
# e-XC SERIES
# OPERATING CHARACTERISTICS AT 50 Hz, 4 POLES

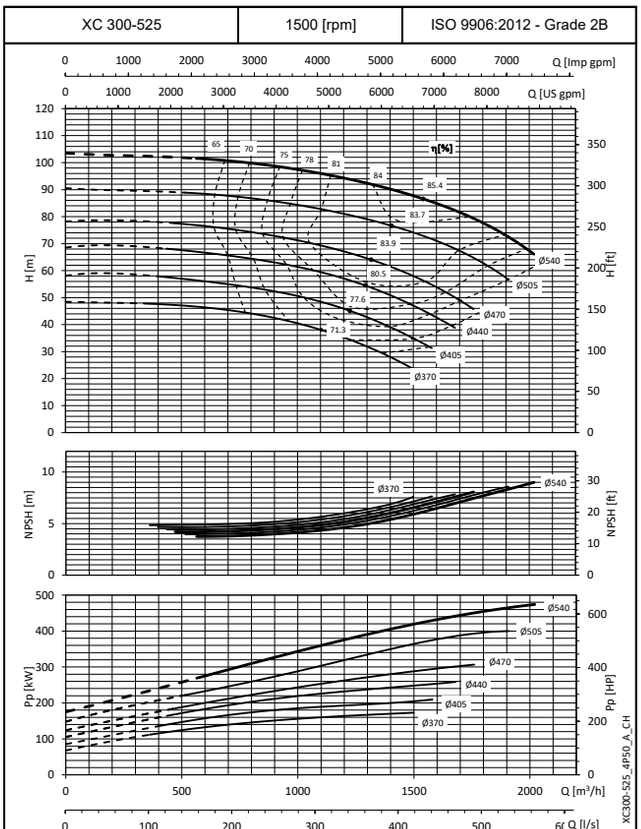
| XC 300-430 | 1500 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|



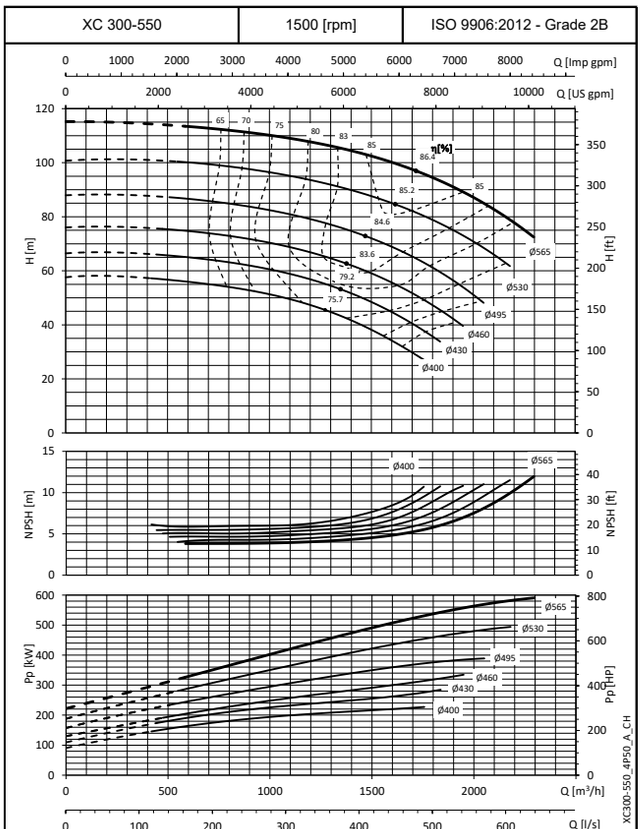

| XC 300-450 | 1500 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




| XC 300-525 | 1500 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




| XC 300-550 | 1500 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm3 and kinematic viscosity ν = 1 mm2/sec.

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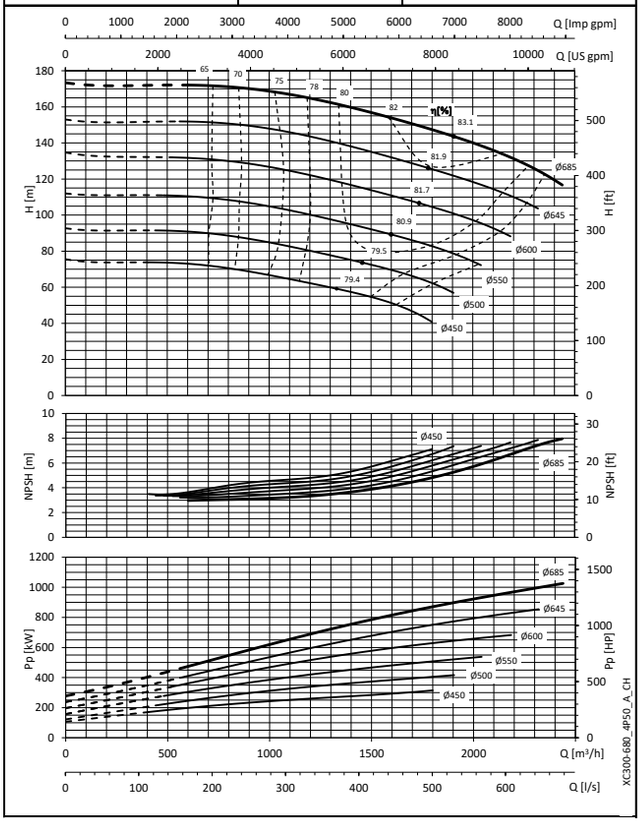
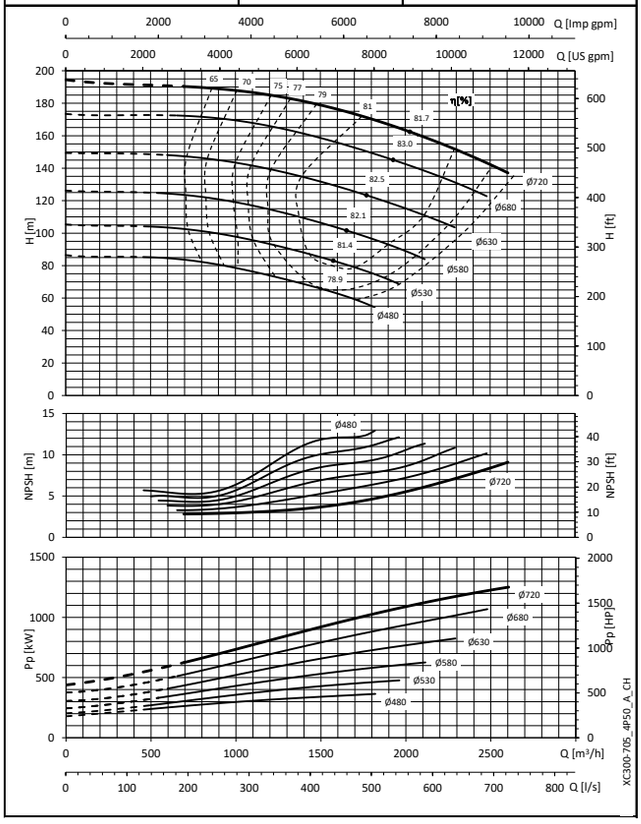
# e-XC SERIES
# OPERATING CHARACTERISTICS AT 50 Hz, 4 POLES

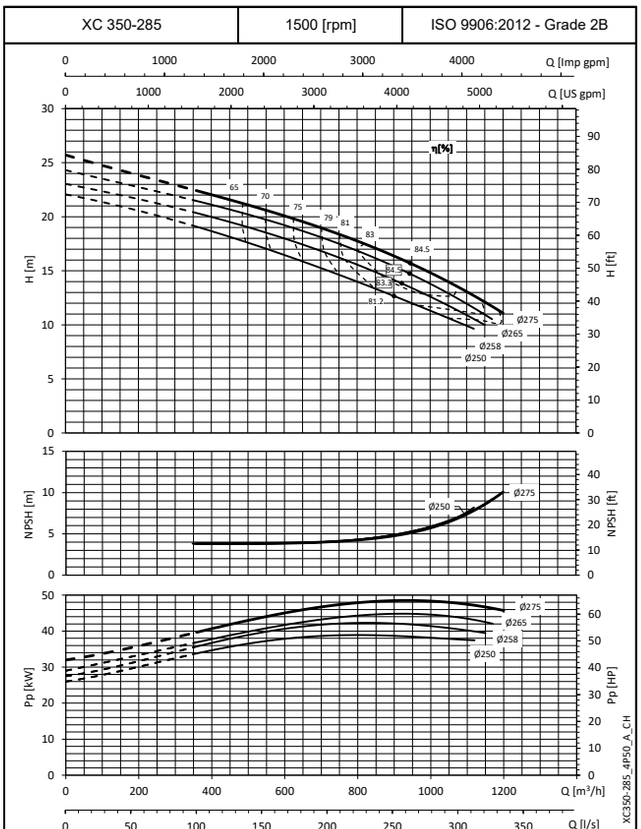
| XC 300-680 | 1500 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|



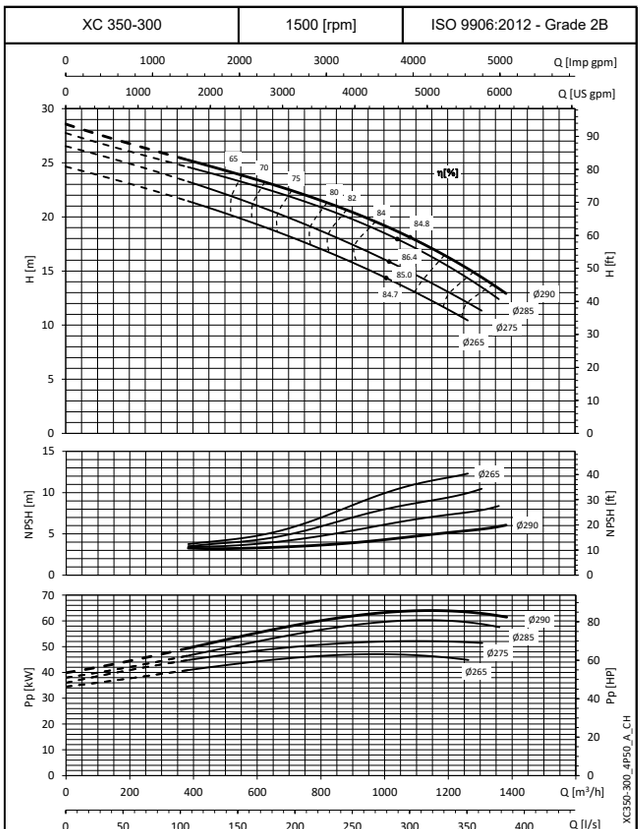

| XC 300-705 | 1500 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




| XC 350-285 | 1500 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




| XC 350-300 | 1500 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm3 and kinematic viscosity ν = 1 mm2/sec.

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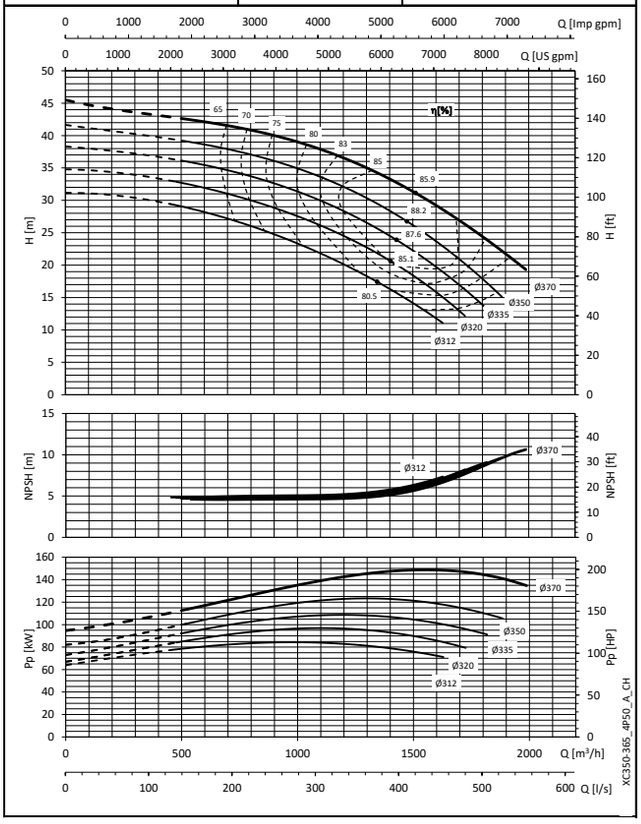
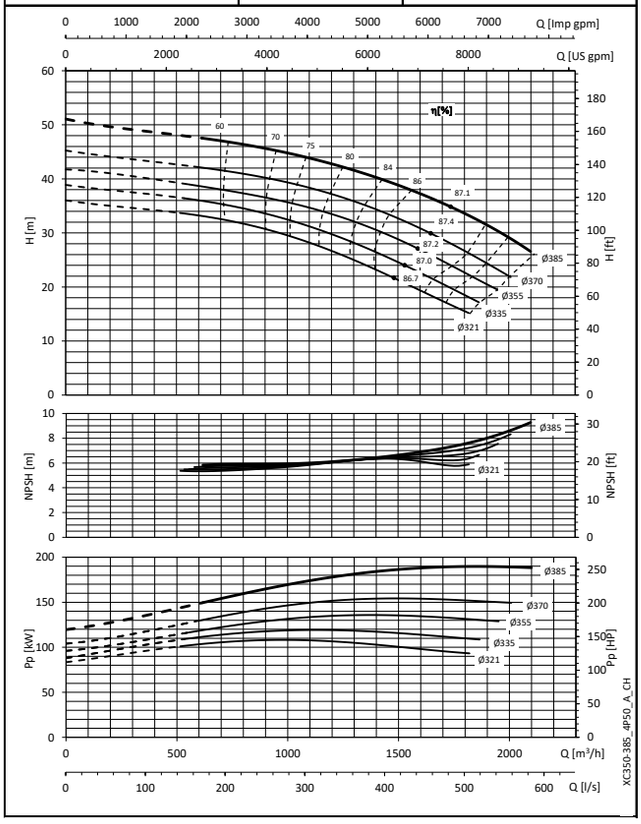
# e-XC SERIES
# OPERATING CHARACTERISTICS AT 50 Hz, 4 POLES

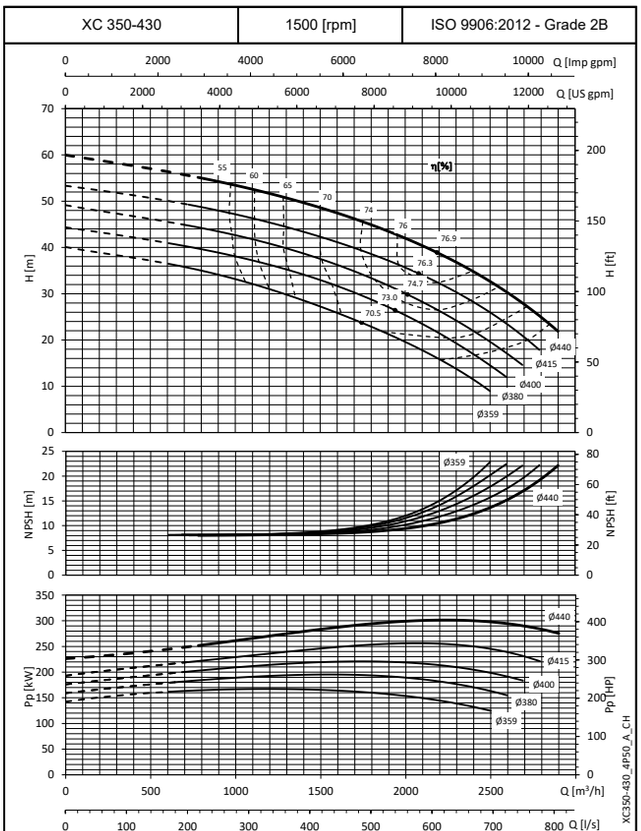
XC 350-365 | 1500 [rpm] | ISO 9906:2012 - Grade 2B



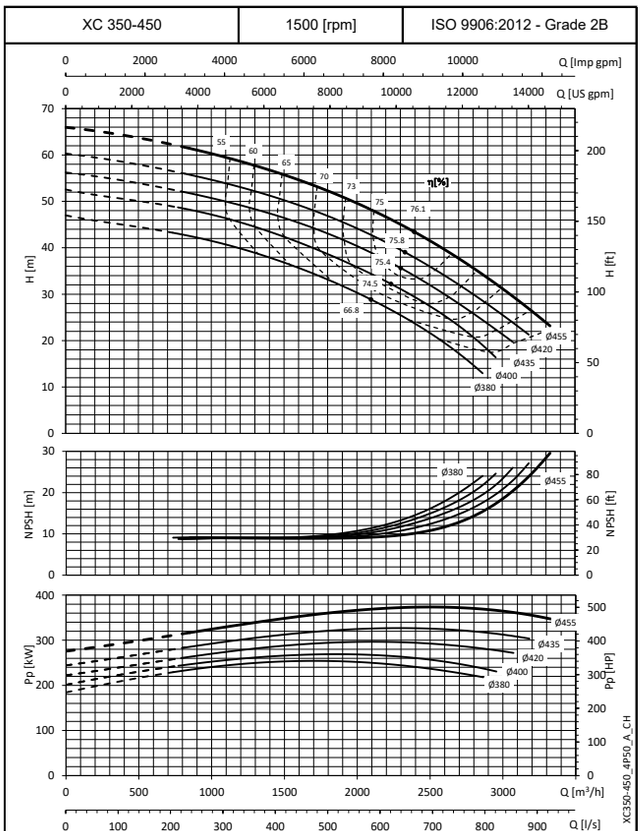

XC 350-385 | 1500 [rpm] | ISO 9906:2012 - Grade 2B




XC 350-430 | 1500 [rpm] | ISO 9906:2012 - Grade 2B




XC 350-450 | 1500 [rpm] | ISO 9906:2012 - Grade 2B




The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm3 and kinematic viscosity ν = 1 mm2/sec.

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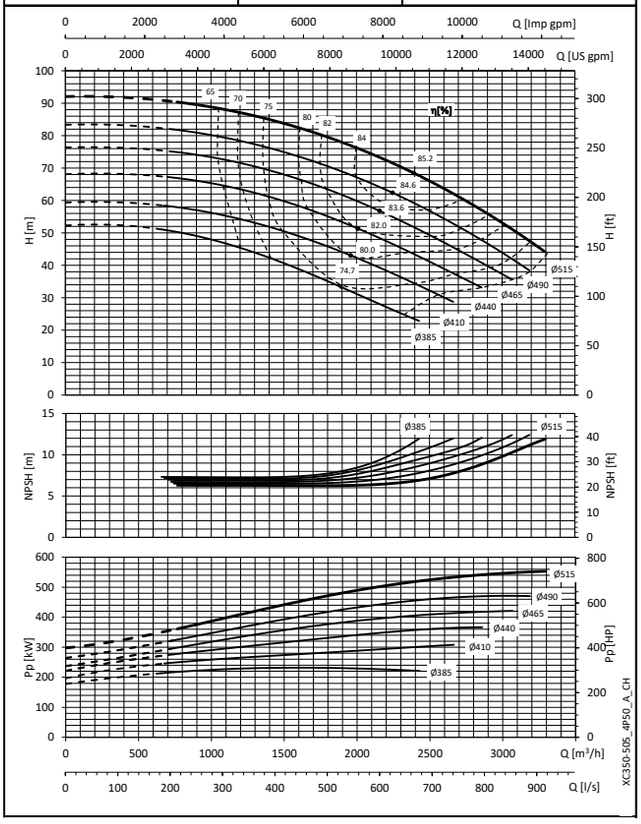
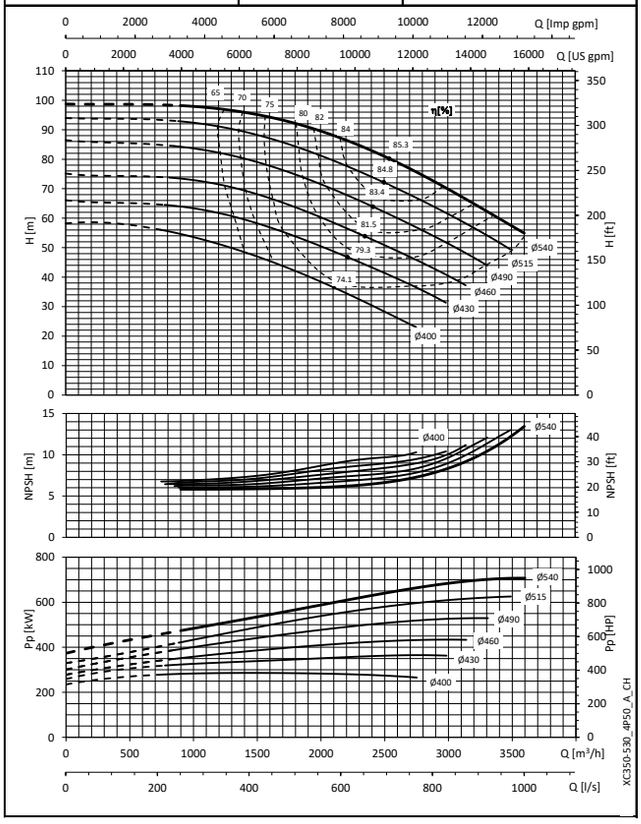
# e-XC SERIES
# OPERATING CHARACTERISTICS AT 50 Hz, 4 POLES

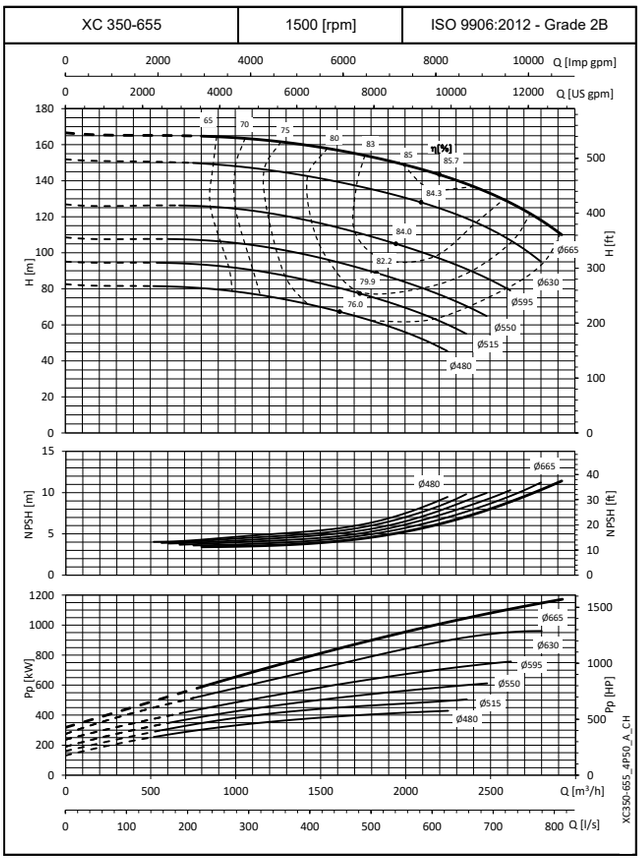
| XC 350-505 | 1500 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|



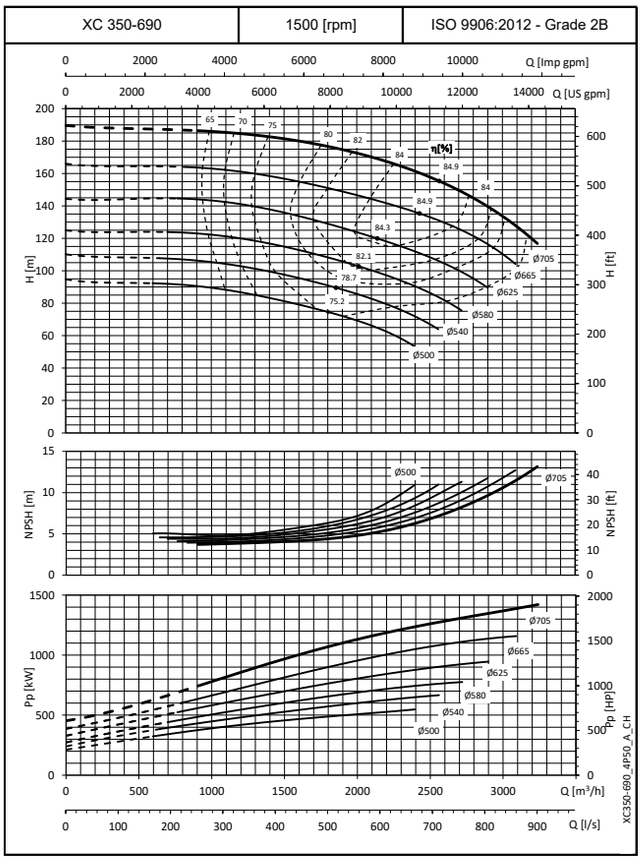

| XC 350-530 | 1500 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




| XC 350-655 | 1500 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




| XC 350-690 | 1500 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm3 and kinematic viscosity ν = 1 mm2/sec.

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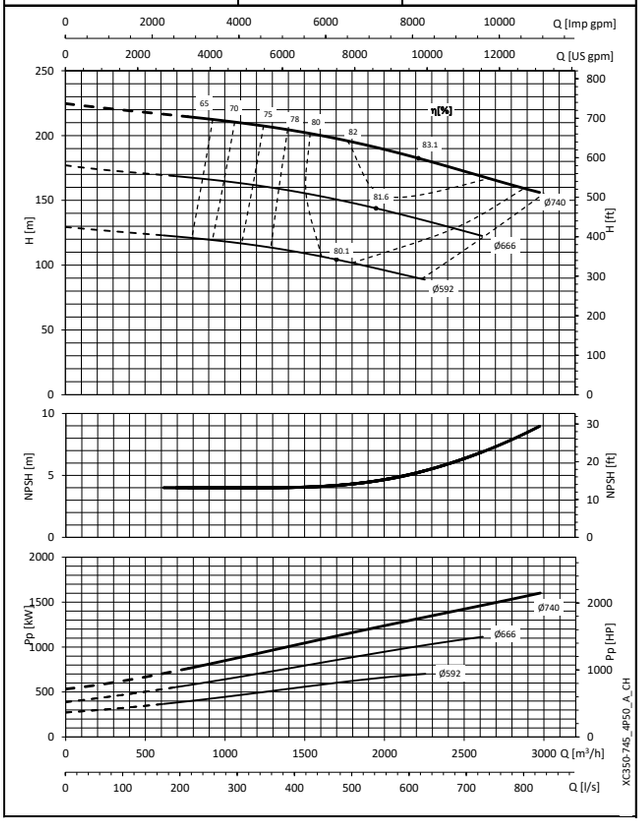
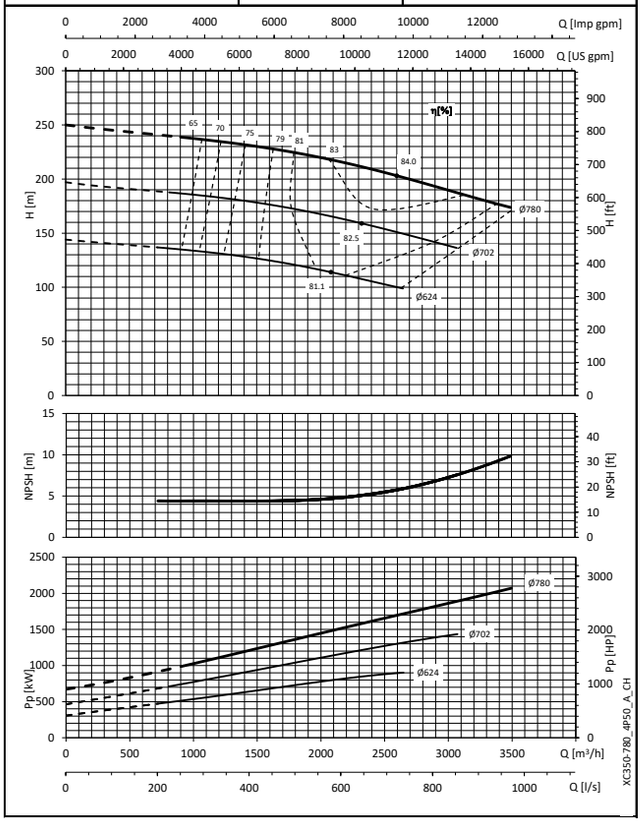
# e-XC SERIES
# OPERATING CHARACTERISTICS AT 50 Hz, 4 POLES

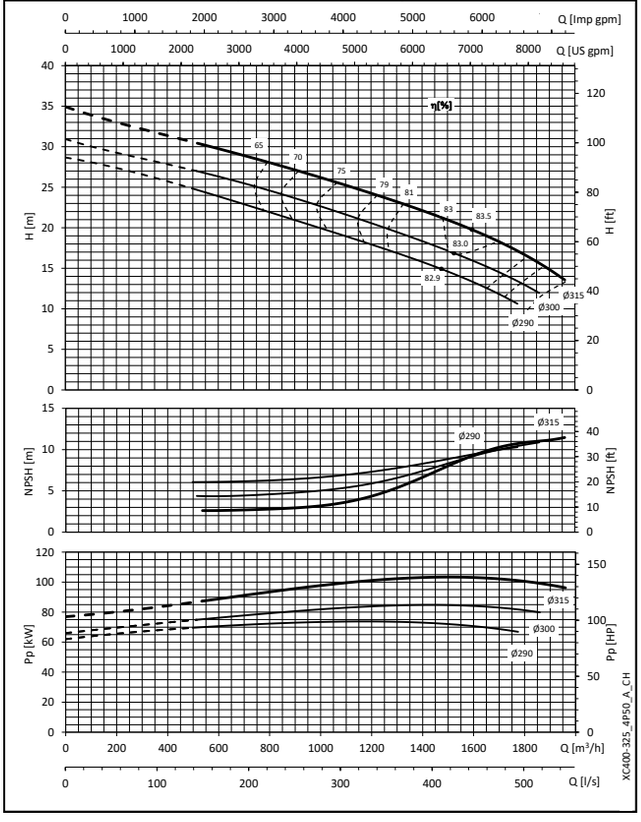
| XC 350-745 | 1500 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|



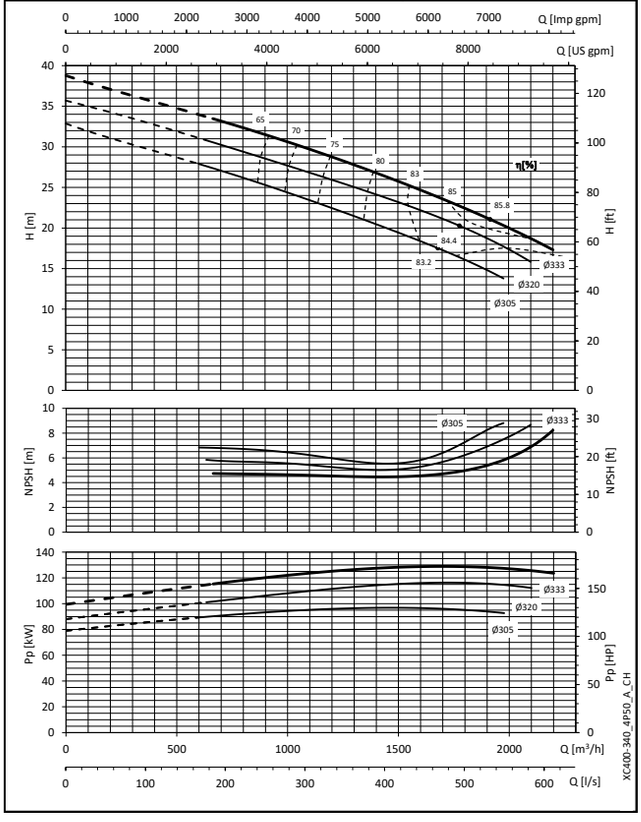

| XC 350-780 | 1500 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




| XC 400-325 | 1500 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




| XC 400-340 | 1500 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm3 and kinematic viscosity ν = 1 mm2/sec.

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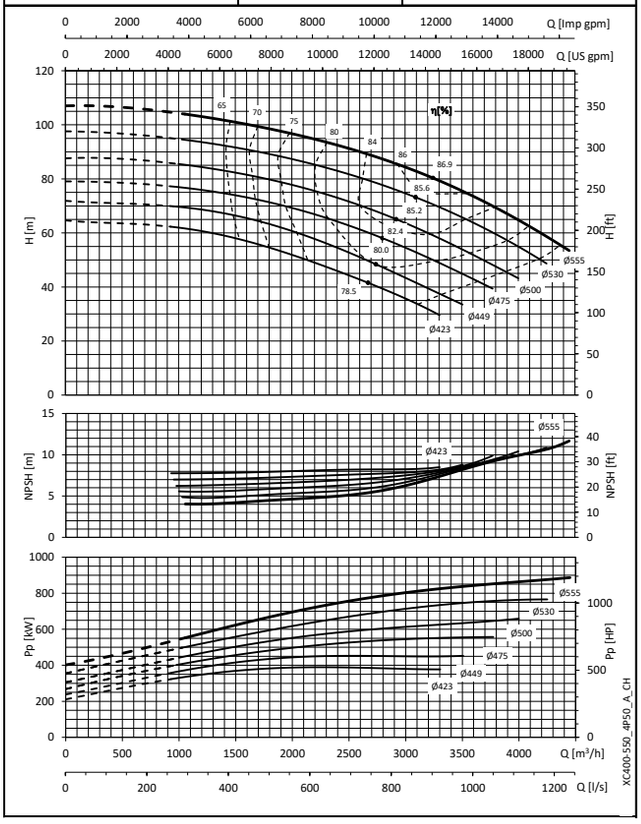
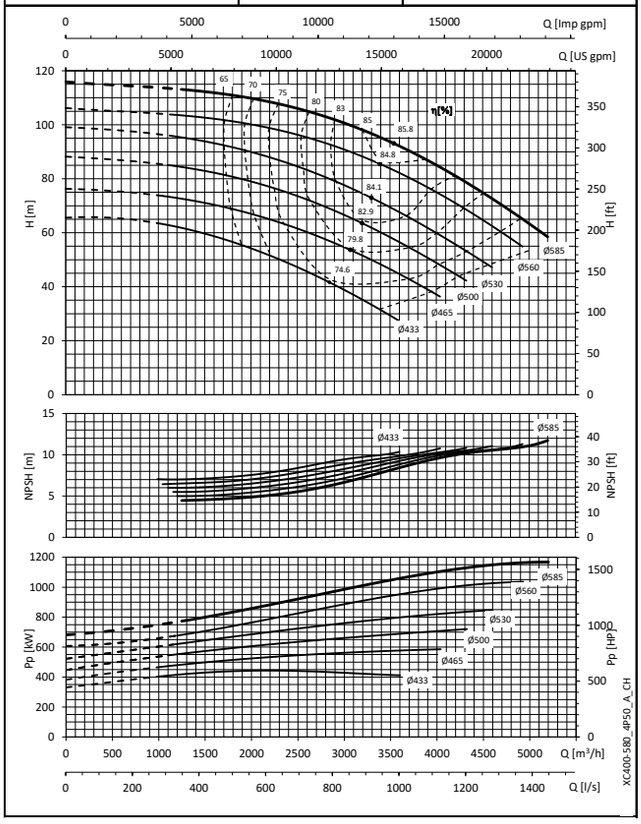
# e-XC SERIES
# OPERATING CHARACTERISTICS AT 50 Hz, 4 POLES

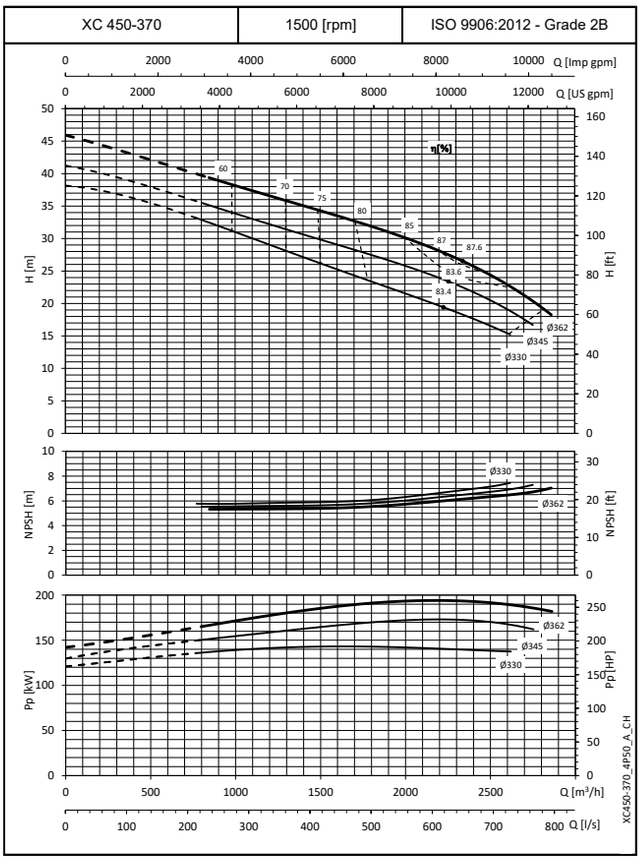
XC 400-550 | 1500 [rpm] | ISO 9906:2012 - Grade 2B



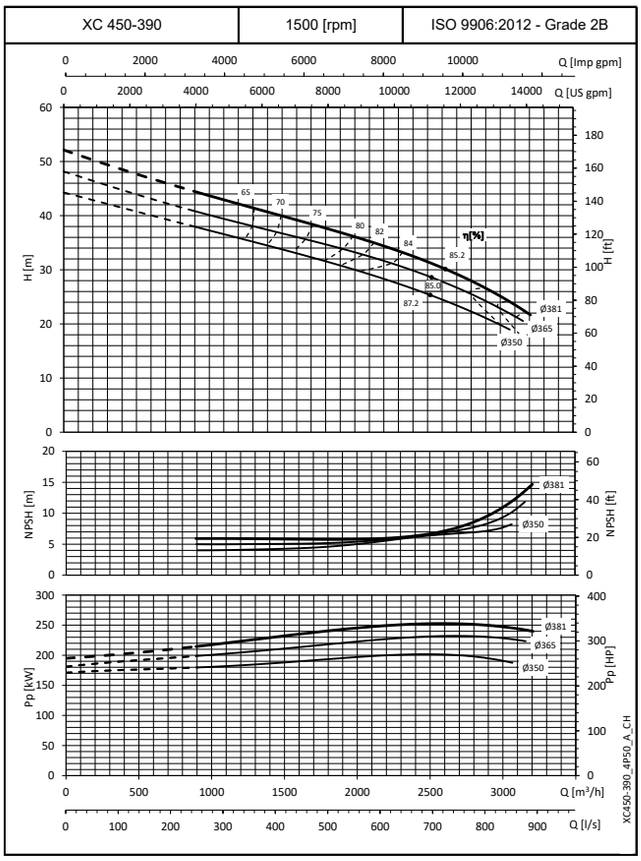

XC 400-580 | 1500 [rpm] | ISO 9906:2012 - Grade 2B




XC 450-370 | 1500 [rpm] | ISO 9906:2012 - Grade 2B



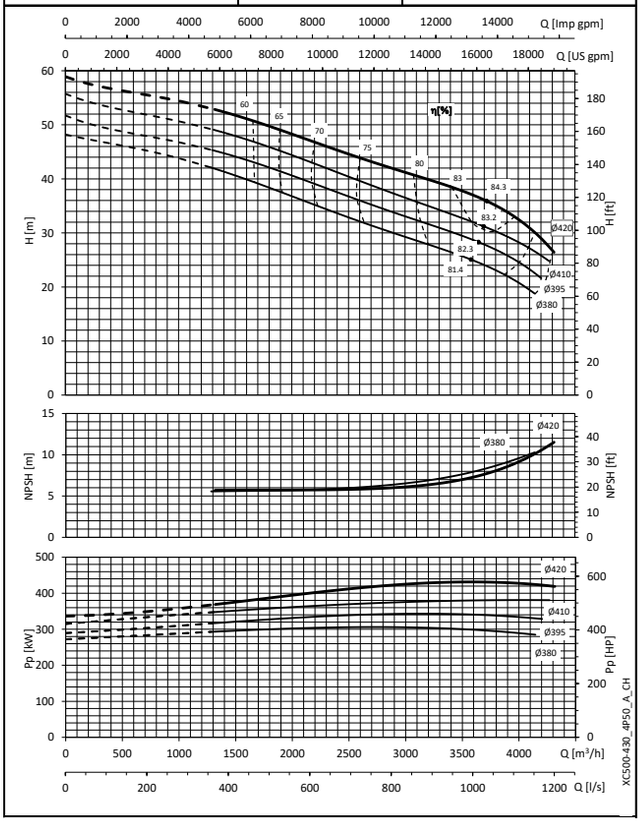

XC 450-390 | 1500 [rpm] | ISO 9906:2012 - Grade 2B



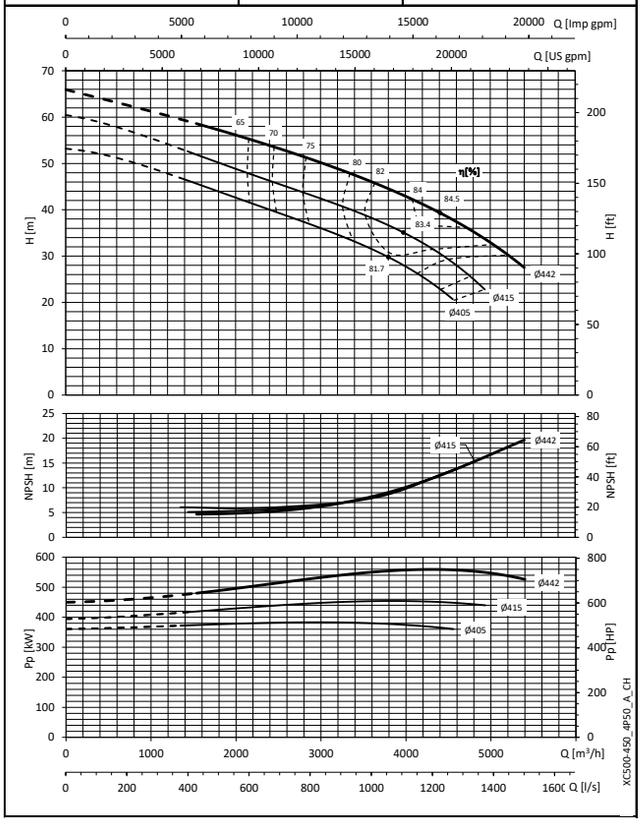

The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm3 and kinematic viscosity ν = 1 mm2/sec.

# e-XC SERIES
# OPERATING CHARACTERISTICS AT 50 Hz, 4 POLES

| XC 500-430 | 1500 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




| XC 500-450 | 1500 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm3 and kinematic viscosity ν = 1 mm2/sec.

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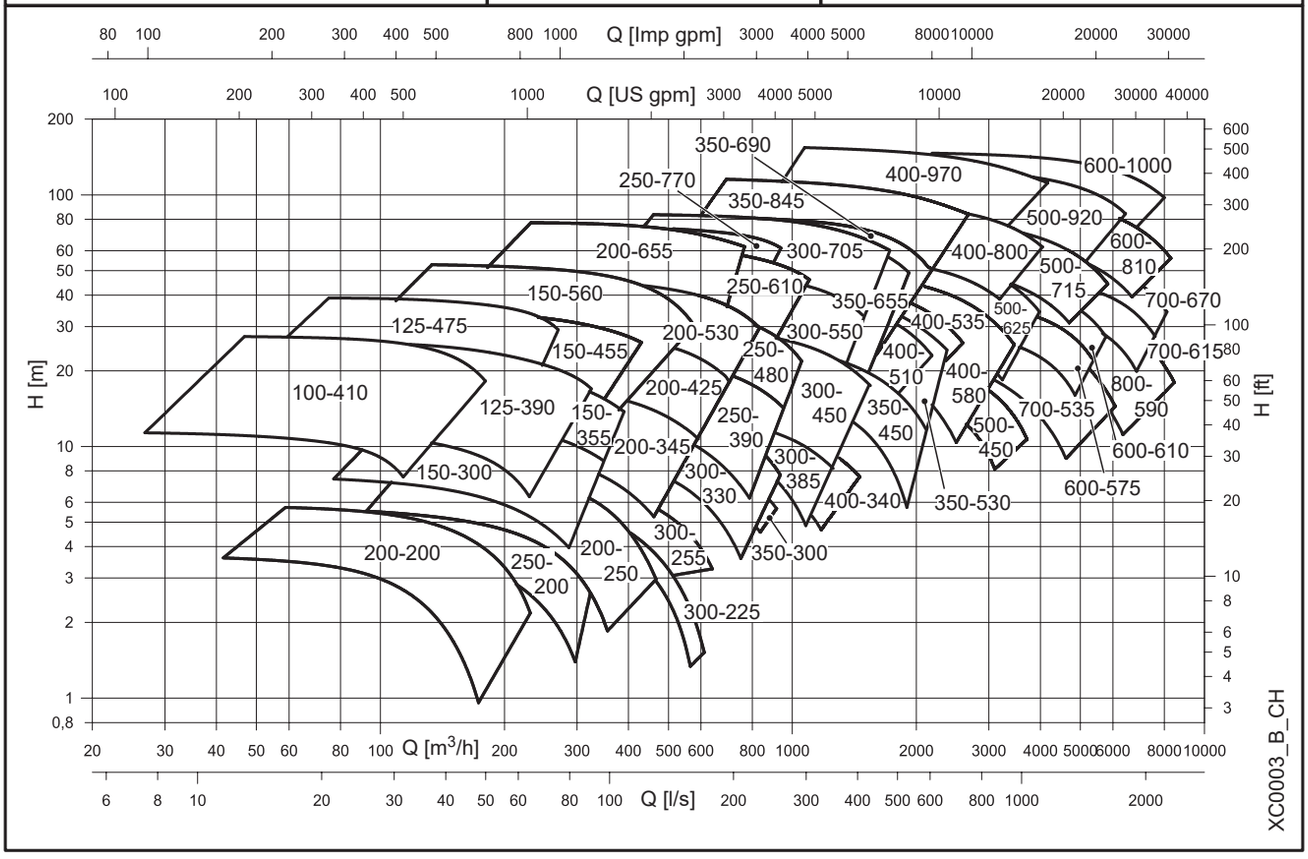
## e-XC SERIES
## HYDRAULIC PERFORMANCE RANGE AT 50 Hz, 6 POLES

| e-XC | ~ 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|



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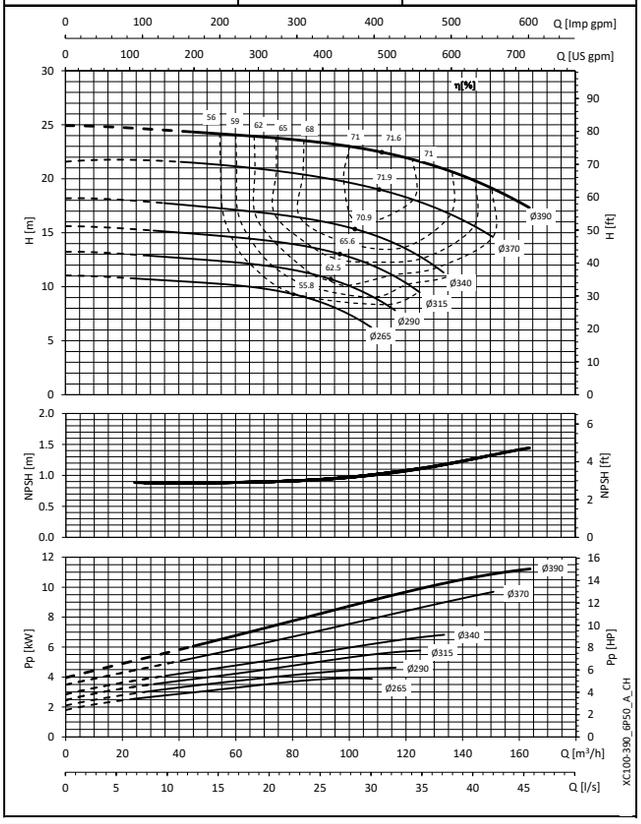
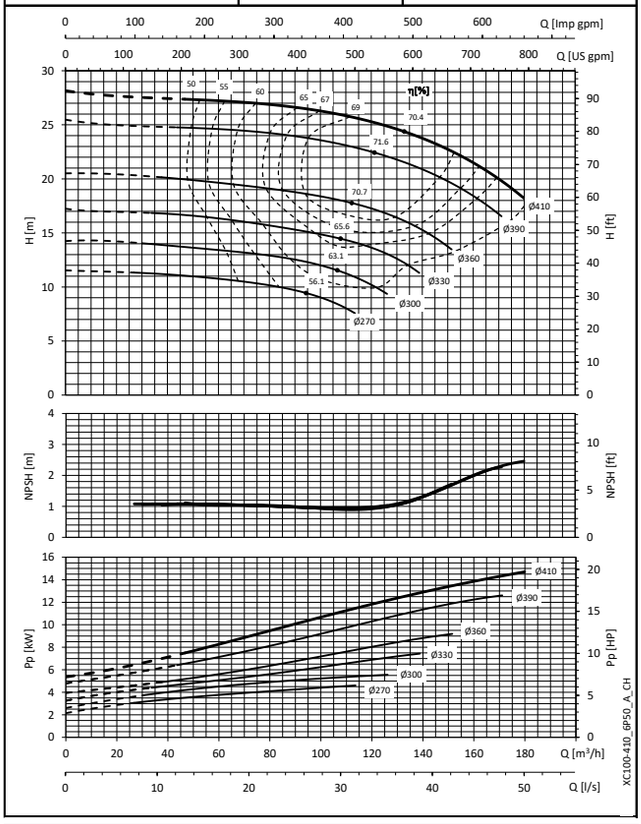
# e-XC SERIES
# OPERATING CHARACTERISTICS AT 50 Hz, 6 POLES

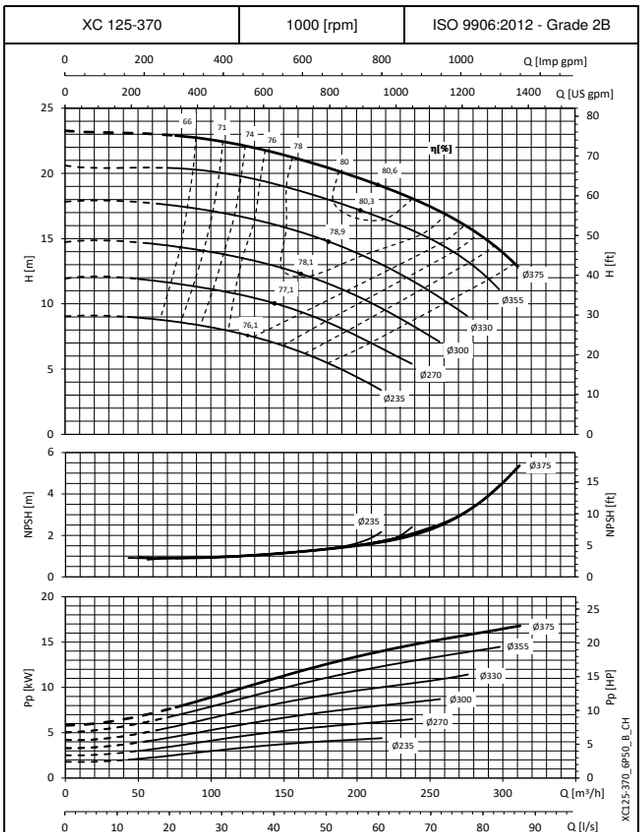
| XC 100-390 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|



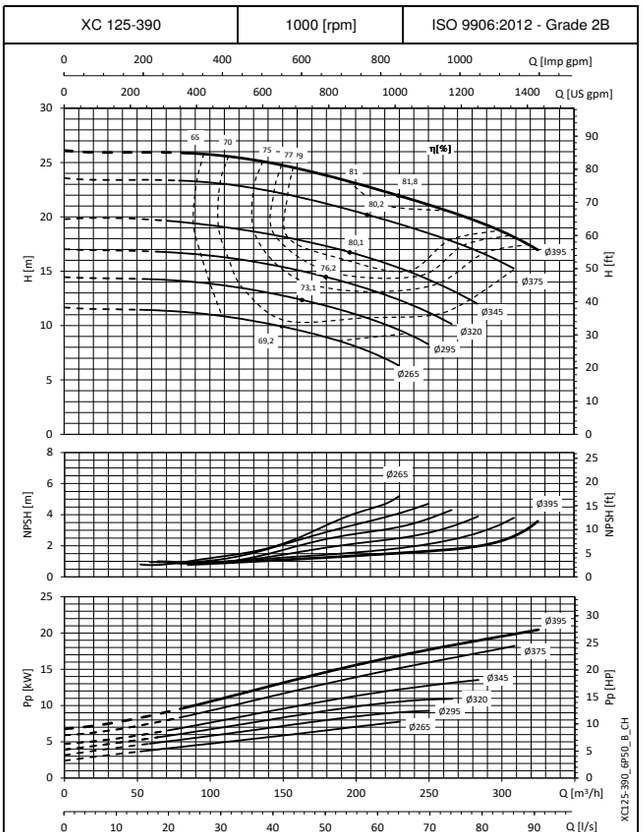

| XC 100-410 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




| XC 125-370 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




| XC 125-390 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|

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These performances are valid for liquids with density ρ = 1,0 Kg/dm3 and kinematic viscosity ν = 1 mm2/sec.

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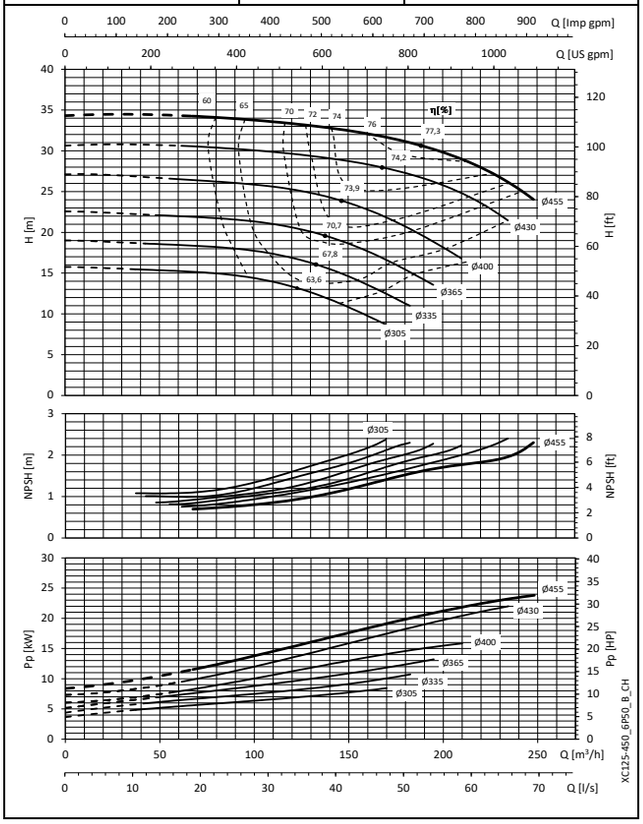
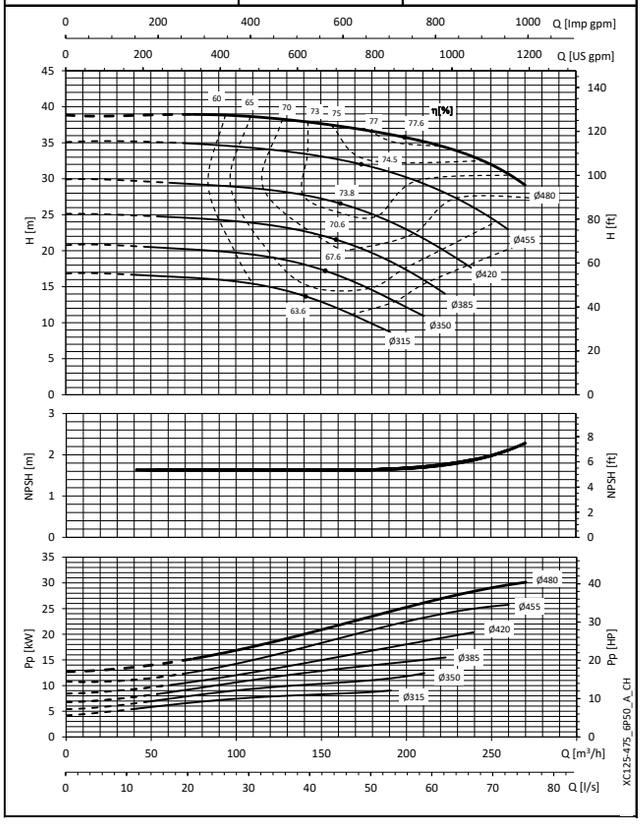
# e-XC SERIES
# OPERATING CHARACTERISTICS AT 50 Hz, 6 POLES

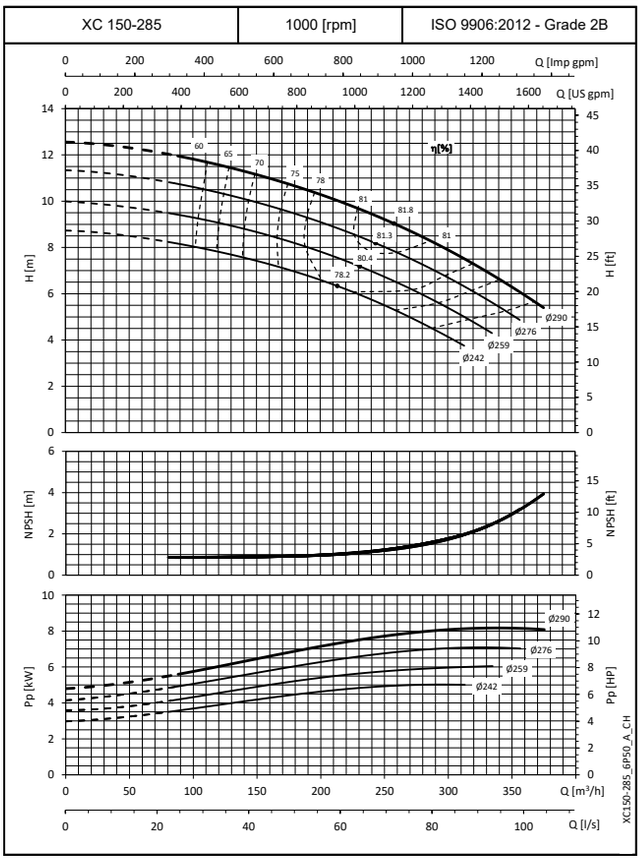
XC 125-450 | 1000 [rpm] | ISO 9906:2012 - Grade 2B



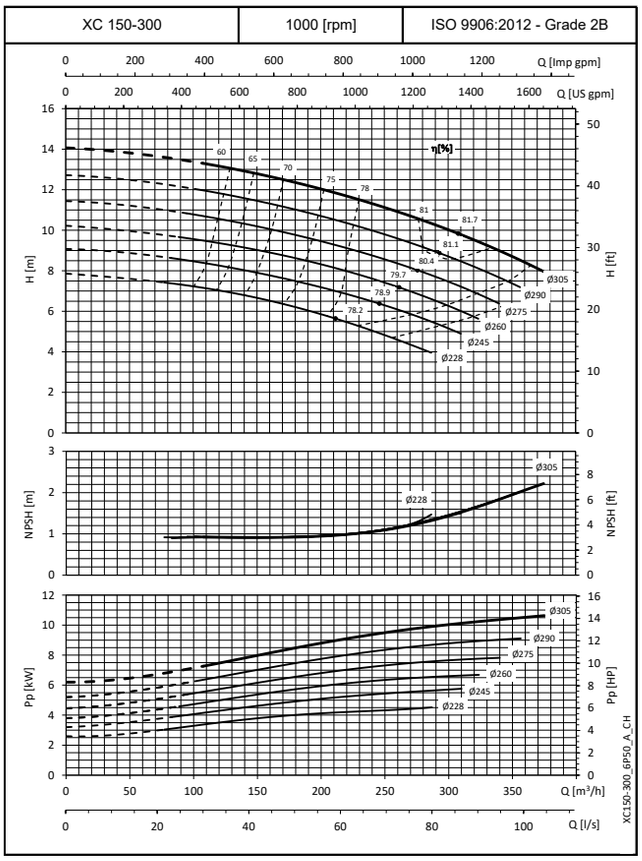

XC 125-475 | 1000 [rpm] | ISO 9906:2012 - Grade 2B




XC 150-285 | 1000 [rpm] | ISO 9906:2012 - Grade 2B




XC 150-300 | 1000 [rpm] | ISO 9906:2012 - Grade 2B

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These performances are valid for liquids with density ρ = 1,0 Kg/dm3 and kinematic viscosity ν = 1 mm2/sec.

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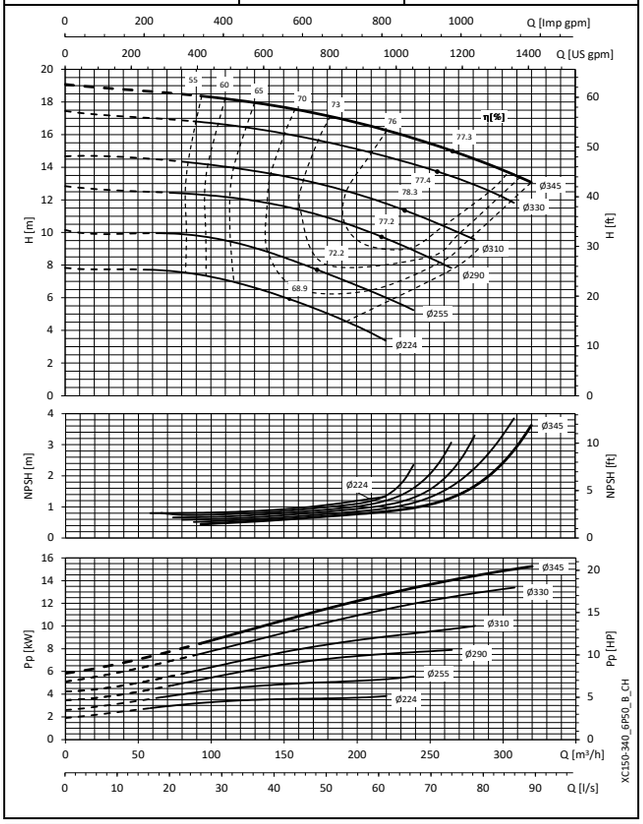
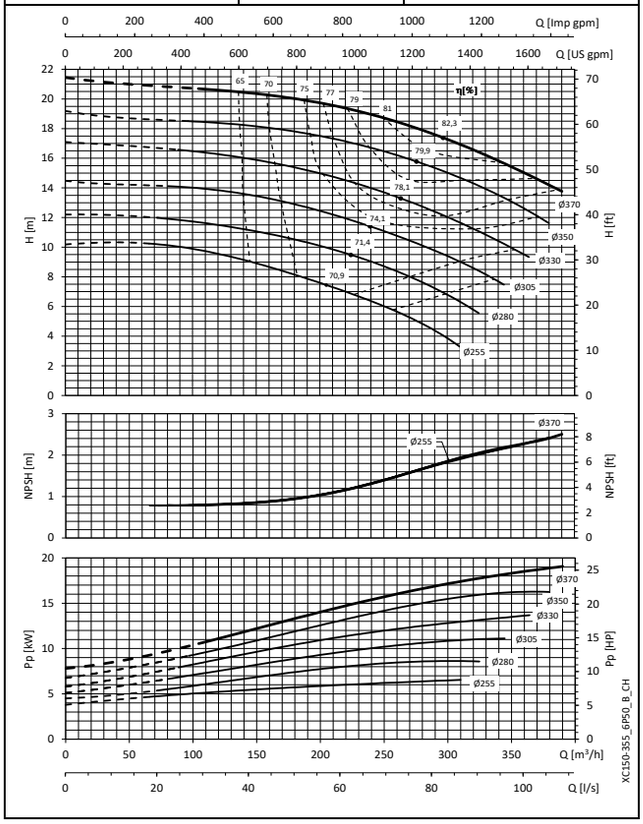
# e-XC SERIES
# OPERATING CHARACTERISTICS AT 50 Hz, 6 POLES

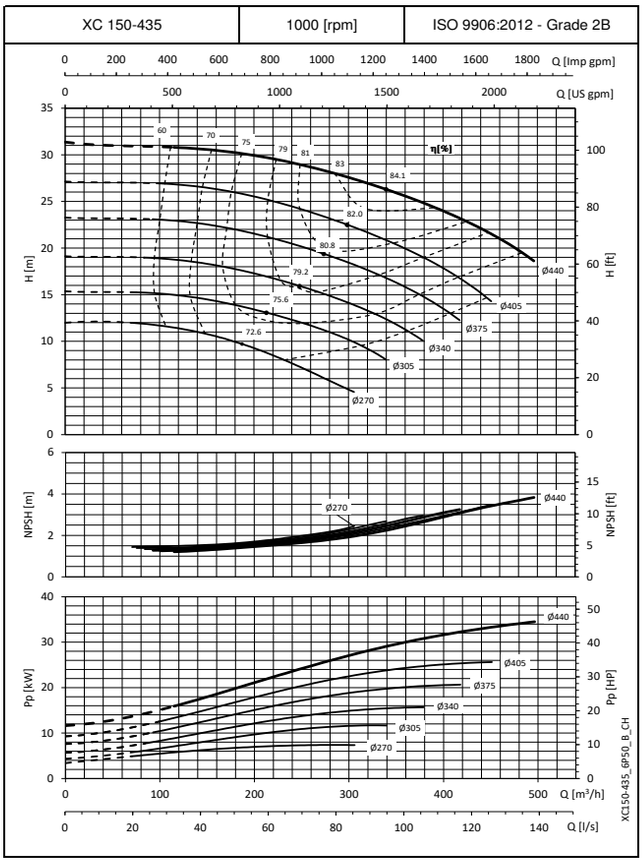
XC 150-340 | 1000 [rpm] | ISO 9906:2012 - Grade 2B



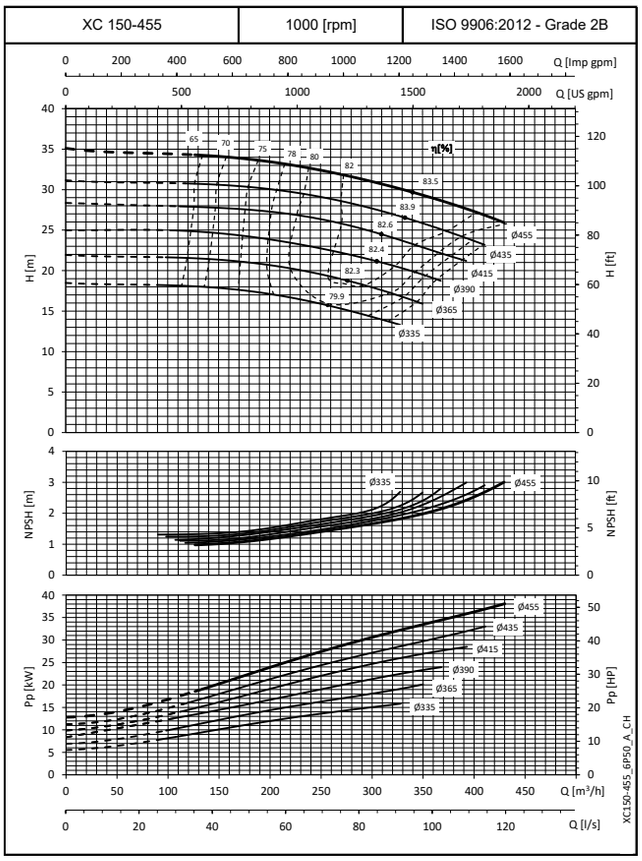

XC 150-355 | 1000 [rpm] | ISO 9906:2012 - Grade 2B




XC 150-435 | 1000 [rpm] | ISO 9906:2012 - Grade 2B




XC 150-455 | 1000 [rpm] | ISO 9906:2012 - Grade 2B

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These performances are valid for liquids with density ρ = 1,0 Kg/dm3 and kinematic viscosity ν = 1 mm2/sec.

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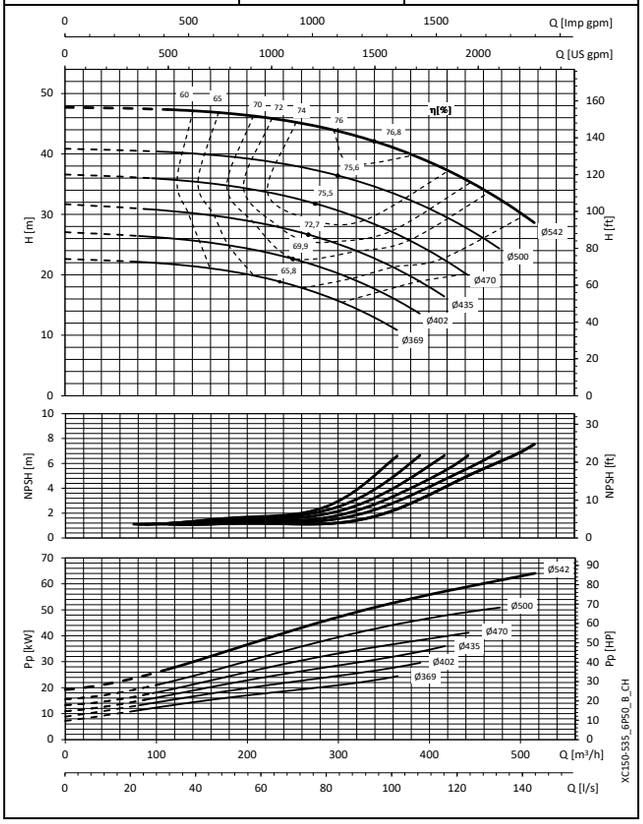
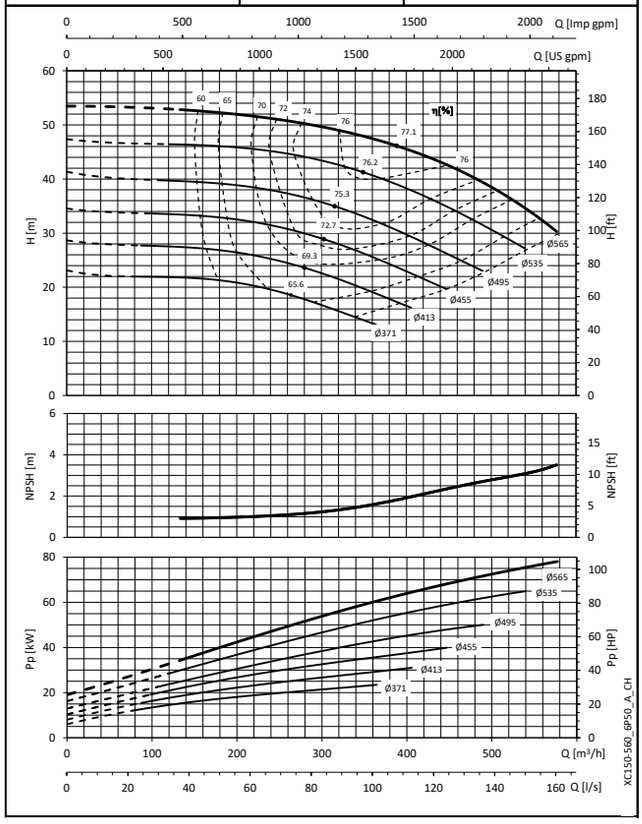
# e-XC SERIES
# OPERATING CHARACTERISTICS AT 50 Hz, 6 POLES

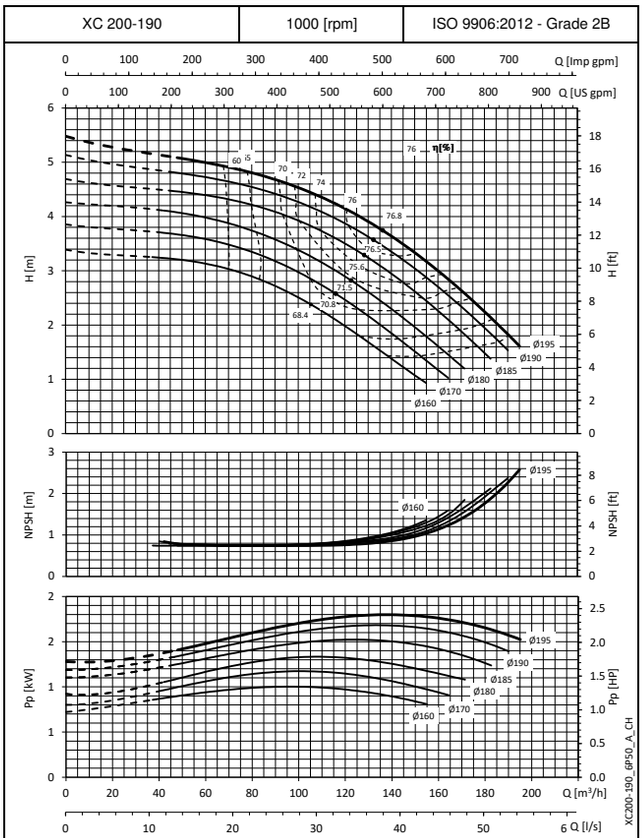
| XC 150-535 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|



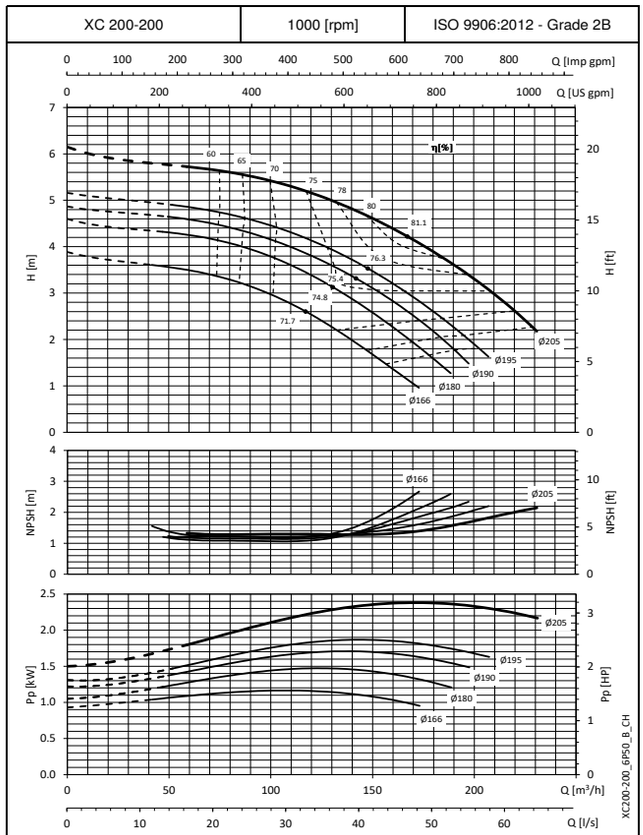

| XC 150-560 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




| XC 200-190 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




| XC 200-200 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm3 and kinematic viscosity ν = 1 mm2/sec.

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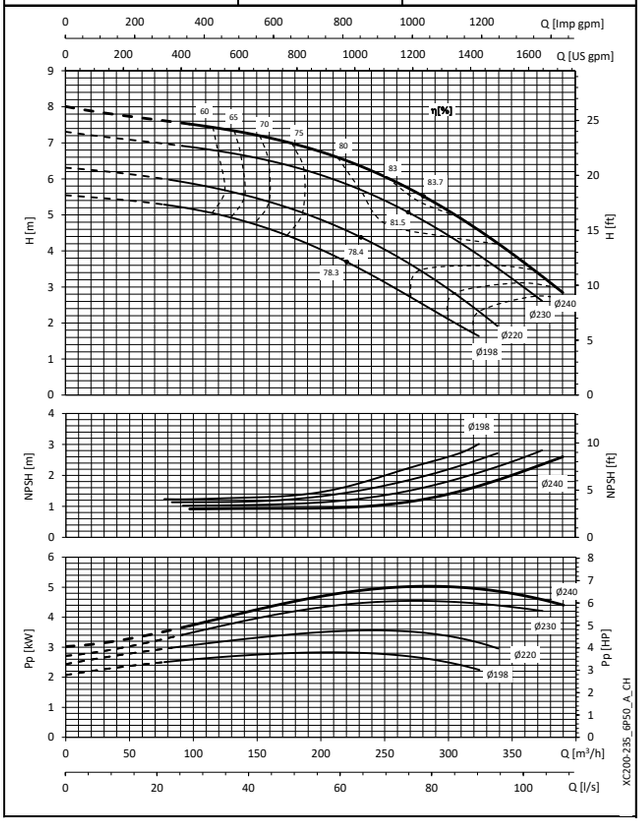
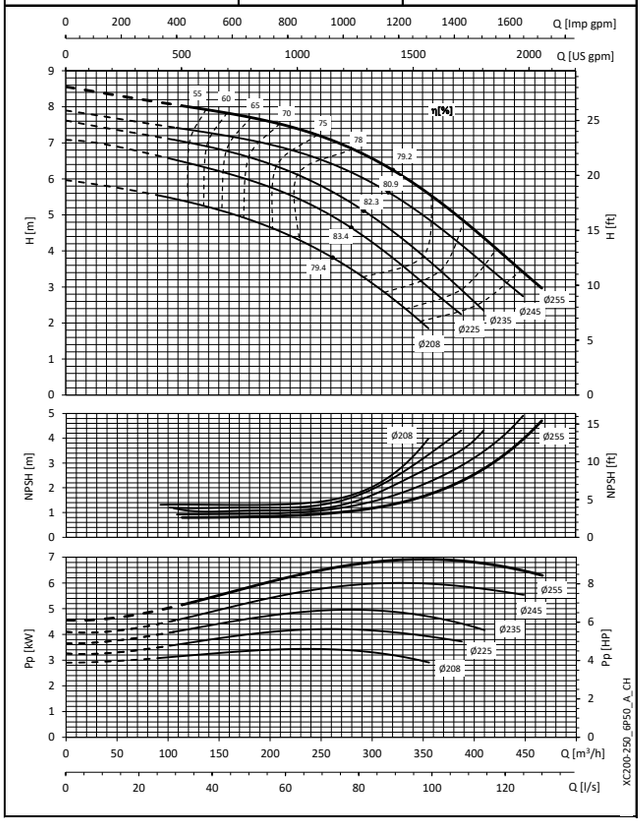
# e-XC SERIES
# OPERATING CHARACTERISTICS AT 50 Hz, 6 POLES

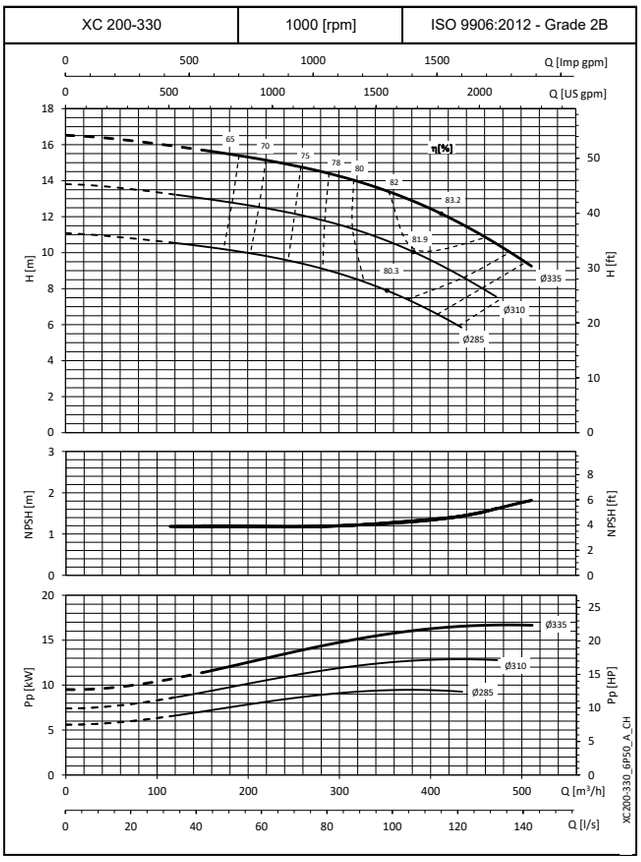
| XC 200-235 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|



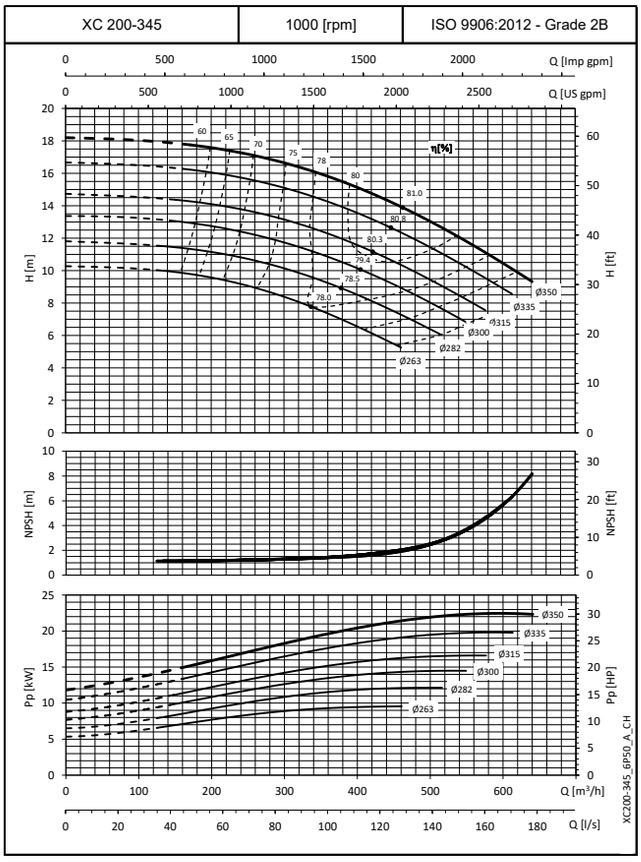

| XC 200-250 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




| XC 200-330 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




| XC 200-345 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm3 and kinematic viscosity ν = 1 mm2/sec.

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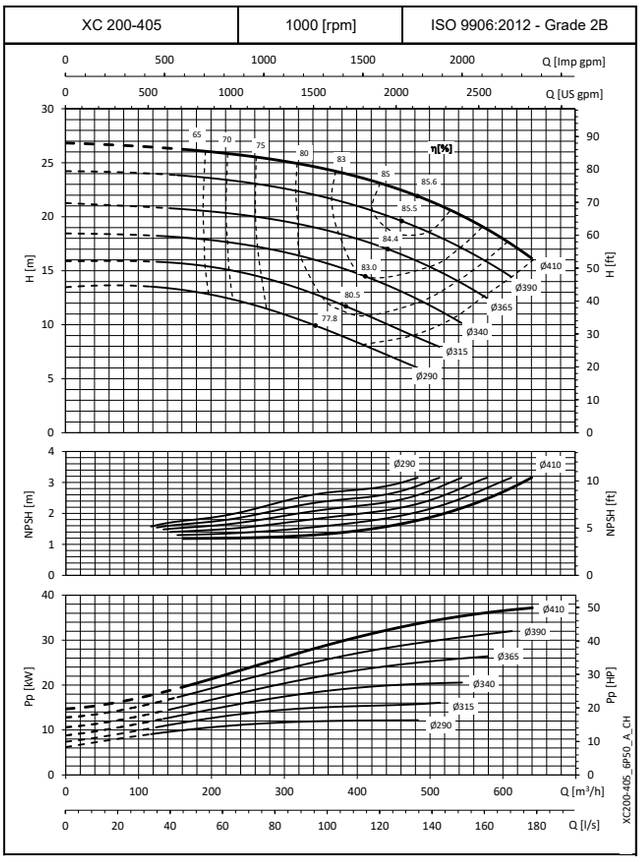
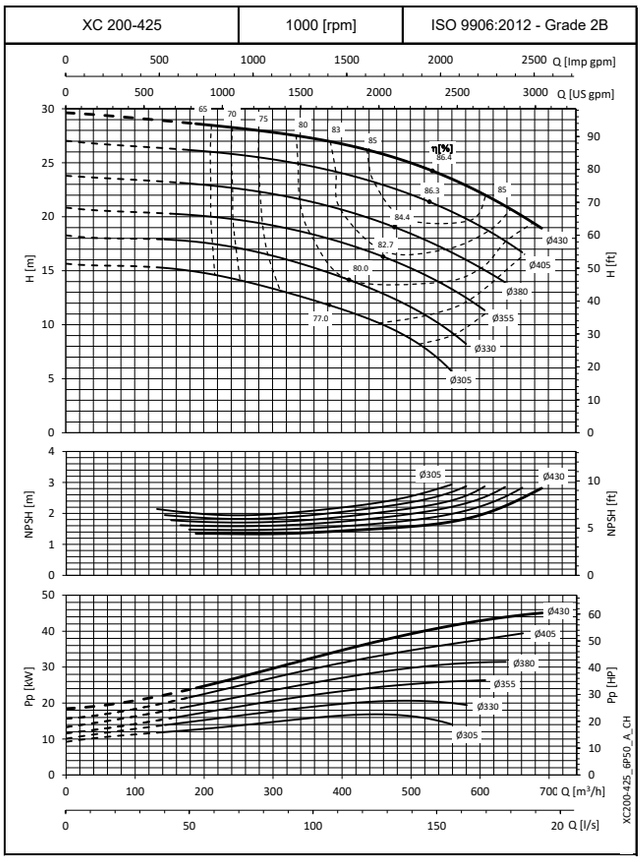
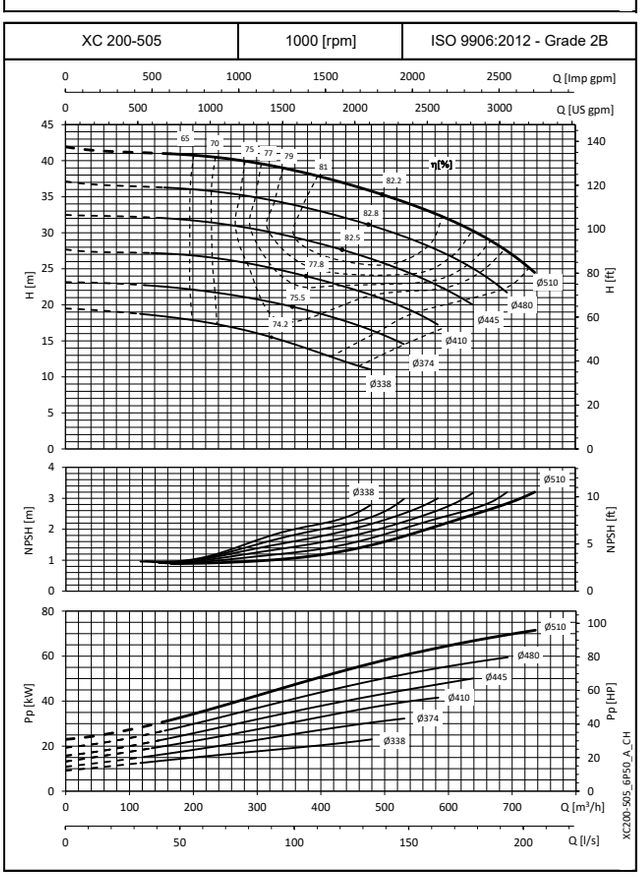
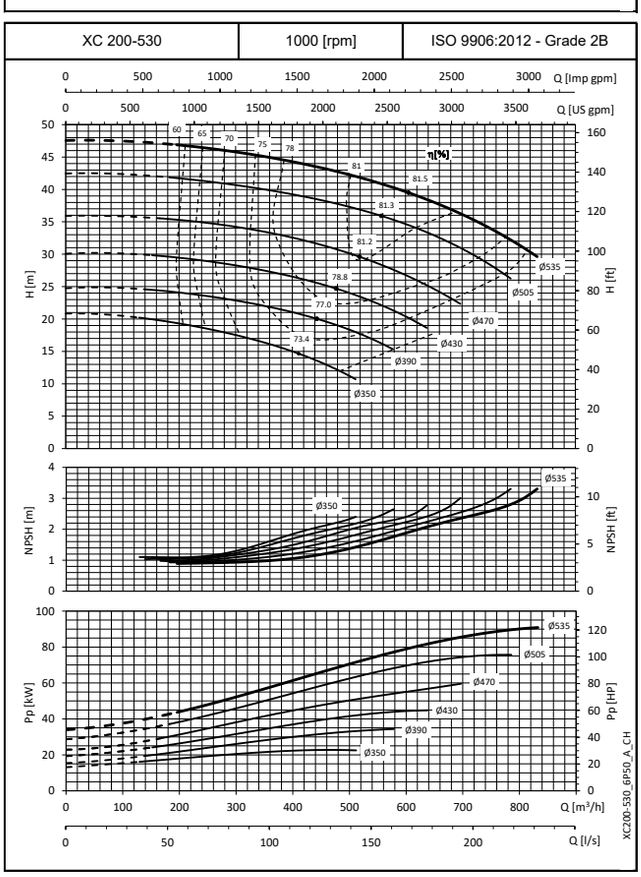
# e-XC SERIES
# OPERATING CHARACTERISTICS AT 50 Hz, 6 POLES



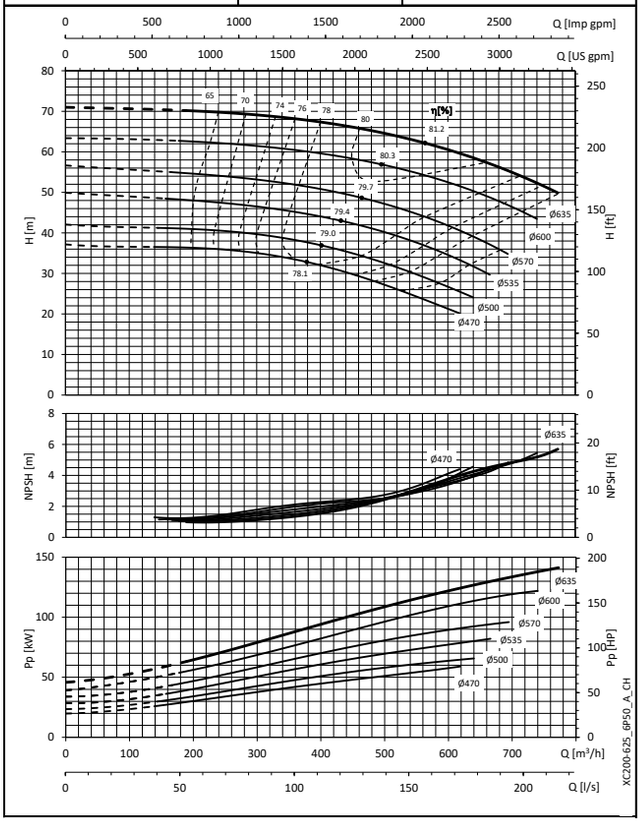



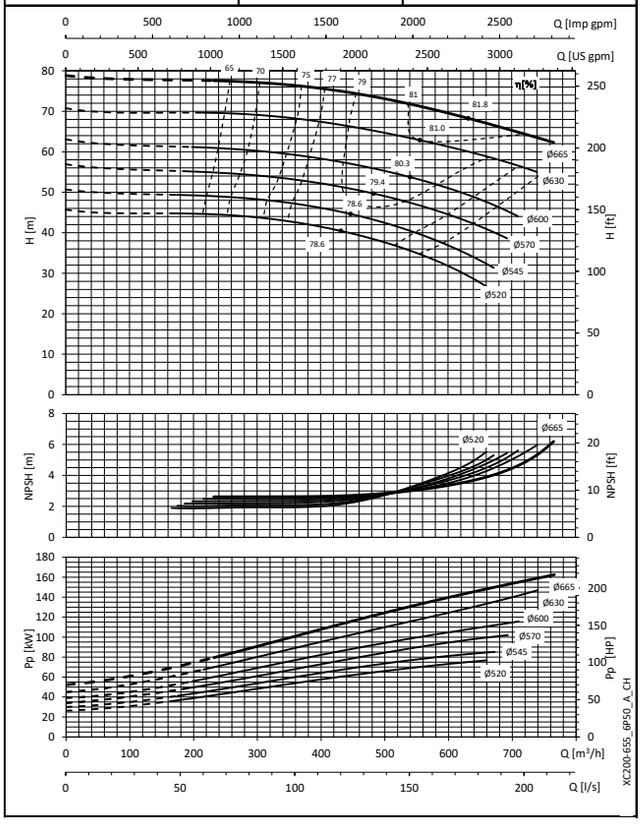

The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm3 and kinematic viscosity ν = 1 mm2/sec.

# e-XC SERIES
# OPERATING CHARACTERISTICS AT 50 Hz, 6 POLES

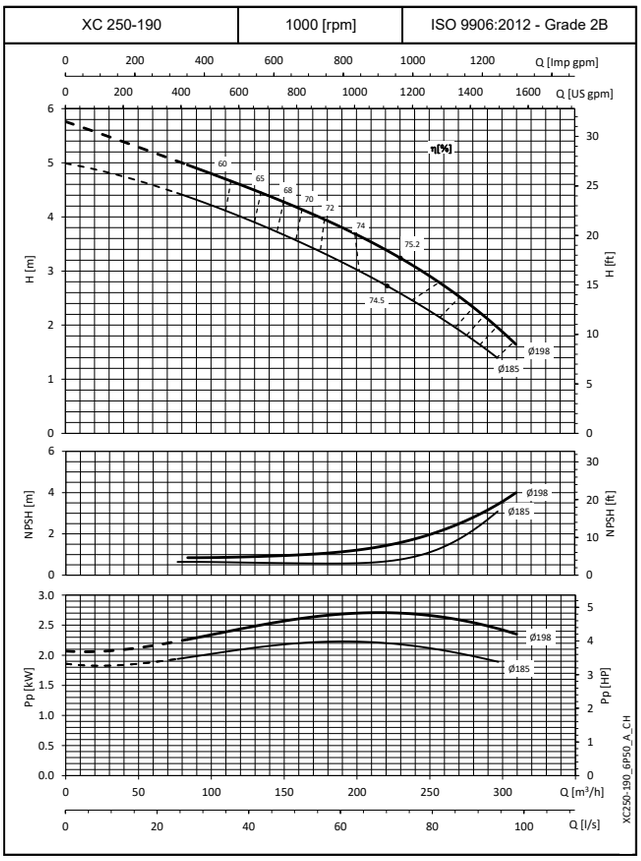
| XC 200-625 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|



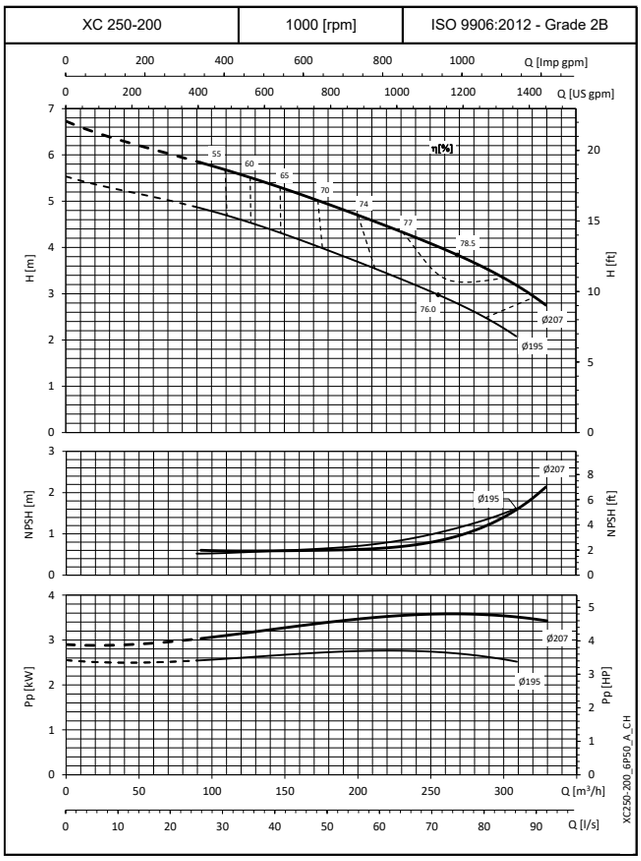

| XC 200-655 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




| XC 250-190 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




| XC 250-200 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm3 and kinematic viscosity ν = 1 mm2/sec.

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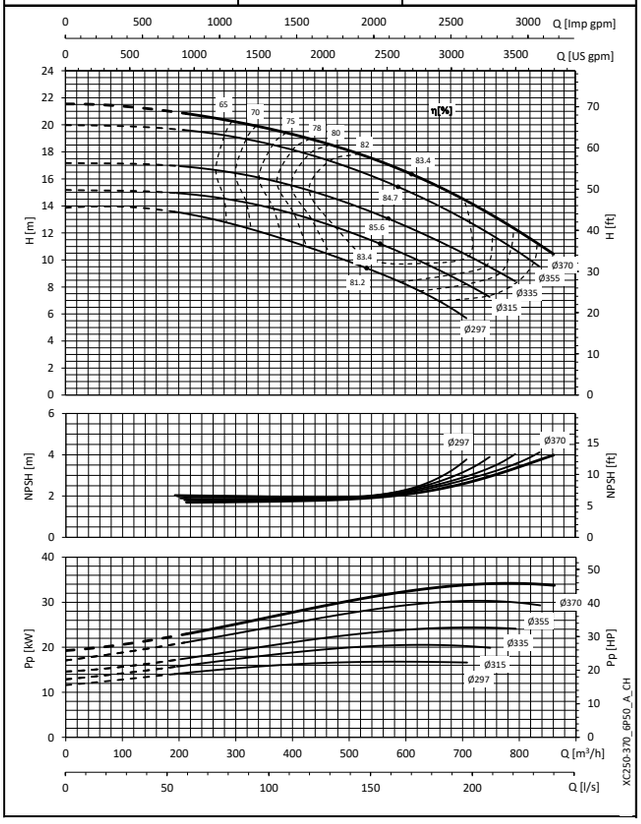
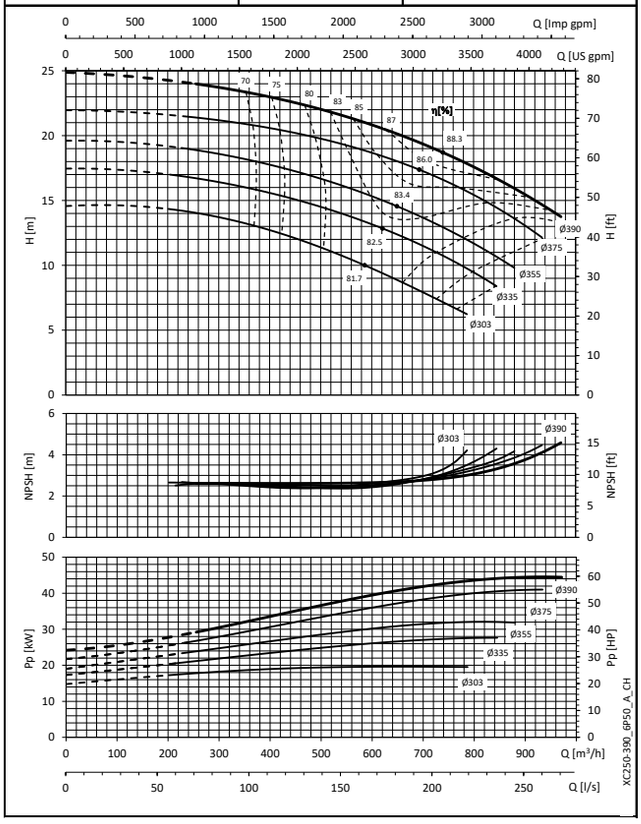
# e-XC SERIES
# OPERATING CHARACTERISTICS AT 50 Hz, 6 POLES

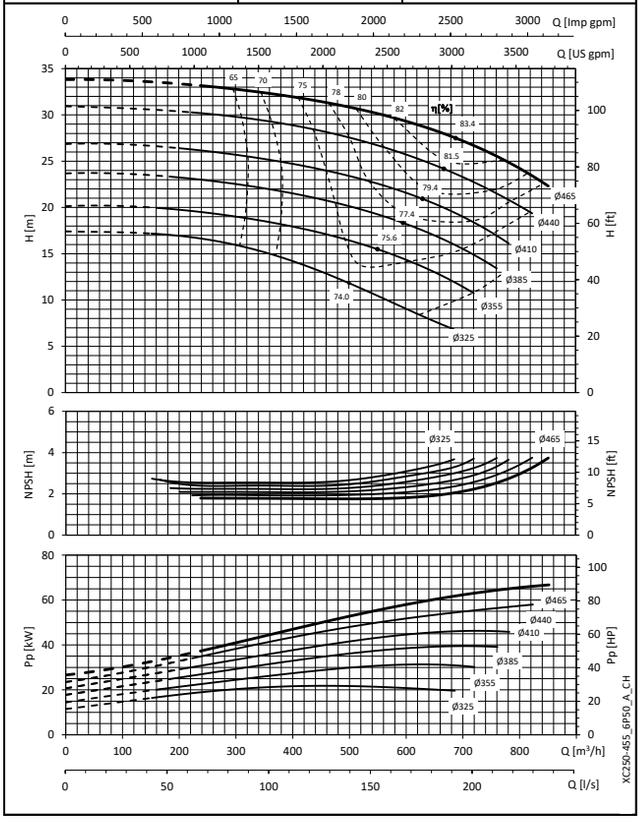
| XC 250-370 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|



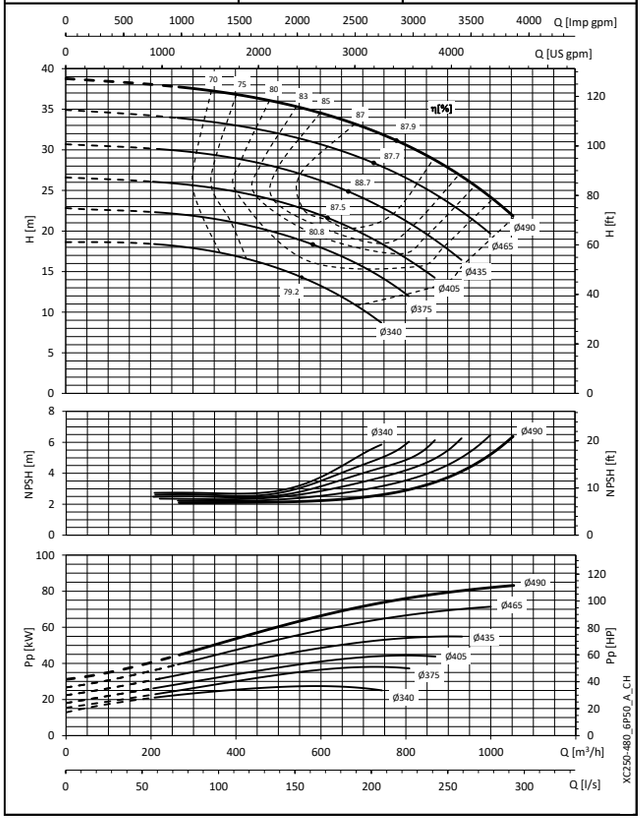

| XC 250-390 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




| XC 250-455 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




| XC 250-480 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm3 and kinematic viscosity ν = 1 mm2/sec.

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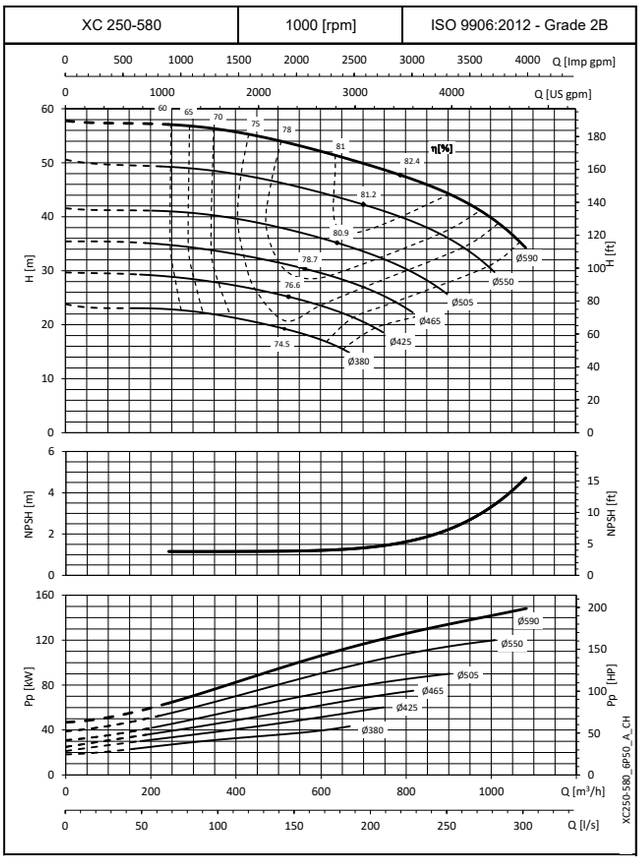
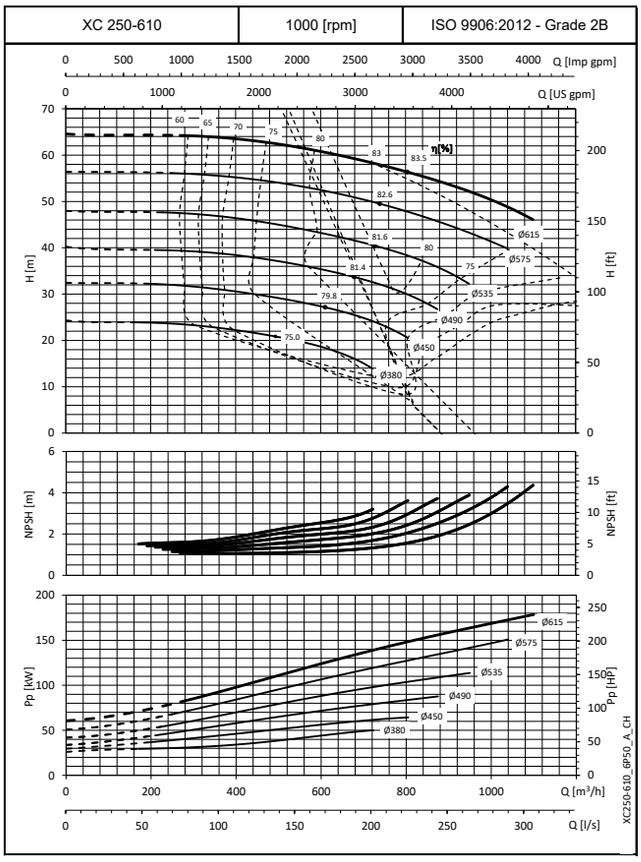
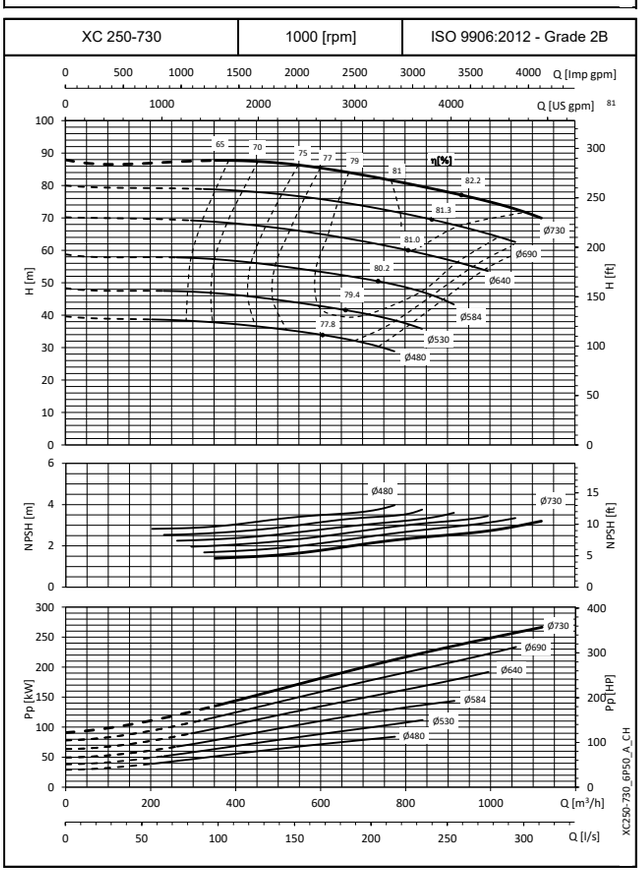
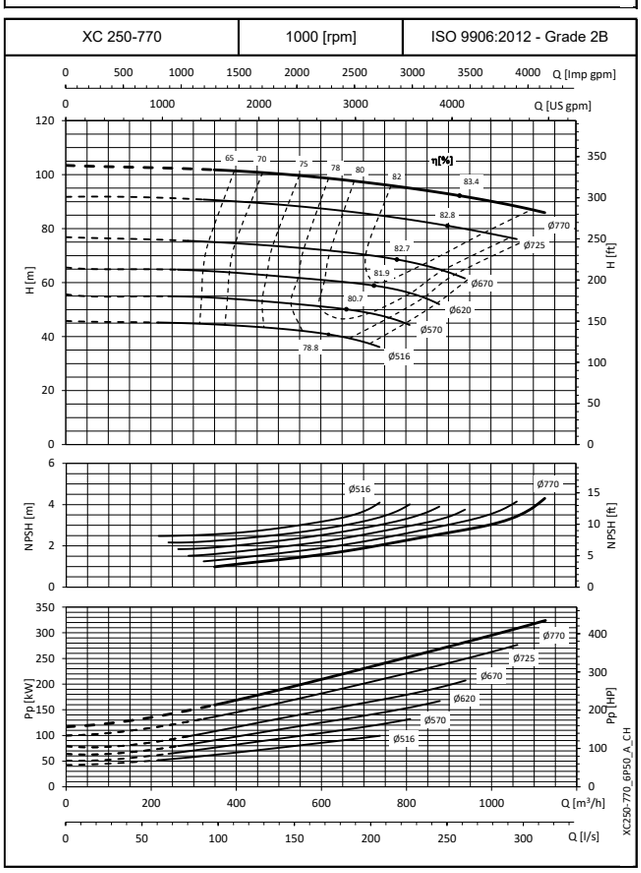
# e-XC SERIES
# OPERATING CHARACTERISTICS AT 50 Hz, 6 POLES




The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm3 and kinematic viscosity ν = 1 mm2/sec.

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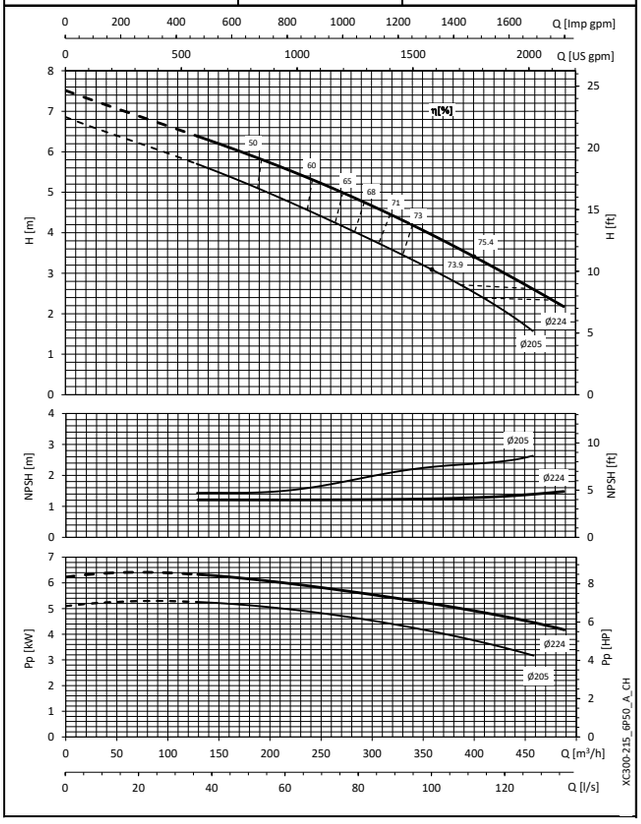
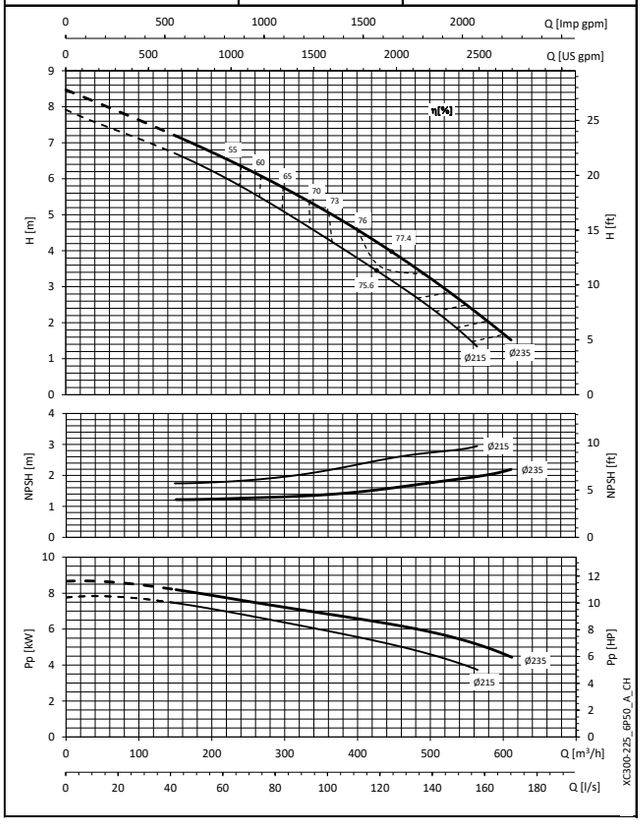
# e-XC SERIES
# OPERATING CHARACTERISTICS AT 50 Hz, 6 POLES

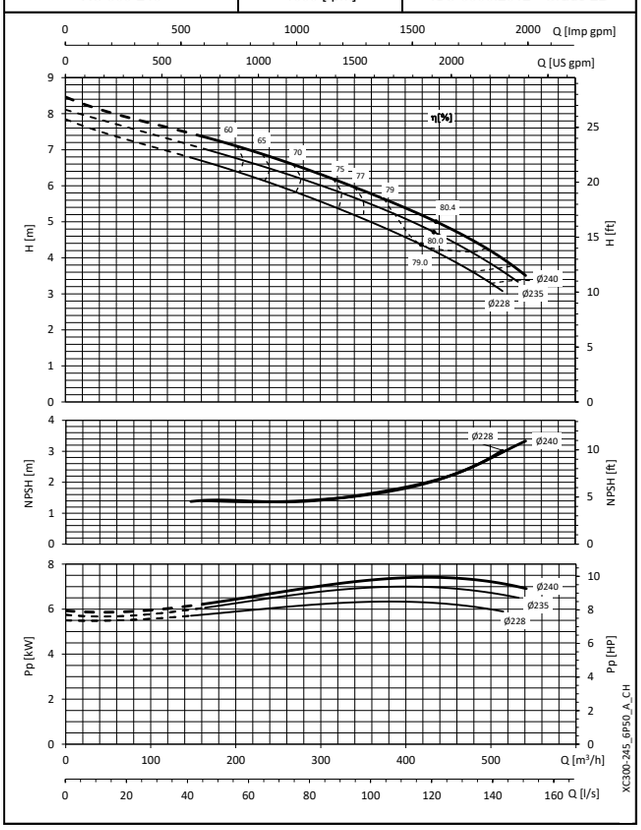
| XC 300-215 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|



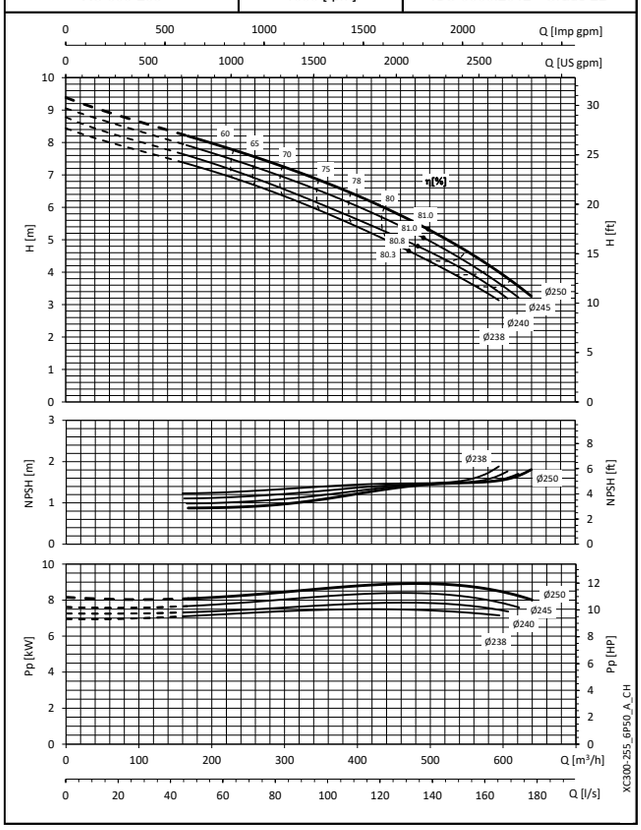

| XC 300-225 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




| XC 300-245 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




| XC 300-255 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm3 and kinematic viscosity ν = 1 mm2/sec.

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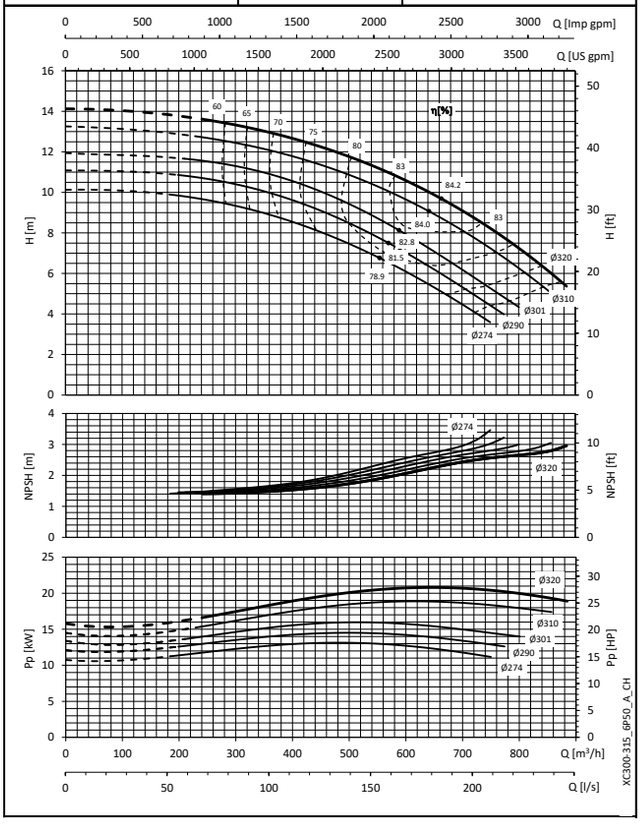
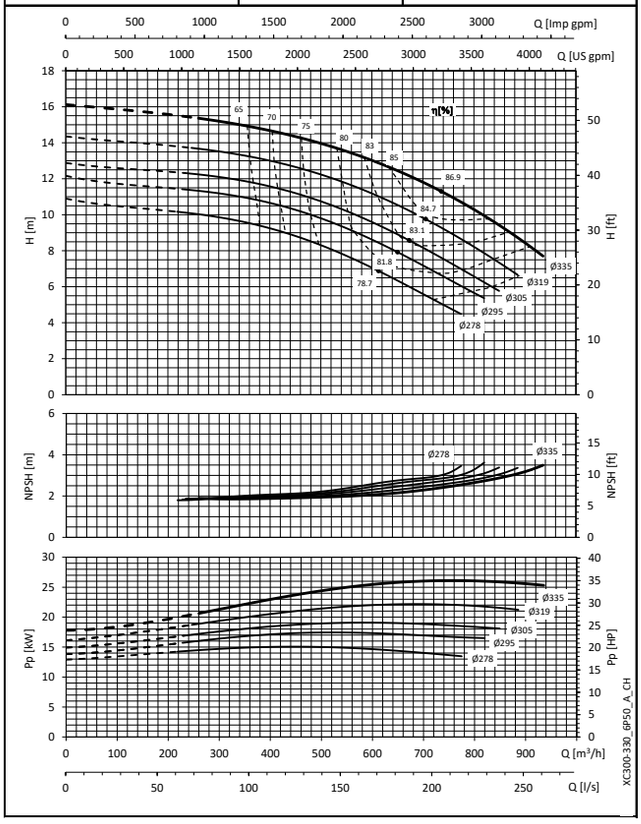
# e-XC SERIES
# OPERATING CHARACTERISTICS AT 50 Hz, 6 POLES

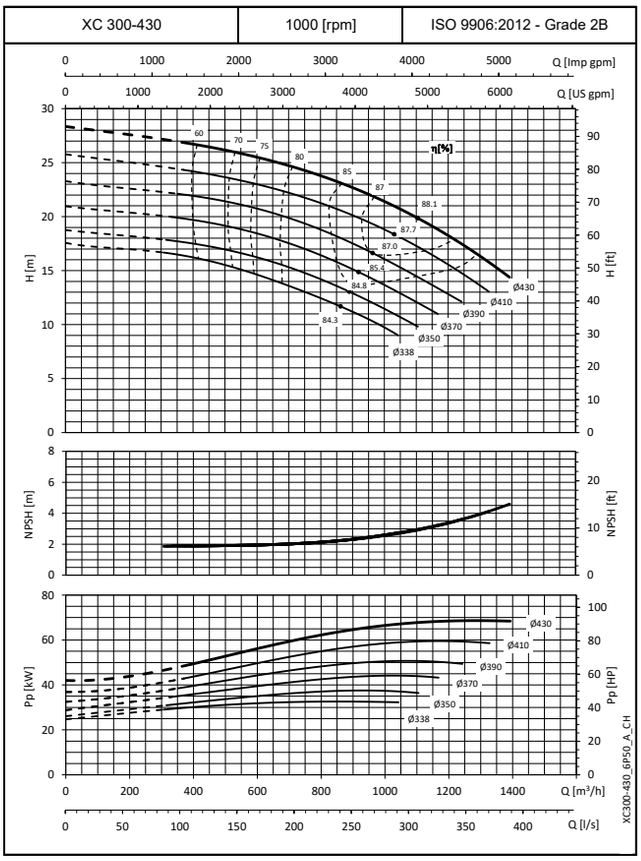
| XC 300-315 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|



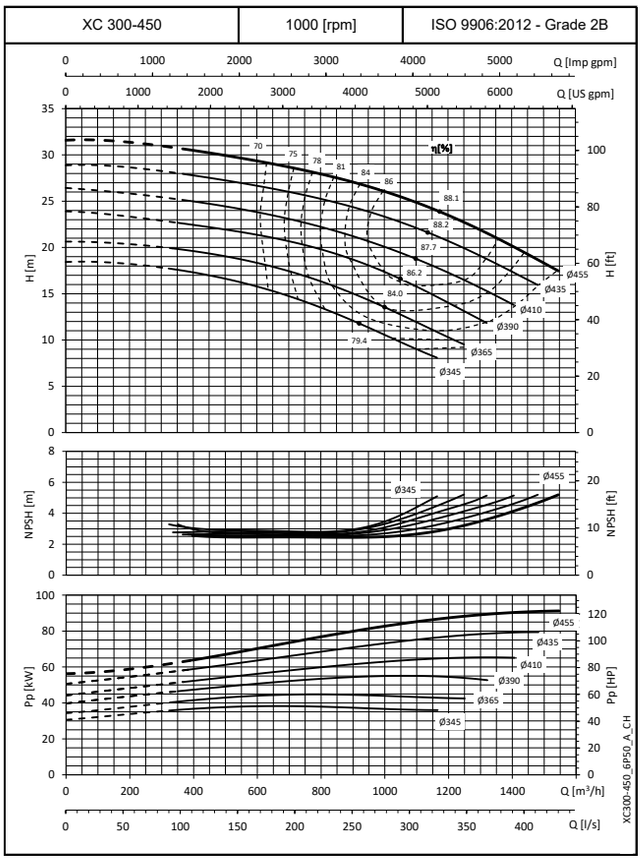

| XC 300-330 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




| XC 300-430 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




| XC 300-450 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm3 and kinematic viscosity ν = 1 mm2/sec.

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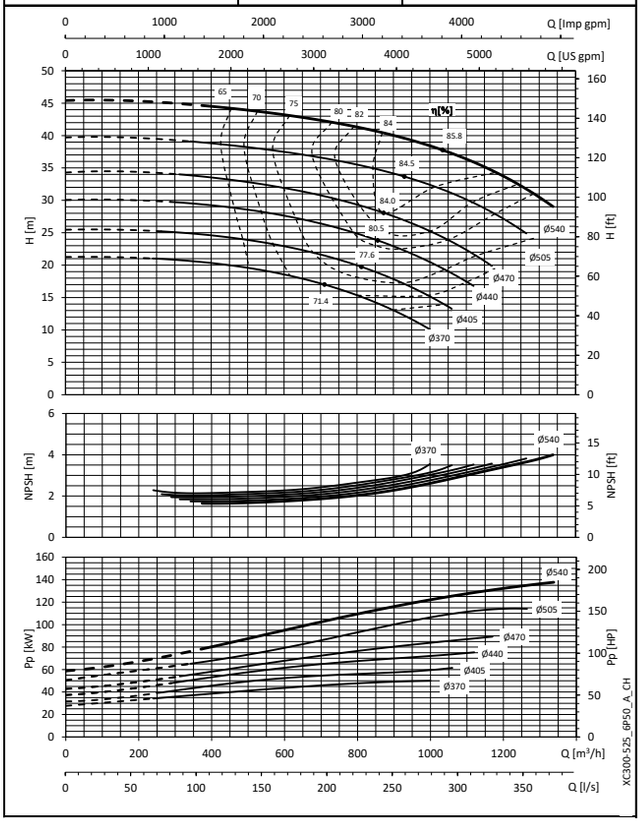
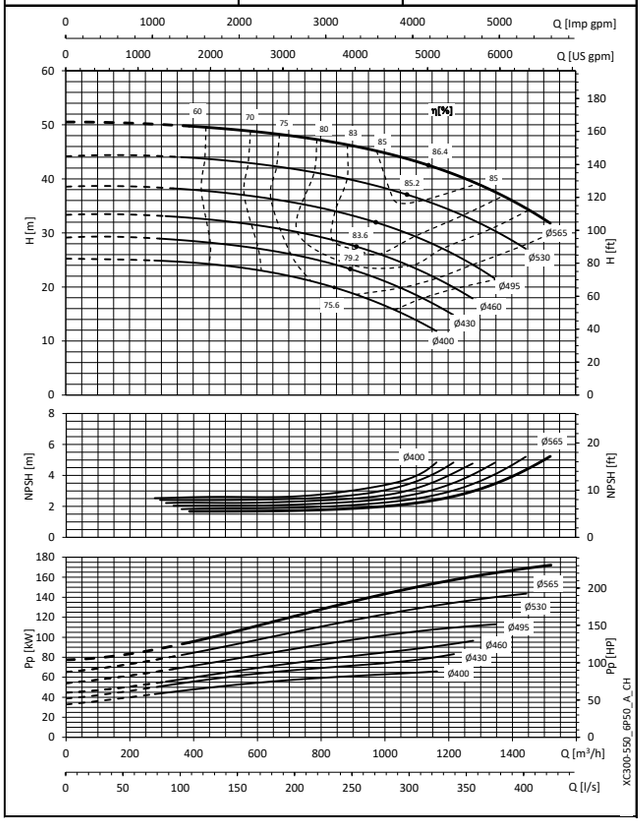
# e-XC SERIES
# OPERATING CHARACTERISTICS AT 50 Hz, 6 POLES

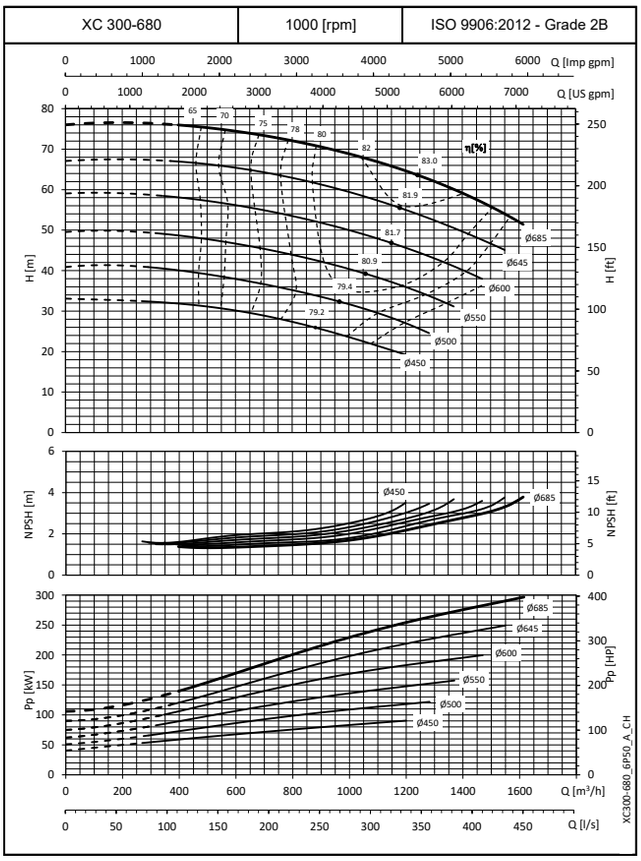
XC 300-525 | 1000 [rpm] | ISO 9906:2012 - Grade 2B



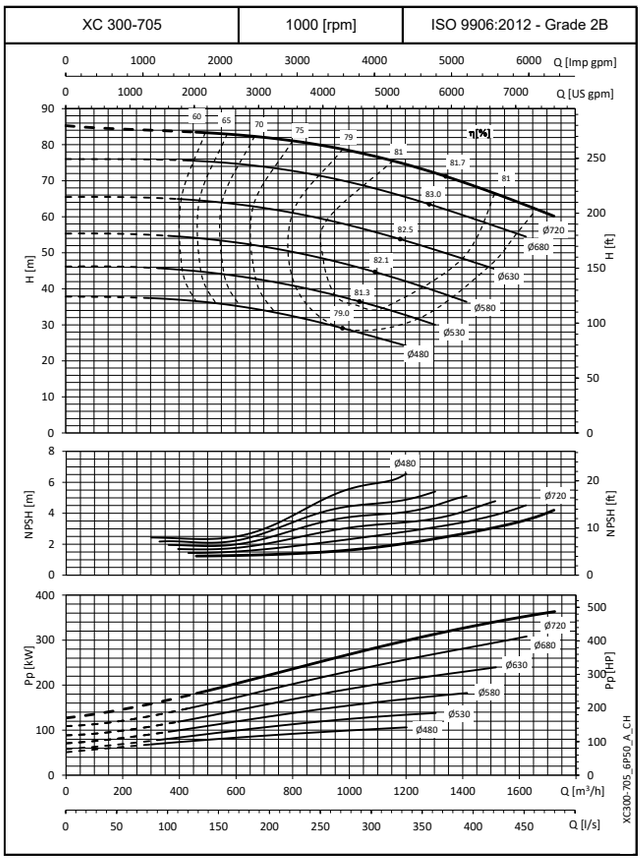

XC 300-550 | 1000 [rpm] | ISO 9906:2012 - Grade 2B




XC 300-680 | 1000 [rpm] | ISO 9906:2012 - Grade 2B




XC 300-705 | 1000 [rpm] | ISO 9906:2012 - Grade 2B




The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm3 and kinematic viscosity ν = 1 mm2/sec.

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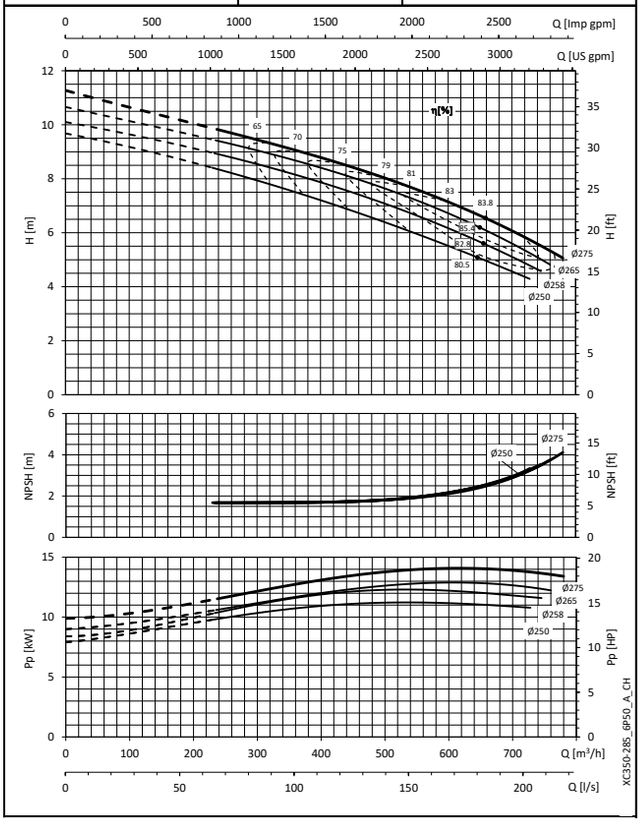
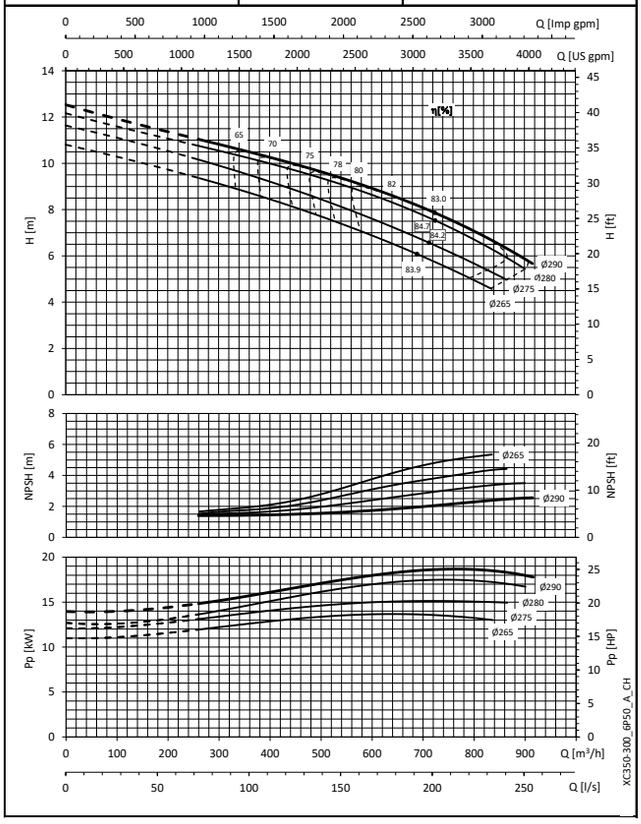
# e-XC SERIES
# OPERATING CHARACTERISTICS AT 50 Hz, 6 POLES

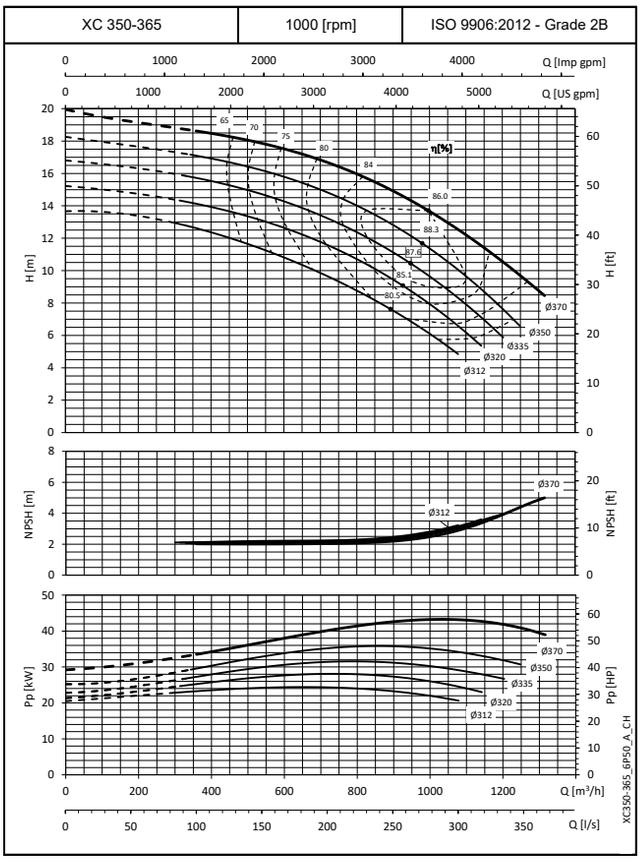
XC 350-285 | 1000 [rpm] | ISO 9906:2012 - Grade 2B



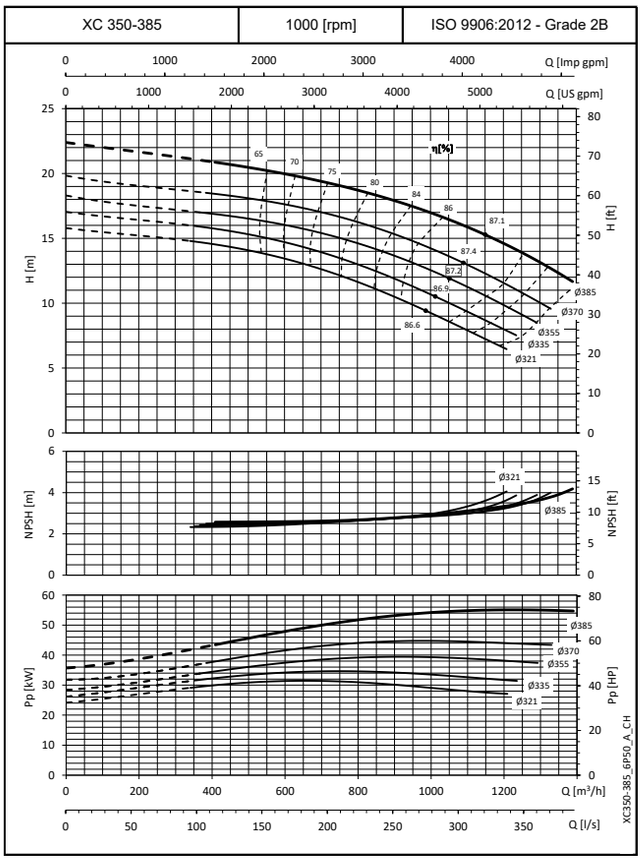

XC 350-300 | 1000 [rpm] | ISO 9906:2012 - Grade 2B




XC 350-365 | 1000 [rpm] | ISO 9906:2012 - Grade 2B




XC 350-385 | 1000 [rpm] | ISO 9906:2012 - Grade 2B




The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm3 and kinematic viscosity ν = 1 mm2/sec.

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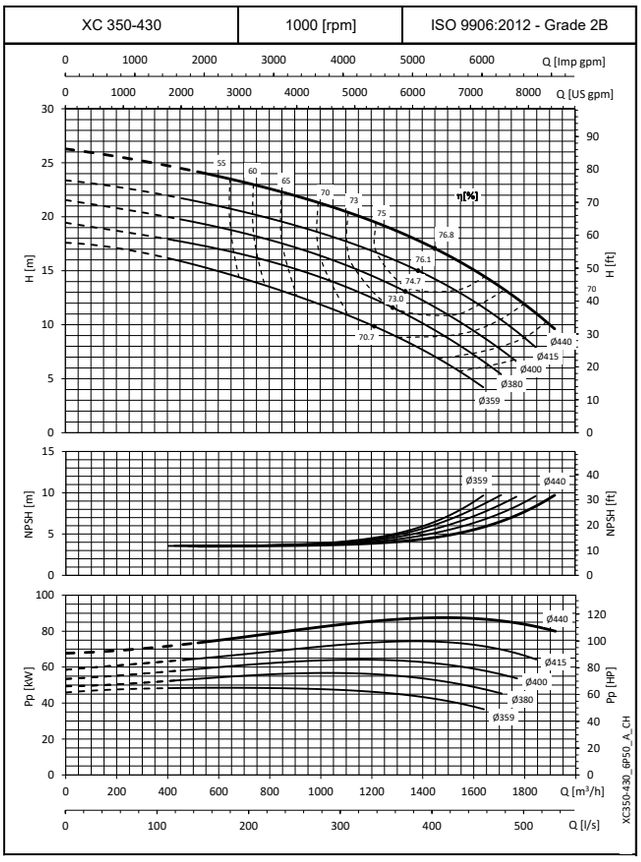
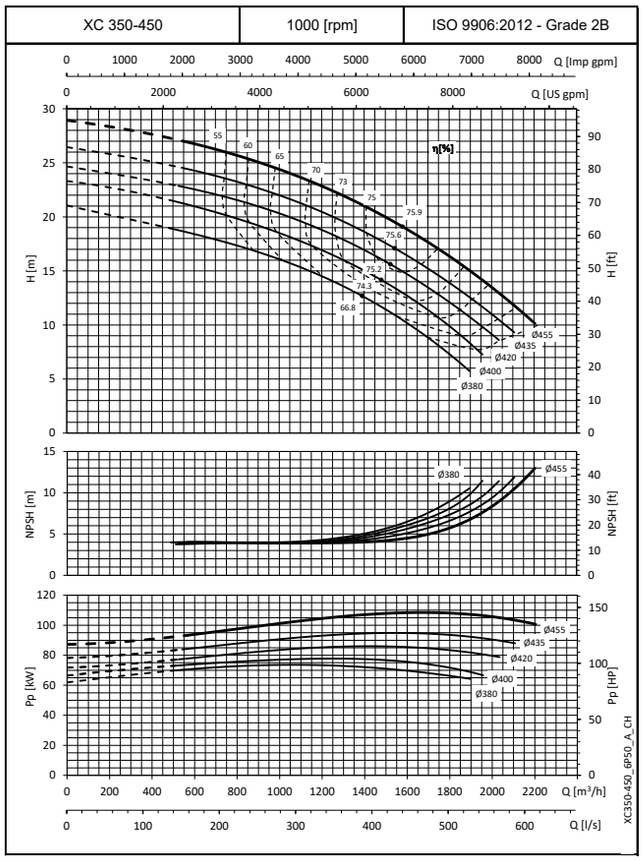
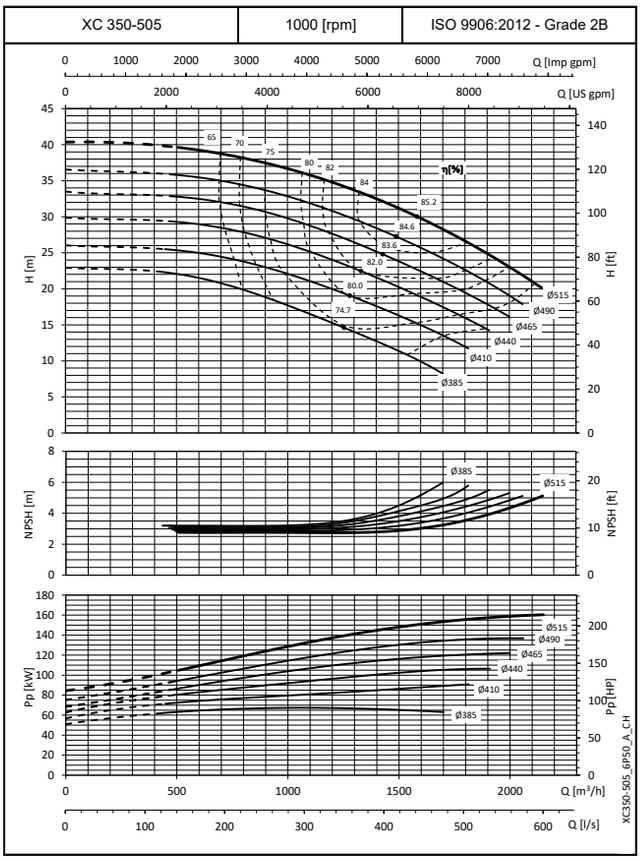
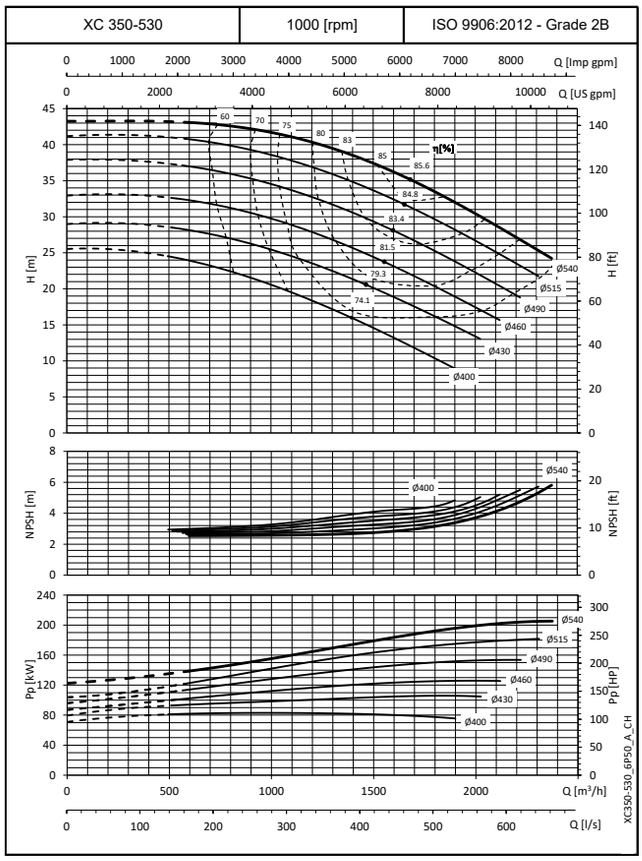
# e-XC SERIES
# OPERATING CHARACTERISTICS AT 50 Hz, 6 POLES




The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm3 and kinematic viscosity ν = 1 mm2/sec.

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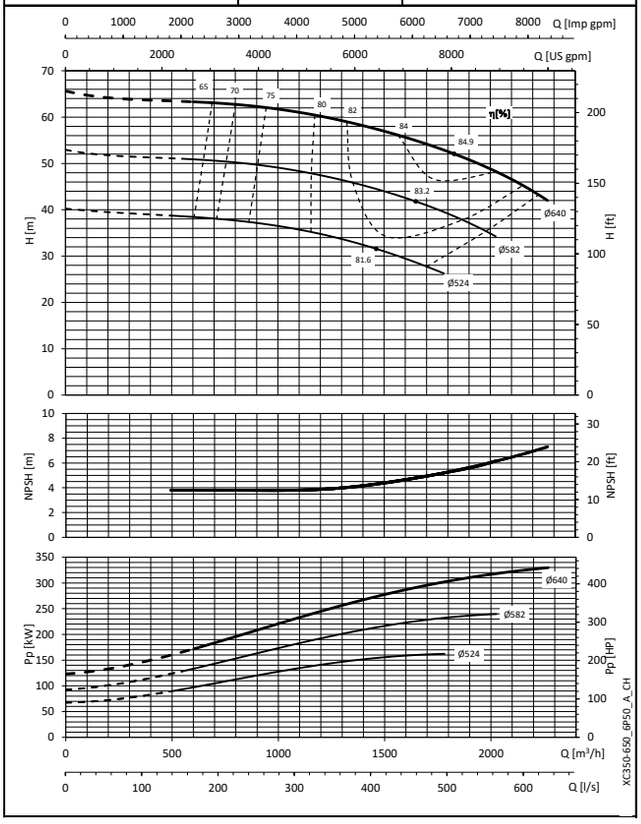
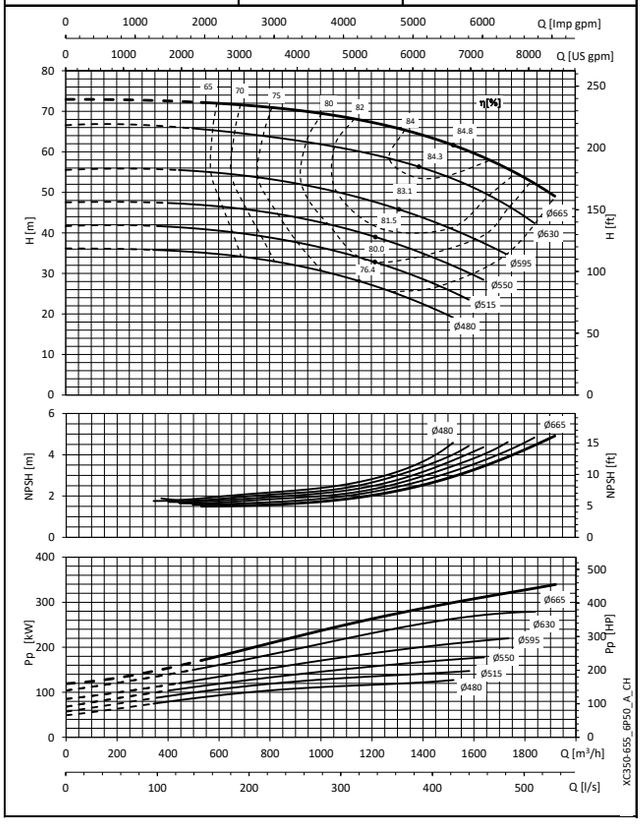
# e-XC SERIES
# OPERATING CHARACTERISTICS AT 50 Hz, 6 POLES

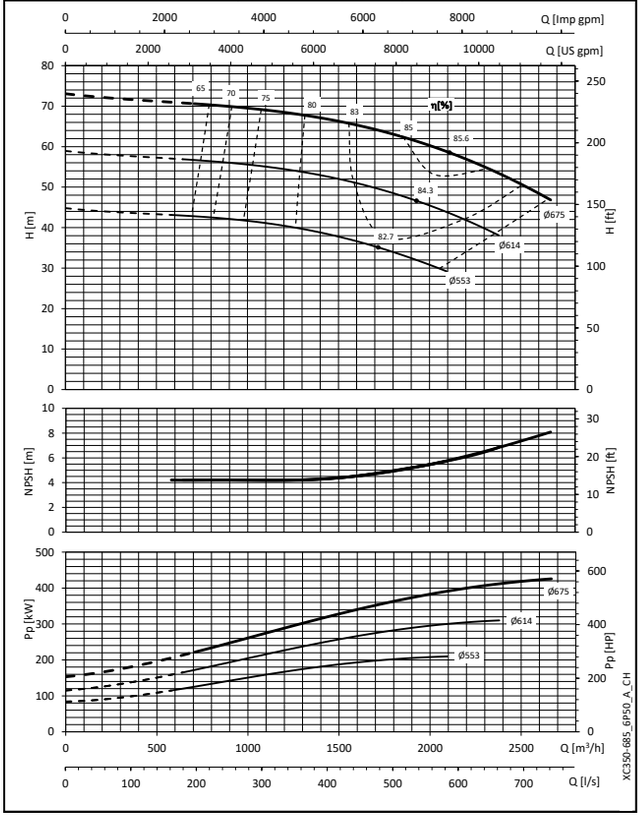
| XC 350-650 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|



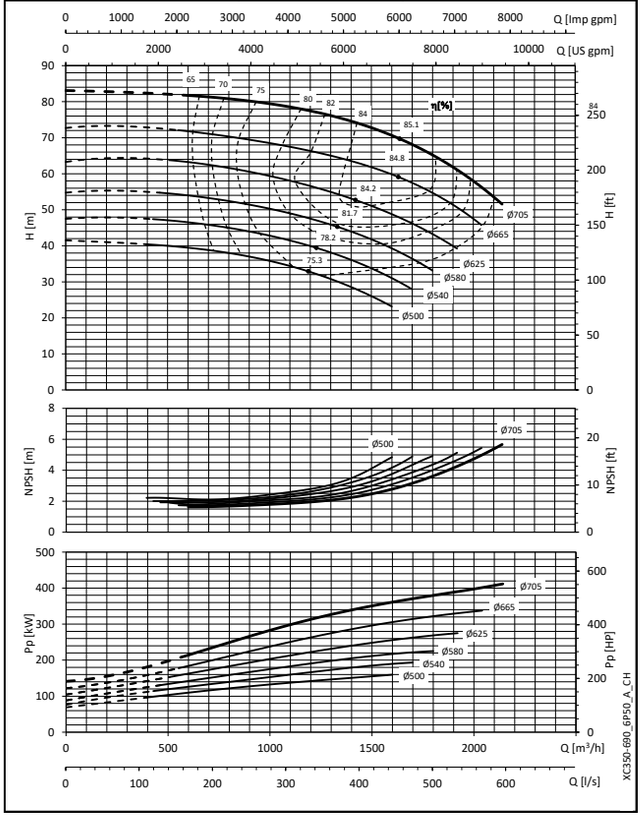

| XC 350-655 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




| XC 350-685 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




| XC 350-690 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm3 and kinematic viscosity ν = 1 mm2/sec.

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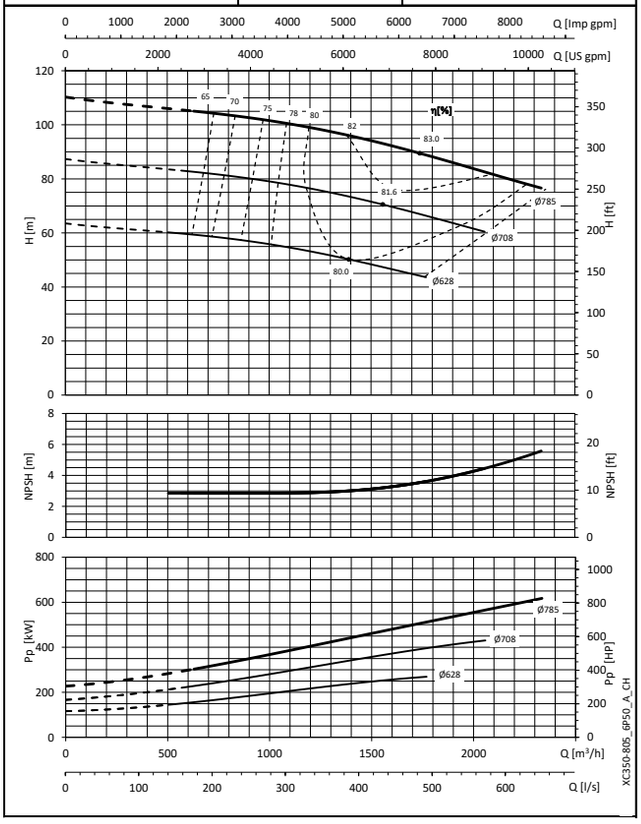
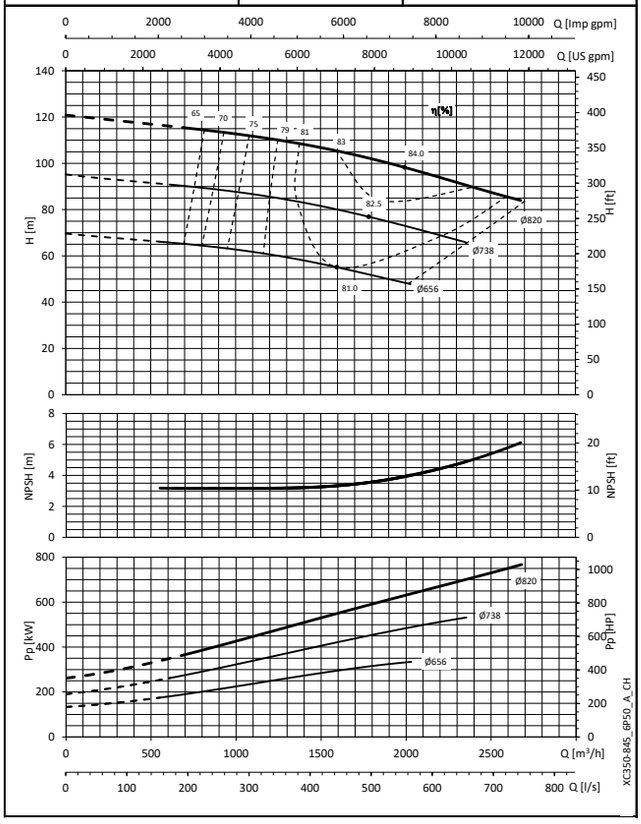
# e-XC SERIES
# OPERATING CHARACTERISTICS AT 50 Hz, 6 POLES

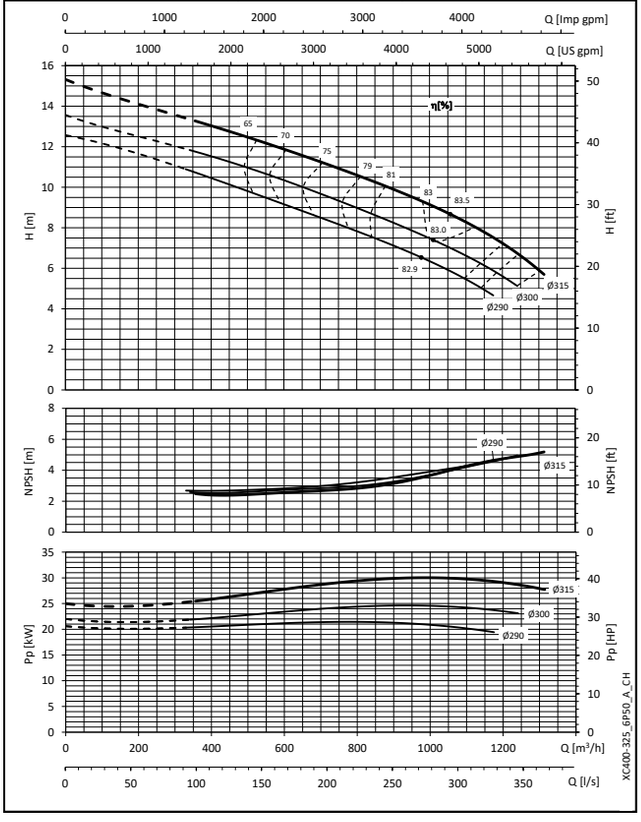
| XC 350-805 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|



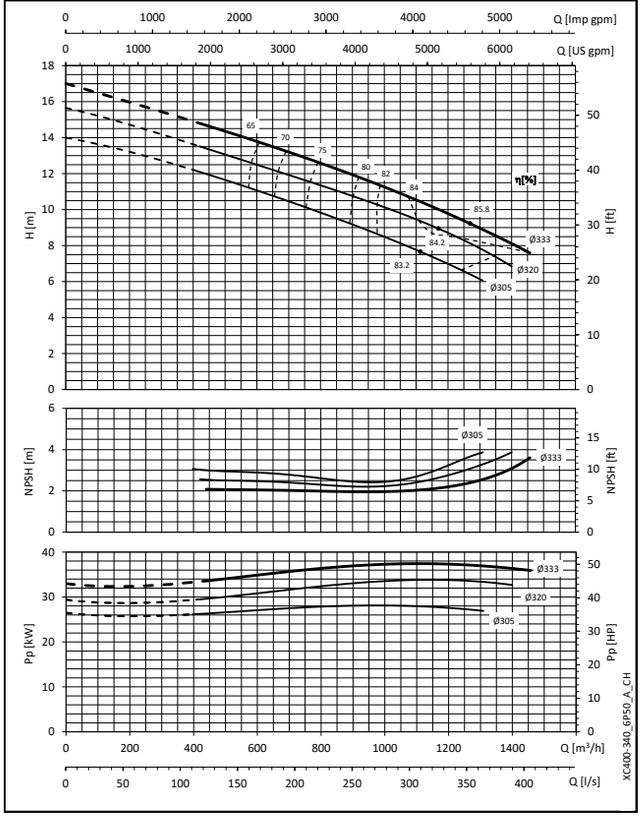

| XC 350-845 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




| XC 400-325 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




| XC 400-340 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm3 and kinematic viscosity ν = 1 mm2/sec.

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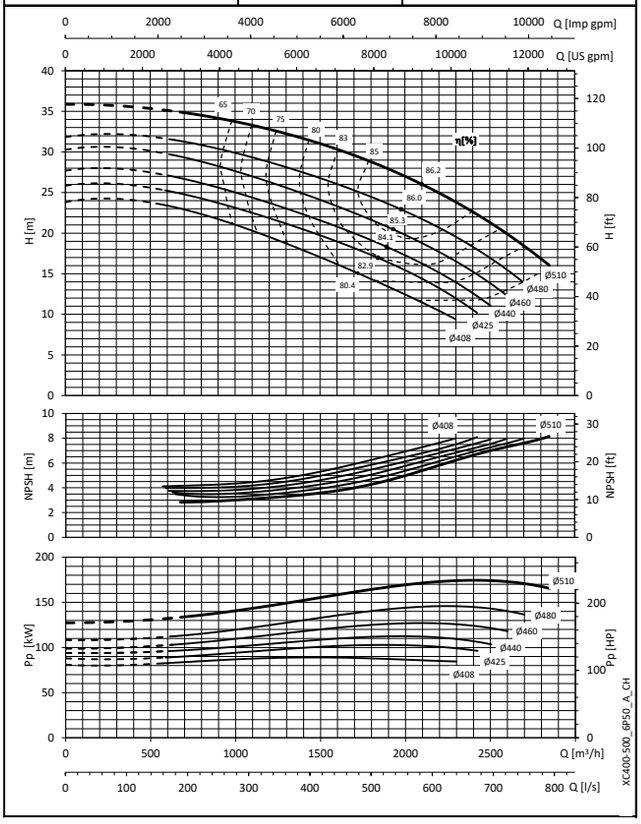
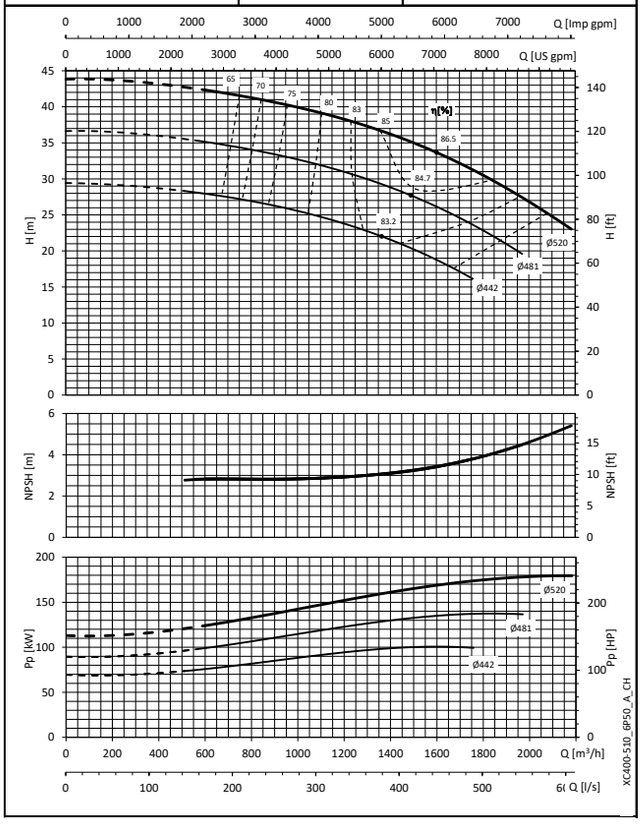
# e-XC SERIES
# OPERATING CHARACTERISTICS AT 50 Hz, 6 POLES

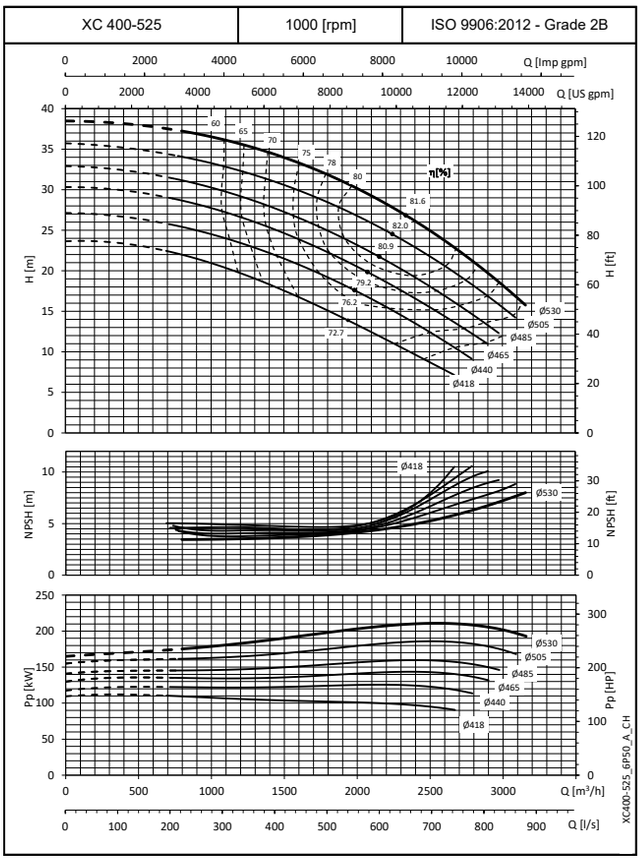
| XC 400-500 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|



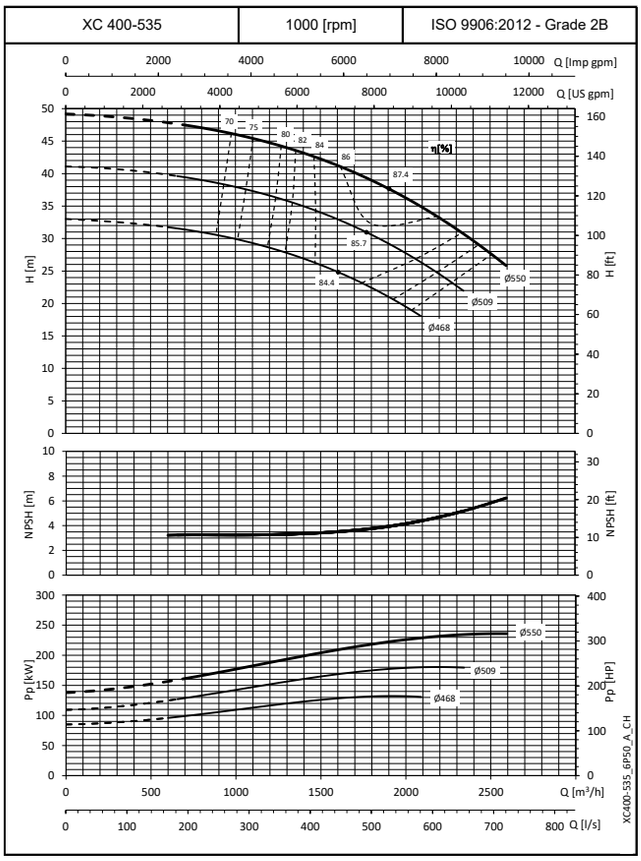

| XC 400-510 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




| XC 400-525 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




| XC 400-535 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm3 and kinematic viscosity ν = 1 mm2/sec.

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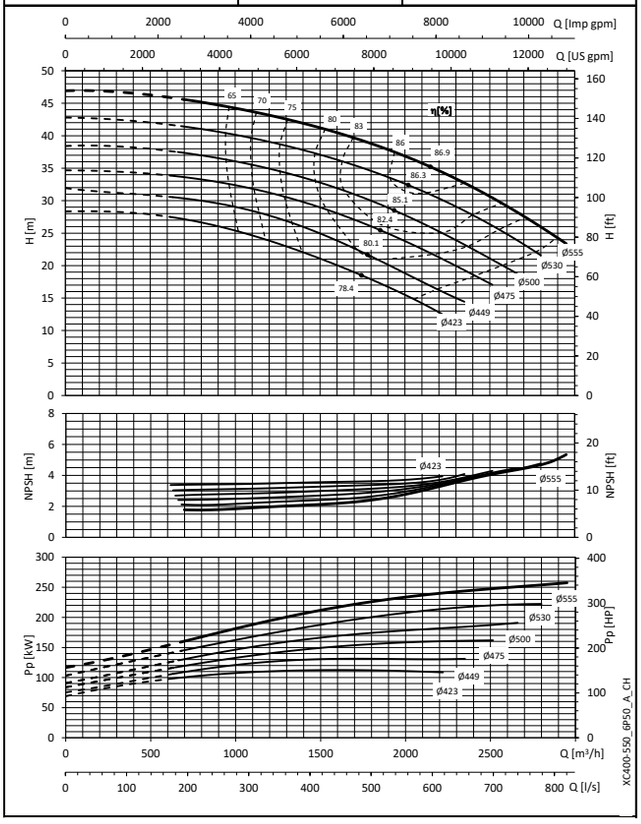
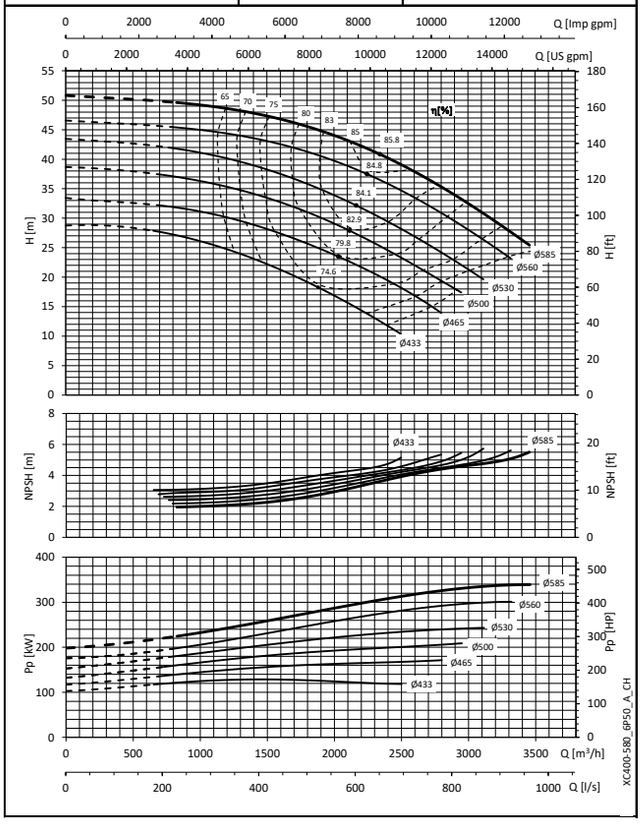
# e-XC SERIES
# OPERATING CHARACTERISTICS AT 50 Hz, 6 POLES

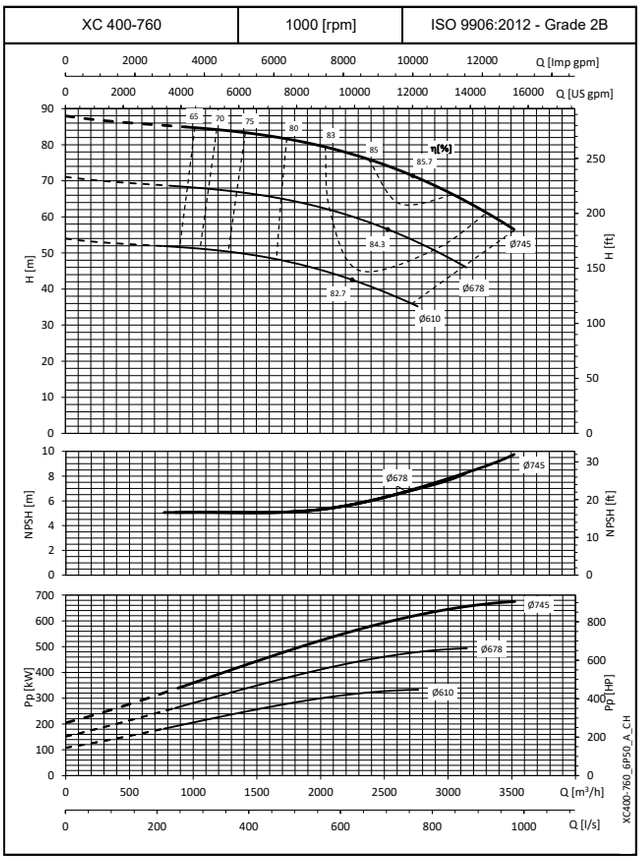
| XC 400-550 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|



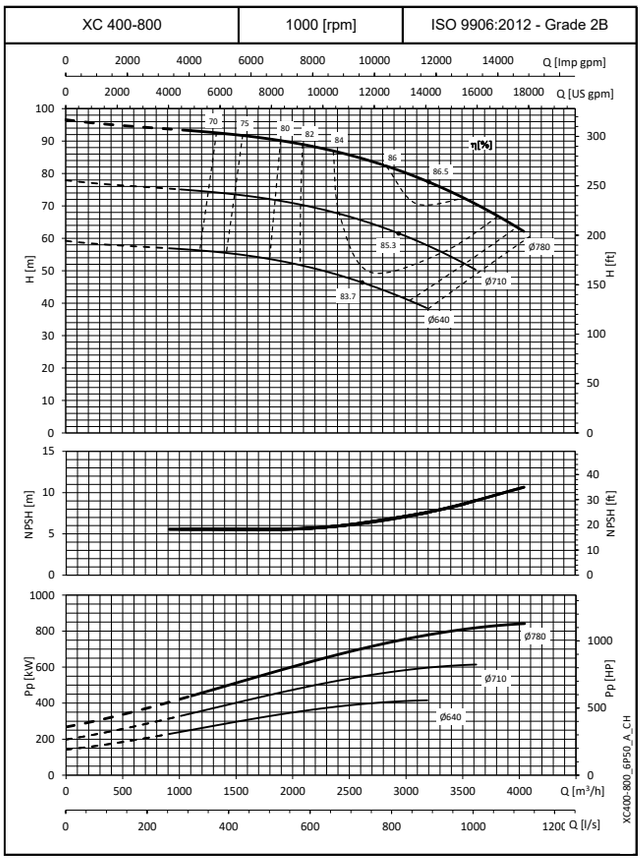

| XC 400-580 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




| XC 400-760 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




| XC 400-800 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm3 and kinematic viscosity ν = 1 mm2/sec.

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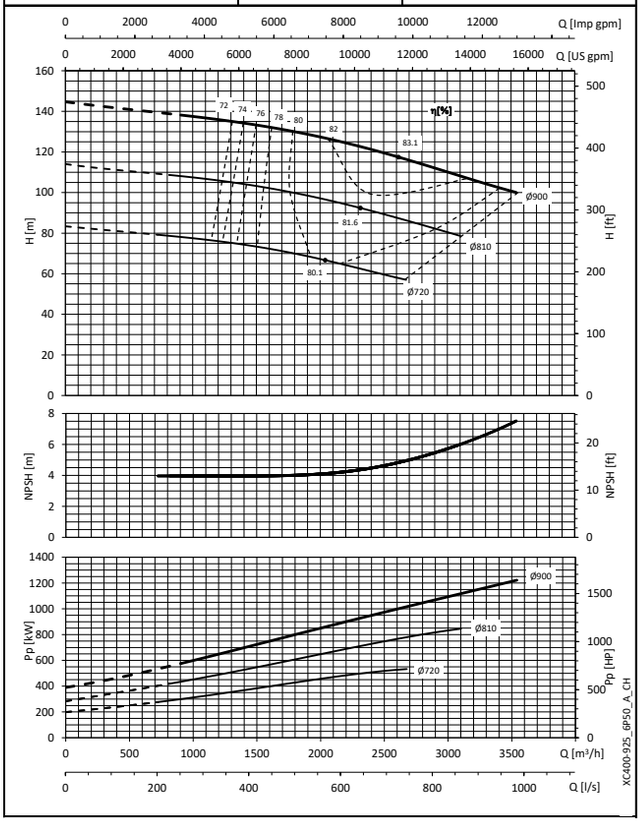
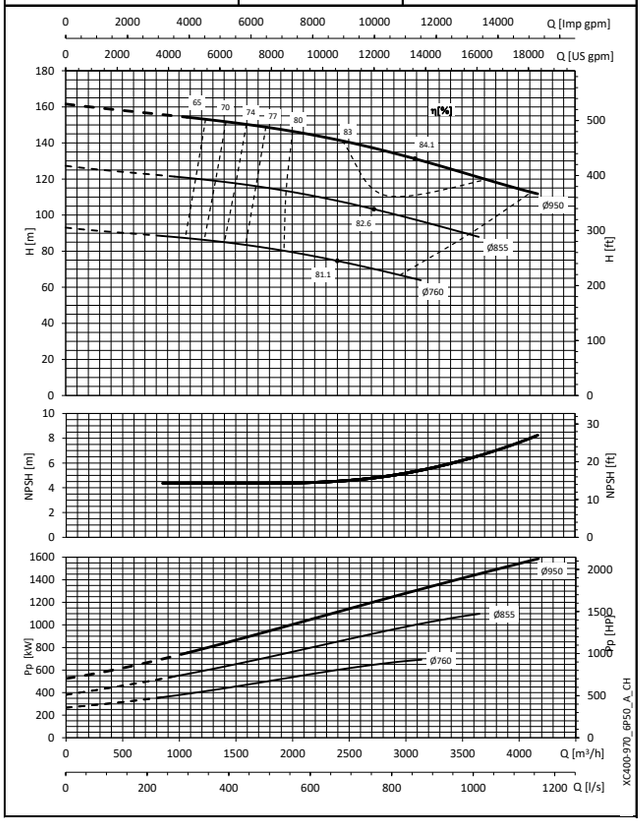
# e-XC SERIES
# OPERATING CHARACTERISTICS AT 50 Hz, 6 POLES

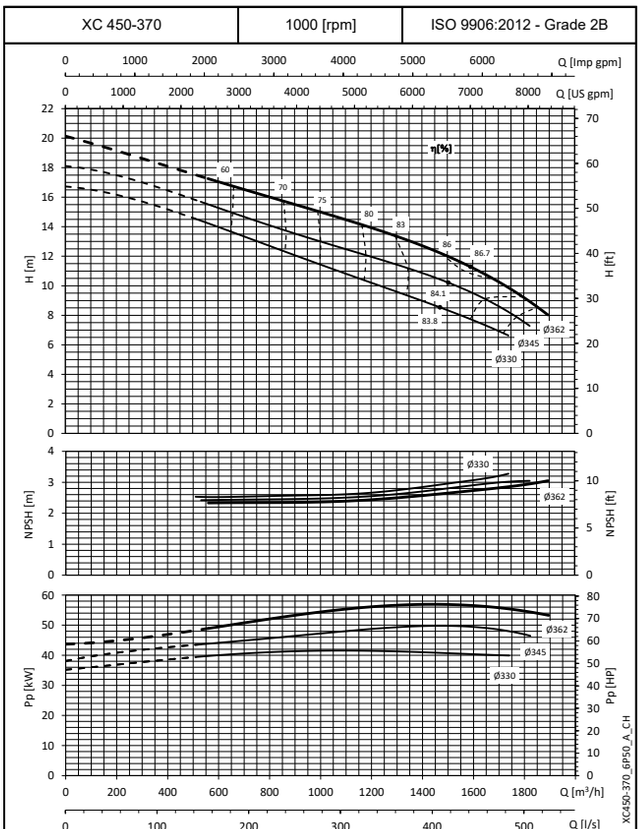
| XC 400-925 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|



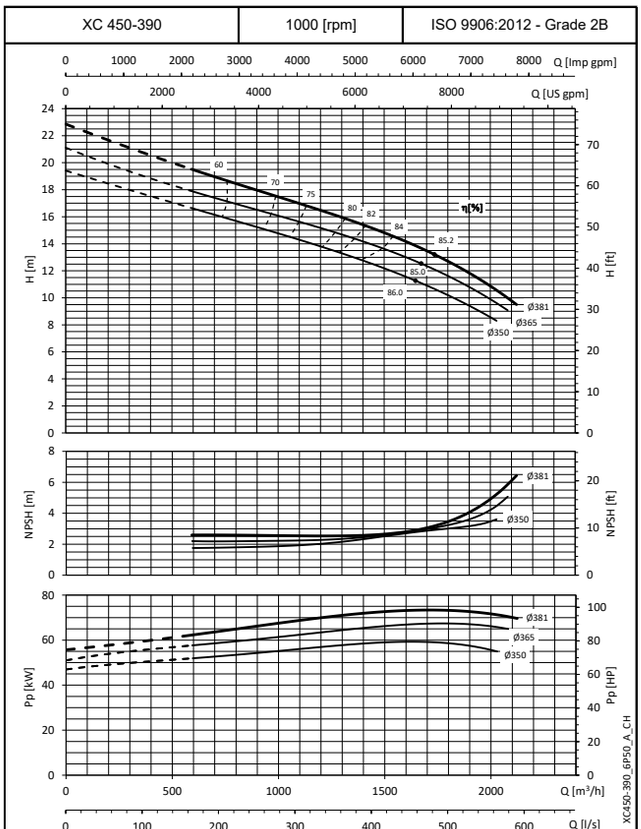

| XC 400-970 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




| XC 450-370 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




| XC 450-390 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm3 and kinematic viscosity ν = 1 mm2/sec.

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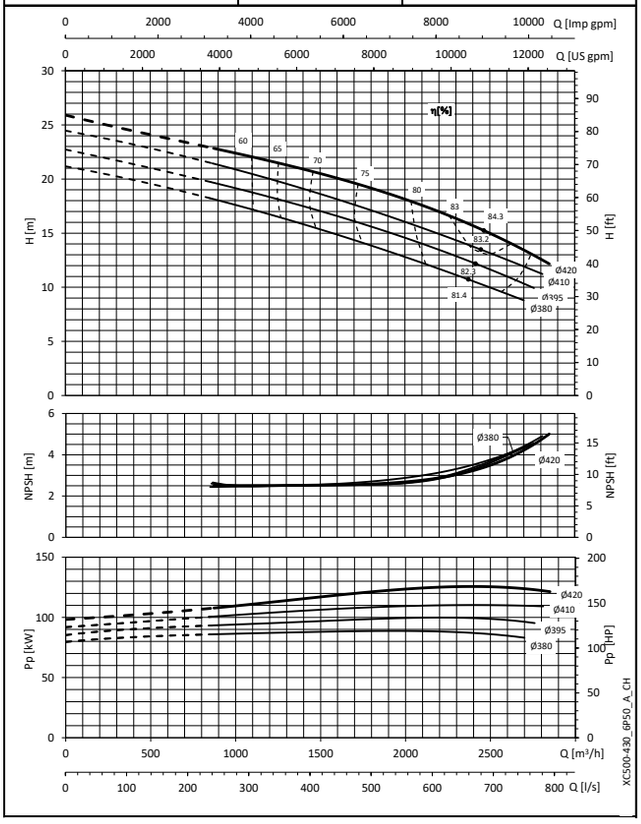
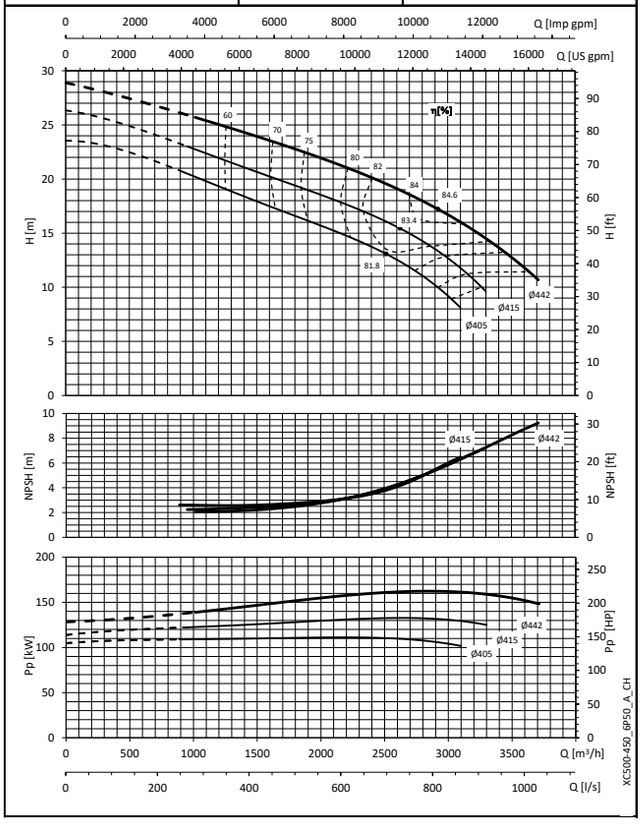
# e-XC SERIES
# OPERATING CHARACTERISTICS AT 50 Hz, 6 POLES

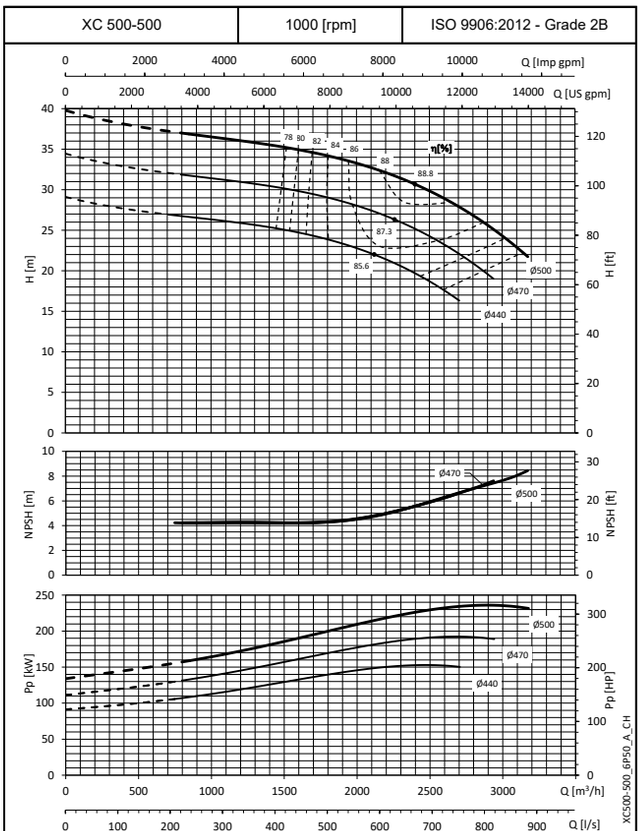
| XC 500-430 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|



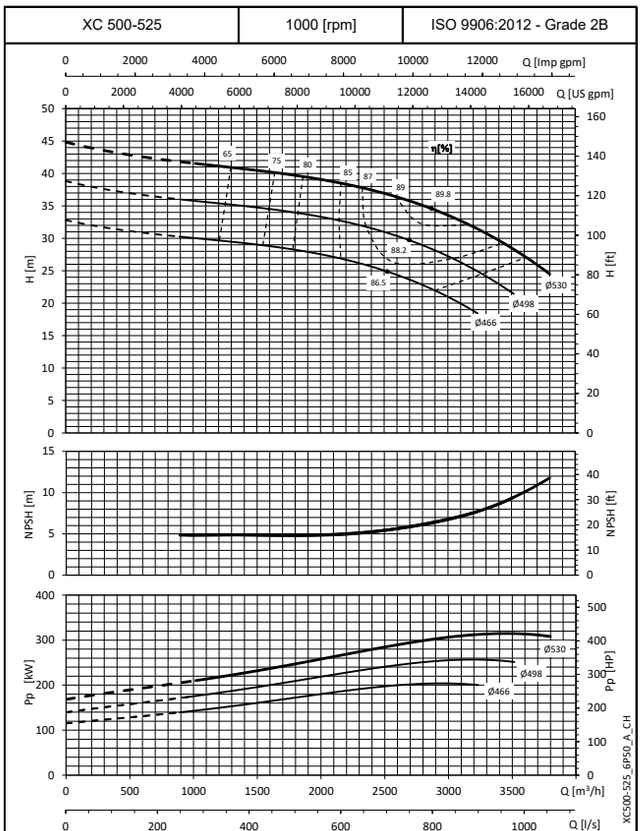

| XC 500-450 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




| XC 500-500 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




| XC 500-525 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm3 and kinematic viscosity ν = 1 mm2/sec.

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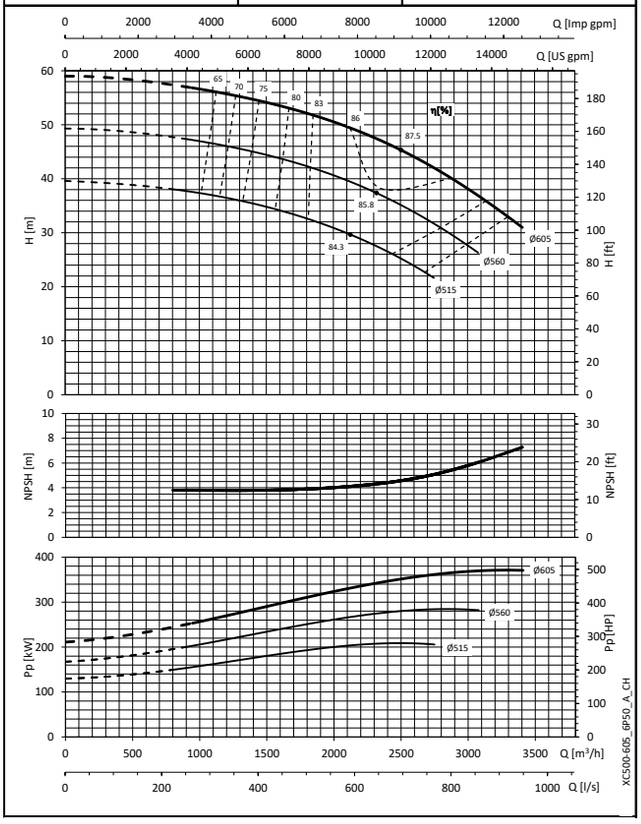
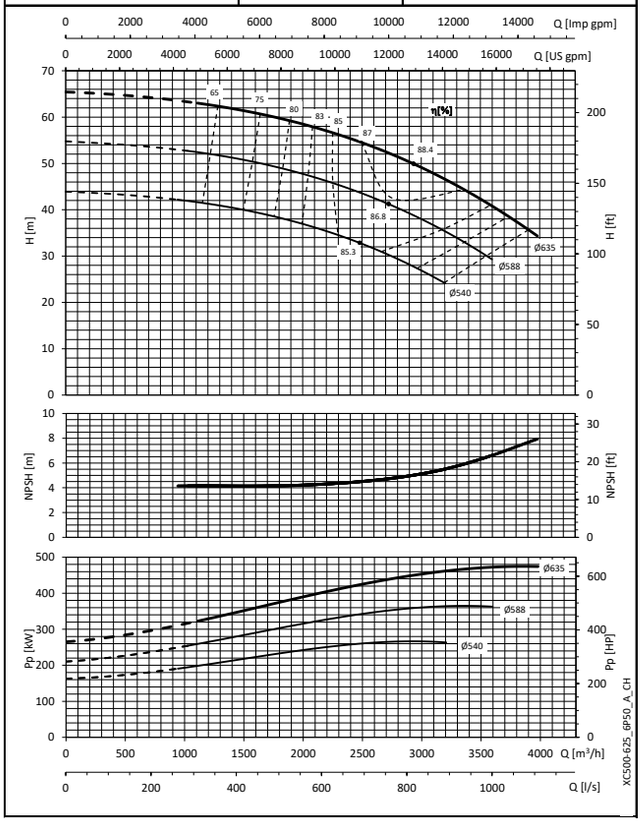
# e-XC SERIES
# OPERATING CHARACTERISTICS AT 50 Hz, 6 POLES

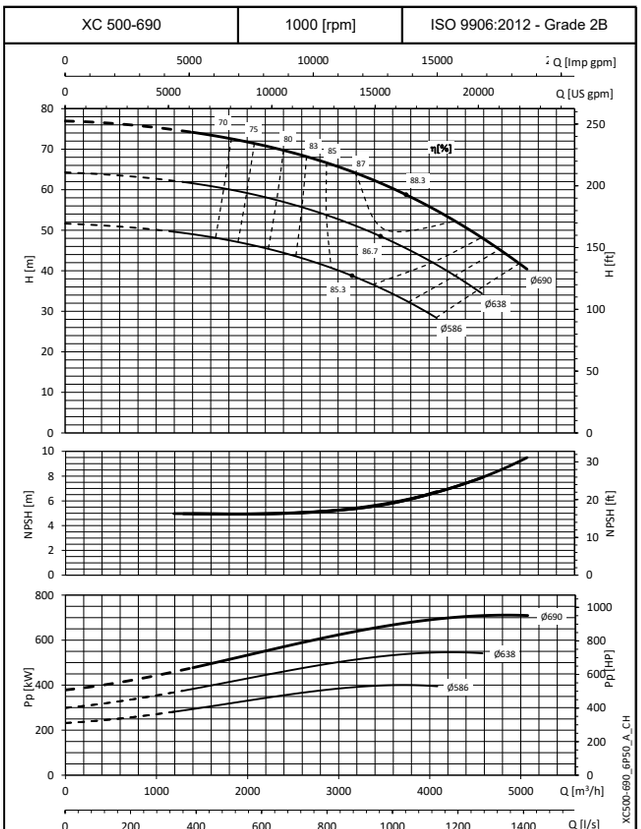
| XC 500-605 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|



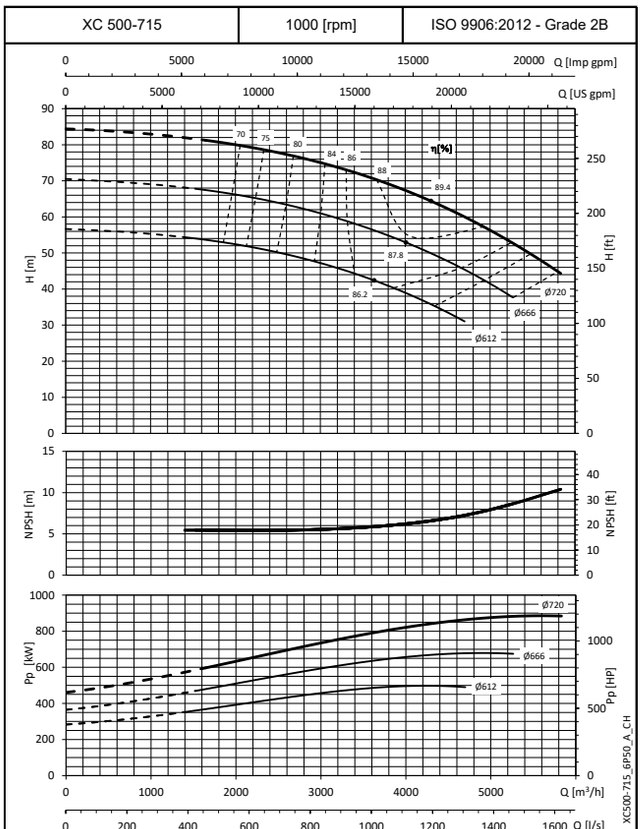

| XC 500-625 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




| XC 500-690 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




| XC 500-715 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm3 and kinematic viscosity ν = 1 mm2/sec.

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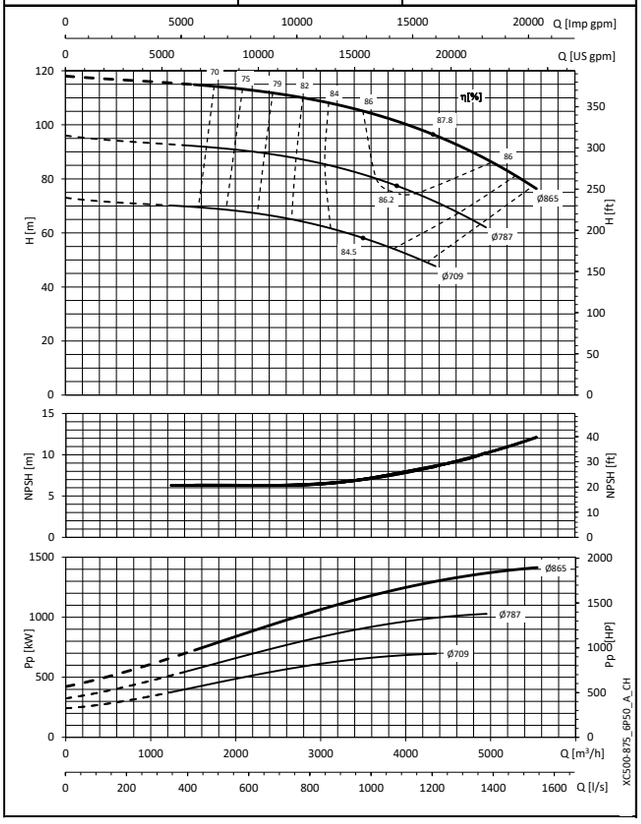
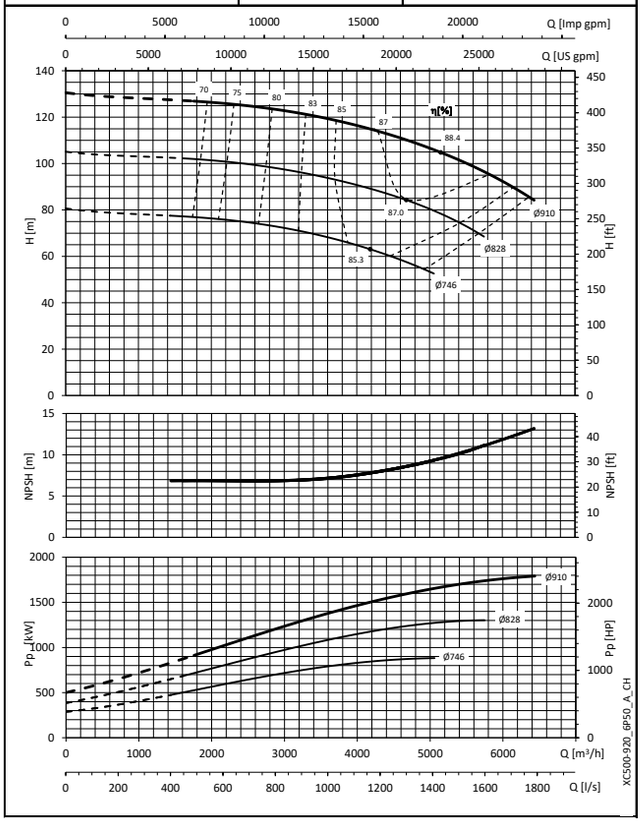
# e-XC SERIES
# OPERATING CHARACTERISTICS AT 50 Hz, 6 POLES

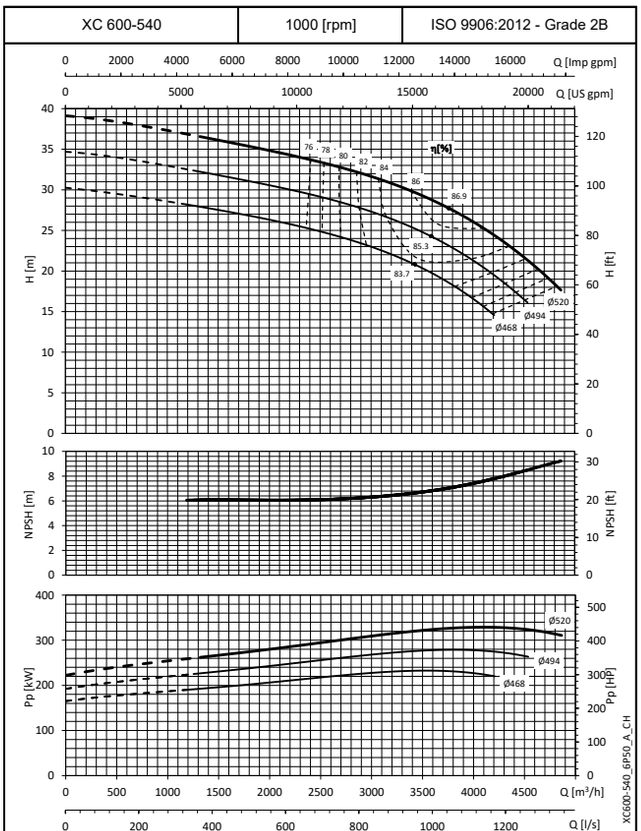
| XC 500-875 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|



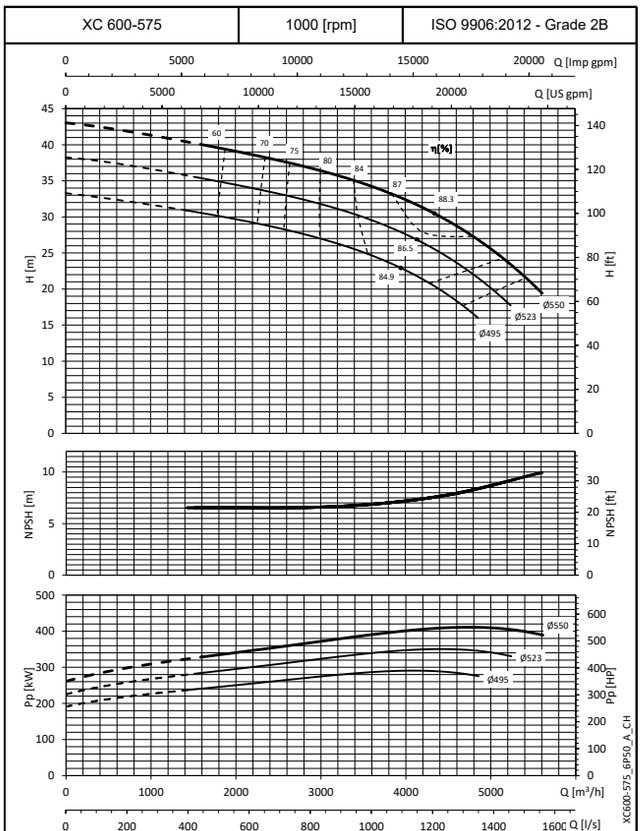

| XC 500-920 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




| XC 600-540 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




| XC 600-575 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm3 and kinematic viscosity ν = 1 mm2/sec.

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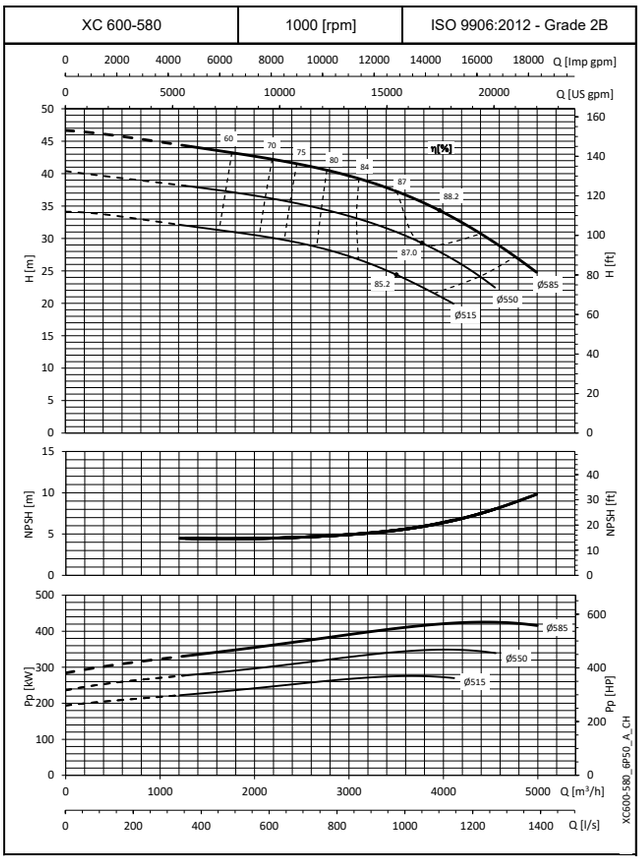
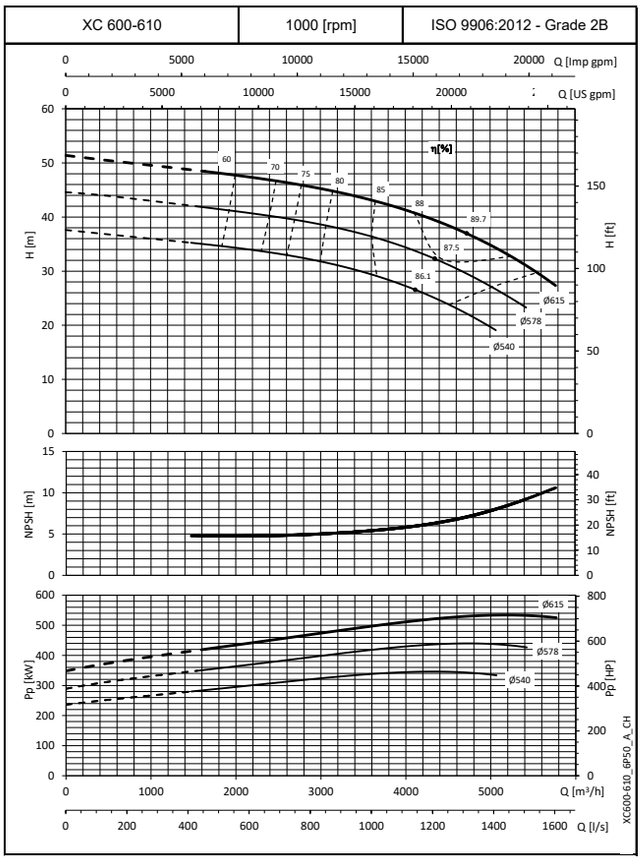
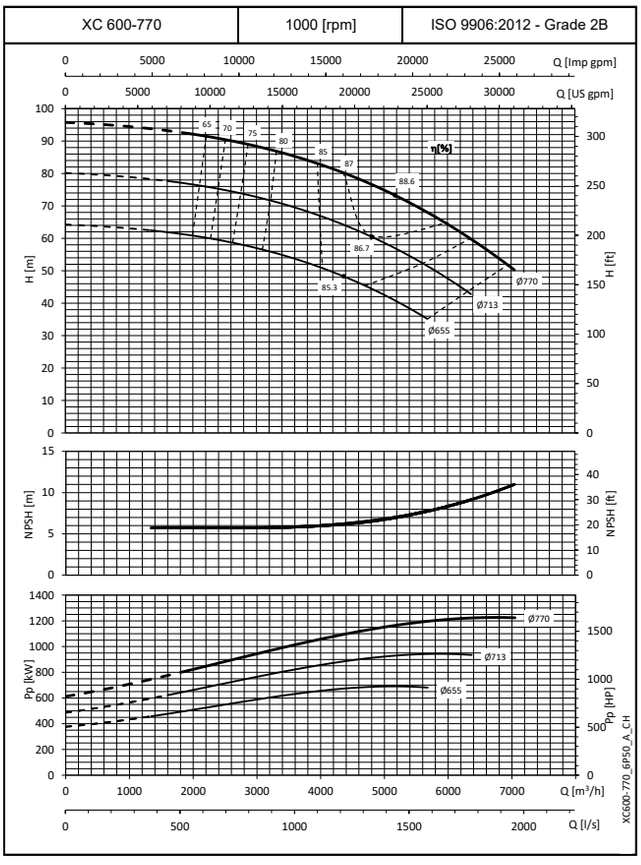
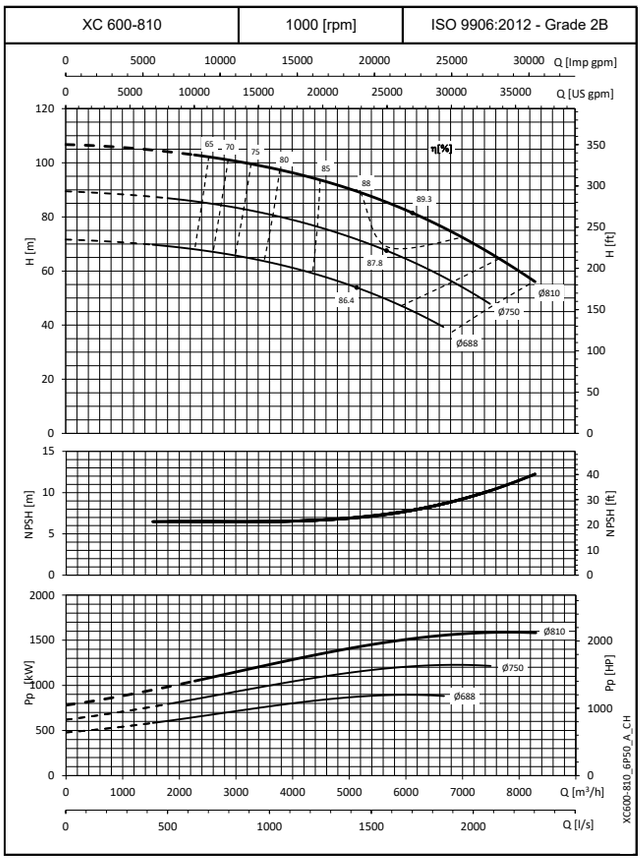
# e-XC SERIES
# OPERATING CHARACTERISTICS AT 50 Hz, 6 POLES



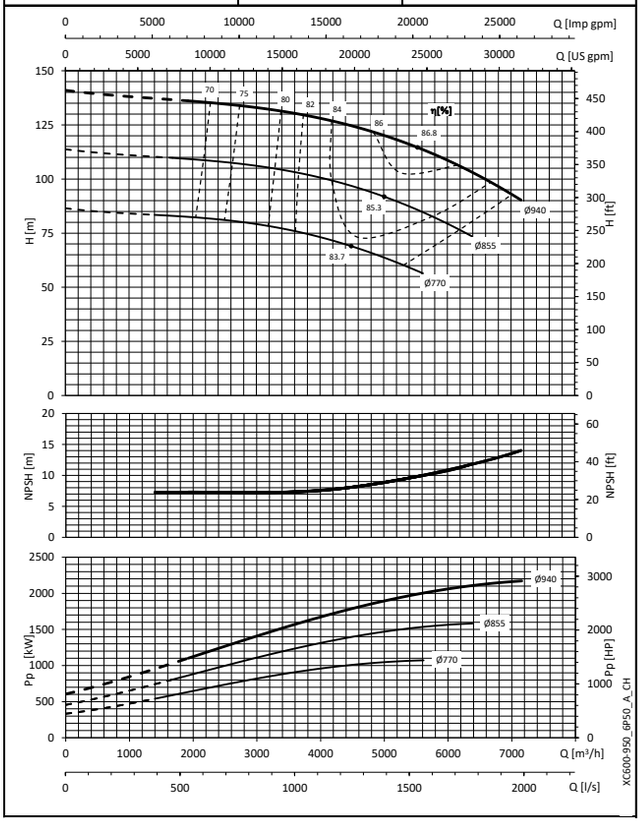



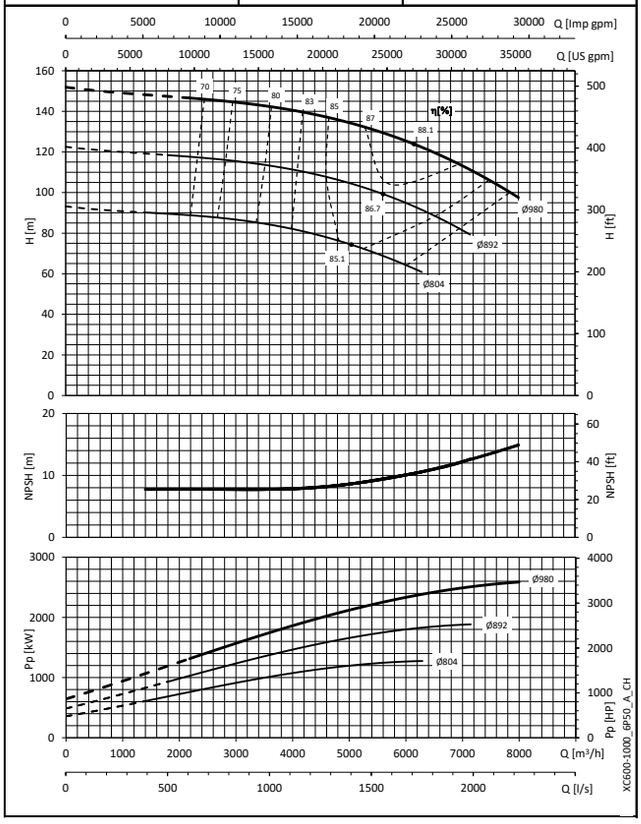

The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm3 and kinematic viscosity ν = 1 mm2/sec.

# e-XC SERIES
# OPERATING CHARACTERISTICS AT 50 Hz, 6 POLES

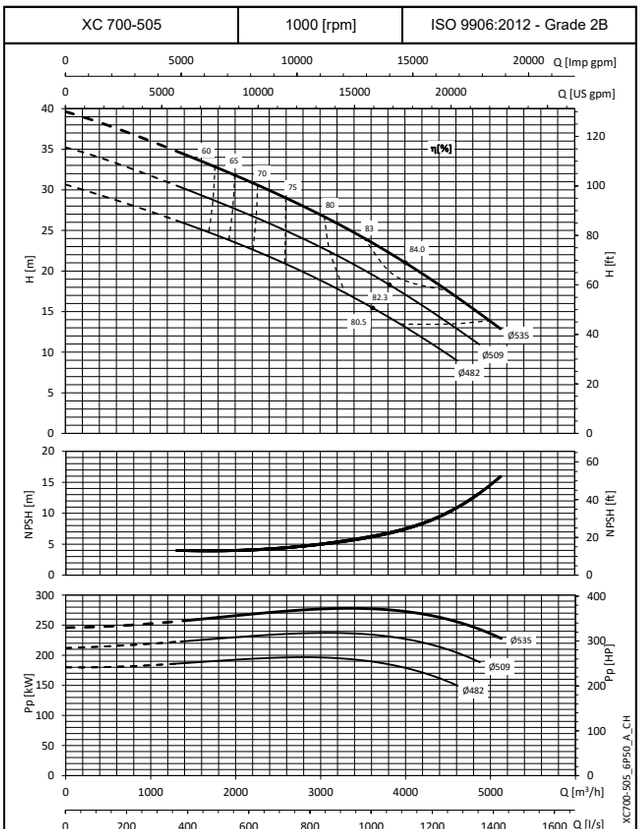
| XC 600-950 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|



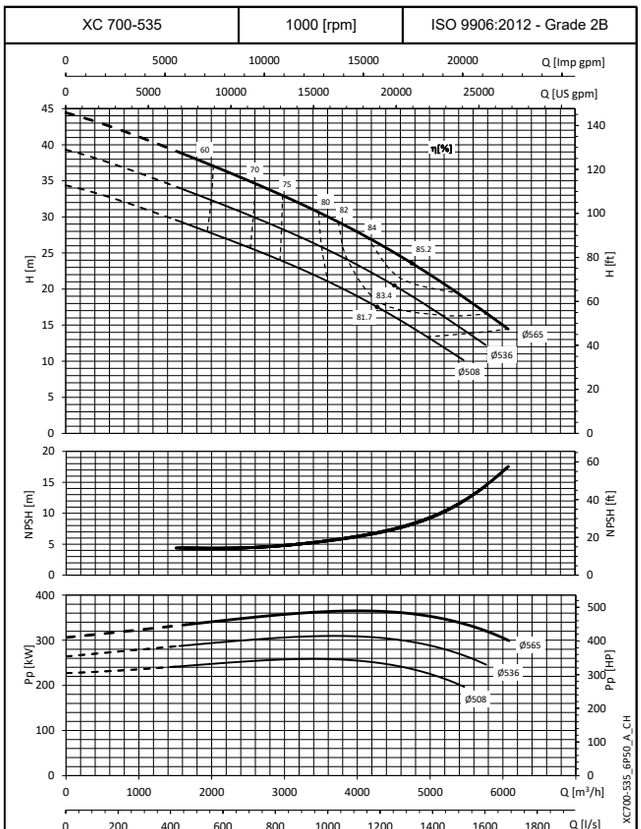

| XC 600-1000 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




| XC 700-505 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




| XC 700-535 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm3 and kinematic viscosity ν = 1 mm2/sec.

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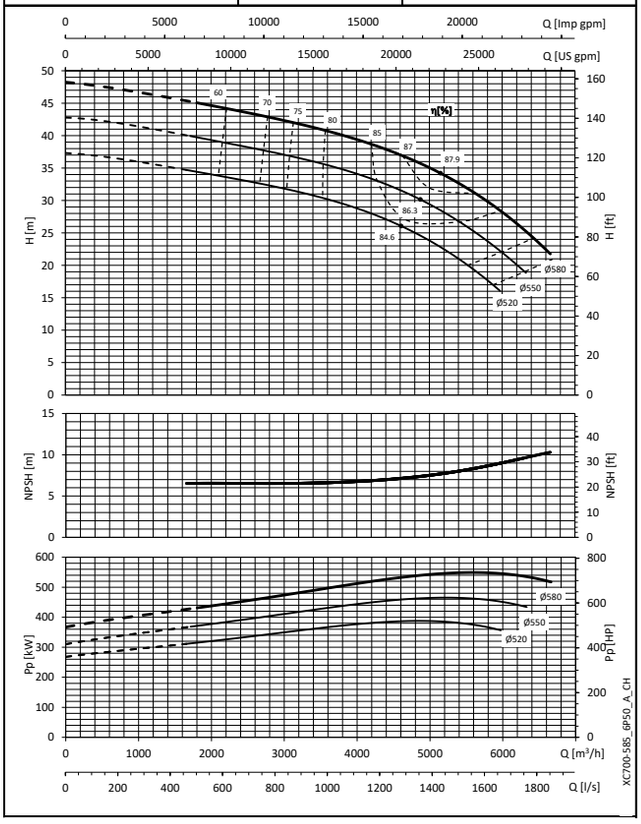
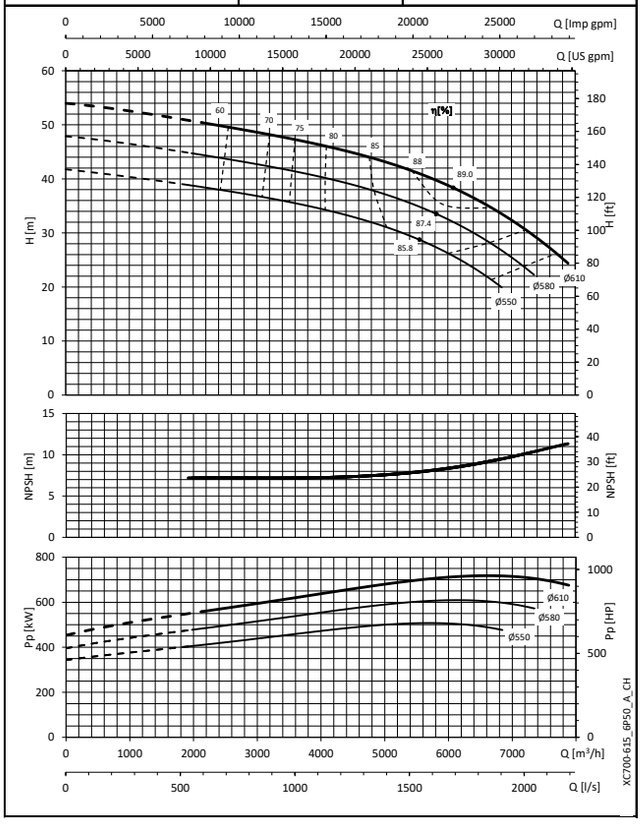
# e-XC SERIES
# OPERATING CHARACTERISTICS AT 50 Hz, 6 POLES

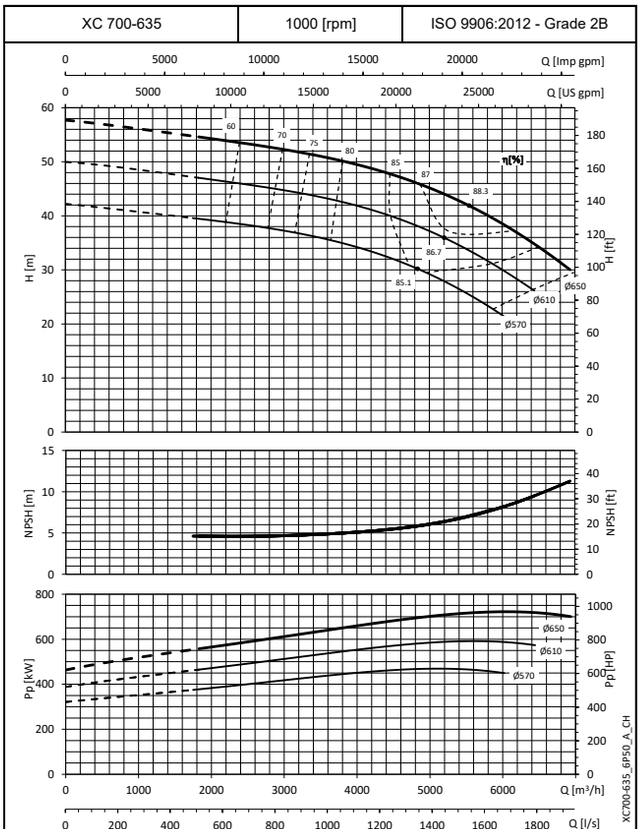
| XC 700-585 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|



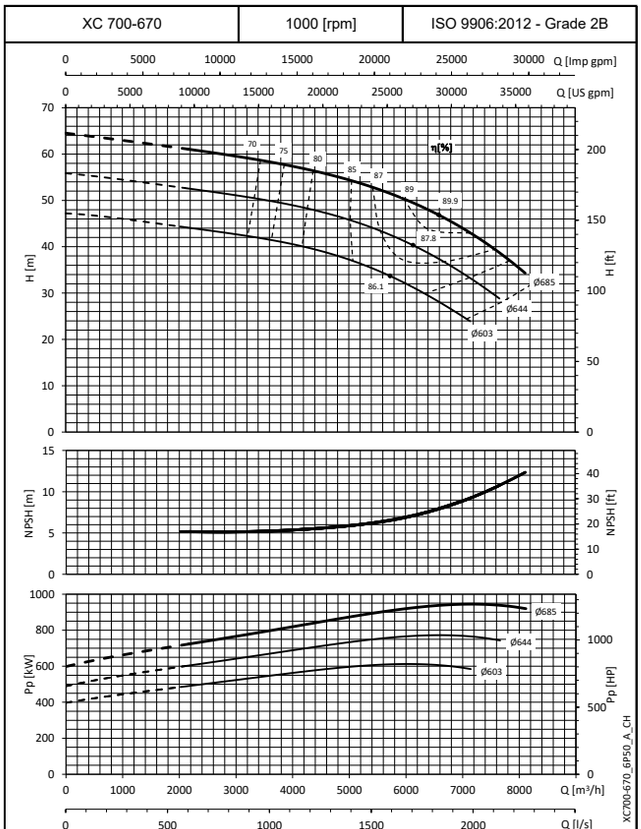

| XC 700-615 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




| XC 700-635 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|



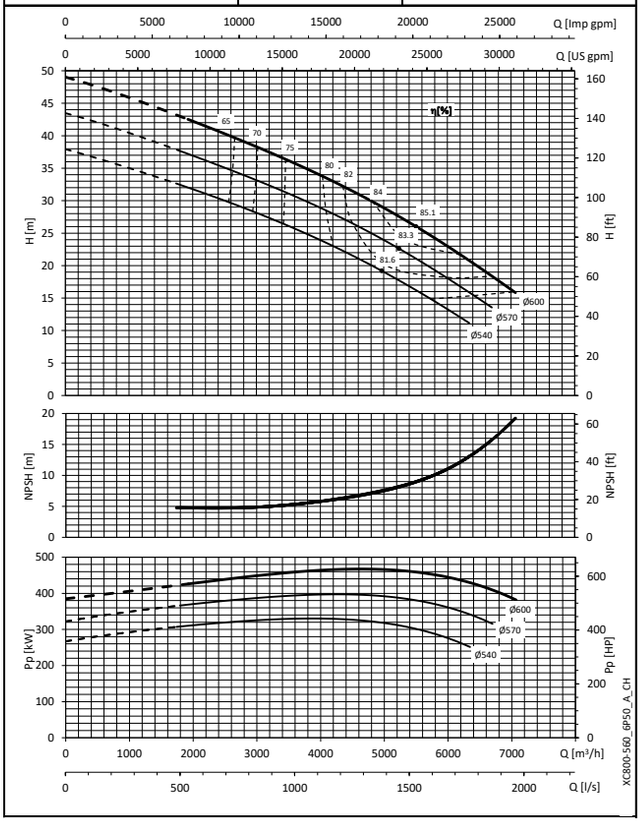

| XC 700-670 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|



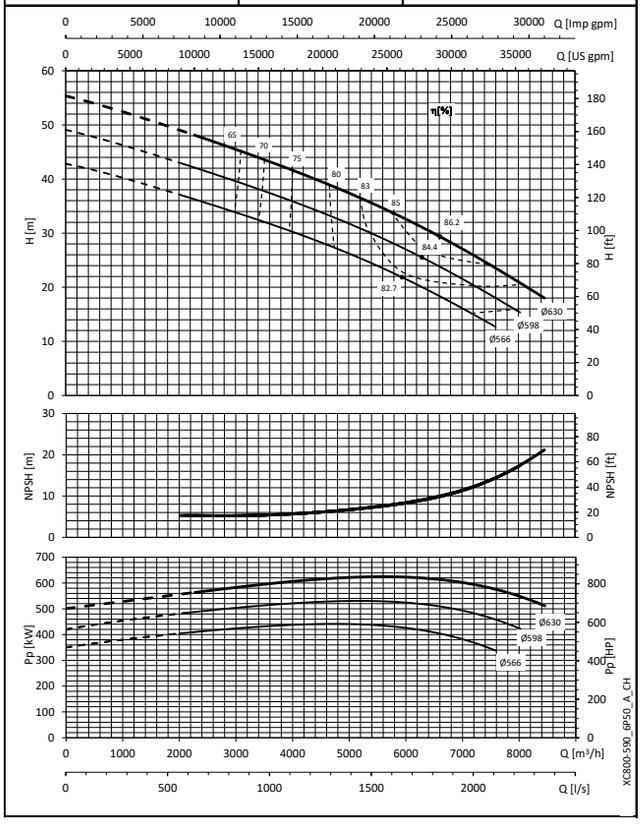

The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm3 and kinematic viscosity ν = 1 mm2/sec.

# e-XC SERIES
# OPERATING CHARACTERISTICS AT 50 Hz, 6 POLES

| XC 800-560 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




| XC 800-590 | 1000 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|




The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm3 and kinematic viscosity ν = 1 mm2/sec.

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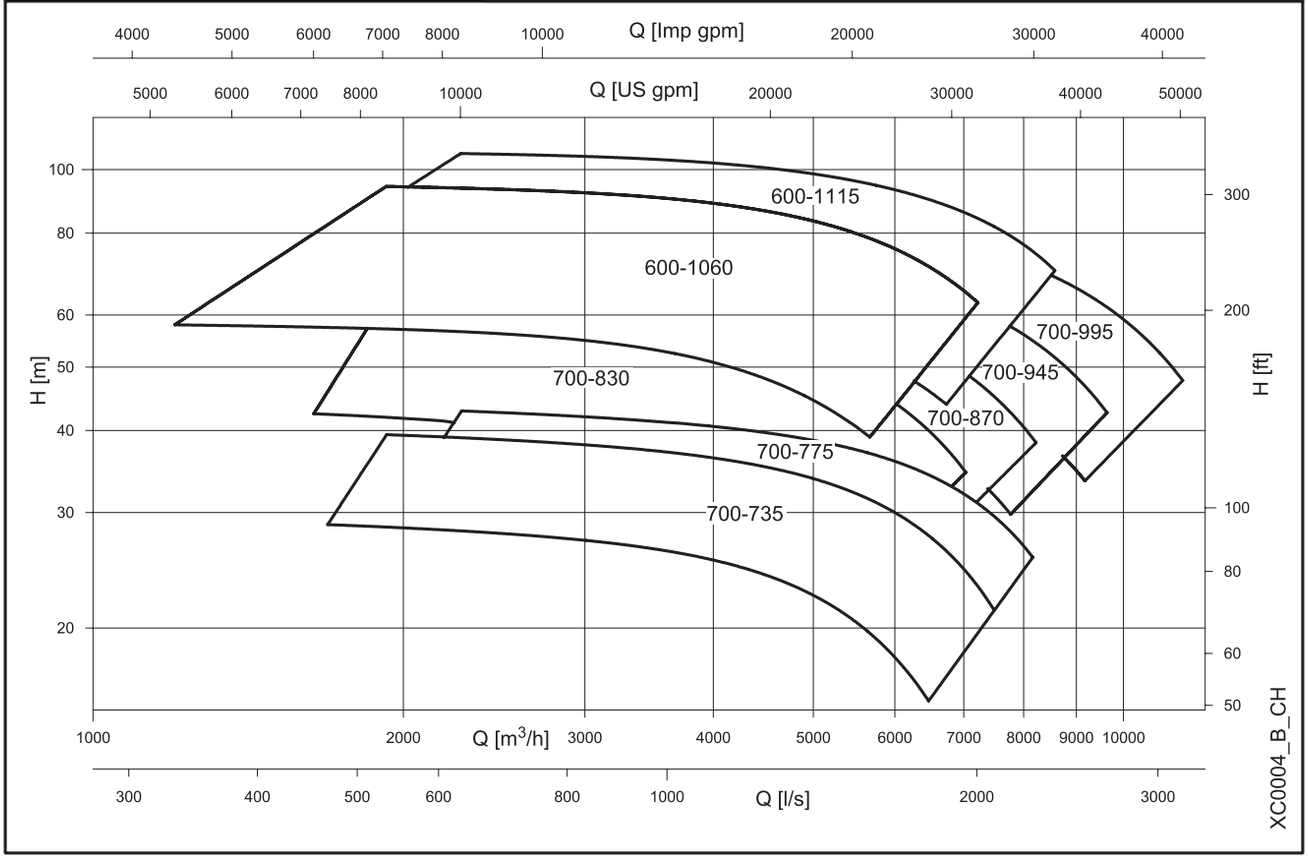
## e-XC SERIES
## HYDRAULIC PERFORMANCE RANGE AT 50 Hz, 8 POLES

| e-XC | ~ 750 [rpm] | ISO 9906:2012 - Grade 2B |
|---|---|---|



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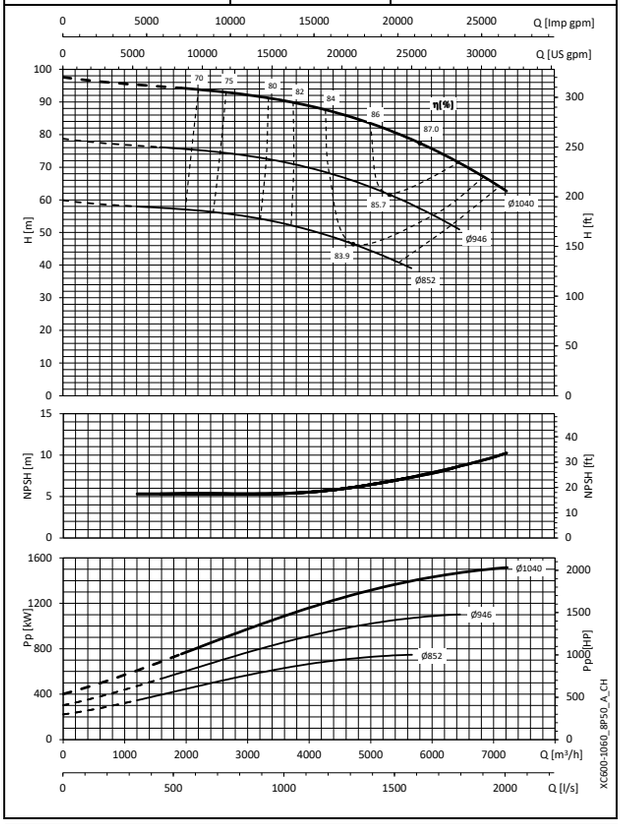
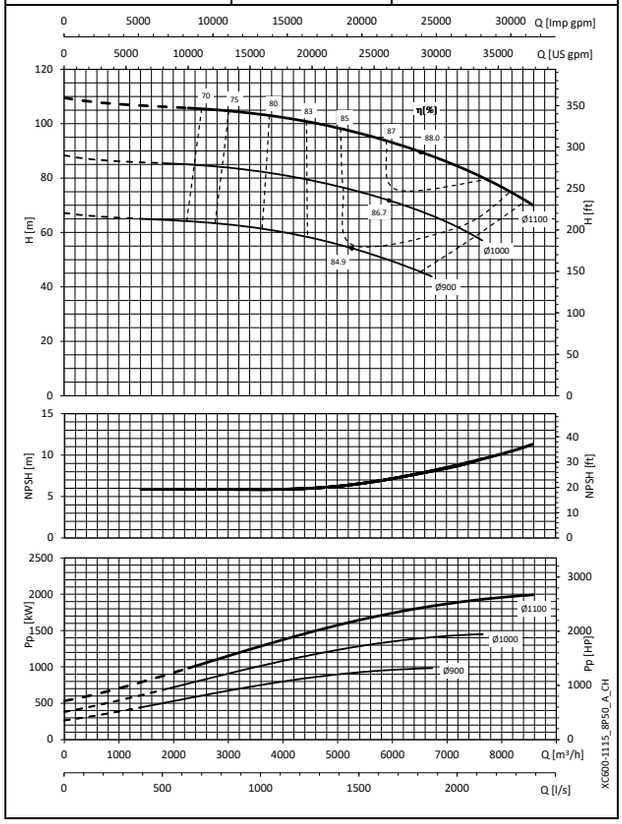
# e-XC SERIES
# OPERATING CHARACTERISTICS AT 50 Hz, 8 POLES

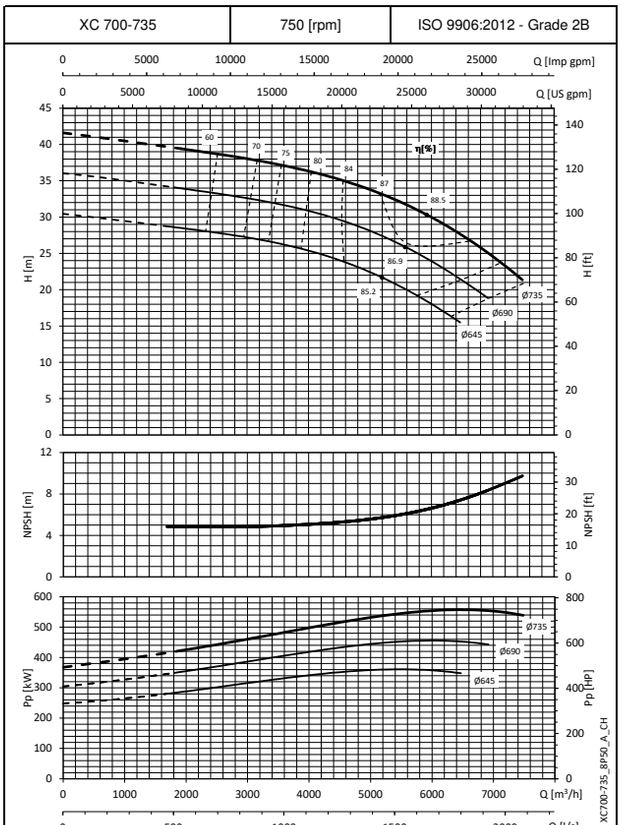
XC 600-1060 | 750 [rpm] | ISO 9906:2012 - Grade 2B



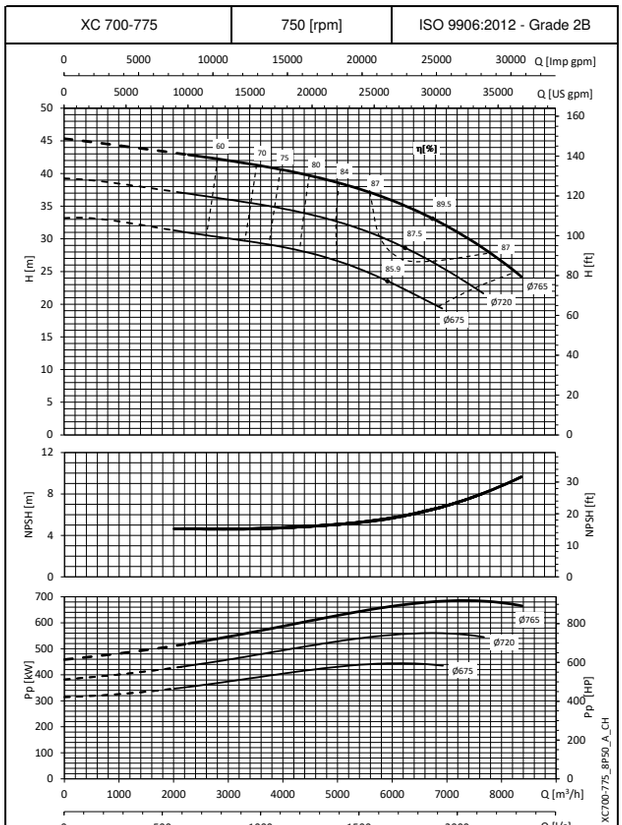

XC 600-1115 | 750 [rpm] | ISO 9906:2012 - Grade 2B




XC 700-735 | 750 [rpm] | ISO 9906:2012 - Grade 2B




XC 700-775 | 750 [rpm] | ISO 9906:2012 - Grade 2B




The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm3 and kinematic viscosity ν = 1 mm2/sec.

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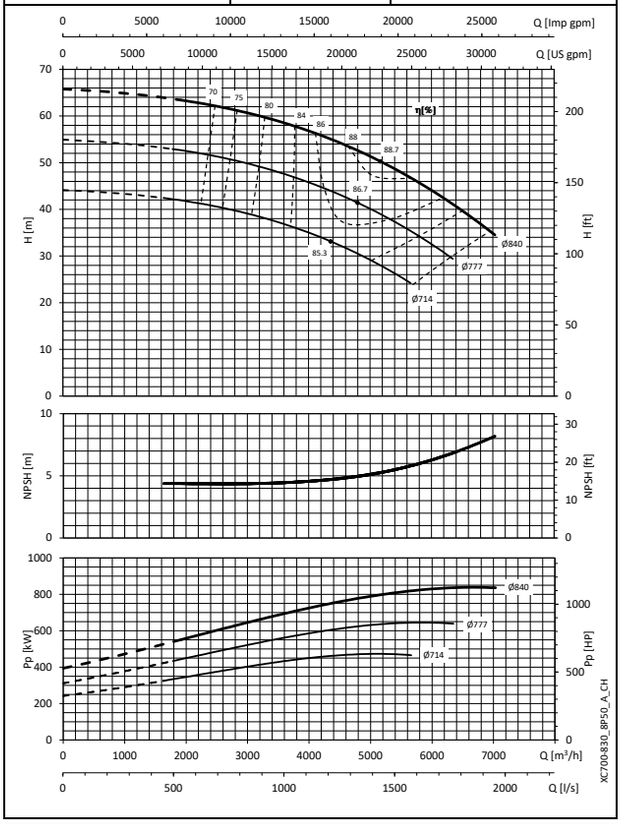
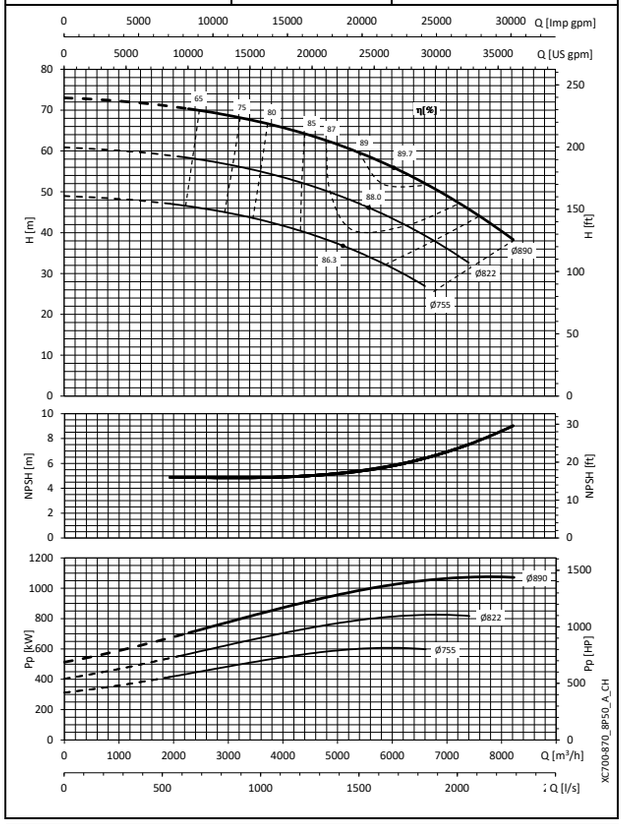
# e-XC SERIES
# OPERATING CHARACTERISTICS AT 50 Hz, 8 POLES

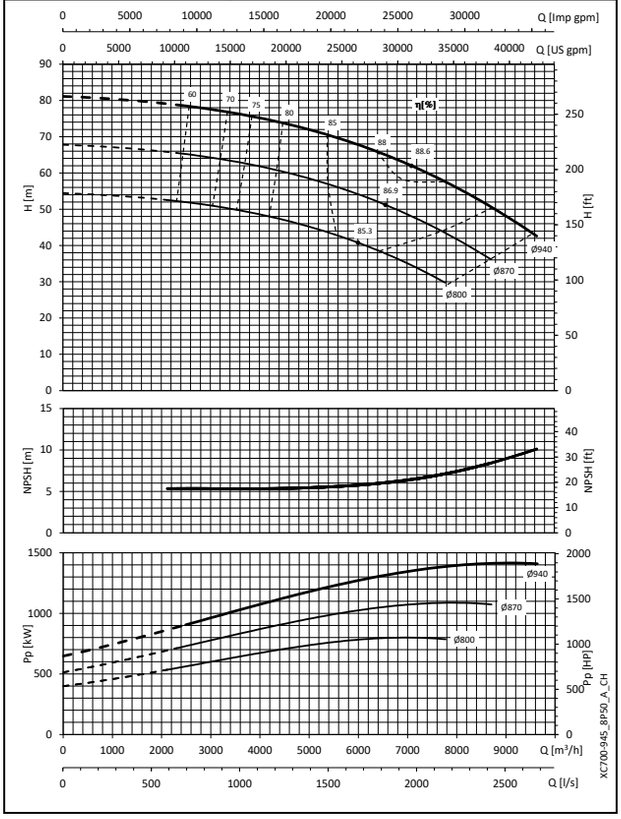
XC 700-830 | 750 [rpm] | ISO 9906:2012 - Grade 2B



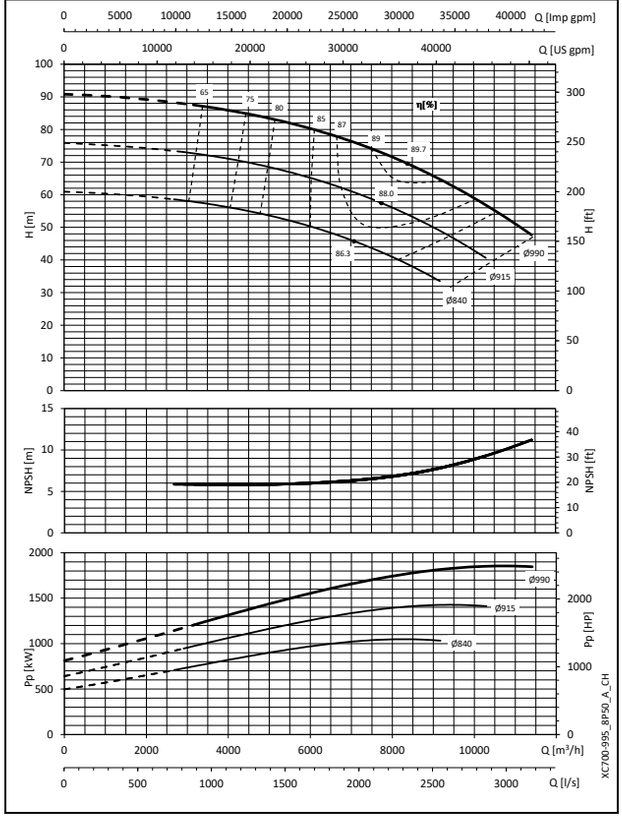

XC 700-870 | 750 [rpm] | ISO 9906:2012 - Grade 2B




XC 700-945 | 750 [rpm] | ISO 9906:2012 - Grade 2B




XC 700-995 | 750 [rpm] | ISO 9906:2012 - Grade 2B




The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density $\rho$ = 1,0 Kg/dm3 and kinematic viscosity $\nu$ = 1 mm2/sec.

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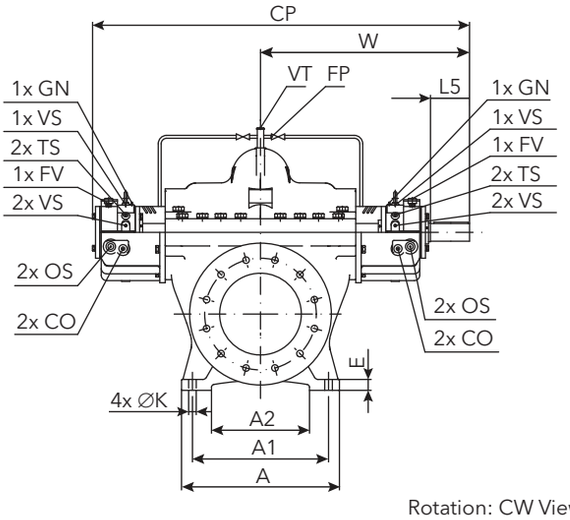
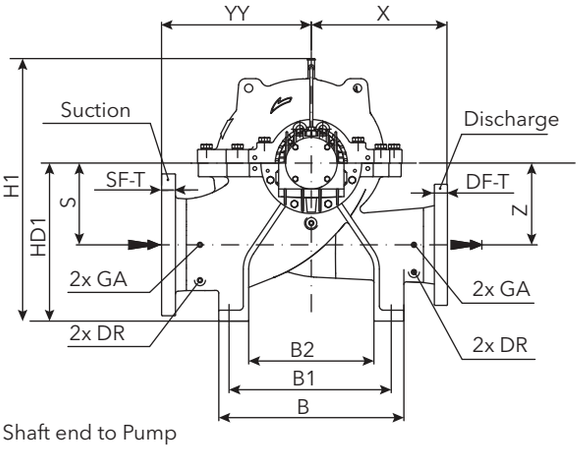
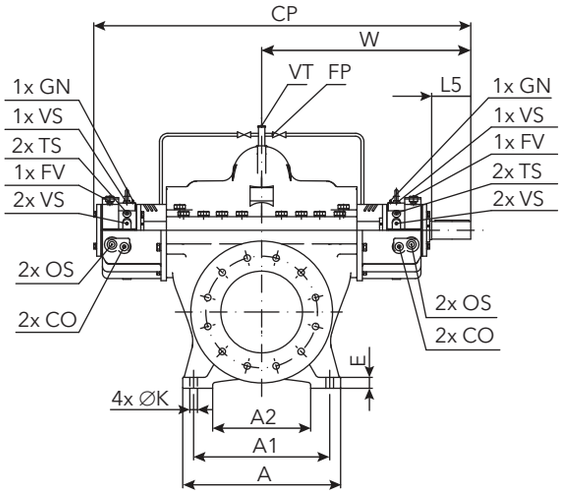
# DIMENSIONS AND WEIGHTS

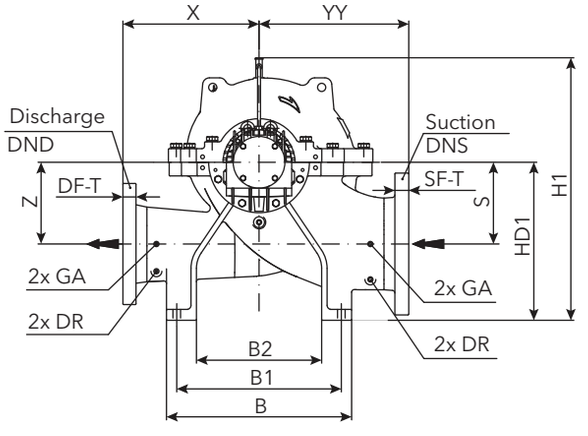
# e-XC SERIES
# DIMENSIONS AND WEIGHTS , PEO (Pump end only)



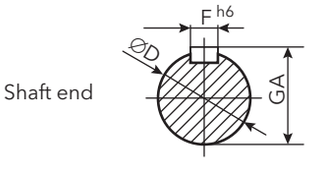




Rotation: CW View from Shaft end to Pump




Rotation: CCW View from Shaft end to Pump




| D | Clearance |
|---|---|
| 35 to 45 | k6 |
| 55 to 170 | m6 |

eXC_PEO-en_b_DD

| CODE | DESCRIPTION | TYPE |
|---|---|---|
| DR | Drain | Rp1/2 |
| FP | Flush | Rp3/8 |
| FV | Fill/Vent Cup | Rp3/8 standard |
| GA | Gauge Connection | Rp1/2 |
| GN | Grease Nipple | M10x1 standard |
| TS | Temperature Sensor | M10x1 |
| VT | Vent | Rp1/2 |
| VS | Vibration Sensor | M10x1 |
| CO | Constant Level Oiler | Rp1/4 optional |
| OS | Oil Sight Glass | Rp1/2 optional |

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# e-XC SERIES
# DIMENSIONS AND WEIGHTS, PEO

| PUMP TYPE eXC Size | DIMENSIONS [mm] PUMP | | | | | | | | | | | | | | | | | | | SHAFT | | | WEIGHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | DNS | DND | A | A1 | A2 | B | B1 | B2 | CP | E | W | H1 | HD1 | K | L5 | X | YY | S | Z | D | GA | F | [kg] |
| 80-205 | 125 | 80 | 350 | 300 | 210 | 350 | 300 | 210 | 996 | 30 | 543 | 575 | 320 | 18,5 | 80 | 300 | 300 | 160 | 160 | 35 | 38 | 10 | 230 |
| 80-215 | 125 | 80 | 350 | 300 | 210 | 350 | 300 | 210 | 996 | 30 | 543 | 575 | 320 | 18,5 | 80 | 300 | 300 | 160 | 160 | 35 | 38 | 10 | 230 |
| 80-270 | 125 | 80 | 350 | 300 | 210 | 350 | 300 | 210 | 996 | 30 | 543 | 600 | 320 | 18,5 | 80 | 300 | 350 | 160 | 160 | 35 | 38 | 10 | 300 |
| 80-285 | 125 | 80 | 350 | 300 | 210 | 350 | 300 | 210 | 996 | 30 | 543 | 600 | 320 | 18,5 | 80 | 300 | 350 | 160 | 160 | 35 | 38 | 10 | 300 |
| 80-300 | 125 | 80 | 350 | 300 | 210 | 350 | 300 | 210 | 996 | 30 | 543 | 675 | 370 | 18,5 | 80 | 300 | 370 | 210 | 210 | 35 | 38 | 10 | 300 |
| 80-315 | 125 | 80 | 350 | 300 | 210 | 350 | 300 | 210 | 996 | 30 | 543 | 675 | 370 | 18,5 | 80 | 300 | 370 | 210 | 210 | 35 | 38 | 10 | 300 |
| 80-330 | 125 | 80 | 350 | 300 | 210 | 350 | 300 | 210 | 996 | 30 | 543 | 620 | 320 | 18,5 | 80 | 350 | 380 | 160 | 160 | 35 | 38 | 10 | 295 |
| 80-345 | 125 | 80 | 350 | 300 | 210 | 350 | 300 | 210 | 996 | 30 | 543 | 620 | 320 | 18,5 | 80 | 350 | 380 | 160 | 160 | 35 | 38 | 10 | 295 |
| 100-155 | 125 | 100 | 350 | 300 | 210 | 350 | 300 | 210 | 996 | 30 | 543 | 565 | 320 | 18,5 | 80 | 300 | 300 | 160 | 160 | 35 | 38 | 10 | 245 |
| 100-165 | 125 | 100 | 350 | 300 | 210 | 350 | 300 | 210 | 996 | 30 | 543 | 565 | 320 | 18,5 | 80 | 300 | 300 | 160 | 160 | 35 | 38 | 10 | 245 |
| 100-250 | 150 | 100 | 350 | 300 | 210 | 350 | 300 | 210 | 996 | 30 | 543 | 635 | 350 | 18,5 | 80 | 330 | 350 | 170 | 170 | 35 | 38 | 10 | 280 |
| 100-260 | 150 | 100 | 350 | 300 | 210 | 350 | 300 | 210 | 996 | 30 | 543 | 635 | 350 | 18,5 | 80 | 330 | 350 | 170 | 170 | 35 | 38 | 10 | 280 |
| 100-310 | 150 | 100 | 350 | 300 | 210 | 350 | 300 | 210 | 1018 | 30 | 568 | 650 | 350 | 18,5 | 110 | 350 | 400 | 170 | 170 | 45 | 48,5 | 14 | 300 |
| 100-325 | 150 | 100 | 350 | 300 | 210 | 350 | 300 | 210 | 1018 | 30 | 568 | 650 | 350 | 18,5 | 110 | 350 | 400 | 170 | 170 | 45 | 48,5 | 14 | 300 |
| 100-350 | 150 | 100 | 350 | 300 | 210 | 350 | 300 | 210 | 1018 | 30 | 568 | 675 | 350 | 18,5 | 110 | 370 | 450 | 170 | 170 | 45 | 48,5 | 14 | 350 |
| 100-365 | 150 | 100 | 350 | 300 | 210 | 350 | 300 | 210 | 1018 | 30 | 568 | 675 | 350 | 18,5 | 110 | 370 | 450 | 170 | 170 | 45 | 48,5 | 14 | 350 |
| 100-390 | 150 | 100 | 420 | 350 | 240 | 470 | 400 | 290 | 996 | 35 | 543 | 685 | 350 | 24 | 80 | 400 | 430 | 170 | 170 | 35 | 38 | 10 | 355 |
| 100-410 | 150 | 100 | 420 | 350 | 240 | 470 | 400 | 290 | 996 | 35 | 543 | 685 | 350 | 24 | 80 | 400 | 430 | 170 | 170 | 35 | 38 | 10 | 355 |
| 125-185 | 150 | 125 | 350 | 300 | 210 | 350 | 300 | 210 | 996 | 30 | 543 | 620 | 350 | 18,5 | 80 | 300 | 350 | 170 | 170 | 35 | 38 | 10 | 280 |
| 125-195 | 150 | 125 | 350 | 300 | 210 | 350 | 300 | 210 | 996 | 30 | 543 | 620 | 350 | 18,5 | 80 | 300 | 350 | 170 | 170 | 35 | 38 | 10 | 280 |
| 125-215 | 150 | 125 | 350 | 300 | 210 | 350 | 300 | 210 | 996 | 30 | 543 | 625 | 350 | 18,5 | 80 | 300 | 360 | 170 | 170 | 35 | 38 | 10 | 300 |
| 125-225 | 150 | 125 | 350 | 300 | 210 | 350 | 300 | 210 | 996 | 30 | 543 | 625 | 350 | 18,5 | 80 | 300 | 360 | 170 | 170 | 35 | 38 | 10 | 300 |
| 125-235 | 200 | 125 | 420 | 350 | 240 | 470 | 400 | 290 | 1108 | 35 | 613 | 710 | 420 | 24 | 110 | 350 | 400 | 200 | 200 | 45 | 48,5 | 14 | 340 |
| 125-245 | 200 | 125 | 420 | 350 | 240 | 470 | 400 | 290 | 1108 | 35 | 613 | 710 | 420 | 24 | 110 | 350 | 400 | 200 | 200 | 45 | 48,5 | 14 | 340 |
| 125-285 | 200 | 125 | 420 | 350 | 240 | 470 | 400 | 290 | 1108 | 35 | 613 | 725 | 420 | 24 | 110 | 350 | 400 | 200 | 200 | 45 | 48,5 | 14 | 390 |
| 125-300 | 200 | 125 | 420 | 350 | 240 | 470 | 400 | 290 | 1108 | 35 | 613 | 725 | 420 | 24 | 110 | 350 | 400 | 200 | 200 | 45 | 48,5 | 14 | 390 |
| 125-335 | 200 | 125 | 420 | 350 | 240 | 470 | 400 | 290 | 1175 | 35 | 648 | 765 | 450 | 24 | 110 | 350 | 400 | 230 | 230 | 55 | 59 | 16 | 585 |
| 125-355 | 200 | 125 | 420 | 350 | 240 | 470 | 400 | 290 | 1175 | 35 | 648 | 765 | 450 | 24 | 110 | 350 | 400 | 230 | 230 | 55 | 59 | 16 | 585 |
| 125-370 | 200 | 125 | 420 | 350 | 240 | 470 | 400 | 290 | 1108 | 35 | 613 | 760 | 420 | 24 | 110 | 400 | 450 | 200 | 200 | 45 | 48,5 | 14 | 390 |
| 125-390 | 200 | 125 | 420 | 350 | 240 | 470 | 400 | 290 | 1108 | 35 | 613 | 760 | 420 | 24 | 110 | 400 | 450 | 200 | 200 | 45 | 48,5 | 14 | 390 |
| 125-450 | 200 | 125 | 520 | 450 | 340 | 520 | 450 | 340 | 1108 | 35 | 613 | 800 | 420 | 24 | 110 | 450 | 500 | 200 | 200 | 45 | 48,5 | 14 | 430 |
| 125-475 | 200 | 125 | 520 | 450 | 340 | 520 | 450 | 340 | 1108 | 35 | 613 | 800 | 420 | 24 | 110 | 450 | 500 | 200 | 200 | 45 | 48,5 | 14 | 430 |
| 150-160 | 200 | 150 | 420 | 350 | 240 | 470 | 400 | 290 | 996 | 35 | 543 | 655 | 380 | 24 | 80 | 400 | 400 | 160 | 160 | 35 | 38 | 10 | 280 |
| 150-170 | 200 | 150 | 420 | 350 | 240 | 470 | 400 | 290 | 996 | 35 | 543 | 655 | 380 | 24 | 80 | 400 | 400 | 160 | 160 | 35 | 38 | 10 | 280 |
| 150-265 | 250 | 150 | 520 | 450 | 340 | 520 | 450 | 340 | 1235 | 35 | 678 | 790 | 480 | 24 | 110 | 400 | 450 | 230 | 230 | 55 | 59 | 16 | 555 |
| 150-280 | 250 | 150 | 520 | 450 | 340 | 520 | 450 | 340 | 1235 | 35 | 678 | 790 | 480 | 24 | 110 | 400 | 450 | 230 | 230 | 55 | 59 | 16 | 555 |
| 150-285 | 200 | 150 | 420 | 350 | 240 | 470 | 400 | 290 | 1178 | 35 | 648 | 770 | 450 | 24 | 110 | 400 | 450 | 230 | 230 | 45 | 48,5 | 14 | 400 |
| 150-300 | 200 | 150 | 420 | 350 | 240 | 470 | 400 | 290 | 1178 | 35 | 648 | 770 | 450 | 24 | 110 | 400 | 450 | 230 | 230 | 45 | 48,5 | 14 | 400 |
| 150-340 | 200 | 150 | 420 | 350 | 240 | 470 | 400 | 290 | 1178 | 35 | 648 | 795 | 450 | 24 | 110 | 400 | 450 | 230 | 230 | 45 | 48,5 | 14 | 410 |
| 150-355 | 200 | 150 | 420 | 350 | 240 | 470 | 400 | 290 | 1178 | 35 | 648 | 795 | 450 | 24 | 110 | 400 | 450 | 230 | 230 | 45 | 48,5 | 14 | 410 |
| 150-435 | 200 | 150 | 420 | 350 | 240 | 470 | 400 | 290 | 1235 | 35 | 678 | 830 | 450 | 24 | 110 | 450 | 500 | 230 | 230 | 55 | 59 | 16 | 480 |
| 150-455 | 200 | 150 | 420 | 350 | 240 | 470 | 400 | 290 | 1235 | 35 | 678 | 830 | 450 | 24 | 110 | 450 | 500 | 230 | 230 | 55 | 59 | 16 | 480 |
| 150-535 | 200 | 150 | 580 | 500 | 360 | 680 | 600 | 460 | 1335 | 40 | 743 | 960 | 520 | 28 | 140 | 500 | 600 | 300 | 300 | 65 | 69 | 18 | 820 |
| 150-560 | 200 | 150 | 580 | 500 | 360 | 680 | 600 | 460 | 1335 | 40 | 743 | 960 | 520 | 28 | 140 | 500 | 600 | 300 | 300 | 65 | 69 | 18 | 820 |

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# e-XC SERIES
# DIMENSIONS AND WEIGHTS, PEO

| PUMP TYPE | DIMENSIONS [mm] | | | | | | | | | | | | | | | | | | | SHAFT | | | WEIGHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| eXC | PUMP | | | | | | | | | | | | | | | | | | | | | | |
| Size | DNS | DND | A | A1 | A2 | B | B1 | B2 | CP | E | W | H1 | HD1 | K | L5 | X | YY | S | Z | D | GA | F | [kg] |
| 200-190 | 200 | 200 | 420 | 350 | 240 | 470 | 400 | 290 | 1056 | 35 | 573 | 725 | 420 | 24 | 80 | 400 | 450 | 200 | 200 | 35 | 38 | 10 | 385 |
| 200-200 | 200 | 200 | 420 | 350 | 240 | 470 | 400 | 290 | 1056 | 35 | 573 | 725 | 420 | 24 | 80 | 400 | 450 | 200 | 200 | 35 | 38 | 10 | 385 |
| 200-235 | 250 | 200 | 520 | 450 | 340 | 520 | 450 | 340 | 1178 | 35 | 648 | 830 | 480 | 24 | 110 | 400 | 500 | 230 | 230 | 45 | 48,5 | 14 | 560 |
| 200-250 | 250 | 200 | 520 | 450 | 340 | 520 | 450 | 340 | 1178 | 35 | 648 | 830 | 480 | 24 | 110 | 400 | 500 | 230 | 230 | 45 | 48,5 | 14 | 560 |
| 200-330 | 250 | 200 | 520 | 450 | 340 | 520 | 450 | 340 | 1235 | 35 | 678 | 880 | 520 | 24 | 110 | 400 | 500 | 270 | 270 | 55 | 59 | 16 | 490 |
| 200-345 | 250 | 200 | 520 | 450 | 340 | 520 | 450 | 340 | 1235 | 35 | 678 | 880 | 520 | 24 | 110 | 400 | 500 | 270 | 270 | 55 | 59 | 16 | 490 |
| 200-405 | 250 | 200 | 520 | 450 | 340 | 520 | 450 | 340 | 1345 | 35 | 733 | 915 | 520 | 24 | 110 | 500 | 550 | 270 | 270 | 55 | 59 | 16 | 650 |
| 200-425 | 250 | 200 | 520 | 450 | 340 | 520 | 450 | 340 | 1345 | 35 | 733 | 915 | 520 | 24 | 110 | 500 | 550 | 270 | 270 | 55 | 59 | 16 | 650 |
| 200-505 | 250 | 200 | 580 | 500 | 360 | 680 | 600 | 460 | 1335 | 40 | 743 | 990 | 550 | 28 | 140 | 500 | 550 | 300 | 300 | 65 | 69 | 18 | 870 |
| 200-530 | 250 | 200 | 580 | 500 | 360 | 680 | 600 | 460 | 1335 | 40 | 743 | 990 | 550 | 28 | 140 | 500 | 550 | 300 | 300 | 65 | 69 | 18 | 870 |
| 200-625 | 250 | 200 | 580 | 500 | 360 | 680 | 600 | 460 | 1343 | 40 | 748 | 1130 | 620 | 28 | 140 | 600 | 650 | 350 | 350 | 75 | 79,5 | 20 | 1150 |
| 200-655 | 250 | 200 | 580 | 500 | 360 | 680 | 600 | 460 | 1343 | 40 | 748 | 1130 | 620 | 28 | 140 | 600 | 650 | 350 | 350 | 75 | 79,5 | 20 | 1150 |
| 250-190 | 250 | 250 | 520 | 450 | 340 | 520 | 450 | 340 | 1106 | 35 | 598 | 815 | 480 | 24 | 80 | 450 | 500 | 220 | 220 | 35 | 38 | 10 | 380 |
| 250-200 | 250 | 250 | 520 | 450 | 340 | 520 | 450 | 340 | 1106 | 35 | 598 | 815 | 480 | 24 | 80 | 450 | 500 | 220 | 220 | 35 | 38 | 10 | 380 |
| 250-370 | 300 | 250 | 580 | 500 | 360 | 680 | 600 | 460 | 1385 | 40 | 768 | 970 | 580 | 28 | 140 | 500 | 550 | 300 | 300 | 65 | 69 | 18 | 750 |
| 250-390 | 300 | 250 | 580 | 500 | 360 | 680 | 600 | 460 | 1385 | 40 | 768 | 970 | 580 | 28 | 140 | 500 | 550 | 300 | 300 | 65 | 69 | 18 | 750 |
| 250-455 | 300 | 250 | 580 | 500 | 360 | 680 | 600 | 460 | 1465 | 40 | 808 | 1035 | 580 | 28 | 140 | 550 | 600 | 300 | 300 | 65 | 69 | 18 | 880 |
| 250-480 | 300 | 250 | 580 | 500 | 360 | 680 | 600 | 460 | 1465 | 40 | 808 | 1035 | 580 | 28 | 140 | 550 | 600 | 300 | 300 | 65 | 69 | 18 | 880 |
| 250-580 | 300 | 250 | 580 | 500 | 360 | 680 | 600 | 460 | 1493 | 40 | 838 | 1120 | 630 | 28 | 170 | 550 | 650 | 350 | 350 | 85 | 90 | 22 | 1150 |
| 250-610 | 300 | 250 | 580 | 500 | 360 | 680 | 600 | 460 | 1493 | 40 | 838 | 1120 | 630 | 28 | 170 | 550 | 650 | 350 | 350 | 85 | 90 | 22 | 1150 |
| 250-730 | 300 | 250 | 630 | 550 | 390 | 780 | 700 | 520 | 1484 | 40 | 838 | 1420 | 800 | 28 | 170 | 650 | 800 | 500 | 500 | 85 | 90 | 22 | 1700 |
| 250-770 | 300 | 250 | 630 | 550 | 390 | 780 | 700 | 520 | 1484 | 40 | 838 | 1420 | 800 | 28 | 170 | 650 | 800 | 500 | 500 | 85 | 90 | 22 | 1700 |
| 300-215 | 300 | 300 | 520 | 450 | 340 | 520 | 450 | 340 | 1298 | 35 | 708 | 930 | 550 | 24 | 110 | 450 | 550 | 270 | 270 | 45 | 48,5 | 14 | 780 |
| 300-225 | 300 | 300 | 520 | 450 | 340 | 520 | 450 | 340 | 1298 | 35 | 708 | 930 | 550 | 24 | 110 | 450 | 550 | 270 | 270 | 45 | 48,5 | 14 | 780 |
| 300-245 | 300 | 300 | 520 | 450 | 340 | 520 | 450 | 340 | 1218 | 35 | 668 | 940 | 550 | 24 | 110 | 500 | 600 | 270 | 270 | 45 | 48,5 | 14 | 760 |
| 300-255 | 300 | 300 | 520 | 450 | 340 | 520 | 450 | 340 | 1218 | 35 | 668 | 940 | 550 | 24 | 110 | 500 | 600 | 270 | 270 | 45 | 48,5 | 14 | 760 |
| 300-315 | 350 | 300 | 580 | 500 | 360 | 680 | 600 | 460 | 1385 | 40 | 768 | 1060 | 620 | 28 | 140 | 500 | 650 | 300 | 300 | 65 | 69 | 18 | 950 |
| 300-330 | 350 | 300 | 580 | 500 | 360 | 680 | 600 | 460 | 1385 | 40 | 768 | 1060 | 620 | 28 | 140 | 500 | 650 | 300 | 300 | 65 | 69 | 18 | 950 |
| 300-430 | 400 | 300 | 630 | 550 | 390 | 780 | 700 | 520 | 1435 | 40 | 793 | 1140 | 700 | 28 | 140 | 600 | 650 | 350 | 350 | 75 | 79,5 | 20 | 980 |
| 300-450 | 400 | 300 | 630 | 550 | 390 | 780 | 700 | 520 | 1435 | 40 | 793 | 1140 | 700 | 28 | 140 | 600 | 650 | 350 | 350 | 75 | 79,5 | 20 | 980 |
| 300-525 | 400 | 300 | 630 | 550 | 390 | 780 | 700 | 520 | 1635 | 40 | 908 | 1185 | 700 | 28 | 170 | 600 | 650 | 350 | 350 | 85 | 90 | 22 | 1350 |
| 300-550 | 400 | 300 | 630 | 550 | 390 | 780 | 700 | 520 | 1635 | 40 | 908 | 1185 | 700 | 28 | 170 | 600 | 650 | 350 | 350 | 85 | 90 | 22 | 1350 |
| 300-680 | 400 | 300 | 760 | 650 | 480 | 910 | 800 | 590 | 1615 | 45 | 898 | 1315 | 750 | 35 | 170 | 650 | 800 | 400 | 400 | 95 | 100 | 25 | 1350 |
| 300-705 | 400 | 300 | 760 | 650 | 480 | 910 | 800 | 590 | 1615 | 45 | 898 | 1315 | 750 | 35 | 170 | 650 | 800 | 400 | 400 | 95 | 100 | 25 | 1350 |
| 350-285 | 350 | 350 | 580 | 500 | 360 | 680 | 600 | 460 | 1298 | 40 | 708 | 1050 | 620 | 28 | 110 | 500 | 650 | 300 | 300 | 45 | 48,5 | 14 | 940 |
| 350-300 | 350 | 350 | 580 | 500 | 360 | 680 | 600 | 460 | 1298 | 40 | 708 | 1050 | 620 | 28 | 110 | 500 | 650 | 300 | 300 | 45 | 48,5 | 14 | 940 |
| 350-365 | 400 | 350 | 630 | 550 | 390 | 780 | 700 | 520 | 1435 | 40 | 793 | 1185 | 700 | 28 | 140 | 550 | 700 | 350 | 350 | 75 | 79,5 | 20 | 1230 |
| 350-385 | 400 | 350 | 630 | 550 | 390 | 780 | 700 | 520 | 1435 | 40 | 793 | 1185 | 700 | 28 | 140 | 550 | 700 | 350 | 350 | 75 | 79,5 | 20 | 1230 |
| 350-430 | 450 | 350 | 760 | 650 | 480 | 910 | 800 | 590 | 1635 | 45 | 908 | 1335 | 780 | 35 | 170 | 650 | 800 | 400 | 400 | 85 | 90 | 22 | 1620 |
| 350-450 | 450 | 350 | 760 | 650 | 480 | 910 | 800 | 590 | 1635 | 45 | 908 | 1335 | 780 | 35 | 170 | 650 | 800 | 400 | 400 | 85 | 90 | 22 | 1620 |
| 350-505 | 450 | 350 | 760 | 650 | 480 | 910 | 800 | 590 | 1635 | 45 | 908 | 1295 | 780 | 35 | 170 | 650 | 700 | 400 | 400 | 85 | 90 | 22 | 1550 |
| 350-530 | 450 | 350 | 760 | 650 | 480 | 910 | 800 | 590 | 1635 | 45 | 908 | 1295 | 780 | 35 | 170 | 650 | 700 | 400 | 400 | 85 | 90 | 22 | 1550 |
| 350-650 | 500 | 350 | 760 | 650 | 480 | 910 | 800 | 590 | 1783 | 45 | 993 | 1385 | 820 | 35 | 170 | 700 | 800 | 420 | 420 | 85 | 90 | 22 | 2200 |
| 350-655 | 400 | 350 | 860 | 750 | 540 | 1110 | 1000 | 750 | 1745 | 45 | 983 | 1445 | 840 | 35 | 210 | 750 | 900 | 480 | 480 | 105 | 111 | 28 | 2200 |
| 350-685 | 500 | 350 | 760 | 650 | 480 | 910 | 800 | 590 | 1783 | 45 | 993 | 1385 | 820 | 35 | 170 | 700 | 800 | 420 | 420 | 85 | 90 | 22 | 2200 |
| 350-690 | 400 | 350 | 860 | 750 | 540 | 1110 | 1000 | 750 | 1745 | 45 | 983 | 1445 | 840 | 35 | 210 | 750 | 900 | 480 | 480 | 105 | 111 | 28 | 2200 |
| 350-745 | 400 | 350 | 860 | 750 | 540 | 1110 | 1000 | 750 | 1963 | 45 | 1093 | 1470 | 800 | 35 | 210 | 750 | 900 | 450 | 450 | 120 | 127 | 32 | 2690 |
| 350-780 | 400 | 350 | 860 | 750 | 540 | 1110 | 1000 | 750 | 1963 | 45 | 1093 | 1470 | 800 | 35 | 210 | 750 | 900 | 450 | 450 | 120 | 127 | 32 | 2690 |
| 350-805 | 500 | 350 | 760 | 650 | 480 | 910 | 800 | 590 | 1825 | 45 | 1003 | 1495 | 850 | 35 | 170 | 750 | 850 | 450 | 450 | 95 | 100 | 25 | 2450 |
| 350-845 | 500 | 350 | 760 | 650 | 480 | 910 | 800 | 590 | 1825 | 45 | 1003 | 1495 | 850 | 35 | 170 | 750 | 850 | 450 | 450 | 95 | 100 | 25 | 2450 |

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# e-XC SERIES
# DIMENSIONS AND WEIGHTS, PEO

| PUMP TYPE eXC Size | DIMENSIONS [mm] PUMP | | | | | | | | | | | | | | | | | | | SHAFT | | | WEIGHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | DNS | DND | A | A1 | A2 | B | B1 | B2 | CP | E | W | H1 | HD1 | K | L5 | X | YY | S | Z | D | GA | F | [kg] |
| 400-325 | 400 | 400 | 630 | 550 | 390 | 780 | 700 | 520 | 1465 | 40 | 793 | 1180 | 700 | 28 | 110 | 600 | 750 | 350 | 350 | 55 | 59 | 16 | 1230 |
| 400-340 | 400 | 400 | 630 | 550 | 390 | 780 | 700 | 520 | 1465 | 40 | 793 | 1180 | 700 | 28 | 110 | 600 | 750 | 350 | 350 | 55 | 59 | 16 | 1230 |
| 400-500 | 500 | 400 | 760 | 650 | 480 | 910 | 800 | 590 | 1805 | 45 | 993 | 1495 | 900 | 35 | 170 | 700 | 800 | 480 | 480 | 95 | 100 | 25 | 2050 |
| 400-510 | 500 | 400 | 760 | 650 | 480 | 910 | 800 | 590 | 1533 | 45 | 843 | 1410 | 850 | 35 | 140 | 650 | 800 | 450 | 450 | 75 | 79,5 | 20 | 1800 |
| 400-525 | 500 | 400 | 760 | 650 | 480 | 910 | 800 | 590 | 1805 | 45 | 993 | 1495 | 900 | 35 | 170 | 700 | 800 | 480 | 480 | 95 | 100 | 25 | 2050 |
| 400-535 | 500 | 400 | 760 | 650 | 480 | 910 | 800 | 590 | 1533 | 45 | 843 | 1410 | 850 | 35 | 140 | 650 | 800 | 450 | 450 | 75 | 79,5 | 20 | 1800 |
| 400-550 | 500 | 400 | 760 | 650 | 480 | 910 | 800 | 590 | 1835 | 45 | 1028 | 1420 | 870 | 35 | 210 | 700 | 800 | 450 | 450 | 105 | 111 | 28 | 2200 |
| 400-580 | 500 | 400 | 760 | 650 | 480 | 910 | 800 | 590 | 1835 | 45 | 1028 | 1420 | 870 | 35 | 210 | 700 | 800 | 450 | 450 | 105 | 111 | 28 | 2200 |
| 400-760 | 600 | 400 | 860 | 750 | 540 | 1110 | 1000 | 750 | 1975 | 45 | 1098 | 1655 | 1000 | 35 | 210 | 800 | 900 | 500 | 500 | 105 | 111 | 28 | 3100 |
| 400-800 | 600 | 400 | 860 | 750 | 540 | 1110 | 1000 | 750 | 1975 | 45 | 1098 | 1655 | 1000 | 35 | 210 | 800 | 900 | 500 | 500 | 105 | 111 | 28 | 3100 |
| 400-925 | 600 | 400 | 970 | 850 | 610 | 1220 | 1100 | 820 | 2156 | 50 | 1188 | 1840 | 1050 | 42 | 210 | 900 | 1000 | 550 | 550 | 120 | 127 | 32 | 3500 |
| 400-970 | 600 | 400 | 970 | 850 | 610 | 1220 | 1100 | 820 | 2156 | 50 | 1188 | 1840 | 1050 | 42 | 210 | 900 | 1000 | 550 | 550 | 120 | 127 | 32 | 3500 |
| 450-370 | 500 | 450 | 760 | 650 | 480 | 910 | 800 | 590 | 1585 | 45 | 868 | 1355 | 820 | 35 | 140 | 650 | 850 | 400 | 400 | 65 | 69 | 18 | 1730 |
| 450-390 | 500 | 450 | 760 | 650 | 480 | 910 | 800 | 590 | 1585 | 45 | 868 | 1355 | 820 | 35 | 140 | 650 | 850 | 400 | 400 | 65 | 69 | 18 | 1730 |
| 500-430 | 600 | 500 | 860 | 750 | 540 | 1110 | 1000 | 750 | 1775 | 45 | 978 | 1555 | 950 | 35 | 170 | 750 | 1000 | 480 | 480 | 85 | 90 | 22 | 2500 |
| 500-450 | 600 | 500 | 860 | 750 | 540 | 1110 | 1000 | 750 | 1775 | 45 | 978 | 1555 | 950 | 35 | 170 | 750 | 1000 | 480 | 480 | 85 | 90 | 22 | 2500 |
| 500-500 | 600 | 500 | 860 | 750 | 540 | 1110 | 1000 | 750 | 1683 | 45 | 933 | 1575 | 950 | 35 | 170 | 800 | 900 | 500 | 500 | 85 | 90 | 22 | 2340 |
| 500-525 | 600 | 500 | 860 | 750 | 540 | 1110 | 1000 | 750 | 1683 | 45 | 933 | 1575 | 950 | 35 | 170 | 800 | 900 | 500 | 500 | 85 | 90 | 22 | 2340 |
| 500-605 | 600 | 500 | 860 | 750 | 540 | 1110 | 1000 | 750 | 1725 | 45 | 953 | 1605 | 970 | 35 | 170 | 750 | 1000 | 520 | 520 | 95 | 100 | 25 | 3065 |
| 500-625 | 600 | 500 | 860 | 750 | 540 | 1110 | 1000 | 750 | 1725 | 45 | 953 | 1605 | 970 | 35 | 170 | 750 | 1000 | 520 | 520 | 95 | 100 | 25 | 3065 |
| 500-690 | 700 | 500 | 970 | 850 | 610 | 1220 | 1100 | 820 | 2003 | 50 | 1113 | 1905 | 1150 | 42 | 210 | 850 | 1050 | 600 | 600 | 120 | 127 | 32 | 4000 |
| 500-715 | 700 | 500 | 970 | 850 | 610 | 1220 | 1100 | 820 | 2003 | 50 | 1113 | 1905 | 1150 | 42 | 210 | 850 | 1050 | 600 | 600 | 120 | 127 | 32 | 4000 |
| 500-875 | 700 | 500 | 970 | 850 | 610 | 1220 | 1100 | 820 | 2312 | 50 | 1288 | 1935 | 1150 | 42 | 250 | 950 | 1050 | 600 | 600 | 140 | 148 | 36 | 4470 |
| 500-920 | 700 | 500 | 970 | 850 | 610 | 1220 | 1100 | 820 | 2312 | 50 | 1288 | 1935 | 1150 | 42 | 250 | 950 | 1050 | 600 | 600 | 140 | 148 | 36 | 4470 |
| 600-1000 | 800 | 600 | 1350 | 1100 | 850 | 1600 | 1300 | 1000 | 2587 | 70 | 1393 | 2085 | 1250 | 42 | 300 | 1150 | 1200 | 650 | 650 | 150 | 158 | 36 | 5850 |
| 600-1060 | 800 | 600 | 1350 | 1100 | 850 | 1600 | 1300 | 1000 | 2687 | 70 | 1443 | 2215 | 1300 | 42 | 300 | 1250 | 1300 | 700 | 700 | 160 | 169 | 40 | 7700 |
| 600-1115 | 800 | 600 | 1350 | 1100 | 850 | 1600 | 1300 | 1000 | 2687 | 70 | 1443 | 2215 | 1300 | 42 | 300 | 1250 | 1300 | 700 | 700 | 160 | 169 | 40 | 7700 |
| 600-540 | 700 | 600 | 970 | 850 | 610 | 1220 | 1100 | 820 | 1865 | 50 | 1023 | 1670 | 1030 | 42 | 170 | 900 | 1050 | 530 | 530 | 95 | 100 | 25 | 3400 |
| 600-575 | 700 | 600 | 970 | 850 | 610 | 1220 | 1100 | 820 | 1865 | 50 | 1023 | 1670 | 1030 | 42 | 170 | 900 | 1050 | 530 | 530 | 95 | 100 | 25 | 3400 |
| 600-580 | 700 | 600 | 970 | 850 | 610 | 1220 | 1100 | 820 | 1973 | 50 | 1098 | 1750 | 1050 | 42 | 210 | 900 | 1050 | 550 | 550 | 105 | 111 | 28 | 3100 |
| 600-610 | 700 | 600 | 970 | 850 | 610 | 1220 | 1100 | 820 | 1973 | 50 | 1098 | 1750 | 1050 | 42 | 210 | 900 | 1050 | 550 | 550 | 105 | 111 | 28 | 3100 |
| 600-770 | 800 | 600 | 1140 | 1000 | 700 | 1340 | 1200 | 860 | 2263 | 50 | 1263 | 2145 | 1300 | 42 | 250 | 1000 | 1200 | 700 | 700 | 140 | 148 | 36 | 6550 |
| 600-810 | 800 | 600 | 1140 | 1000 | 700 | 1340 | 1200 | 860 | 2263 | 50 | 1263 | 2145 | 1300 | 42 | 250 | 1000 | 1200 | 700 | 700 | 140 | 148 | 36 | 6550 |
| 600-950 | 800 | 600 | 1350 | 1100 | 850 | 1600 | 1300 | 1000 | 2587 | 70 | 1393 | 2085 | 1250 | 42 | 300 | 1150 | 1200 | 650 | 650 | 150 | 158 | 36 | 5850 |
| 700-505 | 700 | 700 | 970 | 850 | 610 | 1220 | 1100 | 820 | 2003 | 50 | 1093 | 1915 | 1100 | 42 | 170 | 900 | 1100 | 610 | 610 | 95 | 100 | 25 | 5270 |
| 700-535 | 700 | 700 | 970 | 850 | 610 | 1220 | 1100 | 820 | 2003 | 50 | 1093 | 1915 | 1100 | 42 | 170 | 900 | 1100 | 610 | 610 | 95 | 100 | 25 | 5270 |
| 700-585 | 800 | 700 | 1140 | 1000 | 700 | 1340 | 1200 | 860 | 2153 | 50 | 1188 | 1910 | 1150 | 42 | 210 | 950 | 1150 | 600 | 600 | 120 | 127 | 32 | 5250 |
| 700-615 | 800 | 700 | 1140 | 1000 | 700 | 1340 | 1200 | 860 | 2153 | 50 | 1188 | 1910 | 1150 | 42 | 210 | 950 | 1150 | 600 | 600 | 120 | 127 | 32 | 5250 |
| 700-635 | 800 | 700 | 1140 | 1000 | 700 | 1340 | 1200 | 860 | 2153 | 50 | 1188 | 2030 | 1200 | 42 | 210 | 1000 | 1200 | 650 | 650 | 120 | 127 | 32 | 4700 |
| 700-670 | 800 | 700 | 1140 | 1000 | 700 | 1340 | 1200 | 860 | 2153 | 50 | 1188 | 2030 | 1200 | 42 | 210 | 1000 | 1200 | 650 | 650 | 120 | 127 | 32 | 4700 |
| 700-735 | 800 | 700 | 1140 | 1000 | 700 | 1340 | 1200 | 860 | 2273 | 50 | 1248 | 2160 | 1250 | 42 | 210 | 1100 | 1300 | 700 | 700 | 140 | 148 | 36 | 5950 |
| 700-775 | 800 | 700 | 1140 | 1000 | 700 | 1340 | 1200 | 860 | 2273 | 50 | 1248 | 2160 | 1250 | 42 | 210 | 1100 | 1300 | 700 | 700 | 140 | 148 | 36 | 5950 |
| 700-830 | 800 | 700 | 1140 | 1000 | 700 | 1340 | 1200 | 860 | 2363 | 50 | 1313 | 2210 | 1300 | 42 | 250 | 1050 | 1300 | 750 | 750 | 140 | 148 | 36 | 7700 |
| 700-870 | 800 | 700 | 1140 | 1000 | 700 | 1340 | 1200 | 860 | 2363 | 50 | 1313 | 2210 | 1300 | 42 | 250 | 1050 | 1300 | 750 | 750 | 140 | 148 | 36 | 7700 |
| 700-945 | 900 | 700 | 1350 | 1100 | 850 | 1600 | 1300 | 1000 | 2605 | 70 | 1423 | 2490 | 1500 | 42 | 300 | 1200 | 1500 | 850 | 850 | 160 | 169 | 40 | 10720 |
| 700-995 | 900 | 700 | 1350 | 1100 | 850 | 1600 | 1300 | 1000 | 2605 | 70 | 1423 | 2490 | 1500 | 42 | 300 | 1200 | 1500 | 850 | 850 | 160 | 169 | 40 | 10720 |
| 800-560 | 800 | 800 | 1140 | 1000 | 700 | 1340 | 1200 | 860 | 2243 | 50 | 1233 | 2125 | 1230 | 42 | 210 | 1000 | 1200 | 680 | 680 | 120 | 127 | 32 | 6910 |
| 800-590 | 800 | 800 | 1140 | 1000 | 700 | 1340 | 1200 | 860 | 2243 | 50 | 1233 | 2125 | 1230 | 42 | 210 | 1000 | 1200 | 680 | 680 | 120 | 127 | 32 | 6910 |

eXC_peo-en_b_td 3

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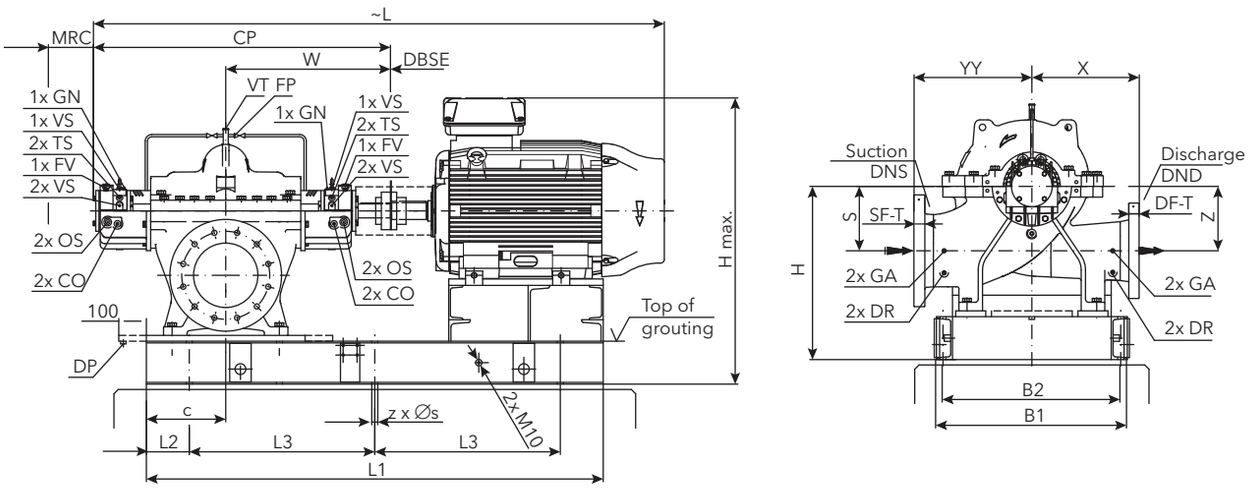
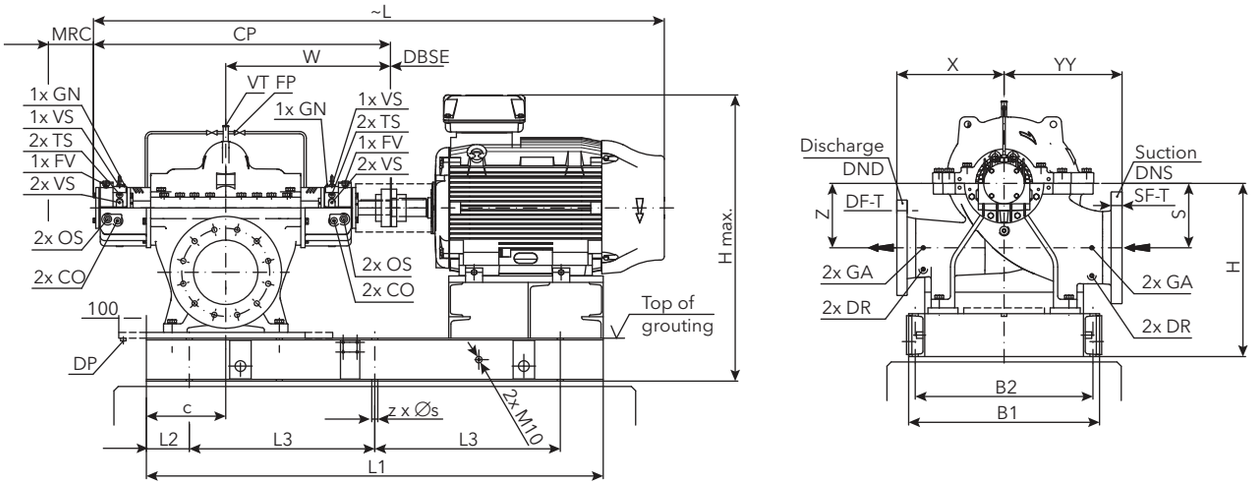
## e-XC SERIES
## DIMENSIONS AND WEIGHTS, PBCM (Pump - Baseplate - Coupling - Motor)




Rotation: CW View from Motor to Pump




Rotation: CCW View from Motor to Pump

eXC_PBCM-en_b_DD

| CODE | DESCRIPTION | TYPE |
|---|---|---|
| DR | Drain | Rp1/2 |
| FP | Flush | Rp3/8 |
| FV | Fill/Vent Cup | Rp3/8 standard |
| GA | Gauge Connection | Rp1/2 |
| GN | Grease Nipple | M10x1 standard |
| TS | Temperature Sensor | M10x1 |
| VT | Vent | Rp1/2 |
| VS | Vibration Sensor | M10x1 |
| DP | Drip Pan | G1 optional |
| OS | Oil Sight Glass | Rp1/2 optional |

| CODE | DESCRIPTION | TYPE |
|---|---|---|
| OS | Oil Sight Glass | Rp1/2 optional |
| MRC | Minimum removal clearance for bearing and seal maintenance | |
| DBSE | Distance between shaft ends | |

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# e-XC SERIES
# DIMENSIONS AND WEIGHTS PBCM AT 50 Hz, 2 POLES

| PUMP TYPE EXC | IEC MOTOR FRAME | 3000 [rpm] | DIMENSIONS [mm] | | | | | | | | | | | | | | | | | | | | | WEIGHT | COUPLING TYPE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SIZE | | [kW] | DNS | DND | CP | W | H | X | YY | S | Z | c | L | L1 | L2 | L3 | B1 | B2 | DBSE | MRC | H max. | z x s FOR SCREWS | | [kg] | |
| 80-205 | 180M | 22 | 125 | 80 | 996 | 543 | 443 | 300 | 300 | 160 | 160 | 205 | 1701 | 1400 | 175 | 525 | 600 | 560 | 4 | 115 | 707 | 6 x Ø19 (M16) | | 469 | A125A |
| 80-205 | 200L | 30 | 125 | 80 | 996 | 543 | 443 | 300 | 300 | 160 | 160 | 205 | 1781 | 1450 | 175 | 550 | 620 | 580 | 4 | 115 | 743 | 6 x Ø19 (M16) | | 534 | A125B |
| 80-205 | 200L | 37 | 125 | 80 | 996 | 543 | 443 | 300 | 300 | 160 | 160 | 205 | 1781 | 1450 | 175 | 550 | 620 | 580 | 4 | 115 | 743 | 6 x Ø19 (M16) | | 549 | A125B |
| 80-215 | 180M | 22 | 125 | 80 | 996 | 543 | 443 | 300 | 300 | 160 | 160 | 205 | 1701 | 1400 | 175 | 525 | 600 | 560 | 4 | 115 | 707 | 6 x Ø19 (M16) | | 469 | A125A |
| 80-215 | 200L | 30 | 125 | 80 | 996 | 543 | 443 | 300 | 300 | 160 | 160 | 205 | 1781 | 1450 | 175 | 550 | 620 | 580 | 4 | 115 | 743 | 6 x Ø19 (M16) | | 534 | A125B |
| 80-215 | 200L | 37 | 125 | 80 | 996 | 543 | 443 | 300 | 300 | 160 | 160 | 205 | 1781 | 1450 | 175 | 550 | 620 | 580 | 4 | 115 | 743 | 6 x Ø19 (M16) | | 549 | A125B |
| 80-215 | 225M | 45 | 125 | 80 | 996 | 543 | 463 | 300 | 300 | 160 | 160 | 205 | 1811 | 1500 | 175 | 575 | 680 | 630 | 4 | 115 | 786 | 6 x Ø19 (M16) | | 612 | A125B |
| 80-270 | 200L | 37 | 125 | 80 | 996 | 543 | 443 | 300 | 350 | 160 | 160 | 205 | 1781 | 1450 | 175 | 550 | 620 | 580 | 4 | 77 | 743 | 6 x Ø19 (M16) | | 620 | A125B |
| 80-270 | 225M | 45 | 125 | 80 | 996 | 543 | 463 | 300 | 350 | 160 | 160 | 205 | 1811 | 1500 | 175 | 575 | 680 | 630 | 4 | 77 | 786 | 6 x Ø19 (M16) | | 683 | A125B |
| 80-270 | 250M | 55 | 125 | 80 | 996 | 543 | 463 | 300 | 350 | 160 | 160 | 205 | 1907 | 1600 | 175 | 625 | 730 | 680 | 4 | 77 | 840 | 6 x Ø19 (M16) | | 841 | A140A |
| 80-270 | 280S | 75 | 125 | 80 | 996 | 543 | 483 | 300 | 350 | 160 | 160 | 205 | 1957 | 1650 | 175 | 650 | 830 | 780 | 4 | 77 | 896 | 6 x Ø26 (M20) | | 1063 | A160A |
| 80-270 | 280M | 90 | 125 | 80 | 996 | 543 | 483 | 300 | 350 | 160 | 160 | 205 | 2012 | 1650 | 175 | 650 | 830 | 780 | 4 | 77 | 896 | 6 x Ø26 (M20) | | 1144 | A160A |
| 80-285 | 200L | 37 | 125 | 80 | 996 | 543 | 443 | 300 | 350 | 160 | 160 | 205 | 1781 | 1450 | 175 | 550 | 620 | 580 | 4 | 115 | 743 | 6 x Ø19 (M16) | | 619 | A125B |
| 80-285 | 225M | 45 | 125 | 80 | 996 | 543 | 463 | 300 | 350 | 160 | 160 | 205 | 1811 | 1500 | 175 | 575 | 680 | 630 | 4 | 115 | 786 | 6 x Ø19 (M16) | | 682 | A125B |
| 80-285 | 250M | 55 | 125 | 80 | 996 | 543 | 463 | 300 | 350 | 160 | 160 | 205 | 1907 | 1600 | 175 | 625 | 730 | 680 | 4 | 115 | 840 | 6 x Ø19 (M16) | | 840 | A140A |
| 80-285 | 280S | 75 | 125 | 80 | 996 | 543 | 483 | 300 | 350 | 160 | 160 | 205 | 1957 | 1650 | 175 | 650 | 830 | 780 | 4 | 115 | 896 | 6 x Ø26 (M20) | | 1062 | A160A |
| 80-285 | 280M | 90 | 125 | 80 | 996 | 543 | 483 | 300 | 350 | 160 | 160 | 205 | 2012 | 1650 | 175 | 650 | 830 | 780 | 4 | 115 | 896 | 6 x Ø26 (M20) | | 1143 | A160A |
| 80-285 | 315S | 110 | 125 | 80 | 996 | 543 | 503 | 300 | 350 | 160 | 160 | 205 | 2126 | 1850 | 200 | 725 | 910 | 860 | 4 | 115 | 1060 | 6 x Ø26 (M20) | | 1516 | A160A |
| 80-300 | 225M | 45 | 125 | 80 | 996 | 543 | 513 | 300 | 370 | 210 | 210 | 205 | 1811 | 1500 | 175 | 575 | 680 | 630 | 4 | 77 | 836 | 6 x Ø19 (M16) | | 724 | A125B |
| 80-300 | 250M | 55 | 125 | 80 | 996 | 543 | 513 | 300 | 370 | 210 | 210 | 205 | 1907 | 1600 | 175 | 625 | 730 | 680 | 4 | 77 | 890 | 6 x Ø19 (M16) | | 882 | A140A |
| 80-300 | 280S | 75 | 125 | 80 | 996 | 543 | 533 | 300 | 370 | 210 | 210 | 205 | 1957 | 1650 | 175 | 650 | 830 | 780 | 4 | 77 | 946 | 6 x Ø26 (M20) | | 1104 | A160A |
| 80-300 | 280M | 90 | 125 | 80 | 996 | 543 | 533 | 300 | 370 | 210 | 210 | 205 | 2012 | 1650 | 175 | 650 | 830 | 780 | 4 | 77 | 946 | 6 x Ø26 (M20) | | 1185 | A160A |
| 80-315 | 250M | 55 | 125 | 80 | 996 | 543 | 513 | 300 | 370 | 210 | 210 | 205 | 1907 | 1600 | 175 | 625 | 730 | 680 | 4 | 77 | 890 | 6 x Ø19 (M16) | | 881 | A140A |
| 80-315 | 280S | 75 | 125 | 80 | 996 | 543 | 533 | 300 | 370 | 210 | 210 | 205 | 1957 | 1650 | 175 | 650 | 830 | 780 | 4 | 77 | 946 | 6 x Ø26 (M20) | | 1103 | A160A |
| 80-315 | 280M | 90 | 125 | 80 | 996 | 543 | 533 | 300 | 370 | 210 | 210 | 205 | 2012 | 1650 | 175 | 650 | 830 | 780 | 4 | 77 | 946 | 6 x Ø26 (M20) | | 1184 | A160A |
| 80-315 | 315S | 110 | 125 | 80 | 996 | 543 | 553 | 300 | 370 | 210 | 210 | 205 | 2126 | 1850 | 200 | 725 | 910 | 860 | 4 | 77 | 1110 | 6 x Ø26 (M20) | | 1557 | A160A |
| 100-155 | 132S | 5,5 | 125 | 100 | 996 | 543 | 443 | 300 | 300 | 160 | 160 | 205 | 1447 | 1200 | 150 | 450 | 600 | 560 | 4 | 77 | 688 | 6 x Ø19 (M16) | | 408 | A110D |
| 100-155 | 132S | 7,5 | 125 | 100 | 996 | 543 | 443 | 300 | 300 | 160 | 160 | 205 | 1447 | 1200 | 150 | 450 | 600 | 560 | 4 | 77 | 688 | 6 x Ø19 (M16) | | 404 | A110D |
| 100-155 | 160M | 11 | 125 | 100 | 996 | 543 | 443 | 300 | 300 | 160 | 160 | 205 | 1604 | 1350 | 175 | 500 | 600 | 560 | 4 | 77 | 688 | 6 x Ø19 (M16) | | 431 | A110E |
| 100-155 | 160M | 15 | 125 | 100 | 996 | 543 | 443 | 300 | 300 | 160 | 160 | 205 | 1604 | 1350 | 175 | 500 | 600 | 560 | 4 | 77 | 688 | 6 x Ø19 (M16) | | 450 | A110E |
| 100-165 | 132S | 7,5 | 125 | 100 | 996 | 543 | 443 | 300 | 300 | 160 | 160 | 205 | 1447 | 1200 | 150 | 450 | 600 | 560 | 4 | 77 | 688 | 6 x Ø19 (M16) | | 404 | A110D |
| 100-165 | 160M | 11 | 125 | 100 | 996 | 543 | 443 | 300 | 300 | 160 | 160 | 205 | 1604 | 1350 | 175 | 500 | 600 | 560 | 4 | 77 | 688 | 6 x Ø19 (M16) | | 431 | A110E |
| 100-165 | 160M | 15 | 125 | 100 | 996 | 543 | 443 | 300 | 300 | 160 | 160 | 205 | 1604 | 1350 | 175 | 500 | 600 | 560 | 4 | 77 | 688 | 6 x Ø19 (M16) | | 450 | A110E |
| 100-165 | 160L | 18,5 | 125 | 100 | 996 | 543 | 443 | 300 | 300 | 160 | 160 | 205 | 1604 | 1350 | 175 | 500 | 600 | 560 | 4 | 77 | 688 | 6 x Ø19 (M16) | | 458 | A110E |

NOTE: Pumps with flanges according to EN1092-2 PN16/PN25/PN40 and ASME/ANSI B16.1 #125/#250 and B16.5 #150/#300 as standard Flat Face.
Flange drilling dimensions and additional Pump dimsions are in separate sections.
C.F. … Consult Factory

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# e-XC SERIES
# DIMENSIONS AND WEIGHTS PBCM AT 50 Hz, 2 POLES

| PUMP TYPE EXC SIZE | IEC MOTOR FRAME | 3000 [rpm] [kW] | DIMENSIONS [mm] DNS | DND | CP | W | H | X | YY | S | Z | c | L | L1 | L2 | L3 | B1 | B2 | DBSE | MRC | H max. | z x s FOR SCREWS | WEIGHT [kg] | COUPLING TYPE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 100-250 | 200L | 30 | 150 | 100 | 996 | 543 | 473 | 330 | 350 | 170 | 170 | 205 | 1781 | 1450 | 175 | 550 | 620 | 580 | 4 | 77 | 773 | 6 x Ø19 (M16) | 596 | A125B |
| 100-250 | 200L | 37 | 150 | 100 | 996 | 543 | 473 | 330 | 350 | 170 | 170 | 205 | 1781 | 1450 | 175 | 550 | 620 | 580 | 4 | 77 | 773 | 6 x Ø19 (M16) | 611 | A125B |
| 100-250 | 225M | 45 | 150 | 100 | 996 | 543 | 493 | 330 | 350 | 170 | 170 | 205 | 1811 | 1500 | 175 | 575 | 680 | 630 | 4 | 77 | 816 | 6 x Ø19 (M16) | 674 | A125B |
| 100-250 | 250M | 55 | 150 | 100 | 996 | 543 | 493 | 330 | 350 | 170 | 170 | 205 | 1907 | 1600 | 175 | 625 | 730 | 680 | 4 | 77 | 870 | 6 x Ø19 (M16) | 832 | A140A |
| 100-250 | 280S | 75 | 150 | 100 | 996 | 543 | 513 | 330 | 350 | 170 | 170 | 205 | 1957 | 1650 | 175 | 650 | 830 | 780 | 4 | 77 | 926 | 6 x Ø26 (M20) | 1054 | A160A |
| 100-250 | 280M | 90 | 150 | 100 | 996 | 543 | 513 | 330 | 350 | 170 | 170 | 205 | 2012 | 1650 | 175 | 650 | 830 | 780 | 4 | 77 | 926 | 6 x Ø26 (M20) | 1135 | A160A |
| 100-260 | 225M | 45 | 150 | 100 | 996 | 543 | 493 | 330 | 350 | 170 | 170 | 205 | 1811 | 1500 | 175 | 575 | 680 | 630 | 4 | 77 | 816 | 6 x Ø19 (M16) | 673 | A125B |
| 100-260 | 250M | 55 | 150 | 100 | 996 | 543 | 493 | 330 | 350 | 170 | 170 | 205 | 1907 | 1600 | 175 | 625 | 730 | 680 | 4 | 77 | 870 | 6 x Ø19 (M16) | 831 | A140A |
| 100-260 | 280S | 75 | 150 | 100 | 996 | 543 | 513 | 330 | 350 | 170 | 170 | 205 | 1957 | 1650 | 175 | 650 | 830 | 780 | 4 | 77 | 926 | 6 x Ø26 (M20) | 1053 | A160A |
| 100-260 | 280M | 90 | 150 | 100 | 996 | 543 | 513 | 330 | 350 | 170 | 170 | 205 | 2012 | 1650 | 175 | 650 | 830 | 780 | 4 | 77 | 926 | 6 x Ø26 (M20) | 1134 | A160A |
| 100-260 | 315S | 110 | 150 | 100 | 996 | 543 | 533 | 330 | 350 | 170 | 170 | 205 | 2126 | 1850 | 200 | 725 | 910 | 860 | 4 | 77 | 1090 | 6 x Ø26 (M20) | 1507 | A160A |
| 100-310 | 250M | 55 | 150 | 100 | 1018 | 568 | 493 | 350 | 400 | 170 | 170 | 205 | 1929 | 1600 | 175 | 625 | 730 | 680 | 4 | 77 | 870 | 6 x Ø19 (M16) | 862 | A140B |
| 100-310 | 280S | 75 | 150 | 100 | 1018 | 568 | 513 | 350 | 400 | 170 | 170 | 205 | 1979 | 1700 | 175 | 675 | 830 | 780 | 4 | 77 | 926 | 6 x Ø26 (M20) | 1084 | A160B |
| 100-310 | 280M | 90 | 150 | 100 | 1018 | 568 | 513 | 350 | 400 | 170 | 170 | 205 | 2034 | 1700 | 175 | 675 | 830 | 780 | 4 | 77 | 926 | 6 x Ø26 (M20) | 1165 | A160B |
| 100-310 | 315S | 110 | 150 | 100 | 1018 | 568 | 533 | 350 | 400 | 170 | 170 | 205 | 2148 | 1900 | 200 | 750 | 910 | 860 | 4 | 77 | 1090 | 6 x Ø26 (M20) | 1538 | A160B |
| 100-310 | 315M | 132 | 150 | 100 | 1018 | 568 | 533 | 350 | 400 | 170 | 170 | 205 | 2148 | 1900 | 200 | 750 | 910 | 860 | 4 | 77 | 1058 | 6 x Ø26 (M20) | 1617 | A160B |
| 100-310 | 315M | 160 | 150 | 100 | 1018 | 568 | 533 | 350 | 400 | 170 | 170 | 205 | 2148 | 1900 | 200 | 750 | 910 | 860 | 4 | 77 | 1058 | 6 x Ø26 (M20) | 1739 | A160B |
| 100-325 | 280S | 75 | 150 | 100 | 1018 | 568 | 513 | 350 | 400 | 170 | 170 | 205 | 1979 | 1700 | 175 | 675 | 830 | 780 | 4 | 77 | 926 | 6 x Ø26 (M20) | 1083 | A160B |
| 100-325 | 280M | 90 | 150 | 100 | 1018 | 568 | 513 | 350 | 400 | 170 | 170 | 205 | 2034 | 1700 | 175 | 675 | 830 | 780 | 4 | 77 | 926 | 6 x Ø26 (M20) | 1164 | A160B |
| 100-325 | 315S | 110 | 150 | 100 | 1018 | 568 | 533 | 350 | 400 | 170 | 170 | 205 | 2148 | 1900 | 200 | 750 | 910 | 860 | 4 | 77 | 1090 | 6 x Ø26 (M20) | 1537 | A160B |
| 100-325 | 315M | 132 | 150 | 100 | 1018 | 568 | 533 | 350 | 400 | 170 | 170 | 205 | 2148 | 1900 | 200 | 750 | 910 | 860 | 4 | 77 | 1058 | 6 x Ø26 (M20) | 1616 | A160B |
| 100-325 | 315M | 200 | 150 | 100 | 1018 | 568 | 533 | 350 | 400 | 170 | 170 | 205 | 2148 | 1900 | 200 | 750 | 910 | 860 | 4 | 77 | 1058 | 6 x Ø26 (M20) | 1840 | A160B |
| 100-325 | 315M | 250 | 150 | 100 | 1018 | 568 | 533 | 350 | 400 | 170 | 170 | 205 | 2148 | 1900 | 200 | 750 | 910 | 860 | 4 | 77 | 1058 | 6 x Ø26 (M20) | 1746 | A180D |
| 100-350 | 315S | 110 | 150 | 100 | 1018 | 568 | 533 | 370 | 450 | 170 | 170 | 205 | 2148 | 1900 | 200 | 750 | 910 | 860 | 4 | 77 | 1090 | 6 x Ø26 (M20) | 1588 | A160B |
| 100-350 | 315M | 132 | 150 | 100 | 1018 | 568 | 533 | 370 | 450 | 170 | 170 | 205 | 2148 | 1900 | 200 | 750 | 910 | 860 | 4 | 77 | 1058 | 6 x Ø26 (M20) | 1667 | A160B |
| 100-350 | 315M | 160 | 150 | 100 | 1018 | 568 | 533 | 370 | 450 | 170 | 170 | 205 | 2148 | 1900 | 200 | 750 | 910 | 860 | 4 | 77 | 1058 | 6 x Ø26 (M20) | 1789 | A160B |
| 100-350 | 315M | 200 | 150 | 100 | 1018 | 568 | 533 | 370 | 450 | 170 | 170 | 205 | 2148 | 1900 | 200 | 750 | 910 | 860 | 4 | 77 | 1058 | 6 x Ø26 (M20) | 1891 | A160B |
| 100-365 | 280M | 90 | 150 | 100 | 1018 | 568 | 513 | 370 | 450 | 170 | 170 | 205 | 2034 | 1700 | 175 | 675 | 830 | 780 | 4 | 77 | 926 | 6 x Ø26 (M20) | 1215 | A160B |
| 100-365 | 315S | 110 | 150 | 100 | 1018 | 568 | 533 | 370 | 450 | 170 | 170 | 205 | 2148 | 1900 | 200 | 750 | 910 | 860 | 4 | 77 | 1090 | 6 x Ø26 (M20) | 1588 | A160B |
| 100-365 | 315M | 132 | 150 | 100 | 1018 | 568 | 533 | 370 | 450 | 170 | 170 | 205 | 2148 | 1900 | 200 | 750 | 910 | 860 | 4 | 77 | 1058 | 6 x Ø26 (M20) | 1667 | A160B |
| 100-365 | 315M | 160 | 150 | 100 | 1018 | 568 | 533 | 370 | 450 | 170 | 170 | 205 | 2148 | 1900 | 200 | 750 | 910 | 860 | 4 | 77 | 1058 | 6 x Ø26 (M20) | 1789 | A160B |
| 100-365 | 315M | 200 | 150 | 100 | 1018 | 568 | 533 | 370 | 450 | 170 | 170 | 205 | 2148 | 1900 | 200 | 750 | 910 | 860 | 4 | 77 | 1058 | 6 x Ø26 (M20) | 1891 | A160B |
| 100-365 | 315M | 250 | 150 | 100 | 1018 | 568 | 533 | 370 | 450 | 170 | 170 | 205 | 2148 | 1900 | 200 | 750 | 910 | 860 | 4 | 77 | 1058 | 6 x Ø26 (M20) | 1797 | A180D |
| 125-185 | 160L | 18,5 | 150 | 125 | 996 | 543 | 473 | 300 | 350 | 170 | 170 | 205 | 1604 | 1350 | 175 | 500 | 600 | 560 | 4 | C.F. | 743 | 6 x Ø19 (M16) | 504 | A110E |
| 125-185 | 180M | 22 | 150 | 125 | 996 | 543 | 473 | 300 | 350 | 170 | 170 | 205 | 1701 | 1400 | 175 | 525 | 600 | 560 | 4 | C.F. | 743 | 6 x Ø19 (M16) | 530 | A125A |
| 125-185 | 200L | 30 | 150 | 125 | 996 | 543 | 473 | 300 | 350 | 170 | 170 | 205 | 1781 | 1450 | 175 | 550 | 620 | 580 | 4 | C.F. | 773 | 6 x Ø19 (M16) | 595 | A125B |
| 125-185 | 200L | 37 | 150 | 125 | 996 | 543 | 473 | 300 | 350 | 170 | 170 | 205 | 1781 | 1450 | 175 | 550 | 620 | 580 | 4 | C.F. | 773 | 6 x Ø19 (M16) | 610 | A125B |

NOTE: Pumps with flanges according to EN1092-2 PN16/PN25/PN40 and ASME/ANSI B16.1 #125/#250 and B16.5 #150/#300 as standard Flat Face.
Flange drilling dimensions and additional Pump dimsions are in separate sections.
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LOWARA
a xylem brand

# e-XC SERIES
# DIMENSIONS AND WEIGHTS PBCM AT 50 Hz, 2 POLES

| PUMP TYPE EXC SIZE | IEC MOTOR FRAME | 3000 [rpm] [kW] | DIMENSIONS [mm] | | | | | | | | | | | | | | | | | | | | WEIGHT [kg] | COUPLING TYPE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | DNS | DND | CP | W | H | X | YY | S | Z | c | L | L1 | L2 | L3 | B1 | B2 | DBSE | MRC | H max. | z x s FOR SCREWS | | |
| 125-195 | 180M | 22 | 150 | 125 | 996 | 543 | 473 | 300 | 350 | 170 | 170 | 205 | 1701 | 1400 | 175 | 525 | 600 | 560 | 4 | C.F. | 743 | 6 x Ø19 (M16) | 530 | A125A |
| 125-195 | 200L | 30 | 150 | 125 | 996 | 543 | 473 | 300 | 350 | 170 | 170 | 205 | 1781 | 1450 | 175 | 550 | 620 | 580 | 4 | C.F. | 773 | 6 x Ø19 (M16) | 595 | A125B |
| 125-195 | 200L | 37 | 150 | 125 | 996 | 543 | 473 | 300 | 350 | 170 | 170 | 205 | 1781 | 1450 | 175 | 550 | 620 | 580 | 4 | C.F. | 773 | 6 x Ø19 (M16) | 610 | A125B |
| 125-195 | 225M | 45 | 150 | 125 | 996 | 543 | 493 | 300 | 350 | 170 | 170 | 205 | 1811 | 1500 | 175 | 575 | 680 | 630 | 4 | C.F. | 816 | 6 x Ø19 (M16) | 673 | A125B |
| 125-235 | 250M | 55 | 200 | 125 | 1108 | 613 | 567 | 350 | 400 | 200 | 200 | 240 | 2019 | 1700 | 175 | 675 | 730 | 680 | 4 | C.F. | 944 | 6 x Ø19 (M16) | 952 | A140B |
| 125-235 | 280S | 75 | 200 | 125 | 1108 | 613 | 587 | 350 | 400 | 200 | 200 | 240 | 2069 | 1750 | 175 | 700 | 830 | 780 | 4 | C.F. | 1000 | 6 x Ø26 (M20) | 1174 | A160B |
| 125-235 | 280M | 90 | 200 | 125 | 1108 | 613 | 587 | 350 | 400 | 200 | 200 | 240 | 2124 | 1750 | 175 | 700 | 830 | 780 | 4 | C.F. | 1000 | 6 x Ø26 (M20) | 1255 | A160B |
| 125-235 | 315S | 110 | 200 | 125 | 1108 | 613 | 607 | 350 | 400 | 200 | 200 | 240 | 2238 | 2000 | 200 | 800 | 910 | 860 | 4 | C.F. | 1164 | 6 x Ø26 (M20) | 1628 | A160B |
| 125-245 | 250M | 55 | 200 | 125 | 1108 | 613 | 567 | 350 | 400 | 200 | 200 | 240 | 2019 | 1700 | 175 | 675 | 730 | 680 | 4 | C.F. | 944 | 6 x Ø19 (M16) | 951 | A140B |
| 125-245 | 280S | 75 | 200 | 125 | 1108 | 613 | 587 | 350 | 400 | 200 | 200 | 240 | 2069 | 1750 | 175 | 700 | 830 | 780 | 4 | C.F. | 1000 | 6 x Ø26 (M20) | 1173 | A160B |
| 125-245 | 280M | 90 | 200 | 125 | 1108 | 613 | 587 | 350 | 400 | 200 | 200 | 240 | 2124 | 1750 | 175 | 700 | 830 | 780 | 4 | C.F. | 1000 | 6 x Ø26 (M20) | 1254 | A160B |
| 125-245 | 315S | 110 | 200 | 125 | 1108 | 613 | 607 | 350 | 400 | 200 | 200 | 240 | 2238 | 2000 | 200 | 800 | 910 | 860 | 4 | C.F. | 1164 | 6 x Ø26 (M20) | 1627 | A160B |
| 125-245 | 315M | 132 | 200 | 125 | 1108 | 613 | 607 | 350 | 400 | 200 | 200 | 240 | 2238 | 2000 | 200 | 800 | 910 | 860 | 4 | C.F. | 1132 | 6 x Ø26 (M20) | 1706 | A160B |
| 125-285 | 280M | 90 | 200 | 125 | 1108 | 613 | 587 | 350 | 400 | 200 | 200 | 240 | 2124 | 1750 | 175 | 700 | 830 | 780 | 4 | C.F. | 1000 | 6 x Ø26 (M20) | 1305 | A160B |
| 125-285 | 315S | 110 | 200 | 125 | 1108 | 613 | 607 | 350 | 400 | 200 | 200 | 240 | 2238 | 2000 | 200 | 800 | 910 | 860 | 4 | C.F. | 1164 | 6 x Ø26 (M20) | 1678 | A160B |
| 125-285 | 315M | 132 | 200 | 125 | 1108 | 613 | 607 | 350 | 400 | 200 | 200 | 240 | 2238 | 2000 | 200 | 800 | 910 | 860 | 4 | C.F. | 1132 | 6 x Ø26 (M20) | 1757 | A160B |
| 125-285 | 315M | 160 | 200 | 125 | 1108 | 613 | 607 | 350 | 400 | 200 | 200 | 240 | 2238 | 2000 | 200 | 800 | 910 | 860 | 4 | C.F. | 1132 | 6 x Ø26 (M20) | 1879 | A160B |
| 125-285 | 315M | 200 | 200 | 125 | 1108 | 613 | 607 | 350 | 400 | 200 | 200 | 240 | 2238 | 2000 | 200 | 800 | 910 | 860 | 4 | C.F. | 1132 | 6 x Ø26 (M20) | 1981 | A160B |
| 125-300 | 315S | 110 | 200 | 125 | 1108 | 613 | 607 | 350 | 400 | 200 | 200 | 240 | 2238 | 2000 | 200 | 800 | 910 | 860 | 4 | C.F. | 1164 | 6 x Ø26 (M20) | 1677 | A160B |
| 125-300 | 315M | 132 | 200 | 125 | 1108 | 613 | 607 | 350 | 400 | 200 | 200 | 240 | 2238 | 2000 | 200 | 800 | 910 | 860 | 4 | C.F. | 1132 | 6 x Ø26 (M20) | 1756 | A160B |
| 125-300 | 315M | 160 | 200 | 125 | 1108 | 613 | 607 | 350 | 400 | 200 | 200 | 240 | 2238 | 2000 | 200 | 800 | 910 | 860 | 4 | C.F. | 1132 | 6 x Ø26 (M20) | 1878 | A160B |
| 125-300 | 315M | 200 | 200 | 125 | 1108 | 613 | 607 | 350 | 400 | 200 | 200 | 240 | 2238 | 2000 | 200 | 800 | 910 | 860 | 4 | C.F. | 1132 | 6 x Ø26 (M20) | 1980 | A160B |
| 125-300 | 315M | 250 | 200 | 125 | 1108 | 613 | 607 | 350 | 400 | 200 | 200 | 240 | 2238 | 2000 | 200 | 800 | 910 | 860 | 4 | C.F. | 1132 | 6 x Ø26 (M20) | 1886 | A180D |
| 125-335 | 315S | 110 | 200 | 125 | 1175 | 648 | 637 | 350 | 400 | 230 | 230 | 240 | 2305 | 2000 | 200 | 800 | 910 | 860 | 4 | C.F. | 1194 | 6 x Ø26 (M20) | 1903 | A160C |
| 125-335 | 315M | 132 | 200 | 125 | 1175 | 648 | 637 | 350 | 400 | 230 | 230 | 240 | 2305 | 2000 | 200 | 800 | 910 | 860 | 4 | C.F. | 1162 | 6 x Ø26 (M20) | 1982 | A160C |
| 125-335 | 315M | 160 | 200 | 125 | 1175 | 648 | 637 | 350 | 400 | 230 | 230 | 240 | 2305 | 2000 | 200 | 800 | 910 | 860 | 4 | C.F. | 1162 | 6 x Ø26 (M20) | 2104 | A160C |
| 125-335 | 315M | 200 | 200 | 125 | 1175 | 648 | 637 | 350 | 400 | 230 | 230 | 240 | 2305 | 2000 | 200 | 800 | 910 | 860 | 4 | C.F. | 1162 | 6 x Ø26 (M20) | 2206 | A160C |
| 125-335 | 315M | 250 | 200 | 125 | 1175 | 648 | 637 | 350 | 400 | 230 | 230 | 240 | 2305 | 2000 | 200 | 800 | 910 | 860 | 4 | C.F. | 1162 | 6 x Ø26 (M20) | 2112 | A180G |
| 125-335 | 355M | 315 | 200 | 125 | 1175 | 648 | 677 | 350 | 400 | 230 | 230 | 240 | 2509 | 2100 | 200 | 850 | 1030 | 960 | 4 | C.F. | 1267 | 6 x Ø29 (M24) | 2261 | A180H |
| 125-355 | 315M | 160 | 200 | 125 | 1175 | 648 | 637 | 350 | 400 | 230 | 230 | 240 | 2305 | 2000 | 200 | 800 | 910 | 860 | 4 | C.F. | 1162 | 6 x Ø26 (M20) | 2104 | A160C |
| 125-355 | 315M | 200 | 200 | 125 | 1175 | 648 | 637 | 350 | 400 | 230 | 230 | 240 | 2305 | 2000 | 200 | 800 | 910 | 860 | 4 | C.F. | 1162 | 6 x Ø26 (M20) | 2206 | A160C |
| 125-355 | 315M | 250 | 200 | 125 | 1175 | 648 | 637 | 350 | 400 | 230 | 230 | 240 | 2305 | 2000 | 200 | 800 | 910 | 860 | 4 | C.F. | 1162 | 6 x Ø26 (M20) | 2112 | A180G |
| 125-355 | 355M | 315 | 200 | 125 | 1175 | 648 | 677 | 350 | 400 | 230 | 230 | 240 | 2509 | 2100 | 200 | 850 | 1030 | 960 | 4 | C.F. | 1267 | 6 x Ø29 (M24) | 2261 | A180H |
| 125-355 | 355M | 355 | 200 | 125 | 1175 | 648 | 677 | 350 | 400 | 230 | 230 | 240 | 2509 | 2100 | 200 | 850 | 1030 | 960 | 4 | C.F. | 1267 | 6 x Ø29 (M24) | 2330 | A200E |
| 125-355 | 355LA | 400 | 200 | 125 | 1175 | 648 | 677 | 350 | 400 | 230 | 230 | 240 | 2844 | 2300 | 200 | 950 | 1030 | 960 | 4 | C.F. | 1267 | 6 x Ø29 (M24) | 2571 | A200E |
| 150-265 | 315S | 110 | 250 | 150 | 1235 | 678 | 667 | 400 | 450 | 230 | 230 | 290 | 2365 | 2100 | 200 | 850 | 910 | 860 | 4 | C.F. | 1224 | 6 x Ø26 (M20) | 1913 | A160C |
| 150-265 | 315M | 132 | 250 | 150 | 1235 | 678 | 667 | 400 | 450 | 230 | 230 | 290 | 2365 | 2100 | 200 | 850 | 910 | 860 | 4 | C.F. | 1192 | 6 x Ø26 (M20) | 1992 | A160C |
| 150-265 | 315M | 160 | 250 | 150 | 1235 | 678 | 667 | 400 | 450 | 230 | 230 | 290 | 2365 | 2100 | 200 | 850 | 910 | 860 | 4 | C.F. | 1192 | 6 x Ø26 (M20) | 2114 | A160C |
| 150-265 | 315M | 200 | 250 | 150 | 1235 | 678 | 667 | 400 | 450 | 230 | 230 | 290 | 2365 | 2100 | 200 | 850 | 910 | 860 | 4 | C.F. | 1192 | 6 x Ø26 (M20) | 2216 | A160C |
| 150-280 | 315M | 132 | 250 | 150 | 1235 | 678 | 667 | 400 | 450 | 230 | 230 | 290 | 2365 | 2100 | 200 | 850 | 910 | 860 | 4 | C.F. | 1192 | 6 x Ø26 (M20) | 1992 | A160C |
| 150-280 | 315M | 160 | 250 | 150 | 1235 | 678 | 667 | 400 | 450 | 230 | 230 | 290 | 2365 | 2100 | 200 | 850 | 910 | 860 | 4 | C.F. | 1192 | 6 x Ø26 (M20) | 2114 | A160C |
| 150-280 | 315M | 200 | 250 | 150 | 1235 | 678 | 667 | 400 | 450 | 230 | 230 | 290 | 2365 | 2100 | 200 | 850 | 910 | 860 | 4 | C.F. | 1192 | 6 x Ø26 (M20) | 2216 | A160C |
| 150-280 | 315M | 250 | 250 | 150 | 1235 | 678 | 667 | 400 | 450 | 230 | 230 | 290 | 2365 | 2100 | 200 | 850 | 910 | 860 | 4 | C.F. | 1192 | 6 x Ø26 (M20) | 2122 | A180G |

NOTE: Pumps with flanges according to EN1092-2 PN16/PN25/PN40 and ASME/ANSI B16.1 #125/#250 and B16.5 #150/#300 as standard Flat Face.
Flange drilling dimensions and additional Pump dimsions are in separate sections.
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a xylem brand

# e-XC SERIES
# DIMENSIONS AND WEIGHTS PBCM AT 50 Hz, 4 POLES

| PUMP TYPE eXC SIZE | IEC MOTOR FRAME | 1500 [rpm] | DIMENSIONS [mm] | | | | | | | | | | | | | | | | | | | | WEIGHT | COUPLING TYPE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | [kW] | DNS | DND | CP | W | H | X | YY | S | Z | c | L | L1 | L2 | L3 | B1 | B2 | DBSE | MRC | H max. | z x s FOR SCREWS | [kg] | |
| 80-345 | 132M | 7,5 | 125 | 80 | 996 | 543 | 443 | 350 | 380 | 160 | 160 | 205 | 1485 | 1200 | 150 | 450 | 600 | 560 | 4 | 77 | 743 | 6 x Ø19 (M16) | 466 | A110D |
| 80-345 | 160M | 11 | 125 | 80 | 996 | 543 | 443 | 350 | 380 | 160 | 160 | 205 | 1604 | 1350 | 175 | 500 | 600 | 560 | 4 | 77 | 743 | 6 x Ø19 (M16) | 524 | A110E |
| 80-345 | 160L | 15 | 125 | 80 | 996 | 543 | 443 | 350 | 380 | 160 | 160 | 205 | 1604 | 1350 | 175 | 500 | 600 | 560 | 4 | 77 | 743 | 6 x Ø19 (M16) | 528 | A110E |
| 80-345 | 180M | 18,5 | 125 | 80 | 996 | 543 | 443 | 350 | 380 | 160 | 160 | 205 | 1701 | 1400 | 175 | 525 | 600 | 560 | 4 | 77 | 743 | 6 x Ø19 (M16) | 536 | A125A |
| 80-345 | 180L | 22 | 125 | 80 | 996 | 543 | 443 | 350 | 380 | 160 | 160 | 205 | 1701 | 1400 | 175 | 525 | 600 | 560 | 4 | 77 | 743 | 6 x Ø19 (M16) | 554 | A125A |
| 100-250 | 112M | 4 | 150 | 100 | 996 | 543 | 473 | 330 | 350 | 170 | 170 | 205 | 1458 | 1150 | 150 | 425 | 600 | 560 | 4 | 77 | 758 | 6 x Ø19 (M16) | 455 | A110C |
| 100-250 | 132S | 5,5 | 150 | 100 | 996 | 543 | 473 | 330 | 350 | 170 | 170 | 205 | 1485 | 1200 | 150 | 450 | 600 | 560 | 4 | 77 | 758 | 6 x Ø19 (M16) | 461 | A110D |
| 100-250 | 132M | 7,5 | 150 | 100 | 996 | 543 | 473 | 330 | 350 | 170 | 170 | 205 | 1485 | 1200 | 150 | 450 | 600 | 560 | 4 | 77 | 758 | 6 x Ø19 (M16) | 463 | A110D |
| 100-260 | 132M | 7,5 | 150 | 100 | 996 | 543 | 473 | 330 | 350 | 170 | 170 | 205 | 1485 | 1200 | 150 | 450 | 600 | 560 | 4 | 77 | 758 | 6 x Ø19 (M16) | 462 | A110D |
| 100-260 | 160M | 11 | 150 | 100 | 996 | 543 | 473 | 330 | 350 | 170 | 170 | 205 | 1604 | 1350 | 175 | 500 | 600 | 560 | 4 | 77 | 758 | 6 x Ø19 (M16) | 520 | A110E |
| 100-260 | 160L | 15 | 150 | 100 | 996 | 543 | 473 | 330 | 350 | 170 | 170 | 205 | 1604 | 1350 | 175 | 500 | 600 | 560 | 4 | 77 | 758 | 6 x Ø19 (M16) | 524 | A110E |
| 100-310 | 132M | 7,5 | 150 | 100 | 1018 | 568 | 473 | 350 | 400 | 170 | 170 | 205 | 1507 | 1250 | 150 | 475 | 600 | 560 | 4 | 77 | 773 | 6 x Ø19 (M16) | 493 | A110J |
| 100-310 | 160M | 11 | 150 | 100 | 1018 | 568 | 473 | 350 | 400 | 170 | 170 | 205 | 1626 | 1350 | 175 | 500 | 600 | 560 | 4 | 77 | 773 | 6 x Ø19 (M16) | 551 | A110K |
| 100-310 | 160L | 15 | 150 | 100 | 1018 | 568 | 473 | 350 | 400 | 170 | 170 | 205 | 1626 | 1350 | 175 | 500 | 600 | 560 | 4 | 77 | 773 | 6 x Ø19 (M16) | 555 | A110K |
| 100-310 | 180M | 18,5 | 150 | 100 | 1018 | 568 | 473 | 350 | 400 | 170 | 170 | 205 | 1723 | 1400 | 175 | 525 | 600 | 560 | 4 | 77 | 773 | 6 x Ø19 (M16) | 563 | A125C |
| 100-310 | 180L | 22 | 150 | 100 | 1018 | 568 | 473 | 350 | 400 | 170 | 170 | 205 | 1723 | 1400 | 175 | 525 | 600 | 560 | 4 | 77 | 773 | 6 x Ø19 (M16) | 581 | A125C |
| 100-325 | 160M | 11 | 150 | 100 | 1018 | 568 | 473 | 350 | 400 | 170 | 170 | 205 | 1626 | 1350 | 175 | 500 | 600 | 560 | 4 | 77 | 773 | 6 x Ø19 (M16) | 550 | A110K |
| 100-325 | 160L | 15 | 150 | 100 | 1018 | 568 | 473 | 350 | 400 | 170 | 170 | 205 | 1626 | 1350 | 175 | 500 | 600 | 560 | 4 | 77 | 773 | 6 x Ø19 (M16) | 554 | A110K |
| 100-325 | 180M | 18,5 | 150 | 100 | 1018 | 568 | 473 | 350 | 400 | 170 | 170 | 205 | 1723 | 1400 | 175 | 525 | 600 | 560 | 4 | 77 | 773 | 6 x Ø19 (M16) | 562 | A125C |
| 100-325 | 180L | 22 | 150 | 100 | 1018 | 568 | 473 | 350 | 400 | 170 | 170 | 205 | 1723 | 1400 | 175 | 525 | 600 | 560 | 4 | 77 | 773 | 6 x Ø19 (M16) | 580 | A125C |
| 100-325 | 200L | 30 | 150 | 100 | 1018 | 568 | 473 | 350 | 400 | 170 | 170 | 205 | 1803 | 1450 | 175 | 550 | 620 | 580 | 4 | 77 | 773 | 6 x Ø19 (M16) | 639 | A125D |
| 100-350 | 160L | 15 | 150 | 100 | 1018 | 568 | 473 | 370 | 450 | 170 | 170 | 205 | 1626 | 1350 | 175 | 500 | 600 | 560 | 4 | 77 | 798 | 6 x Ø19 (M16) | 606 | A110K |
| 100-350 | 180M | 18,5 | 150 | 100 | 1018 | 568 | 473 | 370 | 450 | 170 | 170 | 205 | 1723 | 1400 | 175 | 525 | 600 | 560 | 4 | 77 | 798 | 6 x Ø19 (M16) | 613 | A125C |
| 100-350 | 180L | 22 | 150 | 100 | 1018 | 568 | 473 | 370 | 450 | 170 | 170 | 205 | 1723 | 1400 | 175 | 525 | 600 | 560 | 4 | 77 | 798 | 6 x Ø19 (M16) | 631 | A125C |
| 100-350 | 200L | 30 | 150 | 100 | 1018 | 568 | 473 | 370 | 450 | 170 | 170 | 205 | 1803 | 1450 | 175 | 550 | 620 | 580 | 4 | 77 | 798 | 6 x Ø19 (M16) | 690 | A125D |
| 80-330 | 180M | 18,5 | 125 | 80 | 996 | 543 | 443 | 350 | 380 | 160 | 160 | 205 | 1701 | 1400 | 175 | 525 | 600 | 560 | 4 | 77 | 743 | 6 x Ø19 (M16) | 536 | A125A |
| 80-330 | 180L | 22 | 125 | 80 | 996 | 543 | 443 | 350 | 380 | 160 | 160 | 205 | 1701 | 1400 | 175 | 525 | 600 | 560 | 4 | 77 | 743 | 6 x Ø19 (M16) | 554 | A125A |
| 80-345 | 132M | 7,5 | 125 | 80 | 996 | 543 | 443 | 350 | 380 | 160 | 160 | 205 | 1485 | 1200 | 150 | 450 | 600 | 560 | 4 | 77 | 743 | 6 x Ø19 (M16) | 464 | A110D |
| 80-345 | 160M | 11 | 125 | 80 | 996 | 543 | 443 | 350 | 380 | 160 | 160 | 205 | 1604 | 1350 | 175 | 500 | 600 | 560 | 4 | 77 | 743 | 6 x Ø19 (M16) | 484 | A110E |
| 80-345 | 160L | 15 | 125 | 80 | 996 | 543 | 443 | 350 | 380 | 160 | 160 | 205 | 1604 | 1350 | 175 | 500 | 600 | 560 | 4 | 77 | 743 | 6 x Ø19 (M16) | 527 | A110E |
| 80-345 | 180M | 18,5 | 125 | 80 | 996 | 543 | 443 | 350 | 380 | 160 | 160 | 205 | 1701 | 1400 | 175 | 525 | 600 | 560 | 4 | 77 | 743 | 6 x Ø19 (M16) | 536 | A125A |
| 80-345 | 180L | 22 | 125 | 80 | 996 | 543 | 443 | 350 | 380 | 160 | 160 | 205 | 1701 | 1400 | 175 | 525 | 600 | 560 | 4 | 77 | 743 | 6 x Ø19 (M16) | 554 | A125A |
| 100-250 | 112M | 4 | 150 | 100 | 996 | 543 | 473 | 330 | 350 | 170 | 170 | 205 | 1442 | 1150 | 150 | 425 | 600 | 560 | 4 | 77 | 758 | 6 x Ø19 (M16) | 455 | A110C |
| 100-250 | 132S | 5,5 | 150 | 100 | 996 | 543 | 473 | 330 | 350 | 170 | 170 | 205 | 1485 | 1200 | 150 | 450 | 600 | 560 | 4 | 77 | 758 | 6 x Ø19 (M16) | 461 | A110D |
| 100-250 | 132M | 7,5 | 150 | 100 | 996 | 543 | 473 | 330 | 350 | 170 | 170 | 205 | 1485 | 1200 | 150 | 450 | 600 | 560 | 4 | 77 | 758 | 6 x Ø19 (M16) | 461 | A110D |
| 100-260 | 132M | 7,5 | 150 | 100 | 996 | 543 | 473 | 330 | 350 | 170 | 170 | 205 | 1485 | 1200 | 150 | 450 | 600 | 560 | 4 | 77 | 758 | 6 x Ø19 (M16) | 460 | A110D |
| 100-260 | 160M | 11 | 150 | 100 | 996 | 543 | 473 | 330 | 350 | 170 | 170 | 205 | 1604 | 1350 | 175 | 500 | 600 | 560 | 4 | 77 | 758 | 6 x Ø19 (M16) | 480 | A110E |
| 100-260 | 160L | 15 | 150 | 100 | 996 | 543 | 473 | 330 | 350 | 170 | 170 | 205 | 1604 | 1350 | 175 | 500 | 600 | 560 | 4 | 77 | 758 | 6 x Ø19 (M16) | 523 | A110E |
| 100-310 | 132M | 7,5 | 150 | 100 | 1018 | 568 | 473 | 350 | 400 | 170 | 170 | 205 | 1507 | 1250 | 150 | 475 | 600 | 560 | 4 | 77 | 773 | 6 x Ø19 (M16) | 491 | A110J |
| 100-310 | 160M | 11 | 150 | 100 | 1018 | 568 | 473 | 350 | 400 | 170 | 170 | 205 | 1626 | 1350 | 175 | 500 | 600 | 560 | 4 | 77 | 773 | 6 x Ø19 (M16) | 511 | A110K |
| 100-310 | 160L | 15 | 150 | 100 | 1018 | 568 | 473 | 350 | 400 | 170 | 170 | 205 | 1626 | 1350 | 175 | 500 | 600 | 560 | 4 | 77 | 773 | 6 x Ø19 (M16) | 554 | A110K |
| 100-310 | 180M | 18,5 | 150 | 100 | 1018 | 568 | 473 | 350 | 400 | 170 | 170 | 205 | 1723 | 1400 | 175 | 525 | 600 | 560 | 4 | 77 | 773 | 6 x Ø19 (M16) | 563 | A125C |
| 100-310 | 180L | 22 | 150 | 100 | 1018 | 568 | 473 | 350 | 400 | 170 | 170 | 205 | 1723 | 1400 | 175 | 525 | 600 | 560 | 4 | 77 | 773 | 6 x Ø19 (M16) | 581 | A125C |
| 100-325 | 160M | 11 | 150 | 100 | 1018 | 568 | 473 | 350 | 400 | 170 | 170 | 205 | 1626 | 1350 | 175 | 500 | 600 | 560 | 4 | 77 | 773 | 6 x Ø19 (M16) | 510 | A110K |
| 100-325 | 160L | 15 | 150 | 100 | 1018 | 568 | 473 | 350 | 400 | 170 | 170 | 205 | 1626 | 1350 | 175 | 500 | 600 | 560 | 4 | 77 | 773 | 6 x Ø19 (M16) | 553 | A110K |
| 100-325 | 180M | 18,5 | 150 | 100 | 1018 | 568 | 473 | 350 | 400 | 170 | 170 | 205 | 1723 | 1400 | 175 | 525 | 600 | 560 | 4 | 77 | 773 | 6 x Ø19 (M16) | 562 | A125C |
| 100-325 | 180L | 22 | 150 | 100 | 1018 | 568 | 473 | 350 | 400 | 170 | 170 | 205 | 1723 | 1400 | 175 | 525 | 600 | 560 | 4 | 77 | 773 | 6 x Ø19 (M16) | 580 | A125C |
| 100-325 | 200L | 30 | 150 | 100 | 1018 | 568 | 473 | 350 | 400 | 170 | 170 | 205 | 1803 | 1450 | 175 | 550 | 620 | 580 | 4 | 77 | 773 | 6 x Ø19 (M16) | 639 | A125D |
| 100-350 | 160L | 15 | 150 | 100 | 1018 | 568 | 473 | 370 | 450 | 170 | 170 | 205 | 1626 | 1350 | 175 | 500 | 600 | 560 | 4 | 77 | 798 | 6 x Ø19 (M16) | 605 | A110K |
| 100-350 | 180M | 18,5 | 150 | 100 | 1018 | 568 | 473 | 370 | 450 | 170 | 170 | 205 | 1723 | 1400 | 175 | 525 | 600 | 560 | 4 | 77 | 798 | 6 x Ø19 (M16) | 613 | A125C |
| 100-350 | 180L | 22 | 150 | 100 | 1018 | 568 | 473 | 370 | 450 | 170 | 170 | 205 | 1723 | 1400 | 175 | 525 | 600 | 560 | 4 | 77 | 798 | 6 x Ø19 (M16) | 631 | A125C |
| 100-350 | 200L | 30 | 150 | 100 | 1018 | 568 | 473 | 370 | 450 | 170 | 170 | 205 | 1803 | 1450 | 175 | 550 | 620 | 580 | 4 | 77 | 798 | 6 x Ø19 (M16) | 690 | A125D |

NOTE: Pumps with flanges according to EN1092-2 PN16/PN25/PN40 and ASME/ANSI B16.1 #125/#250 and B16.5 #150/#300 as standard Flat Face.

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Flange drilling dimensions and additional Pump dimsions are in separate sections.

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# e-XC SERIES
# DIMENSIONS AND WEIGHTS PBCM AT 50 Hz, 4 POLES

| PUMP TYPE eXC SIZE | IEC MOTOR FRAME | 1500 [rpm] | DIMENSIONS [mm] | | | | | | | | | | | | | | | | | | | | | WEIGHT | COUPLING TYPE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | [kW] | DNS | DND | CP | W | H | X | YY | S | Z | c | L | L1 | L2 | L3 | B1 | B2 | DBSE | MRC | H max. | z x s FOR SCREWS | | [kg] | |
| 100-365 | 132S | 5,5 | 150 | 100 | 1018 | 568 | 473 | 370 | 450 | 170 | 170 | 205 | 1507 | 1250 | 150 | 475 | 600 | 560 | 4 | 77 | 798 | 6 x Ø19 (M16) | | 541 | A110J |
| 100-365 | 132M | 7,5 | 150 | 100 | 1018 | 568 | 473 | 370 | 450 | 170 | 170 | 205 | 1507 | 1250 | 150 | 475 | 600 | 560 | 4 | 77 | 798 | 6 x Ø19 (M16) | | 543 | A110J |
| 100-365 | 160M | 11 | 150 | 100 | 1018 | 568 | 473 | 370 | 450 | 170 | 170 | 205 | 1626 | 1350 | 175 | 500 | 600 | 560 | 4 | 77 | 798 | 6 x Ø19 (M16) | | 601 | A110K |
| 100-365 | 160L | 15 | 150 | 100 | 1018 | 568 | 473 | 370 | 450 | 170 | 170 | 205 | 1626 | 1350 | 175 | 500 | 600 | 560 | 4 | 77 | 798 | 6 x Ø19 (M16) | | 605 | A110K |
| 100-365 | 180M | 18,5 | 150 | 100 | 1018 | 568 | 473 | 370 | 450 | 170 | 170 | 205 | 1723 | 1400 | 175 | 525 | 600 | 560 | 4 | 77 | 798 | 6 x Ø19 (M16) | | 613 | A125C |
| 100-365 | 180L | 22 | 150 | 100 | 1018 | 568 | 473 | 370 | 450 | 170 | 170 | 205 | 1723 | 1400 | 175 | 525 | 600 | 560 | 4 | 77 | 798 | 6 x Ø19 (M16) | | 631 | A125C |
| 100-365 | 200L | 30 | 150 | 100 | 1018 | 568 | 473 | 370 | 450 | 170 | 170 | 205 | 1803 | 1450 | 175 | 550 | 620 | 580 | 4 | 77 | 798 | 6 x Ø19 (M16) | | 690 | A125D |
| 100-390 | 160M | 11 | 150 | 100 | 996 | 543 | 477 | 400 | 430 | 170 | 170 | 240 | 1604 | 1350 | 175 | 500 | 680 | 640 | 4 | 77 | 812 | 6 x Ø19 (M16) | | 615 | A110E |
| 100-390 | 160L | 15 | 150 | 100 | 996 | 543 | 477 | 400 | 430 | 170 | 170 | 240 | 1604 | 1350 | 175 | 500 | 680 | 640 | 4 | 77 | 812 | 6 x Ø19 (M16) | | 619 | A110E |
| 100-390 | 180M | 18,5 | 150 | 100 | 996 | 543 | 477 | 400 | 430 | 170 | 170 | 240 | 1701 | 1400 | 175 | 525 | 680 | 640 | 4 | 77 | 812 | 6 x Ø19 (M16) | | 627 | A125A |
| 100-390 | 180L | 22 | 150 | 100 | 996 | 543 | 477 | 400 | 430 | 170 | 170 | 240 | 1701 | 1400 | 175 | 525 | 680 | 640 | 4 | 77 | 812 | 6 x Ø19 (M16) | | 645 | A125A |
| 100-390 | 200L | 30 | 150 | 100 | 996 | 543 | 477 | 400 | 430 | 170 | 170 | 240 | 1781 | 1450 | 175 | 550 | 680 | 640 | 4 | 77 | 812 | 6 x Ø19 (M16) | | 704 | A125B |
| 100-390 | 225S | 37 | 150 | 100 | 996 | 543 | 497 | 400 | 430 | 170 | 170 | 240 | 1841 | 1550 | 175 | 600 | 680 | 630 | 4 | 77 | 832 | 6 x Ø19 (M16) | | 755 | A140A |
| 100-390 | 225M | 45 | 150 | 100 | 996 | 543 | 497 | 400 | 430 | 170 | 170 | 240 | 1841 | 1550 | 175 | 600 | 680 | 630 | 4 | 77 | 832 | 6 x Ø19 (M16) | | 786 | A140A |
| 100-410 | 160L | 15 | 150 | 100 | 996 | 543 | 477 | 400 | 430 | 170 | 170 | 240 | 1604 | 1350 | 175 | 500 | 680 | 640 | 4 | 77 | 812 | 6 x Ø19 (M16) | | 619 | A110E |
| 100-410 | 180M | 18,5 | 150 | 100 | 996 | 543 | 477 | 400 | 430 | 170 | 170 | 240 | 1701 | 1400 | 175 | 525 | 680 | 640 | 4 | 77 | 812 | 6 x Ø19 (M16) | | 627 | A125A |
| 100-410 | 180L | 22 | 150 | 100 | 996 | 543 | 477 | 400 | 430 | 170 | 170 | 240 | 1701 | 1400 | 175 | 525 | 680 | 640 | 4 | 77 | 812 | 6 x Ø19 (M16) | | 645 | A125A |
| 100-410 | 200L | 30 | 150 | 100 | 996 | 543 | 477 | 400 | 430 | 170 | 170 | 240 | 1781 | 1450 | 175 | 550 | 680 | 640 | 4 | 77 | 812 | 6 x Ø19 (M16) | | 704 | A125B |
| 100-410 | 225M | 45 | 150 | 100 | 996 | 543 | 497 | 400 | 430 | 170 | 170 | 240 | 1841 | 1550 | 175 | 600 | 680 | 630 | 4 | 77 | 832 | 6 x Ø19 (M16) | | 786 | A140A |
| 100-410 | 250M | 55 | 150 | 100 | 996 | 543 | 497 | 400 | 430 | 170 | 170 | 240 | 1907 | 1650 | 175 | 650 | 730 | 680 | 4 | 77 | 874 | 6 x Ø19 (M16) | | 930 | A160A |
| 125-215 | 112M | 4 | 150 | 125 | 996 | 543 | 473 | 300 | 360 | 170 | 170 | 205 | 1458 | 1150 | 150 | 425 | 600 | 560 | 4 | 77 | 748 | 6 x Ø19 (M16) | | 474 | A110C |
| 125-215 | 132S | 5,5 | 150 | 125 | 996 | 543 | 473 | 300 | 360 | 170 | 170 | 205 | 1485 | 1200 | 150 | 450 | 600 | 560 | 4 | 77 | 748 | 6 x Ø19 (M16) | | 480 | A110D |
| 125-215 | 132M | 7,5 | 150 | 125 | 996 | 543 | 473 | 300 | 360 | 170 | 170 | 205 | 1485 | 1200 | 150 | 450 | 600 | 560 | 4 | 77 | 748 | 6 x Ø19 (M16) | | 482 | A110D |
| 125-225 | 112M | 4 | 150 | 125 | 996 | 543 | 473 | 300 | 360 | 170 | 170 | 205 | 1458 | 1150 | 150 | 425 | 600 | 560 | 4 | 77 | 748 | 6 x Ø19 (M16) | | 474 | A110C |
| 125-225 | 132S | 5,5 | 150 | 125 | 996 | 543 | 473 | 300 | 360 | 170 | 170 | 205 | 1485 | 1200 | 150 | 450 | 600 | 560 | 4 | 77 | 748 | 6 x Ø19 (M16) | | 480 | A110D |
| 125-225 | 132M | 7,5 | 150 | 125 | 996 | 543 | 473 | 300 | 360 | 170 | 170 | 205 | 1485 | 1200 | 150 | 450 | 600 | 560 | 4 | 77 | 748 | 6 x Ø19 (M16) | | 482 | A110D |
| 125-225 | 160M | 11 | 150 | 125 | 996 | 543 | 473 | 300 | 360 | 170 | 170 | 205 | 1604 | 1350 | 175 | 500 | 600 | 560 | 4 | 77 | 748 | 6 x Ø19 (M16) | | 540 | A110E |
| 125-235 | 132M | 7,5 | 200 | 125 | 1108 | 613 | 547 | 350 | 400 | 200 | 200 | 240 | 1597 | 1300 | 150 | 500 | 680 | 640 | 4 | C.F. | 837 | 6 x Ø19 (M16) | | 583 | A110J |
| 125-235 | 160M | 11 | 200 | 125 | 1108 | 613 | 547 | 350 | 400 | 200 | 200 | 240 | 1716 | 1450 | 175 | 550 | 680 | 640 | 4 | C.F. | 837 | 6 x Ø19 (M16) | | 641 | A110K |
| 125-235 | 160L | 15 | 200 | 125 | 1108 | 613 | 547 | 350 | 400 | 200 | 200 | 240 | 1716 | 1450 | 175 | 550 | 680 | 640 | 4 | C.F. | 837 | 6 x Ø19 (M16) | | 645 | A110K |
| 125-245 | 132M | 7,5 | 200 | 125 | 1108 | 613 | 547 | 350 | 400 | 200 | 200 | 240 | 1597 | 1300 | 150 | 500 | 680 | 640 | 4 | C.F. | 837 | 6 x Ø19 (M16) | | 582 | A110J |
| 125-245 | 160M | 11 | 200 | 125 | 1108 | 613 | 547 | 350 | 400 | 200 | 200 | 240 | 1716 | 1450 | 175 | 550 | 680 | 640 | 4 | C.F. | 837 | 6 x Ø19 (M16) | | 640 | A110K |
| 125-245 | 160L | 15 | 200 | 125 | 1108 | 613 | 547 | 350 | 400 | 200 | 200 | 240 | 1716 | 1450 | 175 | 550 | 680 | 640 | 4 | C.F. | 837 | 6 x Ø19 (M16) | | 644 | A110K |
| 125-245 | 180M | 18,5 | 200 | 125 | 1108 | 613 | 547 | 350 | 400 | 200 | 200 | 240 | 1813 | 1500 | 175 | 575 | 680 | 640 | 4 | C.F. | 837 | 6 x Ø19 (M16) | | 652 | A125C |
| 125-285 | 160L | 15 | 200 | 125 | 1108 | 613 | 547 | 350 | 400 | 200 | 200 | 240 | 1716 | 1450 | 175 | 550 | 680 | 640 | 4 | C.F. | 852 | 6 x Ø19 (M16) | | 695 | A110K |
| 125-285 | 180M | 18,5 | 200 | 125 | 1108 | 613 | 547 | 350 | 400 | 200 | 200 | 240 | 1813 | 1500 | 175 | 575 | 680 | 640 | 4 | C.F. | 852 | 6 x Ø19 (M16) | | 703 | A125C |
| 125-285 | 180L | 22 | 200 | 125 | 1108 | 613 | 547 | 350 | 400 | 200 | 200 | 240 | 1813 | 1500 | 175 | 575 | 680 | 640 | 4 | C.F. | 852 | 6 x Ø19 (M16) | | 721 | A125C |
| 125-285 | 200L | 30 | 200 | 125 | 1108 | 613 | 547 | 350 | 400 | 200 | 200 | 240 | 1893 | 1550 | 175 | 600 | 680 | 640 | 4 | C.F. | 852 | 6 x Ø19 (M16) | | 780 | A125D |
| 125-300 | 160L | 15 | 200 | 125 | 1108 | 613 | 547 | 350 | 400 | 200 | 200 | 240 | 1716 | 1450 | 175 | 550 | 680 | 640 | 4 | C.F. | 852 | 6 x Ø19 (M16) | | 694 | A110K |
| 125-300 | 180M | 18,5 | 200 | 125 | 1108 | 613 | 547 | 350 | 400 | 200 | 200 | 240 | 1813 | 1500 | 175 | 575 | 680 | 640 | 4 | C.F. | 852 | 6 x Ø19 (M16) | | 702 | A125C |
| 125-300 | 180L | 22 | 200 | 125 | 1108 | 613 | 547 | 350 | 400 | 200 | 200 | 240 | 1813 | 1500 | 175 | 575 | 680 | 640 | 4 | C.F. | 852 | 6 x Ø19 (M16) | | 720 | A125C |
| 125-300 | 200L | 30 | 200 | 125 | 1108 | 613 | 547 | 350 | 400 | 200 | 200 | 240 | 1893 | 1550 | 175 | 600 | 680 | 640 | 4 | C.F. | 852 | 6 x Ø19 (M16) | | 779 | A125D |
| 125-300 | 225S | 37 | 200 | 125 | 1108 | 613 | 567 | 350 | 400 | 200 | 200 | 240 | 1953 | 1600 | 175 | 625 | 680 | 630 | 4 | C.F. | 890 | 6 x Ø19 (M16) | | 830 | A140B |
| 125-370 | 180L | 22 | 200 | 125 | 1108 | 613 | 547 | 400 | 450 | 200 | 200 | 240 | 1813 | 1500 | 175 | 575 | 680 | 640 | 4 | 77 | 887 | 6 x Ø19 (M16) | | 721 | A125C |
| 125-370 | 200L | 30 | 200 | 125 | 1108 | 613 | 547 | 400 | 450 | 200 | 200 | 240 | 1893 | 1550 | 175 | 600 | 680 | 640 | 4 | 77 | 887 | 6 x Ø19 (M16) | | 780 | A125D |
| 125-370 | 225S | 37 | 200 | 125 | 1108 | 613 | 567 | 400 | 450 | 200 | 200 | 240 | 1953 | 1600 | 175 | 625 | 680 | 630 | 4 | 77 | 907 | 6 x Ø19 (M16) | | 831 | A140B |
| 125-370 | 225M | 45 | 200 | 125 | 1108 | 613 | 567 | 400 | 450 | 200 | 200 | 240 | 1953 | 1600 | 175 | 625 | 680 | 630 | 4 | 77 | 907 | 6 x Ø19 (M16) | | 862 | A140B |
| 125-370 | 250M | 55 | 200 | 125 | 1108 | 613 | 567 | 400 | 450 | 200 | 200 | 240 | 2019 | 1700 | 175 | 675 | 730 | 680 | 4 | 77 | 944 | 6 x Ø19 (M16) | | 1006 | A160B |
| 125-370 | 280S | 75 | 200 | 125 | 1108 | 613 | 587 | 400 | 450 | 200 | 200 | 240 | 2069 | 1750 | 175 | 700 | 830 | 780 | 4 | 77 | 1000 | 6 x Ø26 (M20) | | 1219 | A180E |
| 125-390 | 225S | 37 | 200 | 125 | 1108 | 613 | 567 | 400 | 450 | 200 | 200 | 240 | 1953 | 1600 | 175 | 625 | 680 | 630 | 4 | 77 | 907 | 6 x Ø19 (M16) | | 830 | A140B |
| 125-390 | 225M | 45 | 200 | 125 | 1108 | 613 | 567 | 400 | 450 | 200 | 200 | 240 | 1953 | 1600 | 175 | 625 | 680 | 630 | 4 | 77 | 907 | 6 x Ø19 (M16) | | 861 | A140B |
| 125-390 | 250M | 55 | 200 | 125 | 1108 | 613 | 567 | 400 | 450 | 200 | 200 | 240 | 2019 | 1700 | 175 | 675 | 730 | 680 | 4 | 77 | 944 | 6 x Ø19 (M16) | | 1005 | A160B |
| 125-390 | 280S | 75 | 200 | 125 | 1108 | 613 | 587 | 400 | 450 | 200 | 200 | 240 | 2069 | 1750 | 175 | 700 | 830 | 780 | 4 | 77 | 1000 | 6 x Ø26 (M20) | | 1218 | A180E |
| 125-390 | 280M | 90 | 200 | 125 | 1108 | 613 | 587 | 400 | 450 | 200 | 200 | 240 | 2124 | 1750 | 175 | 700 | 830 | 780 | 4 | 77 | 1000 | 6 x Ø26 (M20) | | 1350 | A180E |

NOTE: Pumps with flanges according to EN1092-2 PN16/PN25/PN40 and ASME/ANSI B16.1 #125/#250 and B16.5 #150/#300 as standard Flat Face.

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Flange drilling dimensions and additional Pump dimsions are in separate sections.

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# e-XC SERIES
# DIMENSIONS AND WEIGHTS PBCM AT 50 Hz, 4 POLES

| PUMP TYPE eXC SIZE | IEC MOTOR FRAME | 1500 [rpm] | DIMENSIONS [mm] | | | | | | | | | | | | | | | | | | | | | WEIGHT | COUPLING TYPE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | [kW] | DNS | DND | CP | W | H | X | YY | S | Z | c | L | L1 | L2 | L3 | B1 | B2 | DBSE | MRC | H max. | z x s FOR SCREWS | | [kg] | |
| 125-450 | 200L | 30 | 200 | 125 | 1108 | 613 | 547 | 450 | 500 | 200 | 200 | 290 | 1893 | 1600 | 175 | 625 | 730 | 690 | 4 | 77 | 927 | 6 x Ø19 (M16) | | 830 | A125D |
| 125-450 | 225S | 37 | 200 | 125 | 1108 | 613 | 567 | 450 | 500 | 200 | 200 | 290 | 1953 | 1650 | 175 | 650 | 730 | 680 | 4 | 77 | 947 | 6 x Ø19 (M16) | | 881 | A140B |
| 125-450 | 225M | 45 | 200 | 125 | 1108 | 613 | 567 | 450 | 500 | 200 | 200 | 290 | 1953 | 1650 | 175 | 650 | 730 | 680 | 4 | 77 | 947 | 6 x Ø19 (M16) | | 912 | A140B |
| 125-450 | 250M | 55 | 200 | 125 | 1108 | 613 | 567 | 450 | 500 | 200 | 200 | 290 | 2019 | 1750 | 175 | 700 | 730 | 680 | 4 | 77 | 947 | 6 x Ø19 (M16) | | 1056 | A160B |
| 125-450 | 280S | 75 | 200 | 125 | 1108 | 613 | 587 | 450 | 500 | 200 | 200 | 290 | 2069 | 1800 | 175 | 725 | 830 | 780 | 4 | 77 | 1000 | 6 x Ø26 (M20) | | 1269 | A180E |
| 125-450 | 280M | 90 | 200 | 125 | 1108 | 613 | 587 | 450 | 500 | 200 | 200 | 290 | 2124 | 1800 | 175 | 725 | 830 | 780 | 4 | 77 | 1000 | 6 x Ø26 (M20) | | 1401 | A180E |
| 125-475 | 225S | 37 | 200 | 125 | 1108 | 613 | 567 | 450 | 500 | 200 | 200 | 290 | 1953 | 1650 | 175 | 650 | 730 | 680 | 4 | 77 | 947 | 6 x Ø19 (M16) | | 881 | A140B |
| 125-475 | 225M | 45 | 200 | 125 | 1108 | 613 | 567 | 450 | 500 | 200 | 200 | 290 | 1953 | 1650 | 175 | 650 | 730 | 680 | 4 | 77 | 947 | 6 x Ø19 (M16) | | 912 | A140B |
| 125-475 | 250M | 55 | 200 | 125 | 1108 | 613 | 567 | 450 | 500 | 200 | 200 | 290 | 2019 | 1750 | 175 | 700 | 730 | 680 | 4 | 77 | 947 | 6 x Ø19 (M16) | | 1056 | A160B |
| 125-475 | 280S | 75 | 200 | 125 | 1108 | 613 | 587 | 450 | 500 | 200 | 200 | 290 | 2069 | 1800 | 175 | 725 | 830 | 780 | 4 | 77 | 1000 | 6 x Ø26 (M20) | | 1269 | A180E |
| 125-475 | 280M | 90 | 200 | 125 | 1108 | 613 | 587 | 450 | 500 | 200 | 200 | 290 | 2124 | 1800 | 175 | 725 | 830 | 780 | 4 | 77 | 1000 | 6 x Ø26 (M20) | | 1401 | A180E |
| 125-475 | 315S | 110 | 200 | 125 | 1108 | 613 | 607 | 450 | 500 | 200 | 200 | 290 | 2268 | 2050 | 200 | 825 | 910 | 860 | 4 | 77 | 1164 | 6 x Ø26 (M20) | | 1618 | A180F |
| 125-475 | 315M | 132 | 200 | 125 | 1108 | 613 | 607 | 450 | 500 | 200 | 200 | 290 | 2268 | 2050 | 200 | 825 | 910 | 860 | 4 | 77 | 1132 | 6 x Ø26 (M20) | | 1712 | A180F |
| 150-160 | 100L | 2,2 | 200 | 150 | 996 | 543 | 507 | 400 | 400 | 160 | 160 | 240 | 1425 | 1150 | 150 | 425 | 680 | 640 | 4 | 77 | 782 | 6 x Ø19 (M16) | | 477 | A110C |
| 150-160 | 100L | 3 | 200 | 150 | 996 | 543 | 507 | 400 | 400 | 160 | 160 | 240 | 1425 | 1150 | 150 | 425 | 680 | 640 | 4 | 77 | 782 | 6 x Ø19 (M16) | | 476 | A110C |
| 150-160 | 112M | 4 | 200 | 150 | 996 | 543 | 507 | 400 | 400 | 160 | 160 | 240 | 1458 | 1150 | 150 | 425 | 680 | 640 | 4 | 77 | 782 | 6 x Ø19 (M16) | | 494 | A110C |
| 150-160 | 132S | 5,5 | 200 | 150 | 996 | 543 | 507 | 400 | 400 | 160 | 160 | 240 | 1485 | 1250 | 150 | 475 | 680 | 640 | 4 | 77 | 782 | 6 x Ø19 (M16) | | 500 | A110D |
| 150-170 | 100L | 3 | 200 | 150 | 996 | 543 | 507 | 400 | 400 | 160 | 160 | 240 | 1425 | 1150 | 150 | 425 | 680 | 640 | 4 | 77 | 782 | 6 x Ø19 (M16) | | 476 | A110C |
| 150-170 | 112M | 4 | 200 | 150 | 996 | 543 | 507 | 400 | 400 | 160 | 160 | 240 | 1458 | 1150 | 150 | 425 | 680 | 640 | 4 | 77 | 782 | 6 x Ø19 (M16) | | 494 | A110C |
| 150-170 | 132S | 5,5 | 200 | 150 | 996 | 543 | 507 | 400 | 400 | 160 | 160 | 240 | 1485 | 1250 | 150 | 475 | 680 | 640 | 4 | 77 | 782 | 6 x Ø19 (M16) | | 500 | A110D |
| 150-285 | 180M | 18,5 | 200 | 150 | 1178 | 648 | 577 | 400 | 450 | 230 | 230 | 240 | 1883 | 1500 | 175 | 575 | 680 | 640 | 4 | 77 | 897 | 6 x Ø19 (M16) | | 742 | A125C |
| 150-285 | 180L | 22 | 200 | 150 | 1178 | 648 | 577 | 400 | 450 | 230 | 230 | 240 | 1883 | 1500 | 175 | 575 | 680 | 640 | 4 | 77 | 897 | 6 x Ø19 (M16) | | 760 | A125C |
| 150-285 | 200L | 30 | 200 | 150 | 1178 | 648 | 577 | 400 | 450 | 230 | 230 | 240 | 1963 | 1550 | 175 | 600 | 680 | 640 | 4 | 77 | 897 | 6 x Ø19 (M16) | | 819 | A125D |
| 150-285 | 225S | 37 | 200 | 150 | 1178 | 648 | 597 | 400 | 450 | 230 | 230 | 240 | 2023 | 1650 | 175 | 650 | 680 | 630 | 4 | 77 | 920 | 6 x Ø19 (M16) | | 870 | A140B |
| 150-300 | 180M | 18,5 | 200 | 150 | 1178 | 648 | 577 | 400 | 450 | 230 | 230 | 240 | 1883 | 1500 | 175 | 575 | 680 | 640 | 4 | 77 | 897 | 6 x Ø19 (M16) | | 742 | A125C |
| 150-300 | 180L | 22 | 200 | 150 | 1178 | 648 | 577 | 400 | 450 | 230 | 230 | 240 | 1883 | 1500 | 175 | 575 | 680 | 640 | 4 | 77 | 897 | 6 x Ø19 (M16) | | 760 | A125C |
| 150-300 | 200L | 30 | 200 | 150 | 1178 | 648 | 577 | 400 | 450 | 230 | 230 | 240 | 1963 | 1550 | 175 | 600 | 680 | 640 | 4 | 77 | 897 | 6 x Ø19 (M16) | | 819 | A125D |
| 150-300 | 225S | 37 | 200 | 150 | 1178 | 648 | 597 | 400 | 450 | 230 | 230 | 240 | 2023 | 1650 | 175 | 650 | 680 | 630 | 4 | 77 | 920 | 6 x Ø19 (M16) | | 870 | A140B |
| 150-300 | 225M | 45 | 200 | 150 | 1178 | 648 | 597 | 400 | 450 | 230 | 230 | 240 | 2023 | 1650 | 175 | 650 | 680 | 630 | 4 | 77 | 920 | 6 x Ø19 (M16) | | 901 | A140B |
| 150-340 | 160L | 15 | 200 | 150 | 1178 | 648 | 577 | 400 | 450 | 230 | 230 | 240 | 1786 | 1500 | 175 | 575 | 680 | 640 | 4 | 77 | 922 | 6 x Ø19 (M16) | | 745 | A110K |
| 150-340 | 180M | 18,5 | 200 | 150 | 1178 | 648 | 577 | 400 | 450 | 230 | 230 | 240 | 1883 | 1500 | 175 | 575 | 680 | 640 | 4 | 77 | 922 | 6 x Ø19 (M16) | | 753 | A125C |
| 150-340 | 180L | 22 | 200 | 150 | 1178 | 648 | 577 | 400 | 450 | 230 | 230 | 240 | 1883 | 1500 | 175 | 575 | 680 | 640 | 4 | 77 | 922 | 6 x Ø19 (M16) | | 771 | A125C |
| 150-340 | 200L | 30 | 200 | 150 | 1178 | 648 | 577 | 400 | 450 | 230 | 230 | 240 | 1963 | 1550 | 175 | 600 | 680 | 640 | 4 | 77 | 922 | 6 x Ø19 (M16) | | 830 | A125D |
| 150-340 | 225S | 37 | 200 | 150 | 1178 | 648 | 597 | 400 | 450 | 230 | 230 | 240 | 2023 | 1650 | 175 | 650 | 680 | 630 | 4 | 77 | 942 | 6 x Ø19 (M16) | | 881 | A140B |
| 150-340 | 225M | 45 | 200 | 150 | 1178 | 648 | 597 | 400 | 450 | 230 | 230 | 240 | 2023 | 1650 | 175 | 650 | 680 | 630 | 4 | 77 | 942 | 6 x Ø19 (M16) | | 912 | A140B |
| 150-340 | 250M | 55 | 200 | 150 | 1178 | 648 | 597 | 400 | 450 | 230 | 230 | 240 | 2089 | 1750 | 175 | 700 | 730 | 680 | 4 | 77 | 974 | 6 x Ø19 (M16) | | 1056 | A160B |
| 150-355 | 225S | 37 | 200 | 150 | 1178 | 648 | 597 | 400 | 450 | 230 | 230 | 240 | 2023 | 1650 | 175 | 650 | 680 | 630 | 4 | 77 | 942 | 6 x Ø19 (M16) | | 880 | A140B |
| 150-355 | 225M | 45 | 200 | 150 | 1178 | 648 | 597 | 400 | 450 | 230 | 230 | 240 | 2023 | 1650 | 175 | 650 | 680 | 630 | 4 | 77 | 942 | 6 x Ø19 (M16) | | 911 | A140B |
| 150-355 | 250M | 55 | 200 | 150 | 1178 | 648 | 597 | 400 | 450 | 230 | 230 | 240 | 2089 | 1750 | 175 | 700 | 730 | 680 | 4 | 77 | 974 | 6 x Ø19 (M16) | | 1055 | A160B |
| 150-355 | 280S | 75 | 200 | 150 | 1178 | 648 | 617 | 400 | 450 | 230 | 230 | 240 | 2139 | 1800 | 175 | 725 | 830 | 780 | 4 | 77 | 1030 | 6 x Ø26 (M20) | | 1268 | A180E |
| 150-435 | 225S | 37 | 200 | 150 | 1235 | 678 | 597 | 450 | 500 | 230 | 230 | 240 | 2080 | 1700 | 175 | 675 | 680 | 630 | 4 | 89 | 977 | 6 x Ø19 (M16) | | 961 | A140C |
| 150-435 | 225M | 45 | 200 | 150 | 1235 | 678 | 597 | 450 | 500 | 230 | 230 | 240 | 2080 | 1700 | 175 | 675 | 680 | 630 | 4 | 89 | 977 | 6 x Ø19 (M16) | | 992 | A140C |
| 150-435 | 250M | 55 | 200 | 150 | 1235 | 678 | 597 | 450 | 500 | 230 | 230 | 240 | 2146 | 1750 | 175 | 700 | 730 | 680 | 4 | 89 | 977 | 6 x Ø19 (M16) | | 1136 | A160C |
| 150-435 | 280S | 75 | 200 | 150 | 1235 | 678 | 617 | 450 | 500 | 230 | 230 | 240 | 2196 | 1850 | 200 | 725 | 830 | 780 | 4 | 89 | 1030 | 6 x Ø26 (M20) | | 1370 | A180H |
| 150-435 | 280M | 90 | 200 | 150 | 1235 | 678 | 617 | 450 | 500 | 230 | 230 | 240 | 2251 | 1850 | 200 | 725 | 830 | 780 | 4 | 89 | 1030 | 6 x Ø26 (M20) | | 1502 | A180H |
| 150-435 | 315S | 110 | 200 | 150 | 1235 | 678 | 637 | 450 | 500 | 230 | 230 | 240 | 2395 | 2050 | 200 | 825 | 910 | 860 | 4 | 89 | 1194 | 6 x Ø26 (M20) | | 1792 | A180J |
| 150-435 | 315M | 132 | 200 | 150 | 1235 | 678 | 637 | 450 | 500 | 230 | 230 | 240 | 2395 | 2050 | 200 | 825 | 910 | 860 | 4 | 89 | 1162 | 6 x Ø26 (M20) | | 1886 | A180J |
| 150-455 | 250M | 55 | 200 | 150 | 1235 | 678 | 597 | 450 | 500 | 230 | 230 | 240 | 2146 | 1750 | 175 | 700 | 730 | 680 | 4 | 89 | 977 | 6 x Ø19 (M16) | | 1136 | A160C |
| 150-455 | 280S | 75 | 200 | 150 | 1235 | 678 | 617 | 450 | 500 | 230 | 230 | 240 | 2196 | 1850 | 200 | 725 | 830 | 780 | 4 | 89 | 1030 | 6 x Ø26 (M20) | | 1370 | A180H |
| 150-455 | 280M | 90 | 200 | 150 | 1235 | 678 | 617 | 450 | 500 | 230 | 230 | 240 | 2251 | 1850 | 200 | 725 | 830 | 780 | 4 | 89 | 1030 | 6 x Ø26 (M20) | | 1502 | A180H |
| 150-455 | 315S | 110 | 200 | 150 | 1235 | 678 | 637 | 450 | 500 | 230 | 230 | 240 | 2395 | 2050 | 200 | 825 | 910 | 860 | 4 | 89 | 1194 | 6 x Ø26 (M20) | | 1792 | A180J |
| 150-455 | 315M | 132 | 200 | 150 | 1235 | 678 | 637 | 450 | 500 | 230 | 230 | 240 | 2395 | 2050 | 200 | 825 | 910 | 860 | 4 | 89 | 1162 | 6 x Ø26 (M20) | | 1886 | A180J |

NOTE: Pumps with flanges according to EN1092-2 PN16/PN25/PN40 and ASME/ANSI B16.1 #125/#250 and B16.5 #150/#300 as standard Flat Face.

eXC_4p50_b_td 3

Flange drilling dimensions and additional Pump dimsions are in separate sections.

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# e-XC SERIES
# DIMENSIONS AND WEIGHTS PBCM AT 50 Hz, 4 POLES

| PUMP TYPE eXC SIZE | IEC MOTOR FRAME | 1500 [rpm] | DIMENSIONS [mm] | | | | | | | | | | | | | | | | | | | | WEIGHT | COUPLING TYPE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | [kW] | DNS | DND | CP | W | H | X | YY | S | Z | c | L | L1 | L2 | L3 | B1 | B2 | DBSE | MRC | H max. | z x s FOR SCREWS | [kg] | |
| 150-535 | 280M | 90 | 200 | 150 | 1335 | 743 | 687 | 500 | 600 | 300 | 300 | 320 | 2351 | 2000 | 200 | 800 | 910 | 860 | 4 | 89 | 1127 | 6 x Ø26 (M20) | 1883 | A180L |
| 150-535 | 315S | 110 | 200 | 150 | 1335 | 743 | 707 | 500 | 600 | 300 | 300 | 320 | 2495 | 2200 | 200 | 900 | 910 | 860 | 4 | 89 | 1264 | 6 x Ø26 (M20) | 2100 | A180M |
| 150-535 | 315M | 132 | 200 | 150 | 1335 | 743 | 707 | 500 | 600 | 300 | 300 | 320 | 2495 | 2200 | 200 | 900 | 910 | 860 | 4 | 89 | 1232 | 6 x Ø26 (M20) | 2194 | A180M |
| 150-535 | 315M | 160 | 200 | 150 | 1335 | 743 | 707 | 500 | 600 | 300 | 300 | 320 | 2495 | 2200 | 200 | 900 | 910 | 860 | 4 | 89 | 1232 | 6 x Ø26 (M20) | 2351 | A180M |
| 150-535 | 315M | 200 | 200 | 150 | 1335 | 743 | 707 | 500 | 600 | 300 | 300 | 320 | 2495 | 2200 | 200 | 900 | 910 | 860 | 4 | 89 | 1232 | 6 x Ø26 (M20) | 2633 | A200H |
| 150-535 | 315M | 250 | 200 | 150 | 1335 | 743 | 707 | 500 | 600 | 300 | 300 | 320 | 2495 | 2200 | 200 | 900 | 910 | 860 | 4 | 89 | 1232 | 6 x Ø26 (M20) | 2417 | A200H |
| 150-560 | 315M | 132 | 200 | 150 | 1335 | 743 | 707 | 500 | 600 | 300 | 300 | 320 | 2495 | 2200 | 200 | 900 | 910 | 860 | 4 | 89 | 1232 | 6 x Ø26 (M20) | 2192 | A180M |
| 150-560 | 315M | 160 | 200 | 150 | 1335 | 743 | 707 | 500 | 600 | 300 | 300 | 320 | 2495 | 2200 | 200 | 900 | 910 | 860 | 4 | 89 | 1232 | 6 x Ø26 (M20) | 2349 | A180M |
| 150-560 | 315M | 200 | 200 | 150 | 1335 | 743 | 707 | 500 | 600 | 300 | 300 | 320 | 2495 | 2200 | 200 | 900 | 910 | 860 | 4 | 89 | 1232 | 6 x Ø26 (M20) | 2631 | A200H |
| 150-560 | 315M | 250 | 200 | 150 | 1335 | 743 | 707 | 500 | 600 | 300 | 300 | 320 | 2495 | 2200 | 200 | 900 | 910 | 860 | 4 | 89 | 1232 | 6 x Ø26 (M20) | 2415 | A200H |
| 150-560 | 355M | 315 | 200 | 150 | 1335 | 743 | 747 | 500 | 600 | 300 | 300 | 320 | 2806 | 2350 | 225 | 950 | 1030 | 960 | 6 | 89 | 1337 | 6 x Ø29 (M24) | 2689 | A250D |
| 200-190 | 112M | 4 | 200 | 200 | 1056 | 573 | 567 | 400 | 450 | 200 | 200 | 240 | 1518 | 1200 | 150 | 450 | 680 | 630 | 4 | 77 | 872 | 6 x Ø19 (M16) | 609 | A110C |
| 200-190 | 132S | 5,5 | 200 | 200 | 1056 | 573 | 567 | 400 | 450 | 200 | 200 | 240 | 1545 | 1300 | 150 | 500 | 680 | 630 | 4 | 77 | 872 | 6 x Ø19 (M16) | 615 | A110D |
| 200-190 | 132M | 7,5 | 200 | 200 | 1056 | 573 | 567 | 400 | 450 | 200 | 200 | 240 | 1545 | 1300 | 150 | 500 | 680 | 630 | 4 | 77 | 872 | 6 x Ø19 (M16) | 617 | A110D |
| 200-200 | 132S | 5,5 | 200 | 200 | 1056 | 573 | 567 | 400 | 450 | 200 | 200 | 240 | 1545 | 1300 | 150 | 500 | 680 | 630 | 4 | 77 | 872 | 6 x Ø19 (M16) | 615 | A110D |
| 200-200 | 132M | 7,5 | 200 | 200 | 1056 | 573 | 567 | 400 | 450 | 200 | 200 | 240 | 1545 | 1300 | 150 | 500 | 680 | 630 | 4 | 77 | 872 | 6 x Ø19 (M16) | 617 | A110D |
| 200-200 | 160M | 11 | 200 | 200 | 1056 | 573 | 567 | 400 | 450 | 200 | 200 | 240 | 1664 | 1400 | 175 | 525 | 680 | 630 | 4 | 77 | 872 | 6 x Ø19 (M16) | 675 | A110E |
| 200-235 | 160M | 11 | 250 | 200 | 1178 | 648 | 627 | 400 | 500 | 230 | 230 | 290 | 1786 | 1550 | 175 | 600 | 730 | 680 | 4 | 77 | 977 | 6 x Ø19 (M16) | 920 | A110K |
| 200-235 | 160L | 15 | 250 | 200 | 1178 | 648 | 627 | 400 | 500 | 230 | 230 | 290 | 1786 | 1550 | 175 | 600 | 730 | 680 | 4 | 77 | 977 | 6 x Ø19 (M16) | 924 | A110K |
| 200-235 | 180M | 18,5 | 250 | 200 | 1178 | 648 | 627 | 400 | 500 | 230 | 230 | 290 | 1883 | 1550 | 175 | 600 | 730 | 680 | 4 | 77 | 977 | 6 x Ø19 (M16) | 932 | A125C |
| 200-250 | 160L | 15 | 250 | 200 | 1178 | 648 | 627 | 400 | 500 | 230 | 230 | 290 | 1786 | 1550 | 175 | 600 | 730 | 680 | 4 | 77 | 977 | 6 x Ø19 (M16) | 924 | A110K |
| 200-250 | 180M | 18,5 | 250 | 200 | 1178 | 648 | 627 | 400 | 500 | 230 | 230 | 290 | 1883 | 1550 | 175 | 600 | 730 | 680 | 4 | 77 | 977 | 6 x Ø19 (M16) | 932 | A125C |
| 200-250 | 180L | 22 | 250 | 200 | 1178 | 648 | 627 | 400 | 500 | 230 | 230 | 290 | 1883 | 1550 | 175 | 600 | 730 | 680 | 4 | 77 | 977 | 6 x Ø19 (M16) | 950 | A125C |
| 200-250 | 200L | 30 | 250 | 200 | 1178 | 648 | 627 | 400 | 500 | 230 | 230 | 290 | 1963 | 1600 | 175 | 625 | 730 | 680 | 4 | 77 | 977 | 6 x Ø19 (M16) | 1009 | A125D |
| 200-330 | 225S | 37 | 250 | 200 | 1235 | 678 | 667 | 400 | 500 | 270 | 270 | 290 | 2080 | 1750 | 175 | 700 | 730 | 680 | 4 | 89 | 1027 | 6 x Ø19 (M16) | 1011 | A140C |
| 200-330 | 225M | 45 | 250 | 200 | 1235 | 678 | 667 | 400 | 500 | 270 | 270 | 290 | 2080 | 1750 | 175 | 700 | 730 | 680 | 4 | 89 | 1027 | 6 x Ø19 (M16) | 1042 | A140C |
| 200-330 | 250M | 55 | 250 | 200 | 1235 | 678 | 667 | 400 | 500 | 270 | 270 | 290 | 2146 | 1800 | 175 | 725 | 730 | 680 | 4 | 89 | 1044 | 6 x Ø19 (M16) | 1186 | A160C |
| 200-330 | 280S | 75 | 250 | 200 | 1235 | 678 | 687 | 400 | 500 | 270 | 270 | 290 | 2196 | 1900 | 200 | 750 | 830 | 780 | 4 | 89 | 1100 | 6 x Ø26 (M20) | 1399 | A180H |
| 200-345 | 225S | 37 | 250 | 200 | 1235 | 678 | 667 | 400 | 500 | 270 | 270 | 290 | 2080 | 1750 | 175 | 700 | 730 | 680 | 4 | 89 | 1027 | 6 x Ø19 (M16) | 1010 | A140C |
| 200-345 | 225M | 45 | 250 | 200 | 1235 | 678 | 667 | 400 | 500 | 270 | 270 | 290 | 2080 | 1750 | 175 | 700 | 730 | 680 | 4 | 89 | 1027 | 6 x Ø19 (M16) | 1041 | A140C |
| 200-345 | 250M | 55 | 250 | 200 | 1235 | 678 | 667 | 400 | 500 | 270 | 270 | 290 | 2146 | 1800 | 175 | 725 | 730 | 680 | 4 | 89 | 1044 | 6 x Ø19 (M16) | 1185 | A160C |
| 200-345 | 280S | 75 | 250 | 200 | 1235 | 678 | 687 | 400 | 500 | 270 | 270 | 290 | 2196 | 1900 | 200 | 750 | 830 | 780 | 4 | 89 | 1100 | 6 x Ø26 (M20) | 1398 | A180H |
| 200-345 | 280M | 90 | 250 | 200 | 1235 | 678 | 687 | 400 | 500 | 270 | 270 | 290 | 2251 | 1900 | 200 | 750 | 830 | 780 | 4 | 89 | 1100 | 6 x Ø26 (M20) | 1530 | A180H |
| 200-405 | 225S | 37 | 250 | 200 | 1345 | 733 | 667 | 500 | 550 | 270 | 270 | 290 | 2190 | 1800 | 175 | 725 | 730 | 680 | 4 | 89 | 1062 | 6 x Ø19 (M16) | 1183 | A140C |
| 200-405 | 225M | 45 | 250 | 200 | 1345 | 733 | 667 | 500 | 550 | 270 | 270 | 290 | 2190 | 1800 | 175 | 725 | 730 | 680 | 4 | 89 | 1062 | 6 x Ø19 (M16) | 1214 | A140C |
| 200-405 | 250M | 55 | 250 | 200 | 1345 | 733 | 667 | 500 | 550 | 270 | 270 | 290 | 2256 | 1850 | 200 | 725 | 730 | 680 | 4 | 89 | 1062 | 6 x Ø19 (M16) | 1358 | A160C |
| 200-405 | 280S | 75 | 250 | 200 | 1345 | 733 | 687 | 500 | 550 | 270 | 270 | 290 | 2306 | 1950 | 200 | 775 | 830 | 780 | 4 | 89 | 1100 | 6 x Ø26 (M20) | 1571 | A180H |
| 200-405 | 280M | 90 | 250 | 200 | 1345 | 733 | 687 | 500 | 550 | 270 | 270 | 290 | 2361 | 1950 | 200 | 775 | 830 | 780 | 4 | 89 | 1100 | 6 x Ø26 (M20) | 1703 | A180H |
| 200-405 | 315S | 110 | 250 | 200 | 1345 | 733 | 707 | 500 | 550 | 270 | 270 | 290 | 2505 | 2200 | 200 | 900 | 910 | 860 | 4 | 89 | 1264 | 6 x Ø26 (M20) | 2001 | A180J |
| 200-405 | 315M | 132 | 250 | 200 | 1345 | 733 | 707 | 500 | 550 | 270 | 270 | 290 | 2505 | 2200 | 200 | 900 | 910 | 860 | 4 | 89 | 1232 | 6 x Ø26 (M20) | 2095 | A180J |
| 200-425 | 280S | 75 | 250 | 200 | 1345 | 733 | 687 | 500 | 550 | 270 | 270 | 290 | 2306 | 1950 | 200 | 775 | 830 | 780 | 4 | 89 | 1100 | 6 x Ø26 (M20) | 1569 | A180H |
| 200-425 | 280M | 90 | 250 | 200 | 1345 | 733 | 687 | 500 | 550 | 270 | 270 | 290 | 2361 | 1950 | 200 | 775 | 830 | 780 | 4 | 89 | 1100 | 6 x Ø26 (M20) | 1701 | A180H |
| 200-425 | 315S | 110 | 250 | 200 | 1345 | 733 | 707 | 500 | 550 | 270 | 270 | 290 | 2505 | 2200 | 200 | 900 | 910 | 860 | 4 | 89 | 1264 | 6 x Ø26 (M20) | 1999 | A180J |
| 200-425 | 315M | 132 | 250 | 200 | 1345 | 733 | 707 | 500 | 550 | 270 | 270 | 290 | 2505 | 2200 | 200 | 900 | 910 | 860 | 4 | 89 | 1232 | 6 x Ø26 (M20) | 2093 | A180J |
| 200-425 | 315M | 160 | 250 | 200 | 1345 | 733 | 707 | 500 | 550 | 270 | 270 | 290 | 2505 | 2200 | 200 | 900 | 910 | 860 | 4 | 89 | 1232 | 6 x Ø26 (M20) | 2250 | A180J |
| 200-505 | 315S | 110 | 250 | 200 | 1335 | 743 | 737 | 500 | 550 | 300 | 300 | 320 | 2495 | 2200 | 200 | 900 | 910 | 860 | 4 | 89 | 1294 | 6 x Ø26 (M20) | 2183 | A180M |
| 200-505 | 315M | 132 | 250 | 200 | 1335 | 743 | 737 | 500 | 550 | 300 | 300 | 320 | 2495 | 2200 | 200 | 900 | 910 | 860 | 4 | 89 | 1262 | 6 x Ø26 (M20) | 2277 | A180M |
| 200-505 | 315M | 160 | 250 | 200 | 1335 | 743 | 737 | 500 | 550 | 300 | 300 | 320 | 2495 | 2200 | 200 | 900 | 910 | 860 | 4 | 89 | 1262 | 6 x Ø26 (M20) | 2434 | A180M |
| 200-505 | 315M | 200 | 250 | 200 | 1335 | 743 | 737 | 500 | 550 | 300 | 300 | 320 | 2495 | 2200 | 200 | 900 | 910 | 860 | 4 | 89 | 1262 | 6 x Ø26 (M20) | 2716 | A200H |
| 200-505 | 315M | 250 | 250 | 200 | 1335 | 743 | 737 | 500 | 550 | 300 | 300 | 320 | 2495 | 2200 | 200 | 900 | 910 | 860 | 4 | 89 | 1262 | 6 x Ø26 (M20) | 2500 | A200H |

NOTE: Pumps with flanges according to EN1092-2 PN16/PN25/PN40 and ASME/ANSI B16.1 #125/#250 and B16.5 #150/#300 as standard Flat Face.

eXC_4p50_b_td 4

Flange drilling dimensions and additional Pump dimsions are in separate sections.

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# e-XC SERIES
# DIMENSIONS AND WEIGHTS PBCM AT 50 Hz, 4 POLES

| PUMP TYPE eXC SIZE | IEC MOTOR FRAME | 1500 [rpm] | DIMENSIONS [mm] | | | | | | | | | | | | | | | | | | | | | WEIGHT | COUPLING TYPE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | [kW] | DNS | DND | CP | W | H | X | YY | S | Z | c | L | L1 | L2 | L3 | B1 | B2 | DBSE | MRC | H max. | z x s FOR SCREWS | | [kg] | |
| 200-530 | 280M | 90 | 250 | 200 | 1335 | 743 | 717 | 500 | 550 | 300 | 300 | 320 | 2351 | 2000 | 200 | 800 | 910 | 860 | 4 | 89 | 1157 | 6 x Ø26 (M20) | | 1963 | A180L |
| 200-530 | 315S | 110 | 250 | 200 | 1335 | 743 | 737 | 500 | 550 | 300 | 300 | 320 | 2495 | 2200 | 200 | 900 | 910 | 860 | 4 | 89 | 1294 | 6 x Ø26 (M20) | | 2180 | A180M |
| 200-530 | 315M | 132 | 250 | 200 | 1335 | 743 | 737 | 500 | 550 | 300 | 300 | 320 | 2495 | 2200 | 200 | 900 | 910 | 860 | 4 | 89 | 1262 | 6 x Ø26 (M20) | | 2274 | A180M |
| 200-530 | 315M | 160 | 250 | 200 | 1335 | 743 | 737 | 500 | 550 | 300 | 300 | 320 | 2495 | 2200 | 200 | 900 | 910 | 860 | 4 | 89 | 1262 | 6 x Ø26 (M20) | | 2431 | A180M |
| 200-530 | 315M | 200 | 250 | 200 | 1335 | 743 | 737 | 500 | 550 | 300 | 300 | 320 | 2495 | 2200 | 200 | 900 | 910 | 860 | 4 | 89 | 1262 | 6 x Ø26 (M20) | | 2713 | A200H |
| 200-530 | 315M | 250 | 250 | 200 | 1335 | 743 | 737 | 500 | 550 | 300 | 300 | 320 | 2495 | 2200 | 200 | 900 | 910 | 860 | 4 | 89 | 1262 | 6 x Ø26 (M20) | | 2497 | A200H |
| 200-530 | 355M | 315 | 250 | 200 | 1335 | 743 | 777 | 500 | 550 | 300 | 300 | 320 | 2806 | 2350 | 225 | 950 | 1030 | 960 | 6 | 89 | 1367 | 6 x Ø29 (M24) | | 2771 | A250D |
| 200-530 | 355M | 355 | 250 | 200 | 1335 | 743 | 777 | 500 | 550 | 300 | 300 | 320 | 2806 | 2350 | 225 | 950 | 1030 | 960 | 6 | 89 | 1367 | 6 x Ø29 (M24) | | 2821 | A250D |
| 200-530 | 355LA | 400 | 250 | 200 | 1335 | 743 | 777 | 500 | 550 | 300 | 300 | 320 | 3018 | 2550 | 225 | 700 | 1030 | 960 | 6 | 89 | 1367 | 8 x Ø29 (M24) | | 3298 | A250D |
| 200-625 | 315M | 200 | 250 | 200 | 1343 | 748 | 807 | 600 | 650 | 350 | 350 | 320 | 2503 | 2200 | 200 | 900 | 910 | 860 | 4 | 102 | 1332 | 6 x Ø26 (M20) | | 3031 | A200K |
| 200-625 | 315M | 250 | 250 | 200 | 1343 | 748 | 807 | 600 | 650 | 350 | 350 | 320 | 2503 | 2200 | 200 | 900 | 910 | 860 | 4 | 102 | 1332 | 6 x Ø26 (M20) | | 2815 | A200K |
| 200-625 | 355M | 315 | 250 | 200 | 1343 | 748 | 847 | 600 | 650 | 350 | 350 | 320 | 2814 | 2350 | 225 | 950 | 1030 | 960 | 6 | 102 | 1437 | 6 x Ø29 (M24) | | 3089 | A250F |
| 200-625 | 355M | 355 | 250 | 200 | 1343 | 748 | 847 | 600 | 650 | 350 | 350 | 320 | 2814 | 2350 | 225 | 950 | 1030 | 960 | 6 | 102 | 1437 | 6 x Ø29 (M24) | | 3139 | A250F |
| 200-625 | 355LA | 400 | 250 | 200 | 1343 | 748 | 847 | 600 | 650 | 350 | 350 | 320 | 3026 | 2550 | 225 | 700 | 1030 | 960 | 6 | 102 | 1437 | 8 x Ø29 (M24) | | 3616 | A250F |
| 200-625 | 355LB | 450 | 250 | 200 | 1343 | 748 | 847 | 600 | 650 | 350 | 350 | 320 | 3026 | 2550 | 225 | 700 | 1030 | 960 | 6 | 102 | 1437 | 8 x Ø29 (M24) | | 3616 | A250F |
| 200-625 | 355LC | 500 | 250 | 200 | 1343 | 748 | 847 | 600 | 650 | 350 | 350 | 320 | 3026 | 2550 | 225 | 700 | 1030 | 960 | 6 | 102 | 1437 | 8 x Ø29 (M24) | | 3773 | A250F |
| 200-655 | 315M | 250 | 250 | 200 | 1343 | 748 | 807 | 600 | 650 | 350 | 350 | 320 | 2503 | 2200 | 200 | 900 | 910 | 860 | 4 | 102 | 1332 | 6 x Ø26 (M20) | | 2812 | A200K |
| 200-655 | 355M | 315 | 250 | 200 | 1343 | 748 | 847 | 600 | 650 | 350 | 350 | 320 | 2814 | 2350 | 225 | 950 | 1030 | 960 | 6 | 102 | 1437 | 6 x Ø29 (M24) | | 3086 | A250F |
| 200-655 | 355M | 355 | 250 | 200 | 1343 | 748 | 847 | 600 | 650 | 350 | 350 | 320 | 2814 | 2350 | 225 | 950 | 1030 | 960 | 6 | 102 | 1437 | 6 x Ø29 (M24) | | 3136 | A250F |
| 200-655 | 355LA | 400 | 250 | 200 | 1343 | 748 | 847 | 600 | 650 | 350 | 350 | 320 | 3026 | 2550 | 225 | 700 | 1030 | 960 | 6 | 102 | 1437 | 8 x Ø29 (M24) | | 3613 | A250F |
| 200-655 | 355LB | 450 | 250 | 200 | 1343 | 748 | 847 | 600 | 650 | 350 | 350 | 320 | 3026 | 2550 | 225 | 700 | 1030 | 960 | 6 | 102 | 1437 | 8 x Ø29 (M24) | | 3613 | A250F |
| 200-655 | 355LC | 500 | 250 | 200 | 1343 | 748 | 847 | 600 | 650 | 350 | 350 | 320 | 3026 | 2550 | 225 | 700 | 1030 | 960 | 6 | 102 | 1437 | 8 x Ø29 (M24) | | 3770 | A250F |
| 200-655 | 400JH | 560 | 250 | 200 | 1343 | 748 | 907 | 600 | 650 | 350 | 350 | 320 | 3389 | 2850 | 225 | 800 | 1160 | 1090 | 6 | 102 | 1526 | 8 x Ø29 (M24) | | 4679 | A280M |
| 250-190 | 132S | 5,5 | 250 | 250 | 1106 | 598 | 647 | 450 | 500 | 220 | 220 | 290 | 1595 | 1350 | 175 | 500 | 740 | 690 | 4 | 77 | 982 | 6 x Ø26 (M20) | | 680 | A110D |
| 250-190 | 132M | 7,5 | 250 | 250 | 1106 | 598 | 647 | 450 | 500 | 220 | 220 | 290 | 1595 | 1350 | 175 | 500 | 740 | 690 | 4 | 77 | 982 | 6 x Ø26 (M20) | | 682 | A110D |
| 250-190 | 160M | 11 | 250 | 250 | 1106 | 598 | 647 | 450 | 500 | 220 | 220 | 290 | 1714 | 1500 | 175 | 575 | 740 | 690 | 4 | 77 | 982 | 6 x Ø26 (M20) | | 740 | A110E |
| 250-200 | 132M | 7,5 | 250 | 250 | 1106 | 598 | 647 | 450 | 500 | 220 | 220 | 290 | 1595 | 1350 | 175 | 500 | 740 | 690 | 4 | 77 | 982 | 6 x Ø26 (M20) | | 682 | A110D |
| 250-200 | 160M | 11 | 250 | 250 | 1106 | 598 | 647 | 450 | 500 | 220 | 220 | 290 | 1714 | 1500 | 175 | 575 | 740 | 690 | 4 | 77 | 982 | 6 x Ø26 (M20) | | 740 | A110E |
| 250-200 | 160L | 15 | 250 | 250 | 1106 | 598 | 647 | 450 | 500 | 220 | 220 | 290 | 1714 | 1500 | 175 | 575 | 740 | 690 | 4 | 77 | 982 | 6 x Ø26 (M20) | | 744 | A110E |
| 250-370 | 280S | 75 | 300 | 250 | 1385 | 768 | 747 | 500 | 550 | 300 | 300 | 320 | 2346 | 2000 | 200 | 800 | 910 | 860 | 4 | 89 | 1160 | 6 x Ø26 (M20) | | 1721 | A180L |
| 250-370 | 280M | 90 | 300 | 250 | 1385 | 768 | 747 | 500 | 550 | 300 | 300 | 320 | 2401 | 2000 | 200 | 800 | 910 | 860 | 4 | 89 | 1160 | 6 x Ø26 (M20) | | 1853 | A180L |
| 250-370 | 315S | 110 | 300 | 250 | 1385 | 768 | 767 | 500 | 550 | 300 | 300 | 320 | 2545 | 2250 | 200 | 925 | 910 | 860 | 4 | 89 | 1324 | 6 x Ø26 (M20) | | 2070 | A180M |
| 250-370 | 315M | 132 | 300 | 250 | 1385 | 768 | 767 | 500 | 550 | 300 | 300 | 320 | 2545 | 2250 | 200 | 925 | 910 | 860 | 4 | 89 | 1292 | 6 x Ø26 (M20) | | 2164 | A180M |
| 250-390 | 280M | 90 | 300 | 250 | 1385 | 768 | 747 | 500 | 550 | 300 | 300 | 320 | 2401 | 2000 | 200 | 800 | 910 | 860 | 4 | 89 | 1160 | 6 x Ø26 (M20) | | 1851 | A180L |
| 250-390 | 315S | 110 | 300 | 250 | 1385 | 768 | 767 | 500 | 550 | 300 | 300 | 320 | 2545 | 2250 | 200 | 925 | 910 | 860 | 4 | 89 | 1324 | 6 x Ø26 (M20) | | 2068 | A180M |
| 250-390 | 315M | 132 | 300 | 250 | 1385 | 768 | 767 | 500 | 550 | 300 | 300 | 320 | 2545 | 2250 | 200 | 925 | 910 | 860 | 4 | 89 | 1292 | 6 x Ø26 (M20) | | 2162 | A180M |
| 250-390 | 315M | 160 | 300 | 250 | 1385 | 768 | 767 | 500 | 550 | 300 | 300 | 320 | 2545 | 2250 | 200 | 925 | 910 | 860 | 4 | 89 | 1292 | 6 x Ø26 (M20) | | 2319 | A180M |
| 250-455 | 315S | 110 | 300 | 250 | 1465 | 808 | 767 | 550 | 600 | 300 | 300 | 320 | 2625 | 2300 | 200 | 950 | 910 | 860 | 4 | 89 | 1324 | 6 x Ø26 (M20) | | 2213 | A180L |
| 250-455 | 315M | 132 | 300 | 250 | 1465 | 808 | 767 | 550 | 600 | 300 | 300 | 320 | 2625 | 2300 | 200 | 950 | 910 | 860 | 4 | 89 | 1292 | 6 x Ø26 (M20) | | 2307 | A180M |
| 250-455 | 315M | 160 | 300 | 250 | 1465 | 808 | 767 | 550 | 600 | 300 | 300 | 320 | 2625 | 2300 | 200 | 950 | 910 | 860 | 4 | 89 | 1292 | 6 x Ø26 (M20) | | 2464 | A180M |
| 250-455 | 315M | 200 | 300 | 250 | 1465 | 808 | 767 | 550 | 600 | 300 | 300 | 320 | 2625 | 2300 | 200 | 950 | 910 | 860 | 4 | 89 | 1292 | 6 x Ø26 (M20) | | 2746 | A200H |
| 250-455 | 315M | 250 | 300 | 250 | 1465 | 808 | 767 | 550 | 600 | 300 | 300 | 320 | 2625 | 2300 | 200 | 950 | 910 | 860 | 4 | 89 | 1292 | 6 x Ø26 (M20) | | 2530 | A200H |
| 250-480 | 315S | 110 | 300 | 250 | 1465 | 808 | 767 | 550 | 600 | 300 | 300 | 320 | 2625 | 2300 | 200 | 950 | 910 | 860 | 4 | 89 | 1324 | 6 x Ø26 (M20) | | 2210 | A180L |
| 250-480 | 315M | 132 | 300 | 250 | 1465 | 808 | 767 | 550 | 600 | 300 | 300 | 320 | 2625 | 2300 | 200 | 950 | 910 | 860 | 4 | 89 | 1292 | 6 x Ø26 (M20) | | 2304 | A180M |
| 250-480 | 315M | 160 | 300 | 250 | 1465 | 808 | 767 | 550 | 600 | 300 | 300 | 320 | 2625 | 2300 | 200 | 950 | 910 | 860 | 4 | 89 | 1292 | 6 x Ø26 (M20) | | 2461 | A180M |
| 250-480 | 315M | 200 | 300 | 250 | 1465 | 808 | 767 | 550 | 600 | 300 | 300 | 320 | 2625 | 2300 | 200 | 950 | 910 | 860 | 4 | 89 | 1292 | 6 x Ø26 (M20) | | 2743 | A200H |
| 250-480 | 315M | 250 | 300 | 250 | 1465 | 808 | 767 | 550 | 600 | 300 | 300 | 320 | 2625 | 2300 | 200 | 950 | 910 | 860 | 4 | 89 | 1292 | 6 x Ø26 (M20) | | 2527 | A200H |
| 250-480 | 355M | 315 | 300 | 250 | 1465 | 808 | 807 | 550 | 600 | 300 | 300 | 320 | 2936 | 2400 | 225 | 975 | 1030 | 960 | 6 | 89 | 1397 | 6 x Ø29 (M24) | | 2801 | A250D |
| 250-580 | 315M | 250 | 300 | 250 | 1493 | 838 | 817 | 550 | 650 | 350 | 350 | 320 | 2653 | 2300 | 200 | 950 | 910 | 860 | 4 | 102 | 1342 | 6 x Ø26 (M20) | | 2883 | A200W |
| 250-580 | 355M | 315 | 300 | 250 | 1493 | 838 | 857 | 550 | 650 | 350 | 350 | 320 | 2964 | 2450 | 225 | 1000 | 1030 | 960 | 6 | 102 | 1447 | 6 x Ø29 (M24) | | 3157 | A250H |
| 250-580 | 355M | 355 | 300 | 250 | 1493 | 838 | 857 | 550 | 650 | 350 | 350 | 320 | 2964 | 2450 | 225 | 1000 | 1030 | 960 | 6 | 102 | 1447 | 6 x Ø29 (M24) | | 3207 | A250H |
| 250-580 | 355LA | 400 | 300 | 250 | 1493 | 838 | 857 | 550 | 650 | 350 | 350 | 320 | 3176 | 2650 | 275 | 700 | 1030 | 960 | 6 | 102 | 1447 | 8 x Ø29 (M24) | | 3684 | A250H |
| 250-580 | 355LB | 450 | 300 | 250 | 1493 | 838 | 857 | 550 | 650 | 350 | 350 | 320 | 3176 | 2650 | 275 | 700 | 1030 | 960 | 6 | 102 | 1447 | 8 x Ø29 (M24) | | 3684 | A250H |
| 250-580 | 355LC | 500 | 300 | 250 | 1493 | 838 | 857 | 550 | 650 | 350 | 350 | 320 | 3176 | 2650 | 275 | 700 | 1030 | 960 | 6 | 102 | 1447 | 8 x Ø29 (M24) | | 3841 | A250H |
| 250-580 | 400JH | 560 | 300 | 250 | 1493 | 838 | 917 | 550 | 650 | 350 | 350 | 320 | 3539 | 2950 | 275 | 800 | 1160 | 1090 | 6 | 102 | 1536 | 8 x Ø29 (M24) | | 4750 | A280R |

NOTE: Pumps with flanges according to EN1092-2 PN16/PN25/PN40 and ASME/ANSI B16.1 #125/#250 and B16.5 #150/#300 as standard Flat Face.

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Flange drilling dimensions and additional Pump dimsions are in separate sections.

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# e-XC SERIES
# DIMENSIONS AND WEIGHTS PBCM AT 50 Hz, 4 POLES

| PUMP TYPE eXC SIZE | IEC MOTOR FRAME | 1500 [rpm] | DIMENSIONS [mm] | | | | | | | | | | | | | | | | | | | | WEIGHT | COUPLING TYPE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | [kW] | DNS | DND | CP | W | H | X | YY | S | Z | c | L | L1 | L2 | L3 | B1 | B2 | DBSE | MRC | H max. | z x s FOR SCREWS | [kg] | |
| 250-610 | 355M | 315 | 300 | 250 | 1493 | 838 | 857 | 550 | 650 | 350 | 350 | 320 | 2964 | 2450 | 225 | 1000 | 1030 | 960 | 6 | 102 | 1447 | 6 x Ø29 (M24) | 3154 | A250H |
| 250-610 | 355M | 355 | 300 | 250 | 1493 | 838 | 857 | 550 | 650 | 350 | 350 | 320 | 2964 | 2450 | 225 | 1000 | 1030 | 960 | 6 | 102 | 1447 | 6 x Ø29 (M24) | 3204 | A250H |
| 250-610 | 355LA | 400 | 300 | 250 | 1493 | 838 | 857 | 550 | 650 | 350 | 350 | 320 | 3176 | 2650 | 275 | 700 | 1030 | 960 | 6 | 102 | 1447 | 8 x Ø29 (M24) | 3681 | A250H |
| 250-610 | 355LB | 450 | 300 | 250 | 1493 | 838 | 857 | 550 | 650 | 350 | 350 | 320 | 3176 | 2650 | 275 | 700 | 1030 | 960 | 6 | 102 | 1447 | 8 x Ø29 (M24) | 3681 | A250H |
| 250-610 | 355LC | 500 | 300 | 250 | 1493 | 838 | 857 | 550 | 650 | 350 | 350 | 320 | 3176 | 2650 | 275 | 700 | 1030 | 960 | 6 | 102 | 1447 | 8 x Ø29 (M24) | 3838 | A250H |
| 250-610 | 400JH | 560 | 300 | 250 | 1493 | 838 | 917 | 550 | 650 | 350 | 350 | 320 | 3539 | 2950 | 275 | 800 | 1160 | 1090 | 6 | 102 | 1536 | 8 x Ø29 (M24) | 4747 | A280R |
| 250-610 | 400JH | 630 | 300 | 250 | 1493 | 838 | 917 | 550 | 650 | 350 | 350 | 320 | 3539 | 2950 | 275 | 800 | 1160 | 1090 | 6 | 102 | 1536 | 8 x Ø29 (M24) | 5427 | A280R |
| 250-730 | 355LB | 450 | 300 | 250 | 1484 | 838 | 1027 | 650 | 800 | 500 | 500 | 345 | 3167 | 2650 | 275 | 700 | 1030 | 960 | 6 | 77 | 1647 | 8 x Ø29 (M24) | 4384 | A250H |
| 250-730 | 355LC | 500 | 300 | 250 | 1484 | 838 | 1027 | 650 | 800 | 500 | 500 | 345 | 3167 | 2650 | 275 | 700 | 1030 | 960 | 6 | 77 | 1647 | 8 x Ø29 (M24) | 4541 | A250H |
| 250-730 | 400JH | 560 | 300 | 250 | 1484 | 838 | 1087 | 650 | 800 | 500 | 500 | 345 | 3530 | 3000 | 225 | 850 | 1160 | 1090 | 6 | 77 | 1707 | 8 x Ø29 (M24) | 5450 | A280R |
| 250-730 | 400JH | 630 | 300 | 250 | 1484 | 838 | 1087 | 650 | 800 | 500 | 500 | 345 | 3530 | 3000 | 225 | 850 | 1160 | 1090 | 6 | 77 | 1707 | 8 x Ø29 (M24) | 6130 | A280R |
| 250-730 | 450LK | 710 | 300 | 250 | 1484 | 838 | 1127 | 650 | 800 | 500 | 500 | 345 | 3594 | 3050 | 250 | 850 | 1250 | 1160 | 6 | 77 | 1747 | 8 x Ø29 (M24) | 6314 | A315H |
| 250-730 | 450HGF | 800 | 300 | 250 | 1484 | 838 | 1127 | 650 | 800 | 500 | 500 | 345 | 3975 | 3250 | 275 | 900 | 1250 | 1160 | 6 | 77 | 1842 | 8 x Ø29 (M24) | 6679 | A315H |
| 250-730 | 450HGF | 900 | 300 | 250 | 1484 | 838 | 1127 | 650 | 800 | 500 | 500 | 345 | 3975 | 3250 | 275 | 900 | 1250 | 1160 | 6 | 77 | 1842 | 8 x Ø29 (M24) | 7044 | A315H |
| 250-770 | 450HGF | 800 | 300 | 250 | 1484 | 838 | 1127 | 650 | 800 | 500 | 500 | 345 | 3975 | 3250 | 275 | 900 | 1250 | 1160 | 6 | 77 | 1842 | 8 x Ø29 (M24) | 6679 | A315H |
| 250-770 | 450HGF | 900 | 300 | 250 | 1484 | 838 | 1127 | 650 | 800 | 500 | 500 | 345 | 3975 | 3250 | 275 | 900 | 1250 | 1160 | 6 | 77 | 1842 | 8 x Ø29 (M24) | 7044 | A315H |
| 250-770 | 450HGF | 1000 | 300 | 250 | 1484 | 838 | 1127 | 650 | 800 | 500 | 500 | 345 | 3975 | 3250 | 275 | 900 | 1250 | 1160 | 6 | 77 | 1842 | 8 x Ø29 (M24) | 7068 | A350H |
| 250-770 | 450HGF | 1100 | 300 | 250 | 1484 | 838 | 1127 | 650 | 800 | 500 | 500 | 345 | 3975 | 3250 | 275 | 900 | 1250 | 1160 | 6 | 77 | 1842 | 8 x Ø29 (M24) | 7548 | A350H |
| 300-215 | 180M | 18,5 | 300 | 300 | 1298 | 708 | 737 | 450 | 550 | 270 | 270 | 290 | 2003 | 1650 | 175 | 650 | 750 | 700 | 4 | 77 | 1117 | 6 x Ø26 (M20) | 1212 | A125C |
| 300-215 | 180L | 22 | 300 | 300 | 1298 | 708 | 737 | 450 | 550 | 270 | 270 | 290 | 2003 | 1650 | 175 | 650 | 750 | 700 | 4 | 77 | 1117 | 6 x Ø26 (M20) | 1230 | A125C |
| 300-215 | 200L | 30 | 300 | 300 | 1298 | 708 | 737 | 450 | 550 | 270 | 270 | 290 | 2083 | 1700 | 175 | 675 | 750 | 700 | 4 | 77 | 1117 | 6 x Ø26 (M20) | 1289 | A125D |
| 300-225 | 180L | 22 | 300 | 300 | 1298 | 708 | 737 | 450 | 550 | 270 | 270 | 290 | 2003 | 1650 | 175 | 650 | 750 | 700 | 4 | 77 | 1117 | 6 x Ø26 (M20) | 1230 | A125C |
| 300-225 | 200L | 30 | 300 | 300 | 1298 | 708 | 737 | 450 | 550 | 270 | 270 | 290 | 2083 | 1700 | 175 | 675 | 750 | 700 | 4 | 77 | 1117 | 6 x Ø26 (M20) | 1289 | A125D |
| 300-245 | 180M | 18,5 | 300 | 300 | 1218 | 668 | 737 | 500 | 600 | 270 | 270 | 290 | 1923 | 1600 | 175 | 625 | 750 | 700 | 4 | 77 | 1127 | 6 x Ø26 (M20) | 1182 | A125C |
| 300-245 | 180L | 22 | 300 | 300 | 1218 | 668 | 737 | 500 | 600 | 270 | 270 | 290 | 1923 | 1600 | 175 | 625 | 750 | 700 | 4 | 77 | 1127 | 6 x Ø26 (M20) | 1200 | A125C |
| 300-245 | 200L | 30 | 300 | 300 | 1218 | 668 | 737 | 500 | 600 | 270 | 270 | 290 | 2003 | 1650 | 175 | 650 | 750 | 700 | 4 | 77 | 1127 | 6 x Ø26 (M20) | 1259 | A125D |
| 300-255 | 200L | 30 | 300 | 300 | 1218 | 668 | 737 | 500 | 600 | 270 | 270 | 290 | 2003 | 1650 | 175 | 650 | 750 | 700 | 4 | 77 | 1127 | 6 x Ø26 (M20) | 1259 | A125D |
| 300-255 | 225S | 37 | 300 | 300 | 1218 | 668 | 737 | 500 | 600 | 270 | 270 | 290 | 2063 | 1750 | 175 | 700 | 750 | 700 | 4 | 77 | 1127 | 6 x Ø26 (M20) | 1310 | A140B |
| 300-255 | 225M | 45 | 300 | 300 | 1218 | 668 | 737 | 500 | 600 | 270 | 270 | 290 | 2063 | 1750 | 175 | 700 | 750 | 700 | 4 | 77 | 1127 | 6 x Ø26 (M20) | 1341 | A140B |
| 300-315 | 250M | 55 | 350 | 300 | 1385 | 768 | 807 | 500 | 650 | 300 | 300 | 320 | 2296 | 1950 | 200 | 775 | 910 | 860 | 4 | 89 | 1247 | 6 x Ø26 (M20) | 1734 | A160D |
| 300-315 | 280S | 75 | 350 | 300 | 1385 | 768 | 807 | 500 | 650 | 300 | 300 | 320 | 2346 | 2000 | 200 | 800 | 910 | 860 | 4 | 89 | 1247 | 6 x Ø26 (M20) | 1947 | A180L |
| 300-315 | 280M | 90 | 350 | 300 | 1385 | 768 | 807 | 500 | 650 | 300 | 300 | 320 | 2401 | 2000 | 200 | 800 | 910 | 860 | 4 | 89 | 1247 | 6 x Ø26 (M20) | 2079 | A180L |
| 300-330 | 280S | 75 | 350 | 300 | 1385 | 768 | 807 | 500 | 650 | 300 | 300 | 320 | 2346 | 2000 | 200 | 800 | 910 | 860 | 4 | 89 | 1247 | 6 x Ø26 (M20) | 1947 | A180L |
| 300-330 | 280M | 90 | 350 | 300 | 1385 | 768 | 807 | 500 | 650 | 300 | 300 | 320 | 2401 | 2000 | 200 | 800 | 910 | 860 | 4 | 89 | 1247 | 6 x Ø26 (M20) | 2079 | A180L |
| 300-330 | 315S | 110 | 350 | 300 | 1385 | 768 | 807 | 500 | 650 | 300 | 300 | 320 | 2545 | 2250 | 200 | 925 | 910 | 860 | 4 | 89 | 1364 | 6 x Ø26 (M20) | 2296 | A180M |
| 300-430 | 315M | 132 | 400 | 300 | 1435 | 793 | 887 | 600 | 650 | 350 | 350 | 345 | 2595 | 2300 | 200 | 950 | 1030 | 980 | 4 | 102 | 1412 | 6 x Ø26 (M20) | 2520 | A180Y |
| 300-430 | 315M | 160 | 400 | 300 | 1435 | 793 | 887 | 600 | 650 | 350 | 350 | 345 | 2595 | 2300 | 200 | 950 | 1030 | 980 | 4 | 102 | 1412 | 6 x Ø26 (M20) | 2677 | A180Y |
| 300-430 | 315M | 200 | 400 | 300 | 1435 | 793 | 887 | 600 | 650 | 350 | 350 | 345 | 2595 | 2300 | 200 | 950 | 1030 | 980 | 4 | 102 | 1412 | 6 x Ø26 (M20) | 2959 | A200K |
| 300-430 | 315M | 250 | 400 | 300 | 1435 | 793 | 887 | 600 | 650 | 350 | 350 | 345 | 2595 | 2300 | 200 | 950 | 1030 | 980 | 4 | 102 | 1412 | 6 x Ø26 (M20) | 2743 | A200K |
| 300-450 | 315M | 160 | 400 | 300 | 1435 | 793 | 887 | 600 | 650 | 350 | 350 | 345 | 2595 | 2300 | 200 | 950 | 1030 | 980 | 4 | 102 | 1412 | 6 x Ø26 (M20) | 2674 | A180Y |
| 300-450 | 315M | 200 | 400 | 300 | 1435 | 793 | 887 | 600 | 650 | 350 | 350 | 345 | 2595 | 2300 | 200 | 950 | 1030 | 980 | 4 | 102 | 1412 | 6 x Ø26 (M20) | 2956 | A200K |
| 300-450 | 315M | 250 | 400 | 300 | 1435 | 793 | 887 | 600 | 650 | 350 | 350 | 345 | 2595 | 2300 | 200 | 950 | 1030 | 980 | 4 | 102 | 1412 | 6 x Ø26 (M20) | 2740 | A200K |
| 300-450 | 355M | 315 | 400 | 300 | 1435 | 793 | 927 | 600 | 650 | 350 | 350 | 345 | 2906 | 2450 | 225 | 1000 | 1030 | 960 | 6 | 102 | 1517 | 6 x Ø29 (M24) | 3067 | A250F |
| 300-450 | 355M | 355 | 400 | 300 | 1435 | 793 | 927 | 600 | 650 | 350 | 350 | 345 | 2906 | 2450 | 225 | 1000 | 1030 | 960 | 6 | 102 | 1517 | 6 x Ø29 (M24) | 3117 | A250F |
| 300-525 | 315M | 200 | 400 | 300 | 1635 | 908 | 887 | 600 | 650 | 350 | 350 | 345 | 2795 | 2400 | 225 | 975 | 1030 | 980 | 4 | 102 | 1412 | 6 x Ø26 (M20) | 3389 | A200W |
| 300-525 | 315M | 250 | 400 | 300 | 1635 | 908 | 887 | 600 | 650 | 350 | 350 | 345 | 2795 | 2400 | 225 | 975 | 1030 | 980 | 4 | 102 | 1412 | 6 x Ø26 (M20) | 3173 | A200W |
| 300-525 | 355M | 315 | 400 | 300 | 1635 | 908 | 927 | 600 | 650 | 350 | 350 | 345 | 3106 | 2550 | 225 | 700 | 1030 | 960 | 6 | 102 | 1517 | 8 x Ø29 (M24) | 3447 | A250H |
| 300-525 | 355M | 355 | 400 | 300 | 1635 | 908 | 927 | 600 | 650 | 350 | 350 | 345 | 3106 | 2550 | 225 | 700 | 1030 | 960 | 6 | 102 | 1517 | 8 x Ø29 (M24) | 3497 | A250H |
| 300-525 | 355LA | 400 | 400 | 300 | 1635 | 908 | 927 | 600 | 650 | 350 | 350 | 345 | 3318 | 2750 | 250 | 750 | 1030 | 960 | 6 | 102 | 1517 | 8 x Ø29 (M24) | 4089 | A250H |
| 300-525 | 355LB | 450 | 400 | 300 | 1635 | 908 | 927 | 600 | 650 | 350 | 350 | 345 | 3318 | 2750 | 250 | 750 | 1030 | 960 | 6 | 102 | 1517 | 8 x Ø29 (M24) | 4089 | A250H |
| 300-525 | 355LC | 500 | 400 | 300 | 1635 | 908 | 927 | 600 | 650 | 350 | 350 | 345 | 3318 | 2750 | 250 | 750 | 1030 | 960 | 6 | 102 | 1517 | 8 x Ø29 (M24) | 4246 | A250H |
| 300-525 | 400JH | 560 | 400 | 300 | 1635 | 908 | 987 | 600 | 650 | 350 | 350 | 345 | 3681 | 3050 | 250 | 850 | 1160 | 1090 | 6 | 102 | 1606 | 8 x Ø29 (M24) | 5040 | A280R |

NOTE: Pumps with flanges according to EN1092-2 PN16/PN25/PN40 and ASME/ANSI B16.1 #125/#250 and B16.5 #150/#300 as standard Flat Face.

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Flange drilling dimensions and additional Pump dimsions are in separate sections.

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# e-XC SERIES
# DIMENSIONS AND WEIGHTS PBCM AT 50 Hz, 4 POLES

| PUMP TYPE eXC SIZE | IEC MOTOR FRAME | 1500 [rpm] | DIMENSIONS [mm] | | | | | | | | | | | | | | | | | | | | WEIGHT | COUPLING TYPE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | [kW] | DNS | DND | CP | W | H | X | YY | S | Z | c | L | L1 | L2 | L3 | B1 | B2 | DBSE | MRC | H max. | z x s FOR SCREWS | [kg] | |
| 300-550 | 315M | 250 | 400 | 300 | 1635 | 908 | 887 | 600 | 650 | 350 | 350 | 345 | 2795 | 2400 | 225 | 975 | 1030 | 980 | 4 | 102 | 1412 | 6 x Ø26 (M20) | 3170 | A200W |
| 300-550 | 355M | 315 | 400 | 300 | 1635 | 908 | 927 | 600 | 650 | 350 | 350 | 345 | 3106 | 2550 | 225 | 700 | 1030 | 960 | 6 | 102 | 1517 | 8 x Ø29 (M24) | 3444 | A250H |
| 300-550 | 355M | 355 | 400 | 300 | 1635 | 908 | 927 | 600 | 650 | 350 | 350 | 345 | 3106 | 2550 | 225 | 700 | 1030 | 960 | 6 | 102 | 1517 | 8 x Ø29 (M24) | 3494 | A250H |
| 300-550 | 355LA | 400 | 400 | 300 | 1635 | 908 | 927 | 600 | 650 | 350 | 350 | 345 | 3318 | 2750 | 250 | 750 | 1030 | 960 | 6 | 102 | 1517 | 8 x Ø29 (M24) | 4086 | A250H |
| 300-550 | 355LB | 450 | 400 | 300 | 1635 | 908 | 927 | 600 | 650 | 350 | 350 | 345 | 3318 | 2750 | 250 | 750 | 1030 | 960 | 6 | 102 | 1517 | 8 x Ø29 (M24) | 4086 | A250H |
| 300-550 | 355LC | 500 | 400 | 300 | 1635 | 908 | 927 | 600 | 650 | 350 | 350 | 345 | 3318 | 2750 | 250 | 750 | 1030 | 960 | 6 | 102 | 1517 | 8 x Ø29 (M24) | 4243 | A250H |
| 300-550 | 400JH | 560 | 400 | 300 | 1635 | 908 | 987 | 600 | 650 | 350 | 350 | 345 | 3681 | 3050 | 250 | 850 | 1160 | 1090 | 6 | 102 | 1606 | 8 x Ø29 (M24) | 5037 | A280R |
| 300-550 | 400JH | 630 | 400 | 300 | 1635 | 908 | 987 | 600 | 650 | 350 | 350 | 345 | 3681 | 3050 | 250 | 850 | 1160 | 1090 | 6 | 102 | 1606 | 8 x Ø29 (M24) | 5717 | A280R |
| 300-680 | 400JH | 560 | 400 | 300 | 1615 | 898 | 1042 | 650 | 800 | 400 | 400 | 410 | 3661 | 3100 | 275 | 850 | 1200 | 1130 | 6 | 115 | 1661 | 8 x Ø29 (M24) | 5050 | A280V |
| 300-680 | 400JH | 630 | 400 | 300 | 1615 | 898 | 1042 | 650 | 800 | 400 | 400 | 410 | 3661 | 3100 | 275 | 850 | 1200 | 1130 | 6 | 115 | 1661 | 8 x Ø29 (M24) | 5730 | A280V |
| 300-680 | 450LK | 710 | 400 | 300 | 1615 | 898 | 1082 | 650 | 800 | 400 | 400 | 410 | 3725 | 3150 | 300 | 850 | 1250 | 1160 | 6 | 115 | 1701 | 8 x Ø29 (M24) | 5914 | A315K |
| 300-680 | 450HGF | 800 | 400 | 300 | 1615 | 898 | 1082 | 650 | 800 | 400 | 400 | 410 | 4106 | 3400 | 275 | 950 | 1250 | 1160 | 6 | 115 | 1797 | 8 x Ø29 (M24) | 6279 | A315K |
| 300-680 | 450HGF | 900 | 400 | 300 | 1615 | 898 | 1082 | 650 | 800 | 400 | 400 | 410 | 4106 | 3400 | 275 | 950 | 1250 | 1160 | 6 | 115 | 1797 | 8 x Ø29 (M24) | 6644 | A315K |
| 300-680 | 450HGF | 1000 | 400 | 300 | 1615 | 898 | 1082 | 650 | 800 | 400 | 400 | 410 | 4106 | 3400 | 275 | 950 | 1250 | 1160 | 6 | 115 | 1797 | 8 x Ø29 (M24) | 6668 | A350L |
| 300-705 | 450LK | 710 | 400 | 300 | 1615 | 898 | 1082 | 650 | 800 | 400 | 400 | 410 | 3725 | 3150 | 300 | 850 | 1250 | 1160 | 6 | 115 | 1701 | 8 x Ø29 (M24) | 5914 | A315K |
| 300-705 | 450HGF | 800 | 400 | 300 | 1615 | 898 | 1082 | 650 | 800 | 400 | 400 | 410 | 4106 | 3400 | 275 | 950 | 1250 | 1160 | 6 | 115 | 1797 | 8 x Ø29 (M24) | 6279 | A315K |
| 300-705 | 450HGF | 900 | 400 | 300 | 1615 | 898 | 1082 | 650 | 800 | 400 | 400 | 410 | 4106 | 3400 | 275 | 950 | 1250 | 1160 | 6 | 115 | 1797 | 8 x Ø29 (M24) | 6644 | A315K |
| 300-705 | 450HGF | 1000 | 400 | 300 | 1615 | 898 | 1082 | 650 | 800 | 400 | 400 | 410 | 4106 | 3400 | 275 | 950 | 1250 | 1160 | 6 | 115 | 1797 | 8 x Ø29 (M24) | 6668 | A350L |
| 300-705 | 450HGF | 1100 | 400 | 300 | 1615 | 898 | 1082 | 650 | 800 | 400 | 400 | 410 | 4106 | 3400 | 275 | 950 | 1250 | 1160 | 6 | 115 | 1797 | 8 x Ø29 (M24) | 7148 | A350L |
| 300-705 | 500HGF | 1250 | 400 | 300 | 1615 | 898 | 1082 | 650 | 800 | 400 | 400 | 410 | 4359 | 3650 | 275 | 775 | 1250 | 1160 | 6 | 115 | 1817 | 10 x Ø29 (M24) | 7823 | A350M |
| 350-285 | 225M | 45 | 350 | 350 | 1298 | 708 | 847 | 500 | 650 | 300 | 300 | 320 | 2143 | 1800 | 175 | 725 | 930 | 860 | 4 | 77 | 1277 | 6 x Ø29 (M24) | 1572 | A140B |
| 350-285 | 250M | 55 | 350 | 350 | 1298 | 708 | 847 | 500 | 650 | 300 | 300 | 320 | 2209 | 1850 | 200 | 725 | 930 | 860 | 4 | 77 | 1277 | 6 x Ø29 (M24) | 1716 | A160B |
| 350-300 | 250M | 55 | 350 | 350 | 1298 | 708 | 847 | 500 | 650 | 300 | 300 | 320 | 2209 | 1850 | 200 | 725 | 930 | 860 | 4 | 77 | 1277 | 6 x Ø29 (M24) | 1715 | A160B |
| 350-300 | 280S | 75 | 350 | 350 | 1298 | 708 | 847 | 500 | 650 | 300 | 300 | 320 | 2259 | 1950 | 200 | 775 | 930 | 860 | 4 | 77 | 1277 | 6 x Ø29 (M24) | 1928 | A180E |
| 350-300 | 280M | 90 | 350 | 350 | 1298 | 708 | 847 | 500 | 650 | 300 | 300 | 320 | 2314 | 1950 | 200 | 775 | 930 | 860 | 4 | 77 | 1277 | 6 x Ø29 (M24) | 2060 | A180E |
| 350-365 | 315S | 110 | 400 | 350 | 1435 | 793 | 927 | 550 | 700 | 350 | 350 | 345 | 2595 | 2300 | 200 | 950 | 1030 | 960 | 4 | 102 | 1484 | 6 x Ø29 (M24) | 2726 | A180X |
| 350-365 | 315M | 132 | 400 | 350 | 1435 | 793 | 927 | 550 | 700 | 350 | 350 | 345 | 2595 | 2300 | 200 | 950 | 1030 | 960 | 4 | 102 | 1452 | 6 x Ø29 (M24) | 2820 | A180Y |
| 350-365 | 315M | 160 | 400 | 350 | 1435 | 793 | 927 | 550 | 700 | 350 | 350 | 345 | 2595 | 2300 | 200 | 950 | 1030 | 960 | 4 | 102 | 1452 | 6 x Ø29 (M24) | 2977 | A180Y |
| 350-365 | 315M | 200 | 400 | 350 | 1435 | 793 | 927 | 550 | 700 | 350 | 350 | 345 | 2595 | 2300 | 200 | 950 | 1030 | 960 | 4 | 102 | 1452 | 6 x Ø29 (M24) | 3259 | A200K |
| 350-385 | 315M | 132 | 400 | 350 | 1435 | 793 | 927 | 550 | 700 | 350 | 350 | 345 | 2595 | 2300 | 200 | 950 | 1030 | 960 | 4 | 102 | 1452 | 6 x Ø29 (M24) | 2818 | A180Y |
| 350-385 | 315M | 160 | 400 | 350 | 1435 | 793 | 927 | 550 | 700 | 350 | 350 | 345 | 2595 | 2300 | 200 | 950 | 1030 | 960 | 4 | 102 | 1452 | 6 x Ø29 (M24) | 2975 | A180Y |
| 350-385 | 315M | 200 | 400 | 350 | 1435 | 793 | 927 | 550 | 700 | 350 | 350 | 345 | 2595 | 2300 | 200 | 950 | 1030 | 960 | 4 | 102 | 1452 | 6 x Ø29 (M24) | 3257 | A200K |
| 350-430 | 315M | 200 | 450 | 350 | 1635 | 908 | 1012 | 650 | 800 | 400 | 400 | 410 | 2795 | 2450 | 225 | 1000 | 1160 | 1090 | 4 | 102 | 1567 | 6 x Ø29 (M24) | 3686 | A200W |
| 350-430 | 315M | 250 | 450 | 350 | 1635 | 908 | 1012 | 650 | 800 | 400 | 400 | 410 | 2795 | 2450 | 225 | 1000 | 1160 | 1090 | 4 | 102 | 1567 | 6 x Ø29 (M24) | 3470 | A200W |
| 350-430 | 355M | 315 | 450 | 350 | 1635 | 908 | 1012 | 650 | 800 | 400 | 400 | 410 | 3106 | 2600 | 250 | 700 | 1160 | 1090 | 6 | 102 | 1602 | 8 x Ø29 (M24) | 3744 | A250H |
| 350-430 | 355M | 355 | 450 | 350 | 1635 | 908 | 1012 | 650 | 800 | 400 | 400 | 410 | 3106 | 2600 | 250 | 700 | 1160 | 1090 | 6 | 102 | 1602 | 8 x Ø29 (M24) | 3794 | A250H |
| 350-450 | 315M | 250 | 450 | 350 | 1635 | 908 | 1012 | 650 | 800 | 400 | 400 | 410 | 2795 | 2450 | 225 | 1000 | 1160 | 1090 | 4 | 102 | 1567 | 6 x Ø29 (M24) | 3467 | A200W |
| 350-450 | 355M | 315 | 450 | 350 | 1635 | 908 | 1012 | 650 | 800 | 400 | 400 | 410 | 3106 | 2600 | 250 | 700 | 1160 | 1090 | 6 | 102 | 1602 | 8 x Ø29 (M24) | 3741 | A250H |
| 350-450 | 355M | 355 | 450 | 350 | 1635 | 908 | 1012 | 650 | 800 | 400 | 400 | 410 | 3106 | 2600 | 250 | 700 | 1160 | 1090 | 6 | 102 | 1602 | 8 x Ø29 (M24) | 3791 | A250H |
| 350-450 | 355LA | 400 | 450 | 350 | 1635 | 908 | 1012 | 650 | 800 | 400 | 400 | 410 | 3318 | 2800 | 275 | 750 | 1160 | 1090 | 6 | 102 | 1602 | 8 x Ø29 (M24) | 4268 | A250H |
| 350-505 | 315M | 250 | 450 | 350 | 1635 | 908 | 1012 | 650 | 700 | 400 | 400 | 410 | 2795 | 2450 | 225 | 1000 | 1160 | 1090 | 4 | 102 | 1537 | 6 x Ø29 (M24) | 3403 | A200W |
| 350-505 | 355M | 315 | 450 | 350 | 1635 | 908 | 1012 | 650 | 700 | 400 | 400 | 410 | 3106 | 2600 | 250 | 700 | 1160 | 1090 | 6 | 102 | 1602 | 8 x Ø29 (M24) | 3677 | A250H |
| 350-505 | 355M | 355 | 450 | 350 | 1635 | 908 | 1012 | 650 | 700 | 400 | 400 | 410 | 3106 | 2600 | 250 | 700 | 1160 | 1090 | 6 | 102 | 1602 | 8 x Ø29 (M24) | 3727 | A250H |
| 350-505 | 355LA | 400 | 450 | 350 | 1635 | 908 | 1012 | 650 | 700 | 400 | 400 | 410 | 3318 | 2800 | 275 | 750 | 1160 | 1090 | 6 | 102 | 1602 | 8 x Ø29 (M24) | 4204 | A250H |
| 350-505 | 355LB | 450 | 450 | 350 | 1635 | 908 | 1012 | 650 | 700 | 400 | 400 | 410 | 3318 | 2800 | 275 | 750 | 1160 | 1090 | 6 | 102 | 1602 | 8 x Ø29 (M24) | 4204 | A250H |
| 350-505 | 355LC | 500 | 450 | 350 | 1635 | 908 | 1012 | 650 | 700 | 400 | 400 | 410 | 3318 | 2800 | 275 | 750 | 1160 | 1090 | 6 | 102 | 1602 | 8 x Ø29 (M24) | 4361 | A250H |
| 350-505 | 400JH | 560 | 450 | 350 | 1635 | 908 | 1072 | 650 | 700 | 400 | 400 | 410 | 3681 | 3100 | 275 | 850 | 1200 | 1130 | 6 | 102 | 1691 | 8 x Ø29 (M24) | 5270 | A280R |
| 350-530 | 355LA | 400 | 450 | 350 | 1635 | 908 | 1012 | 650 | 700 | 400 | 400 | 410 | 3318 | 2800 | 275 | 750 | 1160 | 1090 | 6 | 102 | 1602 | 8 x Ø29 (M24) | 4201 | A250H |
| 350-530 | 355LB | 450 | 450 | 350 | 1635 | 908 | 1012 | 650 | 700 | 400 | 400 | 410 | 3318 | 2800 | 275 | 750 | 1160 | 1090 | 6 | 102 | 1602 | 8 x Ø29 (M24) | 4201 | A250H |
| 350-530 | 355LC | 500 | 450 | 350 | 1635 | 908 | 1012 | 650 | 700 | 400 | 400 | 410 | 3318 | 2800 | 275 | 750 | 1160 | 1090 | 6 | 102 | 1602 | 8 x Ø29 (M24) | 4358 | A250H |
| 350-530 | 400JH | 560 | 450 | 350 | 1635 | 908 | 1072 | 650 | 700 | 400 | 400 | 410 | 3681 | 3100 | 275 | 850 | 1200 | 1130 | 6 | 102 | 1691 | 8 x Ø29 (M24) | 5267 | A280R |
| 350-530 | 400JH | 630 | 450 | 350 | 1635 | 908 | 1072 | 650 | 700 | 400 | 400 | 410 | 3681 | 3100 | 275 | 850 | 1200 | 1130 | 6 | 102 | 1691 | 8 x Ø29 (M24) | 5947 | A280R |
| 350-530 | 450LK | 710 | 450 | 350 | 1635 | 908 | 1112 | 650 | 700 | 400 | 400 | 410 | 3745 | 3150 | 300 | 850 | 1250 | 1160 | 6 | 102 | 1731 | 8 x Ø29 (M24) | 6131 | A315H |

NOTE: Pumps with flanges according to EN1092-2 PN16/PN25/PN40 and ASME/ANSI B16.1 #125/#250 and B16.5 #150/#300 as standard Flat Face.

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Flange drilling dimensions and additional Pump dimsions are in separate sections.

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# e-XC SERIES
# DIMENSIONS AND WEIGHTS PBCM AT 50 Hz, 4 POLES

| PUMP TYPE eXC SIZE | IEC MOTOR FRAME | 1500 [rpm] | DIMENSIONS [mm] | | | | | | | | | | | | | | | | | | | | WEIGHT | COUPLING TYPE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | [kW] | DNS | DND | CP | W | H | X | YY | S | Z | c | L | L1 | L2 | L3 | B1 | B2 | DBSE | MRC | H max. | z x s FOR SCREWS | [kg] | |
| 350-655 | 355LC | 500 | 400 | 350 | 1745 | 983 | 1132 | 750 | 900 | 480 | 480 | 460 | 3428 | 2950 | 275 | 800 | 1410 | 1340 | 6 | 115 | 1737 | 8 x Ø29 (M24) | 5156 | A280AC |
| 350-655 | 400JH | 560 | 400 | 350 | 1745 | 983 | 1132 | 750 | 900 | 480 | 480 | 460 | 3791 | 3250 | 275 | 900 | 1410 | 1340 | 6 | 115 | 1751 | 8 x Ø29 (M24) | 6055 | A280AE |
| 350-655 | 400JH | 630 | 400 | 350 | 1745 | 983 | 1172 | 750 | 900 | 480 | 480 | 460 | 3791 | 3250 | 275 | 900 | 1410 | 1320 | 6 | 115 | 1791 | 8 x Ø29 (M24) | 6735 | A280AE |
| 350-655 | 450LK | 710 | 400 | 350 | 1745 | 983 | 1172 | 750 | 900 | 480 | 480 | 460 | 3855 | 3300 | 300 | 900 | 1410 | 1320 | 6 | 115 | 1791 | 8 x Ø29 (M24) | 6919 | A315N |
| 350-655 | 450HGF | 800 | 400 | 350 | 1745 | 983 | 1172 | 750 | 900 | 480 | 480 | 460 | 4236 | 3550 | 275 | 1000 | 1410 | 1320 | 6 | 115 | 1887 | 8 x Ø29 (M24) | 7284 | A315N |
| 350-655 | 450HGF | 900 | 400 | 350 | 1745 | 983 | 1172 | 750 | 900 | 480 | 480 | 460 | 4236 | 3550 | 275 | 1000 | 1410 | 1320 | 6 | 115 | 1887 | 8 x Ø29 (M24) | 7649 | A315N |
| 350-655 | 450HGF | 1000 | 400 | 350 | 1745 | 983 | 1172 | 750 | 900 | 480 | 480 | 460 | 4236 | 3550 | 275 | 1000 | 1410 | 1320 | 6 | 115 | 1887 | 8 x Ø29 (M24) | 7673 | A350P |
| 350-655 | 450HGF | 1100 | 400 | 350 | 1745 | 983 | 1172 | 750 | 900 | 480 | 480 | 460 | 4236 | 3550 | 275 | 1000 | 1410 | 1320 | 6 | 115 | 1887 | 8 x Ø29 (M24) | 8153 | A350P |
| 350-655 | 500HGF | 1250 | 400 | 350 | 1745 | 983 | 1172 | 750 | 900 | 480 | 480 | 460 | 4489 | 3800 | 300 | 800 | 1410 | 1320 | 6 | 115 | 1907 | 10 x Ø29 (M24) | 8828 | A350Q |
| 350-690 | 400JH | 560 | 400 | 350 | 1745 | 983 | 1132 | 750 | 900 | 480 | 480 | 460 | 3791 | 3250 | 275 | 900 | 1410 | 1340 | 6 | 115 | 1751 | 8 x Ø29 (M24) | 6050 | A280AE |
| 350-690 | 400JH | 630 | 400 | 350 | 1745 | 983 | 1172 | 750 | 900 | 480 | 480 | 460 | 3791 | 3250 | 275 | 900 | 1410 | 1320 | 6 | 115 | 1791 | 8 x Ø29 (M24) | 6730 | A280AE |
| 350-690 | 450LK | 710 | 400 | 350 | 1745 | 983 | 1172 | 750 | 900 | 480 | 480 | 460 | 3855 | 3300 | 300 | 900 | 1410 | 1320 | 6 | 115 | 1791 | 8 x Ø29 (M24) | 6914 | A315N |
| 350-690 | 450HGF | 800 | 400 | 350 | 1745 | 983 | 1172 | 750 | 900 | 480 | 480 | 460 | 4236 | 3550 | 275 | 1000 | 1410 | 1320 | 6 | 115 | 1887 | 8 x Ø29 (M24) | 7279 | A315N |
| 350-690 | 450HGF | 900 | 400 | 350 | 1745 | 983 | 1172 | 750 | 900 | 480 | 480 | 460 | 4236 | 3550 | 275 | 1000 | 1410 | 1320 | 6 | 115 | 1887 | 8 x Ø29 (M24) | 7644 | A315N |
| 350-690 | 450HGF | 1000 | 400 | 350 | 1745 | 983 | 1172 | 750 | 900 | 480 | 480 | 460 | 4236 | 3550 | 275 | 1000 | 1410 | 1320 | 6 | 115 | 1887 | 8 x Ø29 (M24) | 7668 | A350P |
| 350-690 | 450HGF | 1100 | 400 | 350 | 1745 | 983 | 1172 | 750 | 900 | 480 | 480 | 460 | 4236 | 3550 | 275 | 1000 | 1410 | 1320 | 6 | 115 | 1887 | 8 x Ø29 (M24) | 8148 | A350P |
| 350-690 | 500HGF | 1250 | 400 | 350 | 1745 | 983 | 1172 | 750 | 900 | 480 | 480 | 460 | 4489 | 3800 | 300 | 800 | 1410 | 1320 | 6 | 115 | 1907 | 10 x Ø29 (M24) | 8823 | A350Q |
| 350-745 | 450HGF | 1100 | 400 | 350 | 1963 | 1093 | 1132 | 750 | 900 | 450 | 450 | 460 | 4454 | 3650 | 275 | 775 | 1410 | 1320 | 6 | 77 | 1847 | 10 x Ø29 (M24) | 8573 | A350S |
| 350-745 | 500HGF | 1250 | 400 | 350 | 1963 | 1093 | 1132 | 750 | 900 | 450 | 450 | 460 | 4707 | 3900 | 300 | 825 | 1410 | 1320 | 6 | 77 | 1867 | 10 x Ø29 (M24) | 9248 | A350T |
| 350-780 | 450HGF | 1100 | 400 | 350 | 1963 | 1093 | 1132 | 750 | 900 | 450 | 450 | 460 | 4454 | 3650 | 275 | 775 | 1410 | 1320 | 6 | 77 | 1847 | 10 x Ø29 (M24) | 8568 | A350S |
| 350-780 | 500HGF | 1250 | 400 | 350 | 1963 | 1093 | 1132 | 750 | 900 | 450 | 450 | 460 | 4707 | 3900 | 300 | 825 | 1410 | 1320 | 6 | 77 | 1867 | 10 x Ø29 (M24) | 9243 | A350T |
| 400-325 | 280S | 75 | 400 | 400 | 1465 | 793 | 987 | 600 | 750 | 350 | 350 | 345 | 2426 | 2050 | 200 | 825 | 1060 | 990 | 4 | 89 | 1467 | 6 x Ø29 (M24) | 2470 | A180H |
| 400-325 | 280M | 90 | 400 | 400 | 1465 | 793 | 987 | 600 | 750 | 350 | 350 | 345 | 2481 | 2050 | 200 | 825 | 1060 | 990 | 4 | 89 | 1467 | 6 x Ø29 (M24) | 2602 | A180H |
| 400-325 | 315S | 110 | 400 | 400 | 1465 | 793 | 987 | 600 | 750 | 350 | 350 | 345 | 2625 | 2300 | 200 | 950 | 1060 | 990 | 4 | 89 | 1544 | 6 x Ø29 (M24) | 2819 | A180J |
| 400-340 | 315S | 110 | 400 | 400 | 1465 | 793 | 987 | 600 | 750 | 350 | 350 | 345 | 2625 | 2300 | 200 | 950 | 1060 | 990 | 4 | 89 | 1544 | 6 x Ø29 (M24) | 2819 | A180H |
| 400-340 | 315M | 132 | 400 | 400 | 1465 | 793 | 987 | 600 | 750 | 350 | 350 | 345 | 2625 | 2300 | 200 | 950 | 1060 | 990 | 4 | 89 | 1512 | 6 x Ø29 (M24) | 2913 | A180J |
| 400-340 | 315M | 160 | 400 | 400 | 1465 | 793 | 987 | 600 | 750 | 350 | 350 | 345 | 2625 | 2300 | 200 | 950 | 1060 | 990 | 4 | 89 | 1512 | 6 x Ø29 (M24) | 3070 | A180J |
| 400-550 | 400JH | 630 | 500 | 400 | 1835 | 1028 | 1202 | 700 | 800 | 450 | 450 | 410 | 3881 | 3250 | 275 | 900 | 1210 | 1120 | 6 | 77 | 1821 | 8 x Ø29 (M24) | 6800 | A280AE |
| 400-550 | 450LK | 710 | 500 | 400 | 1835 | 1028 | 1202 | 700 | 800 | 450 | 450 | 410 | 3945 | 3300 | 300 | 900 | 1250 | 1160 | 6 | 77 | 1821 | 8 x Ø29 (M24) | 6984 | A315N |
| 400-550 | 450HGF | 800 | 500 | 400 | 1835 | 1028 | 1202 | 700 | 800 | 450 | 450 | 410 | 4326 | 3500 | 325 | 950 | 1250 | 1160 | 6 | 77 | 1917 | 8 x Ø29 (M24) | 7349 | A315N |
| 400-550 | 450HGF | 900 | 500 | 400 | 1835 | 1028 | 1202 | 700 | 800 | 450 | 450 | 410 | 4326 | 3500 | 325 | 950 | 1250 | 1160 | 6 | 77 | 1917 | 8 x Ø29 (M24) | 7714 | A315N |
| 400-580 | 400JH | 630 | 500 | 400 | 1835 | 1028 | 1202 | 700 | 800 | 450 | 450 | 410 | 3881 | 3250 | 275 | 900 | 1210 | 1120 | 6 | 77 | 1821 | 8 x Ø29 (M24) | 6800 | A280AE |
| 400-580 | 450LK | 710 | 500 | 400 | 1835 | 1028 | 1202 | 700 | 800 | 450 | 450 | 410 | 3945 | 3300 | 300 | 900 | 1250 | 1160 | 6 | 77 | 1821 | 8 x Ø29 (M24) | 6984 | A315N |
| 400-580 | 450HGF | 800 | 500 | 400 | 1835 | 1028 | 1202 | 700 | 800 | 450 | 450 | 410 | 4326 | 3500 | 325 | 950 | 1250 | 1160 | 6 | 77 | 1917 | 8 x Ø29 (M24) | 7349 | A315N |
| 400-580 | 450HGF | 900 | 500 | 400 | 1835 | 1028 | 1202 | 700 | 800 | 450 | 450 | 410 | 4326 | 3500 | 325 | 950 | 1250 | 1160 | 6 | 77 | 1917 | 8 x Ø29 (M24) | 7714 | A315N |
| 400-580 | 450HGF | 1000 | 500 | 400 | 1835 | 1028 | 1202 | 700 | 800 | 450 | 450 | 410 | 4326 | 3500 | 325 | 950 | 1250 | 1160 | 6 | 77 | 1917 | 8 x Ø29 (M24) | 7738 | A350P |
| 400-580 | 450HGF | 1100 | 500 | 400 | 1835 | 1028 | 1202 | 700 | 800 | 450 | 450 | 410 | 4326 | 3500 | 325 | 950 | 1250 | 1160 | 6 | 77 | 1917 | 8 x Ø29 (M24) | 8218 | A350P |
| 400-580 | 500HGF | 1250 | 500 | 400 | 1835 | 1028 | 1202 | 700 | 800 | 450 | 450 | 410 | 4579 | 3800 | 300 | 800 | 1250 | 1160 | 6 | 77 | 1937 | 10 x Ø29 (M24) | 8893 | A350Q |
| 450-370 | 315M | 160 | 500 | 450 | 1585 | 868 | 1112 | 650 | 850 | 400 | 400 | 410 | 2745 | 2450 | 225 | 1000 | 1200 | 1130 | 4 | 89 | 1647 | 6 x Ø29 (M24) | 3591 | A180M |
| 450-370 | 315M | 200 | 500 | 450 | 1585 | 868 | 1112 | 650 | 850 | 400 | 400 | 410 | 2745 | 2450 | 225 | 1000 | 1200 | 1130 | 4 | 89 | 1647 | 6 x Ø29 (M24) | 3873 | A200H |
| 450-390 | 315M | 200 | 500 | 450 | 1585 | 868 | 1112 | 650 | 850 | 400 | 400 | 410 | 2745 | 2450 | 225 | 1000 | 1200 | 1130 | 4 | 89 | 1647 | 6 x Ø29 (M24) | 3873 | A200H |
| 450-390 | 315M | 250 | 500 | 450 | 1585 | 868 | 1112 | 650 | 850 | 400 | 400 | 410 | 2745 | 2450 | 225 | 1000 | 1200 | 1130 | 4 | 89 | 1647 | 6 x Ø29 (M24) | 3657 | A200H |
| 450-390 | 355M | 315 | 500 | 450 | 1585 | 868 | 1112 | 650 | 850 | 400 | 400 | 410 | 3056 | 2550 | 225 | 700 | 1200 | 1130 | 6 | 89 | 1702 | 8 x Ø29 (M24) | 3931 | A250D |
| 500-430 | 355M | 355 | 600 | 500 | 1775 | 978 | 1242 | 750 | 1000 | 480 | 480 | 460 | 3246 | 2750 | 250 | 750 | 1410 | 1340 | 6 | 102 | 1847 | 8 x Ø29 (M24) | 4954 | A250H |
| 500-430 | 355LA | 400 | 600 | 500 | 1775 | 978 | 1242 | 750 | 1000 | 480 | 480 | 460 | 3458 | 2900 | 250 | 800 | 1410 | 1340 | 6 | 102 | 1847 | 8 x Ø29 (M24) | 5431 | A250H |
| 500-430 | 355LB | 450 | 600 | 500 | 1775 | 978 | 1242 | 750 | 1000 | 480 | 480 | 460 | 3458 | 2900 | 250 | 800 | 1410 | 1340 | 6 | 102 | 1847 | 8 x Ø29 (M24) | 5431 | A250H |
| 500-450 | 355LB | 450 | 600 | 500 | 1775 | 978 | 1242 | 750 | 1000 | 480 | 480 | 460 | 3458 | 2900 | 250 | 800 | 1410 | 1340 | 6 | 102 | 1847 | 8 x Ø29 (M24) | 5431 | A250H |
| 500-450 | 355LC | 500 | 600 | 500 | 1775 | 978 | 1242 | 750 | 1000 | 480 | 480 | 460 | 3458 | 2900 | 250 | 800 | 1410 | 1340 | 6 | 102 | 1847 | 8 x Ø29 (M24) | 5588 | A250H |
| 500-450 | 400JH | 560 | 600 | 500 | 1775 | 978 | 1242 | 750 | 1000 | 480 | 480 | 460 | 3821 | 3250 | 275 | 900 | 1410 | 1340 | 6 | 102 | 1861 | 8 x Ø29 (M24) | 6497 | A280R |
| 500-450 | 400JH | 630 | 600 | 500 | 1775 | 978 | 1282 | 750 | 1000 | 480 | 480 | 460 | 3821 | 3250 | 275 | 900 | 1410 | 1320 | 6 | 102 | 1901 | 8 x Ø29 (M24) | 7177 | A280R |

NOTE: Pumps with flanges according to EN1092-2 PN16/PN25/PN40 and ASME/ANSI B16.1 #125/#250 and B16.5 #150/#300 as standard Flat Face.

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Flange drilling dimensions and additional Pump dimsions are in separate sections.

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# e-XC SERIES
# DIMENSIONS AND WEIGHTS PBCM AT 50 Hz, 6 POLES

| PUMP TYPE eXC Size | IEC MOTOR FRAME | 1000 [rpm] | DIMENSIONS [mm] | | | | | | | | | | | | | | | | | | | H | z x s | WEIGHT | COUPLING TYPE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | [kW] | DNS | DND | CP | W | H | X | YY | S | Z | c | L | L1 | L2 | L3 | B1 | B2 | DBSE | MRC | | max. | FOR SCREWS | [kg] | |
| 80-205 | L90L | 1,1 | 125 | 80 | 996 | 543 | 443 | 300 | 300 | 160 | 160 | 205 | 1360 | 1100 | 150 | 800 | 600 | 560 | 4 | 115 | | 698 | 4 x Ø19 (M16) | 362 | A110B |
| 80-205 | 100L | 1,5 | 125 | 80 | 996 | 543 | 443 | 300 | 300 | 160 | 160 | 205 | 1376 | 1100 | 150 | 800 | 600 | 560 | 4 | 115 | | 698 | 4 x Ø19 (M16) | 368 | A110C |
| 80-215 | L90L | 1,1 | 125 | 80 | 996 | 543 | 443 | 300 | 300 | 160 | 160 | 205 | 1360 | 1100 | 150 | 800 | 600 | 560 | 4 | 115 | | 698 | 4 x Ø19 (M16) | 362 | A110B |
| 80-215 | 100L | 1,5 | 125 | 80 | 996 | 543 | 443 | 300 | 300 | 160 | 160 | 205 | 1376 | 1100 | 150 | 800 | 600 | 560 | 4 | 115 | | 698 | 4 x Ø19 (M16) | 368 | A110C |
| 80-270 | 100L | 1,5 | 125 | 80 | 996 | 543 | 443 | 300 | 350 | 160 | 160 | 205 | 1376 | 1100 | 150 | 800 | 600 | 560 | 4 | 77 | | 723 | 4 x Ø19 (M16) | 439 | A110C |
| 80-270 | 112M | 2,2 | 125 | 80 | 996 | 543 | 443 | 300 | 350 | 160 | 160 | 205 | 1393 | 1100 | 150 | 800 | 600 | 560 | 4 | 77 | | 723 | 4 x Ø19 (M16) | 453 | A110C |
| 80-270 | 132S | 3 | 125 | 80 | 996 | 543 | 443 | 300 | 350 | 160 | 160 | 205 | 1429 | 1200 | 150 | 450 | 600 | 560 | 4 | 77 | | 723 | 6 x Ø19 (M16) | 444 | A110D |
| 80-270 | 132M | 4 | 125 | 80 | 996 | 543 | 443 | 300 | 350 | 160 | 160 | 205 | 1469 | 1200 | 150 | 450 | 600 | 560 | 4 | 77 | | 723 | 6 x Ø19 (M16) | 453 | A110D |
| 80-285 | 100L | 1,5 | 125 | 80 | 996 | 543 | 443 | 300 | 350 | 160 | 160 | 205 | 1376 | 1100 | 150 | 800 | 600 | 560 | 4 | 115 | | 723 | 4 x Ø19 (M16) | 438 | A110C |
| 80-285 | 112M | 2,2 | 125 | 80 | 996 | 543 | 443 | 300 | 350 | 160 | 160 | 205 | 1393 | 1100 | 150 | 800 | 600 | 560 | 4 | 115 | | 723 | 4 x Ø19 (M16) | 452 | A110C |
| 80-285 | 132S | 3 | 125 | 80 | 996 | 543 | 443 | 300 | 350 | 160 | 160 | 205 | 1429 | 1200 | 150 | 450 | 600 | 560 | 4 | 115 | | 723 | 6 x Ø19 (M16) | 443 | A110D |
| 80-285 | 132M | 4 | 125 | 80 | 996 | 543 | 443 | 300 | 350 | 160 | 160 | 205 | 1469 | 1200 | 150 | 450 | 600 | 560 | 4 | 115 | | 723 | 6 x Ø19 (M16) | 452 | A110D |
| 80-300 | 100L | 1,5 | 125 | 80 | 996 | 543 | 493 | 300 | 370 | 210 | 210 | 205 | 1376 | 1100 | 150 | 800 | 600 | 560 | 4 | 77 | | 798 | 4 x Ø19 (M16) | 480 | A110C |
| 80-300 | 112M | 2,2 | 125 | 80 | 996 | 543 | 493 | 300 | 370 | 210 | 210 | 205 | 1393 | 1100 | 150 | 800 | 600 | 560 | 4 | 77 | | 798 | 4 x Ø19 (M16) | 494 | A110C |
| 80-300 | 132S | 3 | 125 | 80 | 996 | 543 | 493 | 300 | 370 | 210 | 210 | 205 | 1429 | 1200 | 150 | 450 | 600 | 560 | 4 | 77 | | 798 | 6 x Ø19 (M16) | 485 | A110D |
| 80-315 | L90L | 1,1 | 125 | 80 | 996 | 543 | 493 | 300 | 370 | 210 | 210 | 205 | 1360 | 1100 | 150 | 800 | 600 | 560 | 4 | 77 | | 798 | 4 x Ø19 (M16) | 473 | A110B |
| 80-315 | 100L | 1,5 | 125 | 80 | 996 | 543 | 493 | 300 | 370 | 210 | 210 | 205 | 1376 | 1100 | 150 | 800 | 600 | 560 | 4 | 77 | | 798 | 4 x Ø19 (M16) | 479 | A110C |
| 80-315 | 112M | 2,2 | 125 | 80 | 996 | 543 | 493 | 300 | 370 | 210 | 210 | 205 | 1393 | 1100 | 150 | 800 | 600 | 560 | 4 | 77 | | 798 | 4 x Ø19 (M16) | 493 | A110C |
| 80-315 | 132S | 3 | 125 | 80 | 996 | 543 | 493 | 300 | 370 | 210 | 210 | 205 | 1429 | 1200 | 150 | 450 | 600 | 560 | 4 | 77 | | 798 | 6 x Ø19 (M16) | 484 | A110D |
| 80-315 | 132M | 4 | 125 | 80 | 996 | 543 | 493 | 300 | 370 | 210 | 210 | 205 | 1469 | 1200 | 150 | 450 | 600 | 560 | 4 | 77 | | 798 | 6 x Ø19 (M16) | 493 | A110D |
| 80-330 | 112M | 2,2 | 125 | 80 | 996 | 543 | 443 | 350 | 380 | 160 | 160 | 205 | 1393 | 1100 | 150 | 800 | 600 | 560 | 4 | 77 | | 743 | 4 x Ø19 (M16) | 447 | A110C |
| 80-330 | 132S | 3 | 125 | 80 | 996 | 543 | 443 | 350 | 380 | 160 | 160 | 205 | 1429 | 1200 | 150 | 450 | 600 | 560 | 4 | 77 | | 743 | 6 x Ø19 (M16) | 438 | A110D |
| 80-330 | 132M | 4 | 125 | 80 | 996 | 543 | 443 | 350 | 380 | 160 | 160 | 205 | 1469 | 1200 | 150 | 450 | 600 | 560 | 4 | 77 | | 743 | 6 x Ø19 (M16) | 447 | A110D |
| 80-330 | 132M | 5,5 | 125 | 80 | 996 | 543 | 443 | 350 | 380 | 160 | 160 | 205 | 1469 | 1200 | 150 | 450 | 600 | 560 | 4 | 77 | | 743 | 6 x Ø19 (M16) | 447 | A110D |
| 80-345 | 112M | 2,2 | 125 | 80 | 996 | 543 | 443 | 350 | 380 | 160 | 160 | 205 | 1393 | 1100 | 150 | 800 | 600 | 560 | 4 | 77 | | 743 | 4 x Ø19 (M16) | 447 | A110C |
| 80-345 | 132S | 3 | 125 | 80 | 996 | 543 | 443 | 350 | 380 | 160 | 160 | 205 | 1429 | 1200 | 150 | 450 | 600 | 560 | 4 | 77 | | 743 | 6 x Ø19 (M16) | 438 | A110D |
| 80-345 | 132M | 4 | 125 | 80 | 996 | 543 | 443 | 350 | 380 | 160 | 160 | 205 | 1469 | 1200 | 150 | 450 | 600 | 560 | 4 | 77 | | 743 | 6 x Ø19 (M16) | 447 | A110D |
| 80-345 | 132M | 5,5 | 125 | 80 | 996 | 543 | 443 | 350 | 380 | 160 | 160 | 205 | 1469 | 1200 | 150 | 450 | 600 | 560 | 4 | 77 | | 743 | 6 x Ø19 (M16) | 447 | A110D |
| 100-250 | L90L | 1,1 | 150 | 100 | 996 | 543 | 473 | 330 | 350 | 170 | 170 | 205 | 1360 | 1100 | 150 | 800 | 600 | 560 | 4 | 77 | | 758 | 4 x Ø19 (M16) | 424 | A110B |
| 100-250 | 100L | 1,5 | 150 | 100 | 996 | 543 | 473 | 330 | 350 | 170 | 170 | 205 | 1376 | 1100 | 150 | 800 | 600 | 560 | 4 | 77 | | 758 | 4 x Ø19 (M16) | 430 | A110C |
| 100-250 | 112M | 2,2 | 150 | 100 | 996 | 543 | 473 | 330 | 350 | 170 | 170 | 205 | 1393 | 1100 | 150 | 800 | 600 | 560 | 4 | 77 | | 758 | 4 x Ø19 (M16) | 444 | A110C |
| 100-250 | 132S | 3 | 150 | 100 | 996 | 543 | 473 | 330 | 350 | 170 | 170 | 205 | 1429 | 1200 | 150 | 450 | 600 | 560 | 4 | 77 | | 758 | 6 x Ø19 (M16) | 435 | A110D |
| 100-260 | 112M | 2,2 | 150 | 100 | 996 | 543 | 473 | 330 | 350 | 170 | 170 | 205 | 1393 | 1100 | 150 | 800 | 600 | 560 | 4 | 77 | | 758 | 4 x Ø19 (M16) | 443 | A110C |
| 100-260 | 132S | 3 | 150 | 100 | 996 | 543 | 473 | 330 | 350 | 170 | 170 | 205 | 1429 | 1200 | 150 | 450 | 600 | 560 | 4 | 77 | | 758 | 6 x Ø19 (M16) | 434 | A110D |
| 100-260 | 132M | 4 | 150 | 100 | 996 | 543 | 473 | 330 | 350 | 170 | 170 | 205 | 1469 | 1200 | 150 | 450 | 600 | 560 | 4 | 77 | | 758 | 6 x Ø19 (M16) | 443 | A110D |
| 100-310 | 112M | 2,2 | 150 | 100 | 1018 | 568 | 473 | 350 | 400 | 170 | 170 | 205 | 1415 | 1150 | 150 | 425 | 600 | 560 | 4 | 77 | | 773 | 6 x Ø19 (M16) | 474 | A110H |
| 100-310 | 132S | 3 | 150 | 100 | 1018 | 568 | 473 | 350 | 400 | 170 | 170 | 205 | 1451 | 1250 | 150 | 475 | 600 | 560 | 4 | 77 | | 773 | 6 x Ø19 (M16) | 465 | A110J |
| 100-310 | 132M | 4 | 150 | 100 | 1018 | 568 | 473 | 350 | 400 | 170 | 170 | 205 | 1491 | 1250 | 150 | 475 | 600 | 560 | 4 | 77 | | 773 | 6 x Ø19 (M16) | 474 | A110J |
| 100-310 | 132M | 5,5 | 150 | 100 | 1018 | 568 | 473 | 350 | 400 | 170 | 170 | 205 | 1491 | 1250 | 150 | 475 | 600 | 560 | 4 | 77 | | 773 | 6 x Ø19 (M16) | 474 | A110J |
| 100-310 | 160M | 7,5 | 150 | 100 | 1018 | 568 | 473 | 350 | 400 | 170 | 170 | 205 | 1631,5 | 1350 | 175 | 500 | 600 | 560 | 4 | 77 | | 773 | 6 x Ø19 (M16) | 474 | A110K |
| 100-325 | 112M | 2,2 | 150 | 100 | 1018 | 568 | 473 | 350 | 400 | 170 | 170 | 205 | 1415 | 1150 | 150 | 425 | 600 | 560 | 4 | 77 | | 773 | 6 x Ø19 (M16) | 473 | A110H |
| 100-325 | 132S | 3 | 150 | 100 | 1018 | 568 | 473 | 350 | 400 | 170 | 170 | 205 | 1451 | 1250 | 150 | 475 | 600 | 560 | 4 | 77 | | 773 | 6 x Ø19 (M16) | 464 | A110J |
| 100-325 | 132M | 4 | 150 | 100 | 1018 | 568 | 473 | 350 | 400 | 170 | 170 | 205 | 1491 | 1250 | 150 | 475 | 600 | 560 | 4 | 77 | | 773 | 6 x Ø19 (M16) | 473 | A110J |
| 100-325 | 132M | 5,5 | 150 | 100 | 1018 | 568 | 473 | 350 | 400 | 170 | 170 | 205 | 1491 | 1250 | 150 | 475 | 600 | 560 | 4 | 77 | | 773 | 6 x Ø19 (M16) | 473 | A110J |
| 100-325 | 160M | 7,5 | 150 | 100 | 1018 | 568 | 473 | 350 | 400 | 170 | 170 | 205 | 1631,5 | 1350 | 175 | 500 | 600 | 560 | 4 | 77 | | 773 | 6 x Ø19 (M16) | 473 | A110K |
| 100-390 | 112M | 2,2 | 150 | 100 | 996 | 543 | 477 | 400 | 430 | 170 | 170 | 240 | 1393 | 1150 | 150 | 425 | 680 | 640 | 4 | 77 | | 812 | 6 x Ø19 (M16) | 538 | A110C |
| 100-390 | 132S | 3 | 150 | 100 | 996 | 543 | 477 | 400 | 430 | 170 | 170 | 240 | 1429 | 1250 | 150 | 475 | 680 | 640 | 4 | 77 | | 812 | 6 x Ø19 (M16) | 529 | A110D |
| 100-390 | 132M | 4 | 150 | 100 | 996 | 543 | 477 | 400 | 430 | 170 | 170 | 240 | 1469 | 1250 | 150 | 475 | 680 | 640 | 4 | 77 | | 812 | 6 x Ø19 (M16) | 538 | A110D |
| 100-390 | 132M | 5,5 | 150 | 100 | 996 | 543 | 477 | 400 | 430 | 170 | 170 | 240 | 1469 | 1250 | 150 | 475 | 680 | 640 | 4 | 77 | | 812 | 6 x Ø19 (M16) | 538 | A110D |
| 100-390 | 160M | 7,5 | 150 | 100 | 996 | 543 | 477 | 400 | 430 | 170 | 170 | 240 | 1609,5 | 1350 | 175 | 500 | 680 | 640 | 4 | 77 | | 812 | 6 x Ø19 (M16) | 538 | A110E |
| 100-390 | 160L | 11 | 150 | 100 | 996 | 543 | 477 | 400 | 430 | 170 | 170 | 240 | 1654,5 | 1350 | 175 | 500 | 680 | 640 | 4 | 77 | | 812 | 6 x Ø19 (M16) | 595 | A110E |

NOTE: Pumps with flanges according to EN1092-2 PN16/PN25 and ASME/ANSI B16.1 and B16.5 #125/#250/#150/#300 as standard. Flat face only

Flange drilling dimensions and additional Pump dimsions are in separate sections.

C.F. please Consult Factory

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LOWARA
a xylem brand

# e-XC SERIES
# DIMENSIONS AND WEIGHTS PBCM AT 50 Hz, 6 POLES

| PUMP TYPE eXC Size | IEC MOTOR FRAME | 1000 [rpm] [kW] | DIMENSIONS [mm] DNS | DND | CP | W | H | X | YY | S | Z | c | L | L1 | L2 | L3 | B1 | B2 | DBSE | MRC | H max. | z x s FOR SCREWS | WEIGHT [kg] | COUPLING TYPE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 100-410 | 132S | 3 | 150 | 100 | 996 | 543 | 477 | 400 | 430 | 170 | 170 | 240 | 1429 | 1250 | 150 | 475 | 680 | 640 | 4 | 77 | 812 | 6 x Ø19 (M16) | 529 | A110D |
| 100-410 | 132M | 4 | 150 | 100 | 996 | 543 | 477 | 400 | 430 | 170 | 170 | 240 | 1469 | 1250 | 150 | 475 | 680 | 640 | 4 | 77 | 812 | 6 x Ø19 (M16) | 538 | A110D |
| 100-410 | 132M | 5,5 | 150 | 100 | 996 | 543 | 477 | 400 | 430 | 170 | 170 | 240 | 1469 | 1250 | 150 | 475 | 680 | 640 | 4 | 77 | 812 | 6 x Ø19 (M16) | 538 | A110D |
| 100-410 | 160M | 7,5 | 150 | 100 | 996 | 543 | 477 | 400 | 430 | 170 | 170 | 240 | 1609,5 | 1350 | 175 | 500 | 680 | 640 | 4 | 77 | 812 | 6 x Ø19 (M16) | 538 | A110E |
| 100-410 | 160L | 11 | 150 | 100 | 996 | 543 | 477 | 400 | 430 | 170 | 170 | 240 | 1654,5 | 1350 | 175 | 500 | 680 | 640 | 4 | 77 | 812 | 6 x Ø19 (M16) | 595 | A110E |
| 100-410 | 180L | 15 | 150 | 100 | 996 | 543 | 477 | 400 | 430 | 170 | 170 | 240 | 1701 | 1400 | 175 | 525 | 680 | 640 | 4 | 77 | 812 | 6 x Ø19 (M16) | 624 | A125A |
| 125-215 | L90L | 1,1 | 150 | 125 | 996 | 543 | 473 | 300 | 360 | 170 | 170 | 205 | 1360 | 1100 | 150 | 800 | 600 | 560 | 4 | 77 | 748 | 4 x Ø19 (M16) | 443 | A110B |
| 125-215 | 100L | 1,5 | 150 | 125 | 996 | 543 | 473 | 300 | 360 | 170 | 170 | 205 | 1376 | 1100 | 150 | 800 | 600 | 560 | 4 | 77 | 748 | 4 x Ø19 (M16) | 449 | A110C |
| 125-215 | 112M | 2,2 | 150 | 125 | 996 | 543 | 473 | 300 | 360 | 170 | 170 | 205 | 1393 | 1100 | 150 | 800 | 600 | 560 | 4 | 77 | 748 | 4 x Ø19 (M16) | 463 | A110C |
| 125-225 | L90L | 1,1 | 150 | 125 | 996 | 543 | 473 | 300 | 360 | 170 | 170 | 205 | 1360 | 1100 | 150 | 800 | 600 | 560 | 4 | 77 | 748 | 4 x Ø19 (M16) | 443 | A110B |
| 125-225 | 100L | 1,5 | 150 | 125 | 996 | 543 | 473 | 300 | 360 | 170 | 170 | 205 | 1376 | 1100 | 150 | 800 | 600 | 560 | 4 | 77 | 748 | 4 x Ø19 (M16) | 449 | A110C |
| 125-225 | 112M | 2,2 | 150 | 125 | 996 | 543 | 473 | 300 | 360 | 170 | 170 | 205 | 1393 | 1100 | 150 | 800 | 600 | 560 | 4 | 77 | 748 | 4 x Ø19 (M16) | 463 | A110C |
| 125-235 | 112M | 2,2 | 200 | 125 | 1108 | 613 | 547 | 350 | 400 | 200 | 200 | 240 | 1505 | 1250 | 150 | 475 | 680 | 640 | 4 | C.F. | 837 | 6 x Ø19 (M16) | 564 | A110H |
| 125-235 | 132S | 3 | 200 | 125 | 1108 | 613 | 547 | 350 | 400 | 200 | 200 | 240 | 1541 | 1300 | 150 | 500 | 680 | 640 | 4 | C.F. | 837 | 6 x Ø19 (M16) | 555 | A110J |
| 125-235 | 132M | 4 | 200 | 125 | 1108 | 613 | 547 | 350 | 400 | 200 | 200 | 240 | 1581 | 1300 | 150 | 500 | 680 | 640 | 4 | C.F. | 837 | 6 x Ø19 (M16) | 564 | A110J |
| 125-245 | 132S | 3 | 200 | 125 | 1108 | 613 | 547 | 350 | 400 | 200 | 200 | 240 | 1541 | 1300 | 150 | 500 | 680 | 640 | 4 | C.F. | 837 | 6 x Ø19 (M16) | 554 | A110J |
| 125-245 | 132M | 4 | 200 | 125 | 1108 | 613 | 547 | 350 | 400 | 200 | 200 | 240 | 1581 | 1300 | 150 | 500 | 680 | 640 | 4 | C.F. | 837 | 6 x Ø19 (M16) | 563 | A110J |
| 125-245 | 132M | 5,5 | 200 | 125 | 1108 | 613 | 547 | 350 | 400 | 200 | 200 | 240 | 1581 | 1300 | 150 | 500 | 680 | 640 | 4 | C.F. | 837 | 6 x Ø19 (M16) | 563 | A110J |
| 125-285 | 132S | 3 | 200 | 125 | 1108 | 613 | 547 | 350 | 400 | 200 | 200 | 240 | 1541 | 1300 | 150 | 500 | 680 | 640 | 4 | C.F. | 852 | 6 x Ø19 (M16) | 605 | A110J |
| 125-285 | 132M | 4 | 200 | 125 | 1108 | 613 | 547 | 350 | 400 | 200 | 200 | 240 | 1581 | 1300 | 150 | 500 | 680 | 640 | 4 | C.F. | 852 | 6 x Ø19 (M16) | 614 | A110J |
| 125-285 | 132M | 5,5 | 200 | 125 | 1108 | 613 | 547 | 350 | 400 | 200 | 200 | 240 | 1581 | 1300 | 150 | 500 | 680 | 640 | 4 | C.F. | 852 | 6 x Ø19 (M16) | 614 | A110J |
| 125-285 | 160M | 7,5 | 200 | 125 | 1108 | 613 | 547 | 350 | 400 | 200 | 200 | 240 | 1721,5 | 1450 | 175 | 550 | 680 | 640 | 4 | C.F. | 852 | 6 x Ø19 (M16) | 614 | A110K |
| 125-285 | 160L | 11 | 200 | 125 | 1108 | 613 | 547 | 350 | 400 | 200 | 200 | 240 | 1766,5 | 1450 | 175 | 550 | 680 | 640 | 4 | C.F. | 852 | 6 x Ø19 (M16) | 671 | A110K |
| 125-300 | 132S | 3 | 200 | 125 | 1108 | 613 | 547 | 350 | 400 | 200 | 200 | 240 | 1541 | 1300 | 150 | 500 | 680 | 640 | 4 | C.F. | 852 | 6 x Ø19 (M16) | 604 | A110J |
| 125-300 | 132M | 4 | 200 | 125 | 1108 | 613 | 547 | 350 | 400 | 200 | 200 | 240 | 1581 | 1300 | 150 | 500 | 680 | 640 | 4 | C.F. | 852 | 6 x Ø19 (M16) | 613 | A110J |
| 125-300 | 132M | 5,5 | 200 | 125 | 1108 | 613 | 547 | 350 | 400 | 200 | 200 | 240 | 1581 | 1300 | 150 | 500 | 680 | 640 | 4 | C.F. | 852 | 6 x Ø19 (M16) | 613 | A110J |
| 125-300 | 160M | 7,5 | 200 | 125 | 1108 | 613 | 547 | 350 | 400 | 200 | 200 | 240 | 1721,5 | 1450 | 175 | 550 | 680 | 640 | 4 | C.F. | 852 | 6 x Ø19 (M16) | 613 | A110K |
| 125-300 | 160L | 11 | 200 | 125 | 1108 | 613 | 547 | 350 | 400 | 200 | 200 | 240 | 1766,5 | 1450 | 175 | 550 | 680 | 640 | 4 | C.F. | 852 | 6 x Ø19 (M16) | 670 | A110K |
| 125-370 | 132M | 5,5 | 200 | 125 | 1108 | 613 | 547 | 400 | 450 | 200 | 200 | 240 | 1581 | 1300 | 150 | 500 | 680 | 640 | 4 | 77 | 887 | 6 x Ø19 (M16) | 614 | A110J |
| 125-370 | 160M | 7,5 | 200 | 125 | 1108 | 613 | 547 | 400 | 450 | 200 | 200 | 240 | 1721,5 | 1450 | 175 | 550 | 680 | 640 | 4 | 77 | 887 | 6 x Ø19 (M16) | 614 | A110K |
| 125-370 | 160L | 11 | 200 | 125 | 1108 | 613 | 547 | 400 | 450 | 200 | 200 | 240 | 1766,5 | 1450 | 175 | 550 | 680 | 640 | 4 | 77 | 887 | 6 x Ø19 (M16) | 671 | A110K |
| 125-370 | 180L | 15 | 200 | 125 | 1108 | 613 | 547 | 400 | 450 | 200 | 200 | 240 | 1813 | 1500 | 175 | 575 | 680 | 640 | 4 | 77 | 887 | 6 x Ø19 (M16) | 700 | A125C |
| 125-370 | 200L | 18,5 | 200 | 125 | 1108 | 613 | 547 | 400 | 450 | 200 | 200 | 240 | 1893 | 1550 | 175 | 600 | 680 | 640 | 4 | 77 | 887 | 6 x Ø19 (M16) | 700 | A125D |
| 125-390 | 160L | 11 | 200 | 125 | 1108 | 613 | 547 | 400 | 450 | 200 | 200 | 240 | 1766,5 | 1450 | 175 | 550 | 680 | 640 | 4 | 77 | 887 | 6 x Ø19 (M16) | 670 | A110K |
| 125-390 | 180L | 15 | 200 | 125 | 1108 | 613 | 547 | 400 | 450 | 200 | 200 | 240 | 1813 | 1500 | 175 | 575 | 680 | 640 | 4 | 77 | 887 | 6 x Ø19 (M16) | 699 | A125C |
| 125-390 | 200L | 18,5 | 200 | 125 | 1108 | 613 | 547 | 400 | 450 | 200 | 200 | 240 | 1893 | 1550 | 175 | 600 | 680 | 640 | 4 | 77 | 887 | 6 x Ø19 (M16) | 699 | A125D |
| 125-390 | 200L | 22 | 200 | 125 | 1108 | 613 | 547 | 400 | 450 | 200 | 200 | 240 | 1893 | 1550 | 175 | 600 | 680 | 640 | 4 | 77 | 887 | 6 x Ø19 (M16) | 767 | A125D |
| 125-450 | 160L | 11 | 200 | 125 | 1108 | 613 | 547 | 450 | 500 | 200 | 200 | 290 | 1766,5 | 1500 | 175 | 575 | 730 | 690 | 4 | 77 | 927 | 6 x Ø19 (M16) | 721 | A110K |
| 125-450 | 180L | 15 | 200 | 125 | 1108 | 613 | 547 | 450 | 500 | 200 | 200 | 290 | 1813 | 1550 | 175 | 600 | 730 | 690 | 4 | 77 | 927 | 6 x Ø19 (M16) | 750 | A125C |
| 125-450 | 200L | 18,5 | 200 | 125 | 1108 | 613 | 547 | 450 | 500 | 200 | 200 | 290 | 1893 | 1600 | 175 | 625 | 730 | 690 | 4 | 77 | 927 | 6 x Ø19 (M16) | 750 | A125D |
| 125-450 | 200L | 22 | 200 | 125 | 1108 | 613 | 547 | 450 | 500 | 200 | 200 | 290 | 1893 | 1600 | 175 | 625 | 730 | 690 | 4 | 77 | 927 | 6 x Ø19 (M16) | 818 | A125D |
| 125-450 | 225M | 30 | 200 | 125 | 1108 | 613 | 547 | 450 | 500 | 200 | 200 | 290 | 1952,5 | 1650 | 175 | 650 | 730 | 690 | 4 | 77 | 927 | 6 x Ø19 (M16) | 884 | A140B |
| 125-475 | 160L | 11 | 200 | 125 | 1108 | 613 | 547 | 450 | 500 | 200 | 200 | 290 | 1766,5 | 1500 | 175 | 575 | 730 | 690 | 4 | 77 | 927 | 6 x Ø19 (M16) | 721 | A110K |
| 125-475 | 180L | 15 | 200 | 125 | 1108 | 613 | 547 | 450 | 500 | 200 | 200 | 290 | 1813 | 1550 | 175 | 600 | 730 | 690 | 4 | 77 | 927 | 6 x Ø19 (M16) | 750 | A125C |
| 125-475 | 200L | 18,5 | 200 | 125 | 1108 | 613 | 547 | 450 | 500 | 200 | 200 | 290 | 1893 | 1600 | 175 | 625 | 730 | 690 | 4 | 77 | 927 | 6 x Ø19 (M16) | 750 | A125D |
| 125-475 | 200L | 22 | 200 | 125 | 1108 | 613 | 547 | 450 | 500 | 200 | 200 | 290 | 1893 | 1600 | 175 | 625 | 730 | 690 | 4 | 77 | 927 | 6 x Ø19 (M16) | 818 | A125D |
| 125-475 | 225M | 30 | 200 | 125 | 1108 | 613 | 567 | 450 | 500 | 200 | 200 | 290 | 1952,5 | 1650 | 175 | 650 | 730 | 680 | 4 | 77 | 947 | 6 x Ø19 (M16) | 884 | A140B |

NOTE: Pumps with flanges according to EN1092-2 PN16/PN25 and ASME/ANSI B16.1 and B16.5 #125/#250/#150/#300 as standard. Flat face only

eXC_6p50_en_b_td 2

Flange drilling dimensions and additional Pump dimsions are in separate sections.

C.F. please Consult Factory

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# e-XC SERIES
# DIMENSIONS AND WEIGHTS PBCM AT 50 Hz, 6 POLES

| PUMP TYPE eXC Size | IEC MOTOR FRAME | 1000 [rpm] [kW] | DIMENSIONS [mm] | | | | | | | | | | | | | | | | | | | H max. | z x s FOR SCREWS | WEIGHT [kg] | COUPLING TYPE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | DNS | DND | CP | W | H | X | YY | S | Z | c | L | L1 | L2 | L3 | B1 | B2 | DBSE | MRC | | | | | |
| 150-160 | L90L | 1,1 | 200 | 150 | 996 | 543 | 507 | 400 | 400 | 160 | 160 | 240 | 1360 | 1100 | 150 | 800 | 680 | 640 | 4 | 77 | | 782 | 4 x Ø19 (M16) | 463 | A110B |
| 150-160 | 100L | 1,5 | 200 | 150 | 996 | 543 | 507 | 400 | 400 | 160 | 160 | 240 | 1376 | 1150 | 150 | 425 | 680 | 640 | 4 | 77 | | 782 | 6 x Ø19 (M16) | 469 | A110C |
| 150-170 | L90L | 1,1 | 200 | 150 | 996 | 543 | 507 | 400 | 400 | 160 | 160 | 240 | 1360 | 1100 | 150 | 800 | 680 | 640 | 4 | 77 | | 782 | 4 x Ø19 (M16) | 463 | A110B |
| 150-170 | 100L | 1,5 | 200 | 150 | 996 | 543 | 507 | 400 | 400 | 160 | 160 | 240 | 1376 | 1150 | 150 | 425 | 680 | 640 | 4 | 77 | | 782 | 6 x Ø19 (M16) | 469 | A110C |
| 150-285 | 132M | 5,5 | 200 | 150 | 1178 | 648 | 577 | 400 | 450 | 230 | 230 | 240 | 1651 | 1350 | 175 | 500 | 680 | 640 | 4 | 77 | | 897 | 6 x Ø19 (M16) | 653 | A110J |
| 150-285 | 160M | 7,5 | 200 | 150 | 1178 | 648 | 577 | 400 | 450 | 230 | 230 | 240 | 1791,5 | 1450 | 175 | 550 | 680 | 640 | 4 | 77 | | 897 | 6 x Ø19 (M16) | 653 | A110K |
| 150-285 | 160L | 11 | 200 | 150 | 1178 | 648 | 577 | 400 | 450 | 230 | 230 | 240 | 1836,5 | 1450 | 175 | 550 | 680 | 640 | 4 | 77 | | 897 | 6 x Ø19 (M16) | 710 | A110K |
| 150-300 | 132M | 5,5 | 200 | 150 | 1178 | 648 | 577 | 400 | 450 | 230 | 230 | 240 | 1651 | 1350 | 175 | 500 | 680 | 640 | 4 | 77 | | 897 | 6 x Ø19 (M16) | 653 | A110J |
| 150-300 | 160M | 7,5 | 200 | 150 | 1178 | 648 | 577 | 400 | 450 | 230 | 230 | 240 | 1791,5 | 1450 | 175 | 550 | 680 | 640 | 4 | 77 | | 897 | 6 x Ø19 (M16) | 653 | A110K |
| 150-300 | 160L | 11 | 200 | 150 | 1178 | 648 | 577 | 400 | 450 | 230 | 230 | 240 | 1836,5 | 1450 | 175 | 550 | 680 | 640 | 4 | 77 | | 897 | 6 x Ø19 (M16) | 710 | A110K |
| 150-300 | 180L | 15 | 200 | 150 | 1178 | 648 | 577 | 400 | 450 | 230 | 230 | 240 | 1883 | 1500 | 175 | 575 | 680 | 640 | 4 | 77 | | 897 | 6 x Ø19 (M16) | 739 | A125C |
| 150-340 | 132M | 5,5 | 200 | 150 | 1178 | 648 | 577 | 400 | 450 | 230 | 230 | 240 | 1651 | 1350 | 175 | 500 | 680 | 640 | 4 | 77 | | 922 | 6 x Ø19 (M16) | 664 | A110J |
| 150-340 | 160M | 7,5 | 200 | 150 | 1178 | 648 | 577 | 400 | 450 | 230 | 230 | 240 | 1791,5 | 1450 | 175 | 550 | 680 | 640 | 4 | 77 | | 922 | 6 x Ø19 (M16) | 664 | A110K |
| 150-340 | 160L | 11 | 200 | 150 | 1178 | 648 | 577 | 400 | 450 | 230 | 230 | 240 | 1836,5 | 1450 | 175 | 550 | 680 | 640 | 4 | 77 | | 922 | 6 x Ø19 (M16) | 721 | A110K |
| 150-340 | 180L | 15 | 200 | 150 | 1178 | 648 | 577 | 400 | 450 | 230 | 230 | 240 | 1883 | 1500 | 175 | 575 | 680 | 640 | 4 | 77 | | 922 | 6 x Ø19 (M16) | 750 | A125C |
| 150-355 | 160M | 7,5 | 200 | 150 | 1178 | 648 | 577 | 400 | 450 | 230 | 230 | 240 | 1791,5 | 1450 | 175 | 550 | 680 | 640 | 4 | 77 | | 922 | 6 x Ø19 (M16) | 663 | A110K |
| 150-355 | 160L | 11 | 200 | 150 | 1178 | 648 | 577 | 400 | 450 | 230 | 230 | 240 | 1836,5 | 1450 | 175 | 550 | 680 | 640 | 4 | 77 | | 922 | 6 x Ø19 (M16) | 720 | A110K |
| 150-355 | 180L | 15 | 200 | 150 | 1178 | 648 | 577 | 400 | 450 | 230 | 230 | 240 | 1883 | 1500 | 175 | 575 | 680 | 640 | 4 | 77 | | 922 | 6 x Ø19 (M16) | 749 | A125C |
| 150-355 | 200L | 18,5 | 200 | 150 | 1178 | 648 | 577 | 400 | 450 | 230 | 230 | 240 | 1963 | 1550 | 175 | 600 | 680 | 640 | 4 | 77 | | 922 | 6 x Ø19 (M16) | 749 | A125D |
| 150-355 | 200L | 22 | 200 | 150 | 1178 | 648 | 577 | 400 | 450 | 230 | 230 | 240 | 1963 | 1550 | 175 | 600 | 680 | 640 | 4 | 77 | | 922 | 6 x Ø19 (M16) | 817 | A125D |
| 150-435 | 160M | 7,5 | 200 | 150 | 1235 | 678 | 577 | 450 | 500 | 230 | 230 | 240 | 1848,5 | 1500 | 175 | 575 | 680 | 640 | 4 | 89 | | 957 | 6 x Ø19 (M16) | 744 | A110Q |
| 150-435 | 160L | 11 | 200 | 150 | 1235 | 678 | 577 | 450 | 500 | 230 | 230 | 240 | 1893,5 | 1500 | 175 | 575 | 680 | 640 | 4 | 89 | | 957 | 6 x Ø19 (M16) | 801 | A110Q |
| 150-435 | 180L | 15 | 200 | 150 | 1235 | 678 | 577 | 450 | 500 | 230 | 230 | 240 | 1940 | 1550 | 175 | 600 | 680 | 640 | 4 | 89 | | 957 | 6 x Ø19 (M16) | 830 | A125E |
| 150-435 | 200L | 18,5 | 200 | 150 | 1235 | 678 | 577 | 450 | 500 | 230 | 230 | 240 | 2020 | 1600 | 175 | 625 | 680 | 640 | 4 | 89 | | 957 | 6 x Ø19 (M16) | 830 | A125F |
| 150-435 | 200L | 22 | 200 | 150 | 1235 | 678 | 577 | 450 | 500 | 230 | 230 | 240 | 2020 | 1600 | 175 | 625 | 680 | 640 | 4 | 89 | | 957 | 6 x Ø19 (M16) | 898 | A125F |
| 150-435 | 225M | 30 | 200 | 150 | 1235 | 678 | 597 | 450 | 500 | 230 | 230 | 240 | 2079,5 | 1700 | 175 | 675 | 680 | 640 | 4 | 89 | | 977 | 6 x Ø19 (M16) | 964 | A140C |
| 150-435 | 250M | 37 | 200 | 150 | 1235 | 678 | 597 | 450 | 500 | 230 | 230 | 240 | 2145,5 | 1750 | 175 | 700 | 730 | 680 | 4 | 89 | | 977 | 6 x Ø19 (M16) | 1106 | A160C |
| 150-455 | 180L | 15 | 200 | 150 | 1235 | 678 | 577 | 450 | 500 | 230 | 230 | 240 | 1940 | 1550 | 175 | 600 | 680 | 640 | 4 | 89 | | 957 | 6 x Ø19 (M16) | 830 | A125E |
| 150-455 | 200L | 18,5 | 200 | 150 | 1235 | 678 | 577 | 450 | 500 | 230 | 230 | 240 | 2020 | 1600 | 175 | 625 | 680 | 640 | 4 | 89 | | 957 | 6 x Ø19 (M16) | 830 | A125F |
| 150-455 | 200L | 22 | 200 | 150 | 1235 | 678 | 577 | 450 | 500 | 230 | 230 | 240 | 2020 | 1600 | 175 | 625 | 680 | 640 | 4 | 89 | | 957 | 6 x Ø19 (M16) | 898 | A125F |
| 150-455 | 225M | 30 | 200 | 150 | 1235 | 678 | 597 | 450 | 500 | 230 | 230 | 240 | 2079,5 | 1700 | 175 | 675 | 680 | 630 | 4 | 89 | | 977 | 6 x Ø19 (M16) | 964 | A140C |
| 150-455 | 250M | 37 | 200 | 150 | 1235 | 678 | 597 | 450 | 500 | 230 | 230 | 240 | 2145,5 | 1750 | 175 | 700 | 730 | 680 | 4 | 89 | | 977 | 6 x Ø19 (M16) | 1106 | A160C |
| 150-535 | 200L | 22 | 200 | 150 | 1335 | 743 | 667 | 500 | 600 | 300 | 300 | 320 | 2120 | 1750 | 175 | 700 | 900 | 850 | 4 | 89 | | 1107 | 6 x Ø19 (M16) | 1302 | A140K |
| 150-535 | 225M | 30 | 200 | 150 | 1335 | 743 | 667 | 500 | 600 | 300 | 300 | 320 | 2179,5 | 1850 | 200 | 725 | 900 | 850 | 4 | 89 | | 1107 | 6 x Ø19 (M16) | 1366 | A140L |
| 150-535 | 250M | 37 | 200 | 150 | 1335 | 743 | 667 | 500 | 600 | 300 | 300 | 320 | 2245,5 | 1900 | 200 | 750 | 900 | 850 | 4 | 89 | | 1107 | 6 x Ø19 (M16) | 1508 | A160D |
| 150-535 | 280S | 45 | 200 | 150 | 1335 | 743 | 667 | 500 | 600 | 300 | 300 | 320 | 2295,5 | 2000 | 200 | 800 | 900 | 850 | 4 | 89 | | 1107 | 6 x Ø19 (M16) | 1586 | A180L |
| 150-535 | 280M | 55 | 200 | 150 | 1335 | 743 | 687 | 500 | 600 | 300 | 300 | 320 | 2350,5 | 2000 | 200 | 800 | 910 | 860 | 4 | 89 | | 1127 | 6 x Ø26 (M20) | 1682 | A180L |
| 150-535 | 315S | 75 | 200 | 150 | 1335 | 743 | 707 | 500 | 600 | 300 | 300 | 320 | 2495 | 2200 | 200 | 900 | 910 | 860 | 4 | 89 | | 1264 | 6 x Ø26 (M20) | 1978 | A180M |
| 150-560 | 225M | 30 | 200 | 150 | 1335 | 743 | 687 | 500 | 600 | 300 | 300 | 320 | 2179,5 | 1850 | 200 | 725 | 910 | 860 | 4 | 89 | | 1127 | 6 x Ø26 (M20) | 1364 | A140L |
| 150-560 | 250M | 37 | 200 | 150 | 1335 | 743 | 687 | 500 | 600 | 300 | 300 | 320 | 2245,5 | 1900 | 200 | 750 | 910 | 860 | 4 | 89 | | 1127 | 6 x Ø26 (M20) | 1506 | A160D |
| 150-560 | 280S | 45 | 200 | 150 | 1335 | 743 | 687 | 500 | 600 | 300 | 300 | 320 | 2295,5 | 2000 | 200 | 800 | 910 | 860 | 4 | 89 | | 1127 | 6 x Ø26 (M20) | 1584 | A180L |
| 150-560 | 280M | 55 | 200 | 150 | 1335 | 743 | 687 | 500 | 600 | 300 | 300 | 320 | 2350,5 | 2000 | 200 | 800 | 910 | 860 | 4 | 89 | | 1127 | 6 x Ø26 (M20) | 1680 | A180L |
| 150-560 | 315S | 75 | 200 | 150 | 1335 | 743 | 707 | 500 | 600 | 300 | 300 | 320 | 2495 | 2200 | 200 | 900 | 910 | 860 | 4 | 89 | | 1264 | 6 x Ø26 (M20) | 1976 | A180M |
| 150-560 | 315M | 90 | 200 | 150 | 1335 | 743 | 707 | 500 | 600 | 300 | 300 | 320 | 2495 | 2200 | 200 | 900 | 910 | 860 | 4 | 89 | | 1232 | 6 x Ø26 (M20) | 2054 | A180M |
| 200-190 | 100L | 1,5 | 200 | 200 | 1056 | 573 | 567 | 400 | 450 | 200 | 200 | 240 | 1436 | 1200 | 150 | 450 | 680 | 630 | 4 | 77 | | 872 | 6 x Ø19 (M16) | 584 | A110C |
| 200-190 | 112M | 2,2 | 200 | 200 | 1056 | 573 | 567 | 400 | 450 | 200 | 200 | 240 | 1453 | 1200 | 150 | 450 | 680 | 630 | 4 | 77 | | 872 | 6 x Ø19 (M16) | 598 | A110C |
| 200-200 | 100L | 1,5 | 200 | 200 | 1056 | 573 | 567 | 400 | 450 | 200 | 200 | 240 | 1436 | 1200 | 150 | 450 | 680 | 630 | 4 | 77 | | 872 | 6 x Ø19 (M16) | 584 | A110C |
| 200-200 | 112M | 2,2 | 200 | 200 | 1056 | 573 | 567 | 400 | 450 | 200 | 200 | 240 | 1453 | 1200 | 150 | 450 | 680 | 630 | 4 | 77 | | 872 | 6 x Ø19 (M16) | 598 | A110C |
| 200-200 | 132S | 3 | 200 | 200 | 1056 | 573 | 567 | 400 | 450 | 200 | 200 | 240 | 1489 | 1300 | 150 | 500 | 680 | 630 | 4 | 77 | | 872 | 6 x Ø19 (M16) | 589 | A110D |

NOTE: Pumps with flanges according to EN1092-2 PN16/PN25 and ASME/ANSI B16.1 and B16.5 #125/#250/#150/#300 as standard. Flat face only
Flange drilling dimensions and additional Pump dimsions are in separate sections.
C.F. please Consult Factory

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# e-XC SERIES
# DIMENSIONS AND WEIGHTS PBCM AT 50 Hz, 6 POLES

| PUMP TYPE eXC Size | IEC MOTOR FRAME | 1000 [rpm] | DIMENSIONS [mm] | | | | | | | | | | | | | | | | | | | H | z x s | WEIGHT | COUPLING TYPE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | [kW] | DNS | DND | CP | W | H | X | YY | S | Z | c | L | L1 | L2 | L3 | B1 | B2 | DBSE | MRC | max. | FOR SCREWS | [kg] | |
| 200-235 | 132S | 3 | 250 | 200 | 1178 | 648 | 627 | 400 | 500 | 230 | 230 | 290 | 1611 | 1400 | 175 | 525 | 730 | 680 | 4 | 77 | 977 | 6 x Ø19 (M16) | 834 | A110J |
| 200-235 | 132M | 4 | 250 | 200 | 1178 | 648 | 627 | 400 | 500 | 230 | 230 | 290 | 1651 | 1400 | 175 | 525 | 730 | 680 | 4 | 77 | 977 | 6 x Ø19 (M16) | 843 | A110J |
| 200-235 | 132M | 5,5 | 250 | 200 | 1178 | 648 | 627 | 400 | 500 | 230 | 230 | 290 | 1651 | 1400 | 175 | 525 | 730 | 680 | 4 | 77 | 977 | 6 x Ø19 (M16) | 843 | A110J |
| 200-250 | 132M | 5,5 | 250 | 200 | 1178 | 648 | 627 | 400 | 500 | 230 | 230 | 290 | 1651 | 1400 | 175 | 525 | 730 | 680 | 4 | 77 | 977 | 6 x Ø19 (M16) | 843 | A110J |
| 200-250 | 160M | 7,5 | 250 | 200 | 1178 | 648 | 627 | 400 | 500 | 230 | 230 | 290 | 1791,5 | 1500 | 175 | 575 | 730 | 680 | 4 | 77 | 977 | 6 x Ø19 (M16) | 843 | A110K |
| 200-330 | 160L | 11 | 250 | 200 | 1235 | 678 | 667 | 400 | 500 | 270 | 270 | 290 | 1893,5 | 1550 | 175 | 600 | 730 | 680 | 4 | 89 | 1027 | 6 x Ø19 (M16) | 851 | A110Q |
| 200-330 | 180L | 15 | 250 | 200 | 1235 | 678 | 667 | 400 | 500 | 270 | 270 | 290 | 1940 | 1600 | 175 | 625 | 730 | 680 | 4 | 89 | 1027 | 6 x Ø19 (M16) | 880 | A125E |
| 200-330 | 200L | 18,5 | 250 | 200 | 1235 | 678 | 667 | 400 | 500 | 270 | 270 | 290 | 2020 | 1650 | 175 | 650 | 730 | 680 | 4 | 89 | 1027 | 6 x Ø19 (M16) | 880 | A125F |
| 200-345 | 180L | 15 | 250 | 200 | 1235 | 678 | 667 | 400 | 500 | 270 | 270 | 290 | 1940 | 1600 | 175 | 625 | 730 | 680 | 4 | 89 | 1027 | 6 x Ø19 (M16) | 879 | A125E |
| 200-345 | 200L | 18,5 | 250 | 200 | 1235 | 678 | 667 | 400 | 500 | 270 | 270 | 290 | 2020 | 1650 | 175 | 650 | 730 | 680 | 4 | 89 | 1027 | 6 x Ø19 (M16) | 879 | A125F |
| 200-345 | 200L | 22 | 250 | 200 | 1235 | 678 | 667 | 400 | 500 | 270 | 270 | 290 | 2020 | 1650 | 175 | 650 | 730 | 680 | 4 | 89 | 1027 | 6 x Ø19 (M16) | 947 | A125F |
| 200-345 | 225M | 30 | 250 | 200 | 1235 | 678 | 667 | 400 | 500 | 270 | 270 | 290 | 2079,5 | 1750 | 175 | 700 | 730 | 680 | 4 | 89 | 1027 | 6 x Ø19 (M16) | 1013 | A140C |
| 200-405 | 180L | 15 | 250 | 200 | 1345 | 733 | 667 | 500 | 550 | 270 | 270 | 290 | 2050 | 1650 | 175 | 650 | 730 | 680 | 4 | 89 | 1062 | 6 x Ø19 (M16) | 1052 | A125E |
| 200-405 | 200L | 18,5 | 250 | 200 | 1345 | 733 | 667 | 500 | 550 | 270 | 270 | 290 | 2130 | 1700 | 175 | 675 | 730 | 680 | 4 | 89 | 1062 | 6 x Ø19 (M16) | 1052 | A125F |
| 200-405 | 200L | 22 | 250 | 200 | 1345 | 733 | 667 | 500 | 550 | 270 | 270 | 290 | 2130 | 1700 | 175 | 675 | 730 | 680 | 4 | 89 | 1062 | 6 x Ø19 (M16) | 1120 | A125F |
| 200-405 | 225M | 30 | 250 | 200 | 1345 | 733 | 667 | 500 | 550 | 270 | 270 | 290 | 2189,5 | 1800 | 175 | 725 | 730 | 680 | 4 | 89 | 1062 | 6 x Ø19 (M16) | 1186 | A140C |
| 200-405 | 250M | 37 | 250 | 200 | 1345 | 733 | 667 | 500 | 550 | 270 | 270 | 290 | 2255,5 | 1850 | 200 | 725 | 730 | 680 | 4 | 89 | 1062 | 6 x Ø19 (M16) | 1328 | A160C |
| 200-425 | 200L | 18,5 | 250 | 200 | 1345 | 733 | 667 | 500 | 550 | 270 | 270 | 290 | 2130 | 1700 | 175 | 675 | 730 | 680 | 4 | 89 | 1062 | 6 x Ø19 (M16) | 1050 | A125F |
| 200-425 | 200L | 22 | 250 | 200 | 1345 | 733 | 667 | 500 | 550 | 270 | 270 | 290 | 2130 | 1700 | 175 | 675 | 730 | 680 | 4 | 89 | 1062 | 6 x Ø19 (M16) | 1118 | A125F |
| 200-425 | 225M | 30 | 250 | 200 | 1345 | 733 | 667 | 500 | 550 | 270 | 270 | 290 | 2189,5 | 1800 | 175 | 725 | 730 | 680 | 4 | 89 | 1062 | 6 x Ø19 (M16) | 1184 | A140C |
| 200-425 | 250M | 37 | 250 | 200 | 1345 | 733 | 687 | 500 | 550 | 270 | 270 | 290 | 2255,5 | 1850 | 200 | 725 | 740 | 690 | 4 | 89 | 1082 | 6 x Ø26 (M20) | 1326 | A160C |
| 200-425 | 280S | 45 | 250 | 200 | 1345 | 733 | 687 | 500 | 550 | 270 | 270 | 290 | 2305,5 | 1950 | 200 | 775 | 830 | 780 | 4 | 89 | 1100 | 6 x Ø26 (M20) | 1404 | A180H |
| 200-505 | 280S | 45 | 250 | 200 | 1335 | 743 | 717 | 500 | 550 | 300 | 300 | 320 | 2295,5 | 2000 | 200 | 800 | 910 | 860 | 4 | 89 | 1157 | 6 x Ø26 (M20) | 1669 | A180L |
| 200-505 | 280M | 55 | 250 | 200 | 1335 | 743 | 737 | 500 | 550 | 300 | 300 | 320 | 2350,5 | 2000 | 200 | 800 | 910 | 860 | 4 | 89 | 1177 | 6 x Ø26 (M20) | 1765 | A180L |
| 200-505 | 315S | 75 | 250 | 200 | 1335 | 743 | 737 | 500 | 550 | 300 | 300 | 320 | 2495 | 2200 | 200 | 900 | 910 | 860 | 4 | 89 | 1294 | 6 x Ø26 (M20) | 2061 | A180M |
| 200-530 | 280S | 45 | 250 | 200 | 1335 | 743 | 697 | 500 | 550 | 300 | 300 | 320 | 2295,5 | 2000 | 200 | 800 | 900 | 850 | 4 | 89 | 1137 | 6 x Ø19 (M16) | 1666 | A180L |
| 200-530 | 280M | 55 | 250 | 200 | 1335 | 743 | 697 | 500 | 550 | 300 | 300 | 320 | 2350,5 | 2000 | 200 | 800 | 900 | 850 | 4 | 89 | 1137 | 6 x Ø19 (M16) | 1762 | A180L |
| 200-530 | 315S | 75 | 250 | 200 | 1335 | 743 | 717 | 500 | 550 | 300 | 300 | 320 | 2495 | 2200 | 200 | 900 | 910 | 860 | 4 | 89 | 1274 | 6 x Ø26 (M20) | 2058 | A180M |
| 200-530 | 315M | 90 | 250 | 200 | 1335 | 743 | 717 | 500 | 550 | 300 | 300 | 320 | 2495 | 2200 | 200 | 900 | 910 | 860 | 4 | 89 | 1242 | 6 x Ø26 (M20) | 2136 | A180M |
| 200-530 | 315M | 110 | 250 | 200 | 1335 | 743 | 737 | 500 | 550 | 300 | 300 | 320 | 2495 | 2200 | 200 | 900 | 910 | 860 | 4 | 89 | 1262 | 6 x Ø26 (M20) | 2216 | A180M |
| 200-625 | 315S | 75 | 250 | 200 | 1343 | 748 | 807 | 600 | 650 | 350 | 350 | 320 | 2503 | 2200 | 200 | 900 | 910 | 860 | 4 | 102 | 1364 | 6 x Ø26 (M20) | 2376 | A180Y |
| 200-625 | 315M | 90 | 250 | 200 | 1343 | 748 | 807 | 600 | 650 | 350 | 350 | 320 | 2503 | 2200 | 200 | 900 | 910 | 860 | 4 | 102 | 1332 | 6 x Ø26 (M20) | 2454 | A180Y |
| 200-625 | 315M | 110 | 250 | 200 | 1343 | 748 | 807 | 600 | 650 | 350 | 350 | 320 | 2503 | 2200 | 200 | 900 | 910 | 860 | 4 | 102 | 1332 | 6 x Ø26 (M20) | 2534 | A180Y |
| 200-625 | 315M | 132 | 250 | 200 | 1343 | 748 | 807 | 600 | 650 | 350 | 350 | 320 | 2503 | 2200 | 200 | 900 | 910 | 860 | 4 | 102 | 1332 | 6 x Ø26 (M20) | 2728 | A200K |
| 200-625 | 355M | 160 | 250 | 200 | 1343 | 748 | 847 | 600 | 650 | 350 | 350 | 320 | 2812 | 2350 | 225 | 950 | 1030 | 960 | 4 | 102 | 1437 | 6 x Ø29 (M24) | 3081 | A200K |
| 200-655 | 315S | 75 | 250 | 200 | 1343 | 748 | 807 | 600 | 650 | 350 | 350 | 320 | 2503 | 2200 | 200 | 900 | 910 | 860 | 4 | 102 | 1364 | 6 x Ø26 (M20) | 2373 | A180Y |
| 200-655 | 315M | 90 | 250 | 200 | 1343 | 748 | 807 | 600 | 650 | 350 | 350 | 320 | 2503 | 2200 | 200 | 900 | 910 | 860 | 4 | 102 | 1332 | 6 x Ø26 (M20) | 2451 | A180Y |
| 200-655 | 315M | 110 | 250 | 200 | 1343 | 748 | 847 | 600 | 650 | 350 | 350 | 320 | 2503 | 2200 | 200 | 900 | 930 | 860 | 4 | 102 | 1372 | 6 x Ø29 (M24) | 2531 | A180Y |
| 200-655 | 315M | 132 | 250 | 200 | 1343 | 748 | 807 | 600 | 650 | 350 | 350 | 320 | 2503 | 2200 | 200 | 900 | 910 | 860 | 4 | 102 | 1332 | 6 x Ø26 (M20) | 2725 | A200K |
| 200-655 | 355M | 160 | 250 | 200 | 1343 | 748 | 847 | 600 | 650 | 350 | 350 | 320 | 2812 | 2350 | 225 | 950 | 1030 | 960 | 4 | 102 | 1437 | 6 x Ø29 (M24) | 3078 | A200K |
| 250-190 | 112M | 2,2 | 250 | 250 | 1106 | 598 | 647 | 450 | 500 | 220 | 220 | 290 | 1503 | 1250 | 150 | 475 | 740 | 690 | 4 | 77 | 982 | 6 x Ø26 (M20) | 663 | A110C |
| 250-190 | 132S | 3 | 250 | 250 | 1106 | 598 | 647 | 450 | 500 | 220 | 220 | 290 | 1539 | 1350 | 175 | 500 | 740 | 690 | 4 | 77 | 982 | 6 x Ø26 (M20) | 654 | A110D |
| 250-200 | 132S | 3 | 250 | 250 | 1106 | 598 | 647 | 450 | 500 | 220 | 220 | 290 | 1539 | 1350 | 175 | 500 | 740 | 690 | 4 | 77 | 982 | 6 x Ø26 (M20) | 654 | A110D |
| 250-200 | 132M | 4 | 250 | 250 | 1106 | 598 | 647 | 450 | 500 | 220 | 220 | 290 | 1579 | 1350 | 175 | 500 | 740 | 690 | 4 | 77 | 982 | 6 x Ø26 (M20) | 663 | A110D |
| 250-370 | 225M | 30 | 300 | 250 | 1385 | 768 | 747 | 500 | 550 | 300 | 300 | 320 | 2229,5 | 1850 | 200 | 725 | 910 | 860 | 4 | 89 | 1137 | 6 x Ø26 (M20) | 1336 | A140L |
| 250-370 | 250M | 37 | 300 | 250 | 1385 | 768 | 747 | 500 | 550 | 300 | 300 | 320 | 2295,5 | 1950 | 200 | 775 | 910 | 860 | 4 | 89 | 1137 | 6 x Ø26 (M20) | 1478 | A160D |

NOTE: Pumps with flanges according to EN1092-2 PN16/PN25 and ASME/ANSI B16.1 and B16.5 #125/#250/#150/#300 as standard. Flat face only

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Flange drilling dimensions and additional Pump dimsions are in separate sections.
C.F. please Consult Factory

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# e-XC SERIES
# DIMENSIONS AND WEIGHTS PBCM AT 50 Hz, 6 POLES

| PUMP TYPE eXC Size | IEC MOTOR FRAME | 1000 [rpm] [kW] | DIMENSIONS [mm] | | | | | | | | | | | | | | | | | | H max. | z x s FOR SCREWS | WEIGHT [kg] | COUPLING TYPE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | DNS | DND | CP | W | H | X | YY | S | Z | c | L | L1 | L2 | L3 | B1 | B2 | DBSE | MRC | | | | |
| 250-390 | 225M | 30 | 300 | 250 | 1385 | 768 | 747 | 500 | 550 | 300 | 300 | 320 | 2229,5 | 1850 | 200 | 725 | 910 | 860 | 4 | 89 | 1137 | 6 x Ø26 (M20) | 1334 | A140L |
| 250-390 | 250M | 37 | 300 | 250 | 1385 | 768 | 747 | 500 | 550 | 300 | 300 | 320 | 2295,5 | 1950 | 200 | 775 | 910 | 860 | 4 | 89 | 1137 | 6 x Ø26 (M20) | 1476 | A160D |
| 250-390 | 280S | 45 | 300 | 250 | 1385 | 768 | 747 | 500 | 550 | 300 | 300 | 320 | 2345,5 | 2000 | 200 | 800 | 910 | 860 | 4 | 89 | 1160 | 6 x Ø26 (M20) | 1554 | A180L |
| 250-390 | 280M | 55 | 300 | 250 | 1385 | 768 | 747 | 500 | 550 | 300 | 300 | 320 | 2400,5 | 2000 | 200 | 800 | 910 | 860 | 4 | 89 | 1160 | 6 x Ø26 (M20) | 1650 | A180L |
| 250-455 | 250M | 37 | 300 | 250 | 1465 | 808 | 747 | 550 | 600 | 300 | 300 | 320 | 2375,5 | 1950 | 200 | 775 | 910 | 860 | 4 | 89 | 1202 | 6 x Ø26 (M20) | 1621 | A160D |
| 250-455 | 280S | 45 | 300 | 250 | 1465 | 808 | 747 | 550 | 600 | 300 | 300 | 320 | 2425,5 | 2050 | 200 | 825 | 910 | 860 | 4 | 89 | 1202 | 6 x Ø26 (M20) | 1699 | A180L |
| 250-455 | 280M | 55 | 300 | 250 | 1465 | 808 | 747 | 550 | 600 | 300 | 300 | 320 | 2480,5 | 2050 | 200 | 825 | 910 | 860 | 4 | 89 | 1202 | 6 x Ø26 (M20) | 1795 | A180L |
| 250-455 | 315S | 75 | 300 | 250 | 1465 | 808 | 767 | 550 | 600 | 300 | 300 | 320 | 2625 | 2300 | 200 | 950 | 910 | 860 | 4 | 89 | 1324 | 6 x Ø26 (M20) | 2091 | A180M |
| 250-480 | 280S | 45 | 300 | 250 | 1465 | 808 | 747 | 550 | 600 | 300 | 300 | 320 | 2425,5 | 2050 | 200 | 825 | 910 | 860 | 4 | 89 | 1202 | 6 x Ø26 (M20) | 1696 | A180L |
| 250-480 | 280M | 55 | 300 | 250 | 1465 | 808 | 747 | 550 | 600 | 300 | 300 | 320 | 2480,5 | 2050 | 200 | 825 | 910 | 860 | 4 | 89 | 1202 | 6 x Ø26 (M20) | 1792 | A180L |
| 250-480 | 315S | 75 | 300 | 250 | 1465 | 808 | 767 | 550 | 600 | 300 | 300 | 320 | 2625 | 2300 | 200 | 950 | 910 | 860 | 4 | 89 | 1324 | 6 x Ø26 (M20) | 2088 | A180M |
| 250-480 | 315M | 90 | 300 | 250 | 1465 | 808 | 767 | 550 | 600 | 300 | 300 | 320 | 2625 | 2300 | 200 | 950 | 910 | 860 | 4 | 89 | 1292 | 6 x Ø26 (M20) | 2166 | A180M |
| 250-580 | 315M | 90 | 300 | 250 | 1493 | 838 | 817 | 550 | 650 | 350 | 350 | 320 | 2653 | 2300 | 200 | 950 | 910 | 860 | 4 | 102 | 1342 | 6 x Ø26 (M20) | 2527 | A200W |
| 250-580 | 315M | 110 | 300 | 250 | 1493 | 838 | 817 | 550 | 650 | 350 | 350 | 320 | 2653 | 2300 | 200 | 950 | 910 | 860 | 4 | 102 | 1342 | 6 x Ø26 (M20) | 2607 | A200W |
| 250-580 | 315M | 132 | 300 | 250 | 1493 | 838 | 817 | 550 | 650 | 350 | 350 | 320 | 2653 | 2300 | 200 | 950 | 910 | 860 | 4 | 102 | 1342 | 6 x Ø26 (M20) | 2796 | A200W |
| 250-580 | 355M | 160 | 300 | 250 | 1493 | 838 | 857 | 550 | 650 | 350 | 350 | 320 | 2962 | 2450 | 225 | 1000 | 1030 | 960 | 4 | 102 | 1447 | 6 x Ø29 (M24) | 3149 | A200W |
| 250-610 | 315M | 90 | 300 | 250 | 1493 | 838 | 817 | 550 | 650 | 350 | 350 | 320 | 2653 | 2300 | 200 | 950 | 910 | 860 | 4 | 102 | 1342 | 6 x Ø26 (M20) | 2524 | A200W |
| 250-610 | 315M | 110 | 300 | 250 | 1493 | 838 | 817 | 550 | 650 | 350 | 350 | 320 | 2653 | 2300 | 200 | 950 | 910 | 860 | 4 | 102 | 1342 | 6 x Ø26 (M20) | 2604 | A200W |
| 250-610 | 315M | 132 | 300 | 250 | 1493 | 838 | 817 | 550 | 650 | 350 | 350 | 320 | 2653 | 2300 | 200 | 950 | 910 | 860 | 4 | 102 | 1342 | 6 x Ø26 (M20) | 2793 | A200W |
| 250-610 | 355M | 160 | 300 | 250 | 1493 | 838 | 817 | 550 | 650 | 350 | 350 | 320 | 2962 | 2450 | 225 | 1000 | 1030 | 980 | 4 | 102 | 1407 | 6 x Ø26 (M20) | 3146 | A200W |
| 250-610 | 355M | 200 | 300 | 250 | 1493 | 838 | 857 | 550 | 650 | 350 | 350 | 320 | 2962 | 2450 | 225 | 1000 | 1030 | 960 | 4 | 102 | 1447 | 6 x Ø29 (M24) | 3253 | A225T |
| 250-730 | 280M | 55 | 300 | 250 | 1484 | 838 | 987 | 650 | 800 | 500 | 500 | 345 | 2499,5 | 2100 | 200 | 850 | 1030 | 980 | 4 | 77 | 1607 | 6 x Ø26 (M20) | 2853 | A200V |
| 250-730 | 315S | 75 | 300 | 250 | 1484 | 838 | 1027 | 650 | 800 | 500 | 500 | 345 | 2644 | 2350 | 225 | 950 | 1030 | 960 | 4 | 77 | 1647 | 6 x Ø29 (M24) | 3149 | A200W |
| 250-730 | 315M | 90 | 300 | 250 | 1484 | 838 | 987 | 650 | 800 | 500 | 500 | 345 | 2644 | 2350 | 225 | 950 | 1030 | 980 | 4 | 77 | 1607 | 6 x Ø26 (M20) | 3227 | A200W |
| 250-730 | 315M | 110 | 300 | 250 | 1484 | 838 | 987 | 650 | 800 | 500 | 500 | 345 | 2644 | 2350 | 225 | 950 | 1030 | 980 | 4 | 77 | 1607 | 6 x Ø26 (M20) | 3307 | A200W |
| 250-730 | 315M | 132 | 300 | 250 | 1484 | 838 | 987 | 650 | 800 | 500 | 500 | 345 | 2644 | 2350 | 225 | 950 | 1030 | 980 | 4 | 77 | 1607 | 6 x Ø26 (M20) | 3496 | A200W |
| 250-730 | 355M | 160 | 300 | 250 | 1484 | 838 | 1027 | 650 | 800 | 500 | 500 | 345 | 2953 | 2500 | 250 | 1000 | 1030 | 960 | 4 | 77 | 1647 | 6 x Ø29 (M24) | 3849 | A200W |
| 250-730 | 355M | 200 | 300 | 250 | 1484 | 838 | 1027 | 650 | 800 | 500 | 500 | 345 | 2953 | 2500 | 250 | 1000 | 1030 | 960 | 4 | 77 | 1647 | 6 x Ø29 (M24) | 3956 | A225T |
| 250-730 | 355M | 250 | 300 | 250 | 1484 | 838 | 1027 | 650 | 800 | 500 | 500 | 345 | 2955 | 2500 | 250 | 1000 | 1030 | 960 | 6 | 77 | 1647 | 6 x Ø29 (M24) | 3970 | A250H |
| 250-730 | 355L | 315 | 300 | 250 | 1484 | 838 | 1027 | 650 | 800 | 500 | 500 | 345 | 2972 | 2650 | 275 | 700 | 1030 | 960 | 6 | 77 | 1647 | 8 x Ø29 (M24) | 4788 | A250H |
| 250-770 | 315M | 90 | 300 | 250 | 1484 | 838 | 1027 | 650 | 800 | 500 | 500 | 345 | 2644 | 2350 | 225 | 950 | 1030 | 960 | 4 | 77 | 1647 | 6 x Ø29 (M24) | 3227 | A200W |
| 250-770 | 315M | 110 | 300 | 250 | 1484 | 838 | 1027 | 650 | 800 | 500 | 500 | 345 | 2644 | 2350 | 225 | 950 | 1030 | 960 | 4 | 77 | 1647 | 6 x Ø29 (M24) | 3307 | A200W |
| 250-770 | 315M | 132 | 300 | 250 | 1484 | 838 | 1027 | 650 | 800 | 500 | 500 | 345 | 2644 | 2350 | 225 | 950 | 1030 | 960 | 4 | 77 | 1647 | 6 x Ø29 (M24) | 3496 | A200W |
| 250-770 | 355M | 160 | 300 | 250 | 1484 | 838 | 1027 | 650 | 800 | 500 | 500 | 345 | 2953 | 2500 | 250 | 1000 | 1030 | 960 | 4 | 77 | 1647 | 6 x Ø29 (M24) | 3849 | A200W |
| 250-770 | 355M | 200 | 300 | 250 | 1484 | 838 | 1027 | 650 | 800 | 500 | 500 | 345 | 2953 | 2500 | 250 | 1000 | 1030 | 960 | 4 | 77 | 1647 | 6 x Ø29 (M24) | 3956 | A225T |
| 250-770 | 355M | 250 | 300 | 250 | 1484 | 838 | 1027 | 650 | 800 | 500 | 500 | 345 | 2955 | 2500 | 250 | 1000 | 1030 | 960 | 6 | 77 | 1647 | 6 x Ø29 (M24) | 3970 | A250H |
| 250-770 | 355L | 315 | 300 | 250 | 1484 | 838 | 1027 | 650 | 800 | 500 | 500 | 345 | 2972 | 2650 | 275 | 700 | 1030 | 960 | 6 | 77 | 1647 | 8 x Ø29 (M24) | 4788 | A250H |
| 250-770 | 355L | 355 | 300 | 250 | 1484 | 838 | 1027 | 650 | 800 | 500 | 500 | 345 | 3167 | 2650 | 275 | 700 | 1030 | 960 | 6 | 77 | 1647 | 8 x Ø29 (M24) | 4505 | A280P |
| 300-215 | 132M | 4 | 300 | 300 | 1298 | 708 | 737 | 450 | 550 | 270 | 270 | 290 | 1771 | 1450 | 175 | 550 | 750 | 700 | 4 | 77 | 1117 | 6 x Ø26 (M20) | 1123 | A110J |
| 300-215 | 132M | 5,5 | 300 | 300 | 1298 | 708 | 737 | 450 | 550 | 270 | 270 | 290 | 1771 | 1450 | 175 | 550 | 750 | 700 | 4 | 77 | 1117 | 6 x Ø26 (M20) | 1123 | A110J |
| 300-215 | 160M | 7,5 | 300 | 300 | 1298 | 708 | 737 | 450 | 550 | 270 | 270 | 290 | 1911,5 | 1600 | 175 | 625 | 750 | 700 | 4 | 77 | 1117 | 6 x Ø26 (M20) | 1123 | A110K |
| 300-225 | 132M | 5,5 | 300 | 300 | 1298 | 708 | 737 | 450 | 550 | 270 | 270 | 290 | 1771 | 1450 | 175 | 550 | 750 | 700 | 4 | 77 | 1117 | 6 x Ø26 (M20) | 1123 | A110J |
| 300-225 | 160M | 7,5 | 300 | 300 | 1298 | 708 | 737 | 450 | 550 | 270 | 270 | 290 | 1911,5 | 1600 | 175 | 625 | 750 | 700 | 4 | 77 | 1117 | 6 x Ø26 (M20) | 1123 | A110K |
| 300-225 | 160L | 11 | 300 | 300 | 1298 | 708 | 737 | 450 | 550 | 270 | 270 | 290 | 1956,5 | 1600 | 175 | 625 | 750 | 700 | 4 | 77 | 1117 | 6 x Ø26 (M20) | 1180 | A110K |
| 300-245 | 160M | 7,5 | 300 | 300 | 1218 | 668 | 737 | 500 | 600 | 270 | 270 | 290 | 1831,5 | 1550 | 175 | 600 | 750 | 700 | 4 | 77 | 1127 | 6 x Ø26 (M20) | 1093 | A110K |
| 300-245 | 160L | 11 | 300 | 300 | 1218 | 668 | 737 | 500 | 600 | 270 | 270 | 290 | 1876,5 | 1550 | 175 | 600 | 750 | 700 | 4 | 77 | 1127 | 6 x Ø26 (M20) | 1150 | A110K |
| 300-255 | 160M | 7,5 | 300 | 300 | 1218 | 668 | 737 | 500 | 600 | 270 | 270 | 290 | 1831,5 | 1550 | 175 | 600 | 750 | 700 | 4 | 77 | 1127 | 6 x Ø26 (M20) | 1093 | A110K |
| 300-255 | 160L | 11 | 300 | 300 | 1218 | 668 | 737 | 500 | 600 | 270 | 270 | 290 | 1876,5 | 1550 | 175 | 600 | 750 | 700 | 4 | 77 | 1127 | 6 x Ø26 (M20) | 1150 | A110K |

NOTE: Pumps with flanges according to EN1092-2 PN16/PN25 and ASME/ANSI B16.1 and B16.5 #125/#250/#150/#300 as standard. Flat face only
Flange drilling dimensions and additional Pump dimsions are in separate sections.
C.F. please Consult Factory

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# e-XC SERIES
# DIMENSIONS AND WEIGHTS PBCM AT 50 Hz, 6 POLES

| PUMP TYPE eXC Size | IEC MOTOR FRAME | 1000 [rpm] [kW] | DIMENSIONS [mm] | | | | | | | | | | | | | | | | | | | H max. | z x s FOR SCREWS | WEIGHT [kg] | COUPLING TYPE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | DNS | DND | CP | W | H | X | YY | S | Z | c | L | L1 | L2 | L3 | B1 | B2 | DBSE | MRC | | | | | |
| 300-315 | 180L | 15 | 350 | 300 | 1385 | 768 | 807 | 500 | 650 | 300 | 300 | 320 | 2090 | 1700 | 175 | 675 | 910 | 860 | 4 | 89 | | 1247 | 6 x Ø26 (M20) | 1430 | A140J |
| 300-315 | 200L | 18,5 | 350 | 300 | 1385 | 768 | 807 | 500 | 650 | 300 | 300 | 320 | 2170 | 1750 | 175 | 700 | 910 | 860 | 4 | 89 | | 1247 | 6 x Ø26 (M20) | 1430 | A140K |
| 300-315 | 200L | 22 | 350 | 300 | 1385 | 768 | 807 | 500 | 650 | 300 | 300 | 320 | 2170 | 1750 | 175 | 700 | 910 | 860 | 4 | 89 | | 1247 | 6 x Ø26 (M20) | 1498 | A140K |
| 300-330 | 200L | 18,5 | 350 | 300 | 1385 | 768 | 807 | 500 | 650 | 300 | 300 | 320 | 2170 | 1750 | 175 | 700 | 910 | 860 | 4 | 89 | | 1247 | 6 x Ø26 (M20) | 1430 | A140K |
| 300-330 | 200L | 22 | 350 | 300 | 1385 | 768 | 807 | 500 | 650 | 300 | 300 | 320 | 2170 | 1750 | 175 | 700 | 910 | 860 | 4 | 89 | | 1247 | 6 x Ø26 (M20) | 1498 | A140K |
| 300-330 | 225M | 30 | 350 | 300 | 1385 | 768 | 807 | 500 | 650 | 300 | 300 | 320 | 2229,5 | 1850 | 200 | 725 | 910 | 860 | 4 | 89 | | 1247 | 6 x Ø26 (M20) | 1562 | A140L |
| 300-430 | 280S | 45 | 400 | 300 | 1435 | 793 | 887 | 600 | 650 | 350 | 350 | 345 | 2395,5 | 2050 | 200 | 825 | 1030 | 980 | 4 | 102 | | 1327 | 6 x Ø26 (M20) | 1912 | A180X |
| 300-430 | 280M | 55 | 400 | 300 | 1435 | 793 | 887 | 600 | 650 | 350 | 350 | 345 | 2450,5 | 2050 | 200 | 825 | 1030 | 980 | 4 | 102 | | 1327 | 6 x Ø26 (M20) | 2008 | A180X |
| 300-430 | 315S | 75 | 400 | 300 | 1435 | 793 | 887 | 600 | 650 | 350 | 350 | 345 | 2595 | 2300 | 200 | 950 | 1030 | 980 | 4 | 102 | | 1444 | 6 x Ø26 (M20) | 2304 | A180Y |
| 300-450 | 280M | 55 | 400 | 300 | 1435 | 793 | 887 | 600 | 650 | 350 | 350 | 345 | 2450,5 | 2050 | 200 | 825 | 1030 | 980 | 4 | 102 | | 1327 | 6 x Ø26 (M20) | 2005 | A180X |
| 300-450 | 315S | 75 | 400 | 300 | 1435 | 793 | 887 | 600 | 650 | 350 | 350 | 345 | 2595 | 2300 | 200 | 950 | 1030 | 980 | 4 | 102 | | 1444 | 6 x Ø26 (M20) | 2301 | A180Y |
| 300-450 | 315M | 90 | 400 | 300 | 1435 | 793 | 887 | 600 | 650 | 350 | 350 | 345 | 2595 | 2300 | 200 | 950 | 1030 | 980 | 4 | 102 | | 1412 | 6 x Ø26 (M20) | 2379 | A180Y |
| 300-450 | 315M | 110 | 400 | 300 | 1435 | 793 | 887 | 600 | 650 | 350 | 350 | 345 | 2595 | 2300 | 200 | 950 | 1030 | 980 | 4 | 102 | | 1412 | 6 x Ø26 (M20) | 2459 | A180Y |
| 300-525 | 315M | 90 | 400 | 300 | 1635 | 908 | 887 | 600 | 650 | 350 | 350 | 345 | 2795 | 2400 | 225 | 975 | 1030 | 980 | 4 | 102 | | 1412 | 6 x Ø26 (M20) | 2817 | A200W |
| 300-525 | 315M | 110 | 400 | 300 | 1635 | 908 | 887 | 600 | 650 | 350 | 350 | 345 | 2795 | 2400 | 225 | 975 | 1030 | 980 | 4 | 102 | | 1412 | 6 x Ø26 (M20) | 2897 | A200W |
| 300-525 | 315M | 132 | 400 | 300 | 1635 | 908 | 887 | 600 | 650 | 350 | 350 | 345 | 2795 | 2400 | 225 | 975 | 1030 | 980 | 4 | 102 | | 1412 | 6 x Ø26 (M20) | 3086 | A200W |
| 300-525 | 355M | 160 | 400 | 300 | 1635 | 908 | 927 | 600 | 650 | 350 | 350 | 345 | 3104 | 2550 | 225 | 700 | 1030 | 960 | 4 | 102 | | 1517 | 8 x Ø29 (M24) | 3439 | A200W |
| 300-525 | 355M | 200 | 400 | 300 | 1635 | 908 | 927 | 600 | 650 | 350 | 350 | 345 | 3104 | 2550 | 225 | 700 | 1030 | 960 | 4 | 102 | | 1517 | 8 x Ø29 (M24) | 3546 | A225T |
| 300-550 | 315M | 90 | 400 | 300 | 1635 | 908 | 887 | 600 | 650 | 350 | 350 | 345 | 2795 | 2400 | 225 | 975 | 1030 | 980 | 4 | 102 | | 1412 | 6 x Ø26 (M20) | 2814 | A200W |
| 300-550 | 315M | 110 | 400 | 300 | 1635 | 908 | 887 | 600 | 650 | 350 | 350 | 345 | 2795 | 2400 | 225 | 975 | 1030 | 980 | 4 | 102 | | 1412 | 6 x Ø26 (M20) | 2894 | A200W |
| 300-550 | 315M | 132 | 400 | 300 | 1635 | 908 | 887 | 600 | 650 | 350 | 350 | 345 | 2795 | 2400 | 225 | 975 | 1030 | 980 | 4 | 102 | | 1412 | 6 x Ø26 (M20) | 3083 | A200W |
| 300-550 | 355M | 160 | 400 | 300 | 1635 | 908 | 927 | 600 | 650 | 350 | 350 | 345 | 3104 | 2550 | 225 | 700 | 1030 | 960 | 4 | 102 | | 1517 | 8 x Ø29 (M24) | 3436 | A200W |
| 300-550 | 355M | 200 | 400 | 300 | 1635 | 908 | 927 | 600 | 650 | 350 | 350 | 345 | 3104 | 2550 | 225 | 700 | 1030 | 960 | 4 | 102 | | 1517 | 8 x Ø29 (M24) | 3543 | A225T |
| 300-550 | 355M | 250 | 400 | 300 | 1635 | 908 | 927 | 600 | 650 | 350 | 350 | 345 | 3106 | 2550 | 225 | 700 | 1030 | 960 | 6 | 102 | | 1517 | 8 x Ø29 (M24) | 3557 | A250H |
| 300-680 | 315M | 132 | 400 | 300 | 1615 | 898 | 982 | 650 | 800 | 400 | 400 | 410 | 2777 | 2450 | 225 | 1000 | 1160 | 1090 | 6 | 115 | | 1547 | 6 x Ø29 (M24) | 3112 | A250U |
| 300-680 | 355M | 160 | 400 | 300 | 1615 | 898 | 982 | 650 | 800 | 400 | 400 | 410 | 3086 | 2600 | 250 | 700 | 1160 | 1090 | 6 | 115 | | 1572 | 8 x Ø29 (M24) | 3465 | A250U |
| 300-680 | 355M | 200 | 400 | 300 | 1615 | 898 | 982 | 650 | 800 | 400 | 400 | 410 | 3086 | 2600 | 250 | 700 | 1160 | 1090 | 6 | 115 | | 1572 | 8 x Ø29 (M24) | 3565 | A250W |
| 300-680 | 355M | 250 | 400 | 300 | 1615 | 898 | 982 | 650 | 800 | 400 | 400 | 410 | 3086 | 2600 | 250 | 700 | 1160 | 1090 | 6 | 115 | | 1572 | 8 x Ø29 (M24) | 3570 | A250W |
| 300-680 | 355L | 315 | 400 | 300 | 1615 | 898 | 982 | 650 | 800 | 400 | 400 | 410 | 3103 | 2800 | 275 | 750 | 1160 | 1090 | 6 | 115 | | 1572 | 8 x Ø29 (M24) | 4388 | A250W |
| 300-705 | 355M | 160 | 400 | 300 | 1615 | 898 | 982 | 650 | 800 | 400 | 400 | 410 | 3086 | 2600 | 250 | 700 | 1160 | 1090 | 6 | 115 | | 1572 | 8 x Ø29 (M24) | 3465 | A250U |
| 300-705 | 355M | 200 | 400 | 300 | 1615 | 898 | 982 | 650 | 800 | 400 | 400 | 410 | 3086 | 2600 | 250 | 700 | 1160 | 1090 | 6 | 115 | | 1572 | 8 x Ø29 (M24) | 3565 | A250W |
| 300-705 | 355M | 250 | 400 | 300 | 1615 | 898 | 982 | 650 | 800 | 400 | 400 | 410 | 3086 | 2600 | 250 | 700 | 1160 | 1090 | 6 | 115 | | 1572 | 8 x Ø29 (M24) | 3570 | A250W |
| 300-705 | 355L | 315 | 400 | 300 | 1615 | 898 | 982 | 650 | 800 | 400 | 400 | 410 | 3103 | 2800 | 275 | 750 | 1160 | 1090 | 6 | 115 | | 1572 | 8 x Ø29 (M24) | 4388 | A250W |
| 300-705 | 355L | 355 | 400 | 300 | 1615 | 898 | 1042 | 650 | 800 | 400 | 400 | 410 | 3298 | 2800 | 275 | 750 | 1200 | 1130 | 6 | 115 | | 1632 | 8 x Ø29 (M24) | 4105 | A280T |
| 300-705 | 355L | 400 | 400 | 300 | 1615 | 898 | 1042 | 650 | 800 | 400 | 400 | 410 | 3298 | 2800 | 275 | 750 | 1200 | 1130 | 6 | 115 | | 1632 | 8 x Ø29 (M24) | 4251 | A280T |
| 350-285 | 180L | 15 | 350 | 350 | 1298 | 708 | 847 | 500 | 650 | 300 | 300 | 320 | 2003 | 1650 | 175 | 650 | 930 | 860 | 4 | 77 | | 1277 | 6 x Ø29 (M24) | 1410 | A125C |
| 350-285 | 200L | 18,5 | 350 | 350 | 1298 | 708 | 847 | 500 | 650 | 300 | 300 | 320 | 2083 | 1700 | 175 | 675 | 930 | 860 | 4 | 77 | | 1277 | 6 x Ø29 (M24) | 1410 | A125D |
| 350-300 | 180L | 15 | 350 | 350 | 1298 | 708 | 847 | 500 | 650 | 300 | 300 | 320 | 2003 | 1650 | 175 | 650 | 930 | 860 | 4 | 77 | | 1277 | 6 x Ø29 (M24) | 1409 | A125C |
| 350-300 | 200L | 18,5 | 350 | 350 | 1298 | 708 | 847 | 500 | 650 | 300 | 300 | 320 | 2083 | 1700 | 175 | 675 | 930 | 860 | 4 | 77 | | 1277 | 6 x Ø29 (M24) | 1409 | A125D |
| 350-300 | 200L | 22 | 350 | 350 | 1298 | 708 | 847 | 500 | 650 | 300 | 300 | 320 | 2083 | 1700 | 175 | 675 | 930 | 860 | 4 | 77 | | 1277 | 6 x Ø29 (M24) | 1477 | A125D |
| 350-365 | 225M | 30 | 400 | 350 | 1435 | 793 | 927 | 550 | 700 | 350 | 350 | 345 | 2279,5 | 1900 | 200 | 750 | 1030 | 960 | 4 | 102 | | 1412 | 6 x Ø29 (M24) | 1997 | A180V |
| 350-365 | 250M | 37 | 400 | 350 | 1435 | 793 | 927 | 550 | 700 | 350 | 350 | 345 | 2345,5 | 2000 | 200 | 800 | 1030 | 960 | 4 | 102 | | 1412 | 6 x Ø29 (M24) | 2137 | A180W |
| 350-365 | 280S | 45 | 400 | 350 | 1435 | 793 | 927 | 550 | 700 | 350 | 350 | 345 | 2395,5 | 2050 | 200 | 825 | 1030 | 960 | 4 | 102 | | 1412 | 6 x Ø29 (M24) | 2212 | A180X |
| 350-365 | 280M | 55 | 400 | 350 | 1435 | 793 | 927 | 550 | 700 | 350 | 350 | 345 | 2450,5 | 2050 | 200 | 825 | 1030 | 960 | 4 | 102 | | 1412 | 6 x Ø29 (M24) | 2308 | A180X |
| 350-385 | 250M | 37 | 400 | 350 | 1435 | 793 | 927 | 550 | 700 | 350 | 350 | 345 | 2345,5 | 2000 | 200 | 800 | 1030 | 960 | 4 | 102 | | 1412 | 6 x Ø29 (M24) | 2135 | A180W |
| 350-385 | 280S | 45 | 400 | 350 | 1435 | 793 | 927 | 550 | 700 | 350 | 350 | 345 | 2395,5 | 2050 | 200 | 825 | 1030 | 960 | 4 | 102 | | 1412 | 6 x Ø29 (M24) | 2210 | A180X |
| 350-385 | 280M | 55 | 400 | 350 | 1435 | 793 | 927 | 550 | 700 | 350 | 350 | 345 | 2450,5 | 2050 | 200 | 825 | 1030 | 960 | 4 | 102 | | 1412 | 6 x Ø29 (M24) | 2306 | A180X |
| 350-385 | 315S | 75 | 400 | 350 | 1435 | 793 | 927 | 550 | 700 | 350 | 350 | 345 | 2595 | 2300 | 200 | 950 | 1030 | 960 | 4 | 102 | | 1484 | 6 x Ø29 (M24) | 2602 | A180Y |

NOTE: Pumps with flanges according to EN1092-2 PN16/PN25 and ASME/ANSI B16.1 and B16.5 #125/#250/#150/#300 as standard. Flat face only
Flange drilling dimensions and additional Pump dimsions are in separate sections.
C.F. please Consult Factory

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LOWARA
a xylem brand

# e-XC SERIES
# DIMENSIONS AND WEIGHTS PBCM AT 50 Hz, 6 POLES

| PUMP TYPE eXC Size | IEC MOTOR FRAME | 1000 (rpm) [kW] | DIMENSIONS [mm] | | | | | | | | | | | | | | | | | | | H max. | z x s FOR SCREWS | WEIGHT [kg] | COUPLING TYPE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | DNS | DND | CP | W | H | X | YY | S | Z | c | L | L1 | L2 | L3 | B1 | B2 | DBSE | MRC | | | | | |
| 350-430 | 280S | 45 | 450 | 350 | 1635 | 908 | 1012 | 650 | 800 | 400 | 400 | 410 | 2595,5 | 2250 | 200 | 925 | 1160 | 1090 | 4 | 102 | 1567 | 6 x Ø29 (M24) | 2644 | A200V |
| 350-430 | 280M | 55 | 450 | 350 | 1635 | 908 | 1012 | 650 | 800 | 400 | 400 | 410 | 2650,5 | 2250 | 200 | 925 | 1160 | 1090 | 4 | 102 | 1567 | 6 x Ø29 (M24) | 2740 | A200V |
| 350-430 | 315S | 75 | 450 | 350 | 1635 | 908 | 1012 | 650 | 800 | 400 | 400 | 410 | 2795 | 2450 | 225 | 1000 | 1160 | 1090 | 4 | 102 | 1569 | 6 x Ø29 (M24) | 3036 | A200W |
| 350-430 | 315M | 90 | 450 | 350 | 1635 | 908 | 1012 | 650 | 800 | 400 | 400 | 410 | 2795 | 2450 | 225 | 1000 | 1160 | 1090 | 4 | 102 | 1567 | 6 x Ø29 (M24) | 3114 | A200W |
| 350-430 | 315M | 110 | 450 | 350 | 1635 | 908 | 1012 | 650 | 800 | 400 | 400 | 410 | 2795 | 2450 | 225 | 1000 | 1160 | 1090 | 4 | 102 | 1567 | 6 x Ø29 (M24) | 3194 | A200W |
| 350-450 | 315S | 75 | 450 | 350 | 1635 | 908 | 1012 | 650 | 800 | 400 | 400 | 410 | 2795 | 2450 | 225 | 1000 | 1160 | 1090 | 4 | 102 | 1569 | 6 x Ø29 (M24) | 3033 | A200W |
| 350-450 | 315M | 90 | 450 | 350 | 1635 | 908 | 1012 | 650 | 800 | 400 | 400 | 410 | 2795 | 2450 | 225 | 1000 | 1160 | 1090 | 4 | 102 | 1567 | 6 x Ø29 (M24) | 3111 | A200W |
| 350-450 | 315M | 110 | 450 | 350 | 1635 | 908 | 1012 | 650 | 800 | 400 | 400 | 410 | 2795 | 2450 | 225 | 1000 | 1160 | 1090 | 4 | 102 | 1567 | 6 x Ø29 (M24) | 3191 | A200W |
| 350-450 | 315M | 132 | 450 | 350 | 1635 | 908 | 1012 | 650 | 800 | 400 | 400 | 410 | 2795 | 2450 | 225 | 1000 | 1160 | 1090 | 4 | 102 | 1567 | 6 x Ø29 (M24) | 3380 | A200W |
| 350-450 | 355M | 160 | 450 | 350 | 1635 | 908 | 1012 | 650 | 800 | 400 | 400 | 410 | 3104 | 2600 | 250 | 700 | 1160 | 1090 | 4 | 102 | 1602 | 8 x Ø29 (M24) | 3733 | A200W |
| 350-505 | 315M | 90 | 450 | 350 | 1635 | 908 | 1012 | 650 | 700 | 400 | 400 | 410 | 2795 | 2450 | 225 | 1000 | 1160 | 1090 | 4 | 102 | 1537 | 6 x Ø29 (M24) | 3047 | A200W |
| 350-505 | 315M | 110 | 450 | 350 | 1635 | 908 | 1012 | 650 | 700 | 400 | 400 | 410 | 2795 | 2450 | 225 | 1000 | 1160 | 1090 | 4 | 102 | 1537 | 6 x Ø29 (M24) | 3127 | A200W |
| 350-505 | 315M | 132 | 450 | 350 | 1635 | 908 | 1012 | 650 | 700 | 400 | 400 | 410 | 2795 | 2450 | 225 | 1000 | 1160 | 1090 | 4 | 102 | 1537 | 6 x Ø29 (M24) | 3316 | A200W |
| 350-505 | 355M | 160 | 450 | 350 | 1635 | 908 | 1012 | 650 | 700 | 400 | 400 | 410 | 3104 | 2600 | 250 | 700 | 1160 | 1090 | 4 | 102 | 1602 | 8 x Ø29 (M24) | 3669 | A200W |
| 350-505 | 355M | 200 | 450 | 350 | 1635 | 908 | 1012 | 650 | 700 | 400 | 400 | 410 | 3104 | 2600 | 250 | 700 | 1160 | 1090 | 4 | 102 | 1602 | 8 x Ø29 (M24) | 3776 | A225T |
| 350-530 | 315M | 110 | 450 | 350 | 1635 | 908 | 1012 | 650 | 700 | 400 | 400 | 410 | 2795 | 2450 | 225 | 1000 | 1160 | 1090 | 4 | 102 | 1537 | 6 x Ø29 (M24) | 3124 | A200W |
| 350-530 | 315M | 132 | 450 | 350 | 1635 | 908 | 1012 | 650 | 700 | 400 | 400 | 410 | 2795 | 2450 | 225 | 1000 | 1160 | 1090 | 4 | 102 | 1537 | 6 x Ø29 (M24) | 3313 | A200W |
| 350-530 | 355M | 160 | 450 | 350 | 1635 | 908 | 1012 | 650 | 700 | 400 | 400 | 410 | 3104 | 2600 | 250 | 700 | 1160 | 1090 | 4 | 102 | 1602 | 8 x Ø29 (M24) | 3666 | A200W |
| 350-530 | 355M | 200 | 450 | 350 | 1635 | 908 | 1012 | 650 | 700 | 400 | 400 | 410 | 3104 | 2600 | 250 | 700 | 1160 | 1090 | 4 | 102 | 1602 | 8 x Ø29 (M24) | 3773 | A225T |
| 350-530 | 355M | 250 | 450 | 350 | 1635 | 908 | 1012 | 650 | 700 | 400 | 400 | 410 | 3106 | 2600 | 250 | 700 | 1160 | 1090 | 6 | 102 | 1602 | 8 x Ø29 (M24) | 3787 | A250H |
| 350-650 | 355M | 160 | 500 | 350 | 1783 | 993 | 1052 | 700 | 800 | 420 | 420 | 410 | 3252 | 2700 | 225 | 750 | 1160 | 1090 | 4 | C.F. | 1642 | 8 x Ø29 (M24) | 4416 | A200W |
| 350-650 | 355M | 200 | 500 | 350 | 1783 | 993 | 1052 | 700 | 800 | 420 | 420 | 410 | 3252 | 2700 | 225 | 750 | 1160 | 1090 | 4 | C.F. | 1642 | 8 x Ø29 (M24) | 4523 | A225T |
| 350-650 | 355M | 250 | 500 | 350 | 1783 | 993 | 1052 | 700 | 800 | 420 | 420 | 410 | 3254 | 2700 | 225 | 750 | 1160 | 1090 | 6 | C.F. | 1642 | 8 x Ø29 (M24) | 4537 | A250H |
| 350-650 | 355L | 315 | 500 | 350 | 1783 | 993 | 1112 | 700 | 800 | 420 | 420 | 410 | 3271 | 2900 | 250 | 800 | 1200 | 1130 | 6 | C.F. | 1702 | 8 x Ø29 (M24) | 5355 | A250H |
| 350-650 | 355L | 355 | 500 | 350 | 1783 | 993 | 1112 | 700 | 800 | 420 | 420 | 410 | 3466 | 2900 | 250 | 800 | 1200 | 1130 | 6 | C.F. | 1702 | 8 x Ø29 (M24) | 5072 | A280P |
| 350-650 | 355L | 400 | 500 | 350 | 1783 | 993 | 1112 | 700 | 800 | 420 | 420 | 410 | 3466 | 2900 | 250 | 800 | 1200 | 1130 | 6 | C.F. | 1702 | 8 x Ø29 (M24) | 5218 | A280P |
| 350-655 | 315M | 90 | 400 | 350 | 1745 | 983 | 1132 | 750 | 900 | 480 | 480 | 460 | 2907 | 2600 | 250 | 700 | 1410 | 1340 | 6 | 115 | 1737 | 8 x Ø29 (M24) | 3858 | A280AA |
| 350-655 | 315M | 110 | 400 | 350 | 1745 | 983 | 1132 | 750 | 900 | 480 | 480 | 460 | 2907 | 2600 | 250 | 700 | 1410 | 1340 | 6 | 115 | 1737 | 8 x Ø29 (M24) | 3938 | A280AA |
| 350-655 | 315M | 132 | 400 | 350 | 1745 | 983 | 1132 | 750 | 900 | 480 | 480 | 460 | 2907 | 2600 | 250 | 700 | 1410 | 1340 | 6 | 115 | 1737 | 8 x Ø29 (M24) | 4127 | A280AA |
| 350-655 | 355M | 160 | 400 | 350 | 1745 | 983 | 1132 | 750 | 900 | 480 | 480 | 460 | 3216 | 2750 | 250 | 750 | 1410 | 1340 | 6 | 115 | 1737 | 8 x Ø29 (M24) | 4480 | A280AA |
| 350-655 | 355M | 200 | 400 | 350 | 1745 | 983 | 1132 | 750 | 900 | 480 | 480 | 460 | 3216 | 2750 | 250 | 750 | 1410 | 1340 | 6 | 115 | 1737 | 8 x Ø29 (M24) | 4580 | A280AC |
| 350-655 | 355L | 315 | 400 | 350 | 1745 | 983 | 1132 | 750 | 900 | 480 | 480 | 460 | 3233 | 2950 | 275 | 800 | 1410 | 1340 | 6 | 115 | 1737 | 8 x Ø29 (M24) | 5403 | A280AC |
| 350-655 | 355L | 355 | 400 | 350 | 1745 | 983 | 1132 | 750 | 900 | 480 | 480 | 460 | 3428 | 2950 | 275 | 800 | 1410 | 1340 | 6 | 115 | 1737 | 8 x Ø29 (M24) | 5110 | A280AC |
| 350-655 | 355L | 400 | 400 | 350 | 1745 | 983 | 1132 | 750 | 900 | 480 | 480 | 460 | 3428 | 2950 | 275 | 800 | 1410 | 1340 | 6 | 115 | 1737 | 8 x Ø29 (M24) | 5256 | A280AC |
| 350-685 | 355M | 250 | 500 | 350 | 1783 | 993 | 1052 | 700 | 800 | 420 | 420 | 410 | 3254 | 2700 | 225 | 750 | 1160 | 1090 | 6 | C.F. | 1642 | 8 x Ø29 (M24) | 4534 | A250H |
| 350-685 | 355L | 315 | 500 | 350 | 1783 | 993 | 1112 | 700 | 800 | 420 | 420 | 410 | 3271 | 2900 | 250 | 800 | 1200 | 1130 | 6 | C.F. | 1702 | 8 x Ø29 (M24) | 5352 | A250H |
| 350-685 | 355L | 355 | 500 | 350 | 1783 | 993 | 1112 | 700 | 800 | 420 | 420 | 410 | 3466 | 2900 | 250 | 800 | 1200 | 1130 | 6 | C.F. | 1702 | 8 x Ø29 (M24) | 5069 | A280P |
| 350-685 | 355L | 400 | 500 | 350 | 1783 | 993 | 1112 | 700 | 800 | 420 | 420 | 410 | 3466 | 2900 | 250 | 800 | 1200 | 1130 | 6 | C.F. | 1702 | 8 x Ø29 (M24) | 5215 | A280P |
| 350-685 | 400JH | 450 | 500 | 350 | 1783 | 993 | 1112 | 700 | 800 | 420 | 420 | 410 | 3829 | 3200 | 250 | 900 | 1200 | 1130 | 6 | C.F. | 1731 | 8 x Ø29 (M24) | 5948 | A315G |
| 350-685 | 400JH | 500 | 500 | 350 | 1783 | 993 | 1112 | 700 | 800 | 420 | 420 | 410 | 3829 | 3200 | 250 | 900 | 1200 | 1130 | 6 | C.F. | 1731 | 8 x Ø29 (M24) | 5948 | A315G |
| 350-690 | 315M | 110 | 400 | 350 | 1745 | 983 | 1132 | 750 | 900 | 480 | 480 | 460 | 2907 | 2600 | 250 | 700 | 1410 | 1340 | 6 | 115 | 1737 | 8 x Ø29 (M24) | 3933 | A280AA |
| 350-690 | 315M | 132 | 400 | 350 | 1745 | 983 | 1132 | 750 | 900 | 480 | 480 | 460 | 2907 | 2600 | 250 | 700 | 1410 | 1340 | 6 | 115 | 1737 | 8 x Ø29 (M24) | 4122 | A280AA |
| 350-690 | 355M | 160 | 400 | 350 | 1745 | 983 | 1132 | 750 | 900 | 480 | 480 | 460 | 3216 | 2750 | 250 | 750 | 1410 | 1340 | 6 | 115 | 1737 | 8 x Ø29 (M24) | 4475 | A280AA |
| 350-690 | 355M | 200 | 400 | 350 | 1745 | 983 | 1132 | 750 | 900 | 480 | 480 | 460 | 3216 | 2750 | 250 | 750 | 1410 | 1340 | 6 | 115 | 1737 | 8 x Ø29 (M24) | 4575 | A280AC |
| 350-690 | 355M | 250 | 400 | 350 | 1745 | 983 | 1132 | 750 | 900 | 480 | 480 | 460 | 3216 | 2750 | 250 | 750 | 1410 | 1340 | 6 | 115 | 1737 | 8 x Ø29 (M24) | 4580 | A280AC |
| 350-690 | 355L | 315 | 400 | 350 | 1745 | 983 | 1132 | 750 | 900 | 480 | 480 | 460 | 3233 | 2950 | 275 | 800 | 1410 | 1340 | 6 | 115 | 1737 | 8 x Ø29 (M24) | 5398 | A280AC |
| 350-690 | 355L | 355 | 400 | 350 | 1745 | 983 | 1132 | 750 | 900 | 480 | 480 | 460 | 3428 | 2950 | 275 | 800 | 1410 | 1340 | 6 | 115 | 1737 | 8 x Ø29 (M24) | 5105 | A280AC |
| 350-690 | 355L | 400 | 400 | 350 | 1745 | 983 | 1132 | 750 | 900 | 480 | 480 | 460 | 3428 | 2950 | 275 | 800 | 1410 | 1340 | 6 | 115 | 1737 | 8 x Ø29 (M24) | 5251 | A280AC |
| 350-690 | 400JH | 450 | 400 | 350 | 1745 | 983 | 1132 | 750 | 900 | 480 | 480 | 460 | 3791 | 3250 | 275 | 900 | 1410 | 1340 | 6 | 115 | 1751 | 8 x Ø29 (M24) | 5984 | A315M |
| 350-745 | 355M | 160 | 400 | 350 | 1963 | 1093 | 1092 | 750 | 900 | 450 | 450 | 460 | 3434 | 2850 | 225 | 800 | 1410 | 1340 | 6 | 77 | 1762 | 8 x Ø29 (M24) | 4919 | A315U |
| 350-745 | 355M | 200 | 400 | 350 | 1963 | 1093 | 1092 | 750 | 900 | 450 | 450 | 460 | 3434 | 2850 | 225 | 800 | 1410 | 1340 | 6 | 77 | 1762 | 8 x Ø29 (M24) | 5019 | A315V |
| 350-745 | 355M | 250 | 400 | 350 | 1963 | 1093 | 1092 | 750 | 900 | 450 | 450 | 460 | 3434 | 2850 | 225 | 800 | 1410 | 1340 | 6 | 77 | 1762 | 8 x Ø29 (M24) | 5024 | A315V |
| 350-745 | 355L | 315 | 400 | 350 | 1963 | 1093 | 1092 | 750 | 900 | 450 | 450 | 460 | 3451 | 3050 | 250 | 850 | 1410 | 1340 | 6 | 77 | 1762 | 8 x Ø29 (M24) | 5842 | A315V |
| 350-745 | 355L | 355 | 400 | 350 | 1963 | 1093 | 1092 | 750 | 900 | 450 | 450 | 460 | 3646 | 3050 | 250 | 850 | 1410 | 1340 | 6 | 77 | 1762 | 8 x Ø29 (M24) | 5549 | A315V |
| 350-745 | 355L | 400 | 400 | 350 | 1963 | 1093 | 1092 | 750 | 900 | 450 | 450 | 460 | 3646 | 3050 | 250 | 850 | 1410 | 1340 | 6 | 77 | 1762 | 8 x Ø29 (M24) | 5695 | A315V |

NOTE: Pumps with flanges according to EN1092-2 PN16/PN25 and ASME/ANSI B16.1 and B16.5 #125/#250/#150/#300 as standard. Flat face only
Flange drilling dimensions and additional Pump dimsions are in separate sections.
C.F. please Consult Factory

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LOWARA
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# e-XC SERIES
# DIMENSIONS AND WEIGHTS PBCM AT 50 Hz, 6 POLES

| PUMP TYPE eXC Size | IEC MOTOR FRAME | 1000 [rpm] [kW] | DIMENSIONS [mm] | | | | | | | | | | | | | | | | | | | H | z x s | WEIGHT | COUPLING TYPE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | DNS | DND | CP | W | H | X | YY | S | Z | c | L | L1 | L2 | L3 | B1 | B2 | DBSE | MRC | | max. | FOR SCREWS | [kg] | |
| 350-780 | 355M | 160 | 400 | 350 | 1963 | 1093 | 1092 | 750 | 900 | 450 | 450 | 460 | 3434 | 2850 | 225 | 800 | 1410 | 1340 | 6 | 77 | | 1762 | 8 x Ø29 (M24) | 4914 | A315U |
| 350-780 | 355M | 200 | 400 | 350 | 1963 | 1093 | 1092 | 750 | 900 | 450 | 450 | 460 | 3434 | 2850 | 225 | 800 | 1410 | 1340 | 6 | 77 | | 1762 | 8 x Ø29 (M24) | 5014 | A315V |
| 350-780 | 355M | 250 | 400 | 350 | 1963 | 1093 | 1092 | 750 | 900 | 450 | 450 | 460 | 3434 | 2850 | 225 | 800 | 1410 | 1340 | 6 | 77 | | 1762 | 8 x Ø29 (M24) | 5019 | A315V |
| 350-780 | 355L | 315 | 400 | 350 | 1963 | 1093 | 1092 | 750 | 900 | 450 | 450 | 460 | 3451 | 3050 | 250 | 850 | 1410 | 1340 | 6 | 77 | | 1762 | 8 x Ø29 (M24) | 5837 | A315V |
| 350-780 | 355L | 355 | 400 | 350 | 1963 | 1093 | 1092 | 750 | 900 | 450 | 450 | 460 | 3646 | 3050 | 250 | 850 | 1410 | 1340 | 6 | 77 | | 1762 | 8 x Ø29 (M24) | 5544 | A315V |
| 350-780 | 355L | 400 | 400 | 350 | 1963 | 1093 | 1092 | 750 | 900 | 450 | 450 | 460 | 3646 | 3050 | 250 | 850 | 1410 | 1340 | 6 | 77 | | 1762 | 8 x Ø29 (M24) | 5690 | A315V |
| 350-805 | 355L | 355 | 500 | 350 | 1825 | 1003 | 1142 | 750 | 850 | 450 | 450 | 410 | 3508 | 2900 | 250 | 800 | 1200 | 1130 | 6 | C.F. | | 1787 | 8 x Ø29 (M24) | 5410 | A280T |
| 350-805 | 355L | 400 | 500 | 350 | 1825 | 1003 | 1142 | 750 | 850 | 450 | 450 | 410 | 3508 | 2900 | 250 | 800 | 1200 | 1130 | 6 | C.F. | | 1787 | 8 x Ø29 (M24) | 5556 | A280T |
| 350-805 | 400JH | 450 | 500 | 350 | 1825 | 1003 | 1142 | 750 | 850 | 450 | 450 | 410 | 3871 | 3200 | 250 | 900 | 1200 | 1130 | 6 | C.F. | | 1787 | 8 x Ø29 (M24) | 6289 | A315J |
| 350-805 | 400JH | 500 | 500 | 350 | 1825 | 1003 | 1142 | 750 | 850 | 450 | 450 | 410 | 3871 | 3200 | 250 | 900 | 1200 | 1130 | 6 | C.F. | | 1787 | 8 x Ø29 (M24) | 6289 | A315J |
| 350-805 | 450LK | 560 | 500 | 350 | 1825 | 1003 | 1182 | 750 | 850 | 450 | 450 | 410 | 3935 | 3250 | 275 | 900 | 1250 | 1160 | 6 | C.F. | | 1827 | 8 x Ø29 (M24) | 7939 | A315K |
| 350-805 | 450LK | 630 | 500 | 350 | 1825 | 1003 | 1182 | 750 | 850 | 450 | 450 | 410 | 3935 | 3250 | 275 | 900 | 1250 | 1160 | 6 | C.F. | | 1827 | 8 x Ø29 (M24) | 8029 | A315K |
| 350-805 | 450JH | 710 | 500 | 350 | 1825 | 1003 | 1182 | 750 | 850 | 450 | 450 | 410 | 4085 | 3400 | 275 | 950 | 1250 | 1160 | 6 | C.F. | | 1827 | 8 x Ø29 (M24) | 8113 | A350L |
| 350-845 | 400JH | 500 | 500 | 350 | 1825 | 1003 | 1142 | 750 | 850 | 450 | 450 | 410 | 3871 | 3200 | 250 | 900 | 1200 | 1130 | 6 | C.F. | | 1787 | 8 x Ø29 (M24) | 6284 | A315J |
| 350-845 | 450LK | 560 | 500 | 350 | 1825 | 1003 | 1182 | 750 | 850 | 450 | 450 | 410 | 3935 | 3250 | 275 | 900 | 1250 | 1160 | 6 | C.F. | | 1827 | 8 x Ø29 (M24) | 7934 | A315K |
| 350-845 | 450LK | 630 | 500 | 350 | 1825 | 1003 | 1182 | 750 | 850 | 450 | 450 | 410 | 3935 | 3250 | 275 | 900 | 1250 | 1160 | 6 | C.F. | | 1827 | 8 x Ø29 (M24) | 8024 | A315K |
| 350-845 | 450JH | 710 | 500 | 350 | 1825 | 1003 | 1182 | 750 | 850 | 450 | 450 | 410 | 4085 | 3400 | 275 | 950 | 1250 | 1160 | 6 | C.F. | | 1827 | 8 x Ø29 (M24) | 8108 | A350L |
| 350-845 | 450HGF | 800 | 500 | 350 | 1825 | 1003 | 1182 | 750 | 850 | 450 | 450 | 410 | 4316 | 3500 | 325 | 950 | 1250 | 1160 | 6 | C.F. | | 1897 | 8 x Ø29 (M24) | 8110 | A350L |
| 400-325 | 200L | 22 | 400 | 400 | 1465 | 793 | 987 | 600 | 750 | 350 | 350 | 345 | 2250 | 1800 | 175 | 725 | 1060 | 990 | 4 | 89 | | 1467 | 6 x Ø29 (M24) | 2019 | A125F |
| 400-325 | 225M | 30 | 400 | 400 | 1465 | 793 | 987 | 600 | 750 | 350 | 350 | 345 | 2309,5 | 1900 | 200 | 750 | 1060 | 990 | 4 | 89 | | 1467 | 6 x Ø29 (M24) | 2085 | A140C |
| 400-325 | 250M | 37 | 400 | 400 | 1465 | 793 | 987 | 600 | 750 | 350 | 350 | 345 | 2375,5 | 2000 | 200 | 800 | 1060 | 990 | 4 | 89 | | 1467 | 6 x Ø29 (M24) | 2227 | A160C |
| 400-340 | 225M | 30 | 400 | 400 | 1465 | 793 | 987 | 600 | 750 | 350 | 350 | 345 | 2309,5 | 1900 | 200 | 750 | 1060 | 990 | 4 | 89 | | 1467 | 6 x Ø29 (M24) | 2085 | A140C |
| 400-340 | 250M | 37 | 400 | 400 | 1465 | 793 | 987 | 600 | 750 | 350 | 350 | 345 | 2375,5 | 2000 | 200 | 800 | 1060 | 990 | 4 | 89 | | 1467 | 6 x Ø29 (M24) | 2227 | A160C |
| 400-340 | 280S | 45 | 400 | 400 | 1465 | 793 | 987 | 600 | 750 | 350 | 350 | 345 | 2425,5 | 2050 | 200 | 825 | 1060 | 990 | 4 | 89 | | 1467 | 6 x Ø29 (M24) | 2305 | A180H |
| 400-340 | 280M | 55 | 400 | 400 | 1465 | 793 | 987 | 600 | 750 | 350 | 350 | 345 | 2480,5 | 2050 | 200 | 825 | 1060 | 990 | 4 | 89 | | 1467 | 6 x Ø29 (M24) | 2401 | A180H |
| 400-500 | 315M | 132 | 500 | 400 | 1805 | 993 | 1192 | 700 | 800 | 480 | 480 | 410 | 2967 | 2550 | 225 | 700 | 1200 | 1130 | 6 | 77 | | 1787 | 8 x Ø29 (M24) | 4052 | A250U |
| 400-500 | 355M | 160 | 500 | 400 | 1805 | 993 | 1192 | 700 | 800 | 480 | 480 | 410 | 3276 | 2700 | 225 | 750 | 1200 | 1130 | 6 | 77 | | 1787 | 8 x Ø29 (M24) | 4405 | A250U |
| 400-500 | 355M | 200 | 500 | 400 | 1805 | 993 | 1192 | 700 | 800 | 480 | 480 | 410 | 3276 | 2700 | 225 | 750 | 1200 | 1130 | 6 | 77 | | 1787 | 8 x Ø29 (M24) | 4505 | A250W |
| 400-500 | 355M | 250 | 500 | 400 | 1805 | 993 | 1192 | 700 | 800 | 480 | 480 | 410 | 3276 | 2700 | 225 | 750 | 1200 | 1130 | 6 | 77 | | 1787 | 8 x Ø29 (M24) | 4510 | A250W |
| 400-510 | 315M | 90 | 500 | 400 | 1533 | 843 | 1142 | 650 | 800 | 450 | 450 | 410 | 2693 | 2400 | 225 | 975 | 1200 | 1130 | 4 | 77 | | 1702 | 6 x Ø29 (M24) | 3449 | A180Y |
| 400-510 | 315M | 110 | 500 | 400 | 1533 | 843 | 1142 | 650 | 800 | 450 | 450 | 410 | 2693 | 2400 | 225 | 975 | 1200 | 1130 | 4 | 77 | | 1702 | 6 x Ø29 (M24) | 3529 | A180Y |
| 400-510 | 315M | 132 | 500 | 400 | 1533 | 843 | 1142 | 650 | 800 | 450 | 450 | 410 | 2693 | 2400 | 225 | 975 | 1200 | 1130 | 4 | 77 | | 1702 | 6 x Ø29 (M24) | 3723 | A200K |
| 400-510 | 355M | 160 | 500 | 400 | 1533 | 843 | 1142 | 650 | 800 | 450 | 450 | 410 | 3002 | 2550 | 225 | 700 | 1200 | 1130 | 4 | 77 | | 1732 | 8 x Ø29 (M24) | 4076 | A200K |
| 400-510 | 355M | 200 | 500 | 400 | 1533 | 843 | 1142 | 650 | 800 | 450 | 450 | 410 | 3002 | 2550 | 225 | 700 | 1200 | 1130 | 4 | 77 | | 1732 | 8 x Ø29 (M24) | 4183 | A225Q |
| 400-510 | 355M | 250 | 500 | 400 | 1533 | 843 | 1142 | 650 | 800 | 450 | 450 | 410 | 3004 | 2550 | 225 | 700 | 1200 | 1130 | 6 | 77 | | 1732 | 8 x Ø29 (M24) | 4197 | A250F |
| 400-525 | 315M | 132 | 500 | 400 | 1805 | 993 | 1192 | 700 | 800 | 480 | 480 | 410 | 2967 | 2550 | 225 | 700 | 1200 | 1130 | 6 | 77 | | 1787 | 8 x Ø29 (M24) | 4049 | A250U |
| 400-525 | 355M | 160 | 500 | 400 | 1805 | 993 | 1192 | 700 | 800 | 480 | 480 | 410 | 3276 | 2700 | 225 | 750 | 1200 | 1130 | 6 | 77 | | 1787 | 8 x Ø29 (M24) | 4402 | A250U |
| 400-525 | 355M | 200 | 500 | 400 | 1805 | 993 | 1192 | 700 | 800 | 480 | 480 | 410 | 3276 | 2700 | 225 | 750 | 1200 | 1130 | 6 | 77 | | 1787 | 8 x Ø29 (M24) | 4502 | A250W |
| 400-525 | 355M | 250 | 500 | 400 | 1805 | 993 | 1192 | 700 | 800 | 480 | 480 | 410 | 3276 | 2700 | 225 | 750 | 1200 | 1130 | 6 | 77 | | 1787 | 8 x Ø29 (M24) | 4507 | A250W |
| 400-535 | 315M | 132 | 500 | 400 | 1533 | 843 | 1142 | 650 | 800 | 450 | 450 | 410 | 2693 | 2400 | 225 | 975 | 1200 | 1130 | 4 | 77 | | 1702 | 6 x Ø29 (M24) | 3720 | A200K |
| 400-535 | 355M | 160 | 500 | 400 | 1533 | 843 | 1142 | 650 | 800 | 450 | 450 | 410 | 3002 | 2550 | 225 | 700 | 1200 | 1130 | 4 | 77 | | 1732 | 8 x Ø29 (M24) | 4073 | A200K |
| 400-535 | 355M | 200 | 500 | 400 | 1533 | 843 | 1142 | 650 | 800 | 450 | 450 | 410 | 3002 | 2550 | 225 | 700 | 1200 | 1130 | 4 | 77 | | 1732 | 8 x Ø29 (M24) | 4180 | A225Q |
| 400-535 | 355M | 250 | 500 | 400 | 1533 | 843 | 1142 | 650 | 800 | 450 | 450 | 410 | 3004 | 2550 | 225 | 700 | 1200 | 1130 | 6 | 77 | | 1732 | 8 x Ø29 (M24) | 4194 | A250F |
| 400-550 | 315M | 132 | 500 | 400 | 1835 | 1028 | 1162 | 700 | 800 | 450 | 450 | 410 | 2997 | 2600 | 250 | 700 | 1200 | 1130 | 6 | 77 | | 1712 | 8 x Ø29 (M24) | 4192 | A280AA |
| 400-550 | 355M | 160 | 500 | 400 | 1835 | 1028 | 1162 | 700 | 800 | 450 | 450 | 410 | 3306 | 2750 | 250 | 750 | 1200 | 1130 | 6 | 77 | | 1752 | 8 x Ø29 (M24) | 4545 | A280AA |
| 400-550 | 355M | 200 | 500 | 400 | 1835 | 1028 | 1162 | 700 | 800 | 450 | 450 | 410 | 3306 | 2750 | 250 | 750 | 1200 | 1130 | 6 | 77 | | 1752 | 8 x Ø29 (M24) | 4645 | A280AC |
| 400-550 | 355M | 250 | 500 | 400 | 1835 | 1028 | 1162 | 700 | 800 | 450 | 450 | 410 | 3306 | 2750 | 250 | 750 | 1200 | 1130 | 6 | 77 | | 1752 | 8 x Ø29 (M24) | 4650 | A280AC |
| 400-550 | 355L | 315 | 500 | 400 | 1835 | 1028 | 1162 | 700 | 800 | 450 | 450 | 410 | 3323 | 2900 | 250 | 800 | 1200 | 1130 | 6 | 77 | | 1752 | 8 x Ø29 (M24) | 5468 | A280AC |
| 400-580 | 355M | 200 | 500 | 400 | 1835 | 1028 | 1162 | 700 | 800 | 450 | 450 | 410 | 3306 | 2750 | 250 | 750 | 1200 | 1130 | 6 | 77 | | 1752 | 8 x Ø29 (M24) | 4645 | A280AC |
| 400-580 | 355L | 355 | 500 | 400 | 1835 | 1028 | 1162 | 700 | 800 | 450 | 450 | 410 | 3518 | 2900 | 250 | 800 | 1200 | 1130 | 6 | 77 | | 1752 | 8 x Ø29 (M24) | 5175 | A280AC |

NOTE: Pumps with flanges according to EN1092-2 PN16/PN25 and ASME/ANSI B16.1 and B16.5 #125/#250/#150/#300 as standard. Flat face only
Flange drilling dimensions and additional Pump dimsions are in separate sections.
C.F. please Consult Factory

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# e-XC SERIES
# DIMENSIONS AND WEIGHTS PBCM AT 50 Hz, 6 POLES

| PUMP TYPE eXC Size | IEC MOTOR FRAME | 1000 [rpm] | DIMENSIONS [mm] | | | | | | | | | | | | | | | | | | | H | z x s | WEIGHT | COUPLING TYPE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | [kW] | DNS | DND | CP | W | H | X | YY | S | Z | c | L | L1 | L2 | L3 | B1 | B2 | DBSE | MRC | | max. | FOR SCREWS | [kg] | |
| 400-760 | 355L | 355 | 600 | 400 | 1975 | 1098 | 1292 | 800 | 900 | 500 | 500 | 460 | 3658 | 3050 | 250 | 850 | 1410 | 1340 | 6 | C.F. | | 1947 | 8 x Ø29 (M24) | 6210 | A280AC |
| 400-760 | 355L | 400 | 600 | 400 | 1975 | 1098 | 1292 | 800 | 900 | 500 | 500 | 460 | 3658 | 3050 | 250 | 850 | 1410 | 1340 | 6 | C.F. | | 1947 | 8 x Ø29 (M24) | 6356 | A280AC |
| 400-760 | 400JH | 450 | 600 | 400 | 1975 | 1098 | 1292 | 800 | 900 | 500 | 500 | 460 | 4021 | 3350 | 325 | 900 | 1410 | 1340 | 6 | C.F. | | 1947 | 8 x Ø29 (M24) | 7089 | A315M |
| 400-760 | 400JH | 500 | 600 | 400 | 1975 | 1098 | 1292 | 800 | 900 | 500 | 500 | 460 | 4021 | 3350 | 325 | 900 | 1410 | 1340 | 6 | C.F. | | 1947 | 8 x Ø29 (M24) | 7089 | A315M |
| 400-760 | 450LK | 560 | 600 | 400 | 1975 | 1098 | 1332 | 800 | 900 | 500 | 500 | 460 | 4085 | 3400 | 275 | 950 | 1410 | 1320 | 6 | C.F. | | 1987 | 8 x Ø29 (M24) | 8739 | A315N |
| 400-760 | 450LK | 630 | 600 | 400 | 1975 | 1098 | 1332 | 800 | 900 | 500 | 500 | 460 | 4085 | 3400 | 275 | 950 | 1410 | 1320 | 6 | C.F. | | 1987 | 8 x Ø29 (M24) | 8829 | A315N |
| 400-760 | 450JH | 710 | 600 | 400 | 1975 | 1098 | 1332 | 800 | 900 | 500 | 500 | 460 | 4235 | 3550 | 275 | 1000 | 1410 | 1320 | 6 | C.F. | | 1987 | 8 x Ø29 (M24) | 8913 | A350P |
| 400-800 | 400JH | 450 | 600 | 400 | 1975 | 1098 | 1292 | 800 | 900 | 500 | 500 | 460 | 4021 | 3350 | 325 | 900 | 1410 | 1340 | 6 | C.F. | | 1947 | 8 x Ø29 (M24) | 7084 | A315M |
| 400-800 | 400JH | 500 | 600 | 400 | 1975 | 1098 | 1292 | 800 | 900 | 500 | 500 | 460 | 4021 | 3350 | 325 | 900 | 1410 | 1340 | 6 | C.F. | | 1947 | 8 x Ø29 (M24) | 7084 | A315M |
| 400-800 | 450LK | 560 | 600 | 400 | 1975 | 1098 | 1332 | 800 | 900 | 500 | 500 | 460 | 4085 | 3400 | 275 | 950 | 1410 | 1320 | 6 | C.F. | | 1987 | 8 x Ø29 (M24) | 8734 | A315N |
| 400-800 | 450LK | 630 | 600 | 400 | 1975 | 1098 | 1332 | 800 | 900 | 500 | 500 | 460 | 4085 | 3400 | 275 | 950 | 1410 | 1320 | 6 | C.F. | | 1987 | 8 x Ø29 (M24) | 8824 | A315N |
| 400-800 | 450JH | 710 | 600 | 400 | 1975 | 1098 | 1332 | 800 | 900 | 500 | 500 | 460 | 4235 | 3550 | 275 | 1000 | 1410 | 1320 | 6 | C.F. | | 1987 | 8 x Ø29 (M24) | 8908 | A350P |
| 400-800 | 450HGF | 800 | 600 | 400 | 1975 | 1098 | 1332 | 800 | 900 | 500 | 500 | 460 | 4466 | 3650 | 275 | 775 | 1410 | 1320 | 6 | C.F. | | 2047 | 10 x Ø29 (M24) | 8910 | A350P |
| 400-800 | 450HGF | 900 | 600 | 400 | 1975 | 1098 | 1332 | 800 | 900 | 500 | 500 | 460 | 4466 | 3650 | 275 | 775 | 1410 | 1320 | 6 | C.F. | | 2047 | 10 x Ø29 (M24) | 9038 | A350P |
| 400-925 | 450JH | 710 | 600 | 400 | 2156 | 1188 | 1387 | 900 | 1000 | 550 | 550 | 515 | 4416 | 3700 | 300 | 775 | 1520 | 1430 | 6 | C.F. | | 2177 | 10 x Ø29 (M24) | 9403 | A350S |
| 400-925 | 450HGF | 800 | 600 | 400 | 2156 | 1188 | 1387 | 900 | 1000 | 550 | 550 | 515 | 4647 | 3800 | 300 | 800 | 1520 | 1430 | 6 | C.F. | | 2177 | 10 x Ø29 (M24) | 9405 | A350S |
| 400-925 | 450HGF | 900 | 600 | 400 | 2156 | 1188 | 1387 | 900 | 1000 | 550 | 550 | 515 | 4647 | 3800 | 300 | 800 | 1520 | 1430 | 6 | C.F. | | 2177 | 10 x Ø29 (M24) | 9533 | A350S |
| 400-925 | 500HGF | 1000 | 600 | 400 | 2156 | 1188 | 1387 | 900 | 1000 | 550 | 550 | 515 | 4900 | 4450 | 295 | 965 | 1520 | 1430 | 6 | C.F. | | 2177 | 10 x Ø29 (M24) | 9577 | A400J |
| 400-925 | 500HGF | 1100 | 600 | 400 | 2156 | 1188 | 1387 | 900 | 1000 | 550 | 550 | 515 | 4900 | 4450 | 295 | 965 | 1520 | 1430 | 6 | C.F. | | 2177 | 10 x Ø29 (M24) | 9677 | A400J |
| 400-925 | 560HGF | 1250 | 600 | 400 | 2156 | 1188 | 1387 | 900 | 1000 | 550 | 550 | 515 | 5032 | 4450 | 295 | 965 | 1520 | 1430 | 6 | C.F. | | 2183 | 10 x Ø29 (M24) | 10077 | A400K |
| 400-970 | 500HGF | 1000 | 600 | 400 | 2156 | 1188 | 1387 | 900 | 1000 | 550 | 550 | 515 | 4900 | 4450 | 295 | 965 | 1520 | 1430 | 6 | C.F. | | 2177 | 10 x Ø29 (M24) | 9577 | A400J |
| 400-970 | 500HGF | 1100 | 600 | 400 | 2156 | 1188 | 1387 | 900 | 1000 | 550 | 550 | 515 | 4900 | 4450 | 295 | 965 | 1520 | 1430 | 6 | C.F. | | 2177 | 10 x Ø29 (M24) | 9677 | A400J |
| 400-970 | 560HGF | 1250 | 600 | 400 | 2156 | 1188 | 1387 | 900 | 1000 | 550 | 550 | 515 | 5032 | 4450 | 295 | 965 | 1520 | 1430 | 6 | C.F. | | 2183 | 10 x Ø29 (M24) | 10077 | A400K |
| 450-370 | 280S | 45 | 500 | 450 | 1585 | 868 | 1112 | 650 | 850 | 400 | 400 | 410 | 2545,5 | 2200 | 200 | 900 | 1200 | 1130 | 4 | 89 | | 1647 | 6 x Ø29 (M24) | 2826 | A180L |
| 450-370 | 280M | 55 | 500 | 450 | 1585 | 868 | 1112 | 650 | 850 | 400 | 400 | 410 | 2600,5 | 2200 | 200 | 900 | 1200 | 1130 | 4 | 89 | | 1647 | 6 x Ø29 (M24) | 2922 | A180L |
| 450-370 | 315S | 75 | 500 | 450 | 1585 | 868 | 1112 | 650 | 850 | 400 | 400 | 410 | 2745 | 2450 | 225 | 1000 | 1200 | 1130 | 4 | 89 | | 1669 | 6 x Ø29 (M24) | 3218 | A180M |
| 450-390 | 315S | 75 | 500 | 450 | 1585 | 868 | 1112 | 650 | 850 | 400 | 400 | 410 | 2745 | 2450 | 225 | 1000 | 1200 | 1130 | 4 | 89 | | 1669 | 6 x Ø29 (M24) | 3218 | A180M |
| 450-390 | 315M | 90 | 500 | 450 | 1585 | 868 | 1112 | 650 | 850 | 400 | 400 | 410 | 2745 | 2450 | 225 | 1000 | 1200 | 1130 | 4 | 89 | | 1647 | 6 x Ø29 (M24) | 3296 | A180M |
| 450-390 | 315M | 110 | 500 | 450 | 1585 | 868 | 1112 | 650 | 850 | 400 | 400 | 410 | 2745 | 2450 | 225 | 1000 | 1200 | 1130 | 4 | 89 | | 1647 | 6 x Ø29 (M24) | 3376 | A180M |
| 500-430 | 315M | 110 | 600 | 500 | 1775 | 978 | 1242 | 750 | 1000 | 480 | 480 | 460 | 2935 | 2600 | 250 | 700 | 1410 | 1340 | 4 | 102 | | 1847 | 8 x Ø29 (M24) | 4354 | A200W |
| 500-430 | 315M | 132 | 600 | 500 | 1775 | 978 | 1242 | 750 | 1000 | 480 | 480 | 460 | 2935 | 2600 | 250 | 700 | 1410 | 1340 | 4 | 102 | | 1847 | 8 x Ø29 (M24) | 4543 | A200W |
| 500-430 | 355M | 160 | 600 | 500 | 1775 | 978 | 1242 | 750 | 1000 | 480 | 480 | 460 | 3244 | 2750 | 250 | 750 | 1410 | 1340 | 4 | 102 | | 1847 | 8 x Ø29 (M24) | 4896 | A200W |
| 500-450 | 315M | 132 | 600 | 500 | 1775 | 978 | 1242 | 750 | 1000 | 480 | 480 | 460 | 2935 | 2600 | 250 | 700 | 1410 | 1340 | 4 | 102 | | 1847 | 8 x Ø29 (M24) | 4543 | A200W |
| 500-450 | 355M | 160 | 600 | 500 | 1775 | 978 | 1242 | 750 | 1000 | 480 | 480 | 460 | 3244 | 2750 | 250 | 750 | 1410 | 1340 | 4 | 102 | | 1847 | 8 x Ø29 (M24) | 4896 | A200W |
| 500-450 | 355M | 200 | 600 | 500 | 1775 | 978 | 1242 | 750 | 1000 | 480 | 480 | 460 | 3244 | 2750 | 250 | 750 | 1410 | 1340 | 4 | 102 | | 1847 | 8 x Ø29 (M24) | 5003 | A225T |
| 500-500 | 315M | 132 | 600 | 500 | 1683 | 933 | 1242 | 800 | 900 | 500 | 500 | 460 | 2843 | 2550 | 225 | 700 | 1410 | 1340 | 4 | 77 | | 1867 | 8 x Ø29 (M24) | 4343 | A200W |
| 500-500 | 355M | 160 | 600 | 500 | 1683 | 933 | 1242 | 800 | 900 | 500 | 500 | 460 | 3152 | 2700 | 225 | 750 | 1410 | 1340 | 4 | 77 | | 1867 | 8 x Ø29 (M24) | 4696 | A200W |
| 500-500 | 355M | 200 | 600 | 500 | 1683 | 933 | 1242 | 800 | 900 | 500 | 500 | 460 | 3152 | 2700 | 225 | 750 | 1410 | 1340 | 4 | 77 | | 1867 | 8 x Ø29 (M24) | 4803 | A225T |
| 500-500 | 355M | 250 | 600 | 500 | 1683 | 933 | 1242 | 800 | 900 | 500 | 500 | 460 | 3154 | 2700 | 225 | 750 | 1410 | 1340 | 6 | 77 | | 1867 | 8 x Ø29 (M24) | 4817 | A250H |
| 500-525 | 355M | 160 | 600 | 500 | 1683 | 933 | 1242 | 800 | 900 | 500 | 500 | 460 | 3152 | 2700 | 225 | 750 | 1410 | 1340 | 4 | 77 | | 1867 | 8 x Ø29 (M24) | 4693 | A200W |
| 500-525 | 355M | 200 | 600 | 500 | 1683 | 933 | 1242 | 800 | 900 | 500 | 500 | 460 | 3152 | 2700 | 225 | 750 | 1410 | 1340 | 4 | 77 | | 1867 | 8 x Ø29 (M24) | 4800 | A225T |
| 500-525 | 355M | 250 | 600 | 500 | 1683 | 933 | 1242 | 800 | 900 | 500 | 500 | 460 | 3154 | 2700 | 225 | 750 | 1410 | 1340 | 6 | 77 | | 1867 | 8 x Ø29 (M24) | 4814 | A250H |
| 500-525 | 355L | 315 | 600 | 500 | 1683 | 933 | 1242 | 800 | 900 | 500 | 500 | 460 | 3171 | 2900 | 250 | 800 | 1410 | 1340 | 6 | 77 | | 1867 | 8 x Ø29 (M24) | 5632 | A250H |
| 500-525 | 355L | 355 | 600 | 500 | 1683 | 933 | 1242 | 800 | 900 | 500 | 500 | 460 | 3366 | 2900 | 250 | 800 | 1410 | 1340 | 6 | 77 | | 1867 | 8 x Ø29 (M24) | 5349 | A280P |
| 500-605 | 355M | 250 | 600 | 500 | 1725 | 953 | 1262 | 750 | 1000 | 520 | 520 | 460 | 3196 | 2700 | 225 | 750 | 1410 | 1340 | 6 | C.F. | | 1897 | 8 x Ø29 (M24) | 5605 | A250W |
| 500-605 | 355L | 315 | 600 | 500 | 1725 | 953 | 1262 | 750 | 1000 | 520 | 520 | 460 | 3213 | 2900 | 250 | 800 | 1410 | 1340 | 6 | C.F. | | 1897 | 8 x Ø29 (M24) | 6423 | A250W |
| 500-605 | 355L | 355 | 600 | 500 | 1725 | 953 | 1262 | 750 | 1000 | 520 | 520 | 460 | 3408 | 2900 | 250 | 800 | 1410 | 1340 | 6 | C.F. | | 1897 | 8 x Ø29 (M24) | 6140 | A280T |
| 500-605 | 355L | 400 | 600 | 500 | 1725 | 953 | 1262 | 750 | 1000 | 520 | 520 | 460 | 3408 | 2900 | 250 | 800 | 1410 | 1340 | 6 | C.F. | | 1897 | 8 x Ø29 (M24) | 6286 | A280T |

NOTE: Pumps with flanges according to EN1092-2 PN16/PN25 and ASME/ANSI B16.1 and B16.5 #125/#250/#150/#300 as standard. Flat face only
Flange drilling dimensions and additional Pump dimsions are in separate sections.
C.F. please Consult Factory

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a xylem brand

# e-XC SERIES
# DIMENSIONS AND WEIGHTS PBCM AT 50 Hz, 6 POLES

| PUMP TYPE eXC Size | IEC MOTOR FRAME | 1000 [rpm] [kW] | DIMENSIONS [mm] | | | | | | | | | | | | | | | | | | | H max. | z x s FOR SCREWS | WEIGHT [kg] | COUPLING TYPE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | DNS | DND | CP | W | H | X | YY | S | Z | c | L | L1 | L2 | L3 | B1 | B2 | DBSE | MRC | | | | | |
| 500-625 | 355L | 315 | 600 | 500 | 1725 | 953 | 1262 | 750 | 1000 | 520 | 520 | 460 | 3213 | 2900 | 250 | 800 | 1410 | 1340 | 6 | C.F. | | 1897 | 8 x Ø29 (M24) | 6420 | A250W |
| 500-625 | 355L | 355 | 600 | 500 | 1725 | 953 | 1262 | 750 | 1000 | 520 | 520 | 460 | 3408 | 2900 | 250 | 800 | 1410 | 1340 | 6 | C.F. | | 1897 | 8 x Ø29 (M24) | 6137 | A280T |
| 500-625 | 355L | 400 | 600 | 500 | 1725 | 953 | 1262 | 750 | 1000 | 520 | 520 | 460 | 3408 | 2900 | 250 | 800 | 1410 | 1340 | 6 | C.F. | | 1897 | 8 x Ø29 (M24) | 6283 | A280T |
| 500-625 | 400JH | 450 | 600 | 500 | 1725 | 953 | 1262 | 750 | 1000 | 520 | 520 | 460 | 3771 | 3200 | 250 | 900 | 1410 | 1340 | 6 | C.F. | | 1897 | 8 x Ø29 (M24) | 7016 | A315J |
| 500-625 | 400JH | 500 | 600 | 500 | 1725 | 953 | 1262 | 750 | 1000 | 520 | 520 | 460 | 3771 | 3200 | 250 | 900 | 1410 | 1340 | 6 | C.F. | | 1897 | 8 x Ø29 (M24) | 7016 | A315J |
| 500-690 | 355L | 400 | 700 | 500 | 2003 | 1113 | 1487 | 850 | 1050 | 600 | 600 | 515 | 3686 | 3100 | 275 | 850 | 1520 | 1430 | 6 | C.F. | | 2242 | 8 x Ø29 (M24) | 7405 | A315V |
| 500-690 | 400JH | 450 | 700 | 500 | 2003 | 1113 | 1487 | 850 | 1050 | 600 | 600 | 515 | 4049 | 3400 | 275 | 950 | 1520 | 1430 | 6 | C.F. | | 2242 | 8 x Ø29 (M24) | 8119 | A315W |
| 500-690 | 400JH | 500 | 700 | 500 | 2003 | 1113 | 1487 | 850 | 1050 | 600 | 600 | 515 | 4049 | 3400 | 275 | 950 | 1520 | 1430 | 6 | C.F. | | 2242 | 8 x Ø29 (M24) | 8119 | A315W |
| 500-690 | 450LK | 560 | 700 | 500 | 2003 | 1113 | 1487 | 850 | 1050 | 600 | 600 | 515 | 4113 | 3500 | 325 | 950 | 1520 | 1430 | 6 | C.F. | | 2242 | 8 x Ø29 (M24) | 9769 | A315X |
| 500-690 | 450LK | 630 | 700 | 500 | 2003 | 1113 | 1487 | 850 | 1050 | 600 | 600 | 515 | 4113 | 3500 | 325 | 950 | 1520 | 1430 | 6 | C.F. | | 2242 | 8 x Ø29 (M24) | 9859 | A315X |
| 500-690 | 450JH | 710 | 700 | 500 | 2003 | 1113 | 1487 | 850 | 1050 | 600 | 600 | 515 | 4263 | 3650 | 275 | 775 | 1520 | 1430 | 6 | C.F. | | 2242 | 10 x Ø29 (M24) | 9943 | A350S |
| 500-690 | 450HGF | 800 | 700 | 500 | 2003 | 1113 | 1487 | 850 | 1050 | 600 | 600 | 515 | 4494 | 3700 | 300 | 775 | 1520 | 1430 | 6 | C.F. | | 2242 | 10 x Ø29 (M24) | 9945 | A350S |
| 500-715 | 355L | 400 | 700 | 500 | 2003 | 1113 | 1487 | 850 | 1050 | 600 | 600 | 515 | 3686 | 3100 | 275 | 850 | 1520 | 1430 | 6 | C.F. | | 2242 | 8 x Ø29 (M24) | 7400 | A315V |
| 500-715 | 400JH | 450 | 700 | 500 | 2003 | 1113 | 1487 | 850 | 1050 | 600 | 600 | 515 | 4049 | 3400 | 275 | 950 | 1520 | 1430 | 6 | C.F. | | 2242 | 8 x Ø29 (M24) | 8114 | A315W |
| 500-715 | 400JH | 500 | 700 | 500 | 2003 | 1113 | 1487 | 850 | 1050 | 600 | 600 | 515 | 4049 | 3400 | 275 | 950 | 1520 | 1430 | 6 | C.F. | | 2242 | 8 x Ø29 (M24) | 8114 | A315W |
| 500-715 | 450LK | 560 | 700 | 500 | 2003 | 1113 | 1487 | 850 | 1050 | 600 | 600 | 515 | 4113 | 3500 | 325 | 950 | 1520 | 1430 | 6 | C.F. | | 2242 | 8 x Ø29 (M24) | 9764 | A315X |
| 500-715 | 450LK | 630 | 700 | 500 | 2003 | 1113 | 1487 | 850 | 1050 | 600 | 600 | 515 | 4113 | 3500 | 325 | 950 | 1520 | 1430 | 6 | C.F. | | 2242 | 8 x Ø29 (M24) | 9854 | A315X |
| 500-715 | 450JH | 710 | 700 | 500 | 2003 | 1113 | 1487 | 850 | 1050 | 600 | 600 | 515 | 4263 | 3650 | 275 | 775 | 1520 | 1430 | 6 | C.F. | | 2242 | 10 x Ø29 (M24) | 9938 | A350S |
| 500-715 | 450HGF | 800 | 700 | 500 | 2003 | 1113 | 1487 | 850 | 1050 | 600 | 600 | 515 | 4494 | 3700 | 300 | 775 | 1520 | 1430 | 6 | C.F. | | 2242 | 10 x Ø29 (M24) | 9940 | A350S |
| 500-715 | 450HGF | 900 | 700 | 500 | 2003 | 1113 | 1487 | 850 | 1050 | 600 | 600 | 515 | 4494 | 3700 | 300 | 775 | 1520 | 1430 | 6 | C.F. | | 2242 | 10 x Ø29 (M24) | 10068 | A350S |
| 500-715 | 500HGF | 1000 | 700 | 500 | 2003 | 1113 | 1487 | 850 | 1050 | 600 | 600 | 515 | 4747 | 4000 | 320 | 840 | 1520 | 1430 | 6 | C.F. | | 2242 | 10 x Ø29 (M24) | 10112 | A400J |
| 500-875 | 450HGF | 800 | 700 | 500 | 2312 | 1288 | 1487 | 950 | 1050 | 600 | 600 | 515 | 4803 | 3900 | 300 | 825 | 1520 | 1430 | 6 | C.F. | | 2272 | 10 x Ø29 (M24) | 10342 | A350AA |
| 500-875 | 450HGF | 900 | 700 | 500 | 2312 | 1288 | 1487 | 950 | 1050 | 600 | 600 | 515 | 4803 | 3900 | 300 | 825 | 1520 | 1430 | 6 | C.F. | | 2272 | 10 x Ø29 (M24) | 10470 | A350AA |
| 500-875 | 500HGF | 1000 | 700 | 500 | 2312 | 1288 | 1487 | 950 | 1050 | 600 | 600 | 515 | 5056 | 4450 | 295 | 965 | 1520 | 1430 | 6 | C.F. | | 2272 | 10 x Ø29 (M24) | 10514 | A400L |
| 500-875 | 500HGF | 1100 | 700 | 500 | 2312 | 1288 | 1487 | 950 | 1050 | 600 | 600 | 515 | 5056 | 4450 | 295 | 965 | 1520 | 1430 | 6 | C.F. | | 2272 | 10 x Ø29 (M24) | 10614 | A400L |
| 500-875 | 560HGF | 1250 | 700 | 500 | 2312 | 1288 | 1487 | 950 | 1050 | 600 | 600 | 515 | 5188 | 4450 | 295 | 965 | 1520 | 1430 | 6 | C.F. | | 2283 | 10 x Ø29 (M24) | 11014 | A400M |
| 500-920 | 450HGF | 800 | 700 | 500 | 2312 | 1288 | 1487 | 950 | 1050 | 600 | 600 | 515 | 4803 | 3900 | 300 | 825 | 1520 | 1430 | 6 | C.F. | | 2272 | 10 x Ø29 (M24) | 10335 | A350AA |
| 500-920 | 450HGF | 900 | 700 | 500 | 2312 | 1288 | 1487 | 950 | 1050 | 600 | 600 | 515 | 4803 | 3900 | 300 | 825 | 1520 | 1430 | 6 | C.F. | | 2272 | 10 x Ø29 (M24) | 10463 | A350AA |
| 500-920 | 500HGF | 1000 | 700 | 500 | 2312 | 1288 | 1487 | 950 | 1050 | 600 | 600 | 515 | 5056 | 4450 | 295 | 965 | 1520 | 1430 | 6 | C.F. | | 2272 | 10 x Ø29 (M24) | 10507 | A400L |
| 500-920 | 500HGF | 1100 | 700 | 500 | 2312 | 1288 | 1487 | 950 | 1050 | 600 | 600 | 515 | 5056 | 4450 | 295 | 965 | 1520 | 1430 | 6 | C.F. | | 2272 | 10 x Ø29 (M24) | 10607 | A400L |
| 500-920 | 560HGF | 1250 | 700 | 500 | 2312 | 1288 | 1487 | 950 | 1050 | 600 | 600 | 515 | 5188 | 4450 | 295 | 965 | 1520 | 1430 | 6 | C.F. | | 2283 | 10 x Ø29 (M24) | 11007 | A400M |
| 600-540 | 355M | 200 | 700 | 600 | 1865 | 1023 | 1367 | 900 | 1050 | 530 | 530 | 515 | 3336 | 2850 | 225 | 800 | 1520 | 1430 | 6 | 77 | | 2007 | 8 x Ø29 (M24) | 6015 | A250W |
| 600-540 | 355M | 250 | 700 | 600 | 1865 | 1023 | 1367 | 900 | 1050 | 530 | 530 | 515 | 3336 | 2850 | 225 | 800 | 1520 | 1430 | 6 | 77 | | 2007 | 8 x Ø29 (M24) | 6020 | A250W |
| 600-540 | 355L | 315 | 700 | 600 | 1865 | 1023 | 1367 | 900 | 1050 | 530 | 530 | 515 | 3353 | 3000 | 225 | 850 | 1520 | 1430 | 6 | 77 | | 2007 | 8 x Ø29 (M24) | 6838 | A250W |
| 600-540 | 355L | 355 | 700 | 600 | 1865 | 1023 | 1367 | 900 | 1050 | 530 | 530 | 515 | 3548 | 3000 | 225 | 850 | 1520 | 1430 | 6 | 77 | | 2007 | 8 x Ø29 (M24) | 6555 | A280T |
| 600-540 | 355L | 400 | 700 | 600 | 1865 | 1023 | 1367 | 900 | 1050 | 530 | 530 | 515 | 3548 | 3000 | 225 | 850 | 1520 | 1430 | 6 | 77 | | 2007 | 8 x Ø29 (M24) | 6701 | A280T |
| 600-575 | 355L | 315 | 700 | 600 | 1865 | 1023 | 1367 | 900 | 1050 | 530 | 530 | 515 | 3353 | 3000 | 225 | 850 | 1520 | 1430 | 6 | 77 | | 2007 | 8 x Ø29 (M24) | 6835 | A250W |
| 600-575 | 355L | 355 | 700 | 600 | 1865 | 1023 | 1367 | 900 | 1050 | 530 | 530 | 515 | 3548 | 3000 | 225 | 850 | 1520 | 1430 | 6 | 77 | | 2007 | 8 x Ø29 (M24) | 6552 | A280T |
| 600-575 | 355L | 400 | 700 | 600 | 1865 | 1023 | 1367 | 900 | 1050 | 530 | 530 | 515 | 3548 | 3000 | 225 | 850 | 1520 | 1430 | 6 | 77 | | 2007 | 8 x Ø29 (M24) | 6698 | A280T |
| 600-575 | 400JH | 450 | 700 | 600 | 1865 | 1023 | 1367 | 900 | 1050 | 530 | 530 | 515 | 3911 | 3350 | 325 | 900 | 1520 | 1430 | 6 | 77 | | 2007 | 8 x Ø29 (M24) | 7431 | A315J |
| 600-575 | 400JH | 500 | 700 | 600 | 1865 | 1023 | 1367 | 900 | 1050 | 530 | 530 | 515 | 3911 | 3350 | 325 | 900 | 1520 | 1430 | 6 | 77 | | 2007 | 8 x Ø29 (M24) | 7431 | A315J |
| 600-580 | 355L | 315 | 700 | 600 | 1973 | 1098 | 1387 | 900 | 1050 | 550 | 550 | 515 | 3461 | 3100 | 275 | 850 | 1520 | 1430 | 6 | C.F. | | 2087 | 8 x Ø29 (M24) | 6568 | A280AC |
| 600-580 | 355L | 355 | 700 | 600 | 1973 | 1098 | 1387 | 900 | 1050 | 550 | 550 | 515 | 3656 | 3100 | 275 | 850 | 1520 | 1430 | 6 | C.F. | | 2087 | 8 x Ø29 (M24) | 6275 | A280AC |
| 600-580 | 355L | 400 | 700 | 600 | 1973 | 1098 | 1387 | 900 | 1050 | 550 | 550 | 515 | 3656 | 3100 | 275 | 850 | 1520 | 1430 | 6 | C.F. | | 2087 | 8 x Ø29 (M24) | 6421 | A280AC |
| 600-580 | 400JH | 450 | 700 | 600 | 1973 | 1098 | 1387 | 900 | 1050 | 550 | 550 | 515 | 4019 | 3400 | 275 | 950 | 1520 | 1430 | 6 | C.F. | | 2087 | 8 x Ø29 (M24) | 7135 | A280AE |
| 600-580 | 400JH | 500 | 700 | 600 | 1973 | 1098 | 1387 | 900 | 1050 | 550 | 550 | 515 | 4019 | 3400 | 275 | 950 | 1520 | 1430 | 6 | C.F. | | 2087 | 8 x Ø29 (M24) | 7154 | A315M |

NOTE: Pumps with flanges according to EN1092-2 PN16/PN25 and ASME/ANSI B16.1 and B16.5 #125/#250/#150/#300 as standard. Flat face only
Flange drilling dimensions and additional Pump dimsions are in separate sections.
C.F. please Consult Factory

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# e-XC SERIES
# DIMENSIONS AND WEIGHTS PBCM AT 50 Hz, 6 POLES

| PUMP TYPE eXC Size | IEC MOTOR FRAME | 1000 [rpm] | DIMENSIONS [mm] | | | | | | | | | | | | | | | | | | | H | z x s | WEIGHT | COUPLING TYPE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | [kW] | DNS | DND | CP | W | H | X | YY | S | Z | c | L | L1 | L2 | L3 | B1 | B2 | DBSE | MRC | max. | FOR SCREWS | [kg] | |
| 600-610 | 355L | 355 | 700 | 600 | 1973 | 1098 | 1387 | 900 | 1050 | 550 | 550 | 515 | 3656 | 3100 | 275 | 850 | 1520 | 1430 | 6 | C.F. | 2087 | 8 x Ø29 (M24) | 6272 | A280AC |
| 600-610 | 355L | 400 | 700 | 600 | 1973 | 1098 | 1387 | 900 | 1050 | 550 | 550 | 515 | 3656 | 3100 | 275 | 850 | 1520 | 1430 | 6 | C.F. | 2087 | 8 x Ø29 (M24) | 6418 | A280AC |
| 600-610 | 400JH | 450 | 700 | 600 | 1973 | 1098 | 1387 | 900 | 1050 | 550 | 550 | 515 | 4019 | 3400 | 275 | 950 | 1520 | 1430 | 6 | C.F. | 2087 | 8 x Ø29 (M24) | 7151 | A315M |
| 600-610 | 400JH | 500 | 700 | 600 | 1973 | 1098 | 1387 | 900 | 1050 | 550 | 550 | 515 | 4019 | 3400 | 275 | 950 | 1520 | 1430 | 6 | C.F. | 2087 | 8 x Ø29 (M24) | 7151 | A315M |
| 600-610 | 450LK | 560 | 700 | 600 | 1973 | 1098 | 1387 | 900 | 1050 | 550 | 550 | 515 | 4083 | 3450 | 300 | 950 | 1520 | 1430 | 6 | C.F. | 2087 | 8 x Ø29 (M24) | 8801 | A315N |
| 600-770 | 450JH | 710 | 800 | 600 | 2263 | 1263 | 1637 | 1000 | 1200 | 700 | 700 | 600 | 4523 | 3850 | 275 | 825 | 1640 | 1550 | 6 | C.F. | 2482 | 10 x Ø29 (M24) | 12480 | A350AA |
| 600-770 | 450HGF | 800 | 800 | 600 | 2263 | 1263 | 1637 | 1000 | 1200 | 700 | 700 | 600 | 4754 | 3950 | 295 | 840 | 1640 | 1550 | 6 | C.F. | 2482 | 10 x Ø29 (M24) | 12482 | A350AA |
| 600-770 | 450HGF | 900 | 800 | 600 | 2263 | 1263 | 1637 | 1000 | 1200 | 700 | 700 | 600 | 4754 | 3950 | 295 | 840 | 1640 | 1550 | 6 | C.F. | 2482 | 10 x Ø29 (M24) | 12610 | A350AA |
| 600-770 | 500HGF | 1000 | 800 | 600 | 2263 | 1263 | 1637 | 1000 | 1200 | 700 | 700 | 600 | 5007 | 4450 | 295 | 965 | 1640 | 1550 | 6 | C.F. | 2482 | 10 x Ø29 (M24) | 12654 | A400L |
| 600-770 | 500HGF | 1100 | 800 | 600 | 2263 | 1263 | 1637 | 1000 | 1200 | 700 | 700 | 600 | 5007 | 4450 | 295 | 965 | 1640 | 1550 | 6 | C.F. | 2482 | 10 x Ø29 (M24) | 12754 | A400L |
| 600-770 | 560HGF | 1250 | 800 | 600 | 2263 | 1263 | 1637 | 1000 | 1200 | 700 | 700 | 600 | 5139 | 4450 | 295 | 965 | 1640 | 1550 | 6 | C.F. | 2482 | 10 x Ø29 (M24) | 13154 | A400M |
| 600-810 | 450HGF | 800 | 800 | 600 | 2263 | 1263 | 1637 | 1000 | 1200 | 700 | 700 | 600 | 4754 | 3950 | 295 | 840 | 1640 | 1550 | 6 | C.F. | 2482 | 10 x Ø29 (M24) | 12475 | A350AA |
| 600-810 | 450HGF | 900 | 800 | 600 | 2263 | 1263 | 1637 | 1000 | 1200 | 700 | 700 | 600 | 4754 | 3950 | 295 | 840 | 1640 | 1550 | 6 | C.F. | 2482 | 10 x Ø29 (M24) | 12603 | A350AA |
| 600-810 | 500HGF | 1000 | 800 | 600 | 2263 | 1263 | 1637 | 1000 | 1200 | 700 | 700 | 600 | 5007 | 4450 | 295 | 965 | 1640 | 1550 | 6 | C.F. | 2482 | 10 x Ø29 (M24) | 12647 | A400L |
| 600-810 | 500HGF | 1100 | 800 | 600 | 2263 | 1263 | 1637 | 1000 | 1200 | 700 | 700 | 600 | 5007 | 4450 | 295 | 965 | 1640 | 1550 | 6 | C.F. | 2482 | 10 x Ø29 (M24) | 12747 | A400L |
| 600-810 | 560HGF | 1250 | 800 | 600 | 2263 | 1263 | 1637 | 1000 | 1200 | 700 | 700 | 600 | 5139 | 4450 | 295 | 965 | 1640 | 1550 | 6 | C.F. | 2482 | 10 x Ø29 (M24) | 13147 | A400M |
| 600-950 | 500HGF | 1100 | 800 | 600 | 2587 | 1393 | 1587 | 1150 | 1200 | 650 | 650 | 705 | 5331 | 4450 | 295 | 965 | 1900 | 1810 | 6 | C.F. | 2422 | 10 x Ø29 (M24) | 12081 | A440K |
| 600-950 | 560HGF | 1250 | 800 | 600 | 2587 | 1393 | 1587 | 1150 | 1200 | 650 | 650 | 705 | 5463 | 4750 | 335 | 1020 | 1900 | 1810 | 6 | C.F. | 2422 | 10 x Ø29 (M24) | 12481 | A440L |
| 600-1000 | 560HGF | 1250 | 800 | 600 | 2587 | 1393 | 1587 | 1150 | 1200 | 650 | 650 | 705 | 5463 | 4750 | 335 | 1020 | 1900 | 1810 | 6 | C.F. | 2422 | 10 x Ø29 (M24) | 12481 | A440L |
| 600-1060 | 560HGF | 1250 | 800 | 600 | 2687 | 1443 | 1637 | 1250 | 1300 | 700 | 700 | 705 | 5563 | 4750 | 335 | 1020 | 1900 | 1810 | 6 | C.F. | 2552 | 10 x Ø29 (M24) | 14352 | A440L |
| 600-1115 | 560HGF | 1250 | 800 | 600 | 2687 | 1443 | 1637 | 1250 | 1300 | 700 | 700 | 705 | 5563 | 4750 | 335 | 1020 | 1900 | 1810 | 6 | C.F. | 2552 | 10 x Ø29 (M24) | 14345 | A440L |
| 700-505 | 355M | 200 | 700 | 700 | 2003 | 1093 | 1437 | 900 | 1100 | 610 | 610 | 515 | 3474 | 2900 | 250 | 800 | 1520 | 1430 | 6 | C.F. | 2252 | 8 x Ø29 (M24) | 7956 | A250W |
| 700-505 | 355M | 250 | 700 | 700 | 2003 | 1093 | 1437 | 900 | 1100 | 610 | 610 | 515 | 3474 | 2900 | 250 | 800 | 1520 | 1430 | 6 | C.F. | 2252 | 8 x Ø29 (M24) | 7961 | A250W |
| 700-505 | 355L | 315 | 700 | 700 | 2003 | 1093 | 1437 | 900 | 1100 | 610 | 610 | 515 | 3491 | 3100 | 275 | 850 | 1520 | 1430 | 6 | C.F. | 2252 | 8 x Ø29 (M24) | 8779 | A250W |
| 700-535 | 355M | 250 | 700 | 700 | 2003 | 1093 | 1437 | 900 | 1100 | 610 | 610 | 515 | 3474 | 2900 | 250 | 800 | 1520 | 1430 | 6 | C.F. | 2252 | 8 x Ø29 (M24) | 7961 | A250W |
| 700-535 | 355L | 315 | 700 | 700 | 2003 | 1093 | 1437 | 900 | 1100 | 610 | 610 | 515 | 3491 | 3100 | 275 | 850 | 1520 | 1430 | 6 | C.F. | 2252 | 8 x Ø29 (M24) | 8779 | A250W |
| 700-535 | 355L | 355 | 700 | 700 | 2003 | 1093 | 1437 | 900 | 1100 | 610 | 610 | 515 | 3686 | 3100 | 275 | 850 | 1520 | 1430 | 6 | C.F. | 2252 | 8 x Ø29 (M24) | 8496 | A280T |
| 700-535 | 355L | 400 | 700 | 700 | 2003 | 1093 | 1437 | 900 | 1100 | 610 | 610 | 515 | 3686 | 3100 | 275 | 850 | 1520 | 1430 | 6 | C.F. | 2252 | 8 x Ø29 (M24) | 8642 | A280T |
| 700-535 | 400JH | 450 | 700 | 700 | 2003 | 1093 | 1437 | 900 | 1100 | 610 | 610 | 515 | 4049 | 3400 | 275 | 950 | 1520 | 1430 | 6 | C.F. | 2252 | 8 x Ø29 (M24) | 9375 | A315J |
| 700-585 | 355L | 400 | 800 | 700 | 2153 | 1188 | 1487 | 950 | 1150 | 600 | 600 | 600 | 3836 | 3250 | 275 | 900 | 1640 | 1550 | 6 | C.F. | 2247 | 8 x Ø29 (M24) | 8580 | A315V |
| 700-585 | 400JH | 450 | 800 | 700 | 2153 | 1188 | 1487 | 950 | 1150 | 600 | 600 | 600 | 4199 | 3600 | 300 | 1000 | 1640 | 1550 | 6 | C.F. | 2247 | 8 x Ø29 (M24) | 9294 | A315W |
| 700-585 | 400JH | 500 | 800 | 700 | 2153 | 1188 | 1487 | 950 | 1150 | 600 | 600 | 600 | 4199 | 3600 | 300 | 1000 | 1640 | 1550 | 6 | C.F. | 2247 | 8 x Ø29 (M24) | 9294 | A315W |
| 700-585 | 450LK | 560 | 800 | 700 | 2153 | 1188 | 1487 | 950 | 1150 | 600 | 600 | 600 | 4263 | 3650 | 275 | 775 | 1640 | 1550 | 6 | C.F. | 2247 | 10 x Ø29 (M24) | 10944 | A315X |
| 700-585 | 450LK | 630 | 800 | 700 | 2153 | 1188 | 1487 | 950 | 1150 | 600 | 600 | 600 | 4263 | 3650 | 275 | 775 | 1640 | 1550 | 6 | C.F. | 2247 | 10 x Ø29 (M24) | 11034 | A315X |
| 700-615 | 450LK | 560 | 800 | 700 | 2153 | 1188 | 1487 | 950 | 1150 | 600 | 600 | 600 | 4263 | 3650 | 275 | 775 | 1640 | 1550 | 6 | C.F. | 2247 | 10 x Ø29 (M24) | 10944 | A315X |
| 700-615 | 450LK | 630 | 800 | 700 | 2153 | 1188 | 1487 | 950 | 1150 | 600 | 600 | 600 | 4263 | 3650 | 275 | 775 | 1640 | 1550 | 6 | C.F. | 2247 | 10 x Ø29 (M24) | 11034 | A315X |
| 700-615 | 450JH | 710 | 800 | 700 | 2153 | 1188 | 1487 | 950 | 1150 | 600 | 600 | 600 | 4413 | 3800 | 300 | 800 | 1640 | 1550 | 6 | C.F. | 2247 | 10 x Ø29 (M24) | 11118 | A350S |
| 700-615 | 450HGF | 800 | 800 | 700 | 2153 | 1188 | 1487 | 950 | 1150 | 600 | 600 | 600 | 4644 | 3850 | 275 | 825 | 1640 | 1550 | 6 | C.F. | 2247 | 10 x Ø29 (M24) | 11120 | A350S |
| 700-615 | 450HGF | 900 | 800 | 700 | 2153 | 1188 | 1487 | 950 | 1150 | 600 | 600 | 600 | 4644 | 3850 | 275 | 825 | 1640 | 1550 | 6 | C.F. | 2247 | 10 x Ø29 (M24) | 11248 | A350S |
| 700-635 | 450LK | 560 | 800 | 700 | 2153 | 1188 | 1537 | 1000 | 1200 | 650 | 650 | 600 | 4263 | 3650 | 275 | 775 | 1640 | 1550 | 6 | C.F. | 2367 | 10 x Ø29 (M24) | 10409 | A315X |
| 700-635 | 450LK | 630 | 800 | 700 | 2153 | 1188 | 1537 | 1000 | 1200 | 650 | 650 | 600 | 4263 | 3650 | 275 | 775 | 1640 | 1550 | 6 | C.F. | 2367 | 10 x Ø29 (M24) | 10499 | A315X |
| 700-635 | 450JH | 710 | 800 | 700 | 2153 | 1188 | 1537 | 1000 | 1200 | 650 | 650 | 600 | 4413 | 3800 | 300 | 800 | 1640 | 1550 | 6 | C.F. | 2367 | 10 x Ø29 (M24) | 10583 | A350S |
| 700-635 | 450HGF | 800 | 800 | 700 | 2153 | 1188 | 1537 | 1000 | 1200 | 650 | 650 | 600 | 4644 | 3850 | 275 | 825 | 1640 | 1550 | 6 | C.F. | 2367 | 10 x Ø29 (M24) | 10585 | A350S |
| 700-635 | 450HGF | 900 | 800 | 700 | 2153 | 1188 | 1537 | 1000 | 1200 | 650 | 650 | 600 | 4644 | 3850 | 275 | 825 | 1640 | 1550 | 6 | C.F. | 2367 | 10 x Ø29 (M24) | 10713 | A350S |
| 700-670 | 450LK | 630 | 800 | 700 | 2153 | 1188 | 1537 | 1000 | 1200 | 650 | 650 | 600 | 4263 | 3650 | 275 | 775 | 1640 | 1550 | 6 | C.F. | 2367 | 10 x Ø29 (M24) | 10494 | A315X |
| 700-670 | 450JH | 710 | 800 | 700 | 2153 | 1188 | 1537 | 1000 | 1200 | 650 | 650 | 600 | 4413 | 3800 | 300 | 800 | 1640 | 1550 | 6 | C.F. | 2367 | 10 x Ø29 (M24) | 10578 | A350S |
| 700-670 | 450HGF | 800 | 800 | 700 | 2153 | 1188 | 1537 | 1000 | 1200 | 650 | 650 | 600 | 4644 | 3850 | 275 | 825 | 1640 | 1550 | 6 | C.F. | 2367 | 10 x Ø29 (M24) | 10580 | A350S |
| 700-670 | 450HGF | 900 | 800 | 700 | 2153 | 1188 | 1537 | 1000 | 1200 | 650 | 650 | 600 | 4644 | 3850 | 275 | 825 | 1640 | 1550 | 6 | C.F. | 2367 | 10 x Ø29 (M24) | 10708 | A350S |
| 700-670 | 500HGF | 1000 | 800 | 700 | 2153 | 1188 | 1537 | 1000 | 1200 | 650 | 650 | 600 | 4897 | 4450 | 295 | 965 | 1640 | 1550 | 6 | C.F. | 2367 | 10 x Ø29 (M24) | 10752 | A400J |
| 700-670 | 500HGF | 1100 | 800 | 700 | 2153 | 1188 | 1537 | 1000 | 1200 | 650 | 650 | 600 | 4897 | 4450 | 295 | 965 | 1640 | 1550 | 6 | C.F. | 2367 | 10 x Ø29 (M24) | 10852 | A400J |

NOTE: Pumps with flanges according to EN1092-2 PN16/PN25 and ASME/ANSI B16.1 and B16.5 #125/#250/#150/#300 as standard. Flat face only
Flange drilling dimensions and additional Pump dimsions are in separate sections.
C.F. please Consult Factory

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LOWARA
a xylem brand

# e-XC SERIES
# DIMENSIONS AND WEIGHTS PBCM AT 50 Hz, 6 POLES

| PUMP TYPE eXC Size | IEC MOTOR FRAME | 1000 [rpm] [kW] | DIMENSIONS [mm] DNS | DND | CP | W | H | X | YY | S | Z | c | L | L1 | L2 | L3 | B1 | B2 | DBSE | MRC | H max. | z x s FOR SCREWS | WEIGHT [kg] | COUPLING TYPE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 800-560 | 355L | 355 | 800 | 800 | 2243 | 1233 | 1567 | 1000 | 1200 | 680 | 680 | 600 | 3926 | 3300 | 300 | 900 | 1640 | 1550 | 6 | C.F. | 2462 | 8 x Ø29 (M24) | 10095 | A280AC |
| 800-560 | 355L | 400 | 800 | 800 | 2243 | 1233 | 1567 | 1000 | 1200 | 680 | 680 | 600 | 3926 | 3300 | 300 | 900 | 1640 | 1550 | 6 | C.F. | 2462 | 8 x Ø29 (M24) | 10241 | A280AC |
| 800-560 | 400JH | 450 | 800 | 800 | 2243 | 1233 | 1567 | 1000 | 1200 | 680 | 680 | 600 | 4289 | 3650 | 275 | 775 | 1640 | 1550 | 6 | C.F. | 2462 | 10 x Ø29 (M24) | 10974 | A315M |
| 800-560 | 400JH | 500 | 800 | 800 | 2243 | 1233 | 1567 | 1000 | 1200 | 680 | 680 | 600 | 4289 | 3650 | 275 | 775 | 1640 | 1550 | 6 | C.F. | 2462 | 10 x Ø29 (M24) | 10974 | A315M |
| 800-560 | 450LK | 560 | 800 | 800 | 2243 | 1233 | 1567 | 1000 | 1200 | 680 | 680 | 600 | 4353 | 3700 | 300 | 775 | 1640 | 1550 | 6 | C.F. | 2462 | 10 x Ø29 (M24) | 12624 | A315N |
| 800-590 | 400JH | 450 | 800 | 800 | 2243 | 1233 | 1567 | 1000 | 1200 | 680 | 680 | 600 | 4289 | 3650 | 275 | 775 | 1640 | 1550 | 6 | C.F. | 2462 | 10 x Ø29 (M24) | 10971 | A315M |
| 800-590 | 400JH | 500 | 800 | 800 | 2243 | 1233 | 1567 | 1000 | 1200 | 680 | 680 | 600 | 4289 | 3650 | 275 | 775 | 1640 | 1550 | 6 | C.F. | 2462 | 10 x Ø29 (M24) | 10971 | A315M |
| 800-590 | 450LK | 560 | 800 | 800 | 2243 | 1233 | 1567 | 1000 | 1200 | 680 | 680 | 600 | 4353 | 3700 | 300 | 775 | 1640 | 1550 | 6 | C.F. | 2462 | 10 x Ø29 (M24) | 12621 | A315N |
| 800-590 | 450LK | 630 | 800 | 800 | 2243 | 1233 | 1567 | 1000 | 1200 | 680 | 680 | 600 | 4353 | 3700 | 300 | 775 | 1640 | 1550 | 6 | C.F. | 2462 | 10 x Ø29 (M24) | 12711 | A315N |
| 800-590 | 450JH | 710 | 800 | 800 | 2243 | 1233 | 1567 | 1000 | 1200 | 680 | 680 | 600 | 4503 | 3850 | 275 | 825 | 1640 | 1550 | 6 | C.F. | 2462 | 10 x Ø29 (M24) | 12795 | A350P |

NOTE: Pumps with flanges according to EN1092-2 PN16/PN25 and ASME/ANSI B16.1 and B16.5 #125/#250/#150/#300 as standard. Flat face only
Flange drilling dimensions and additional Pump dimsions are in separate sections.
C.F. please Consult Factory

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# e-XC SERIES
# DIMENSIONS AND WEIGHTS PBCM AT 50 Hz, 8 POLES

| PUMP TYPE eXC Size | IEC MOTOR FRAME | 750 [rpm] [kW] | DIMENSIONS [mm] DNS | DND | CP | W | H | X | YY | S | Z | c | L | L1 | L2 | L3 | B1 | B2 | DBSE | MRC | H max. | z x s FOR SCREWS | WEIGHT [kg] | COUPLING TYPE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 400-925 | 400JH | 450 | 600 | 400 | 2156 | 1188 | 1387 | 900 | 1000 | 550 | 550 | 515 | 4202 | 3500 | 325 | 950 | 1520 | 1430 | 6 | C.F. | 2177 | 8 x Ø29 (M24) | 7773 | A350R |
| 400-925 | 400JH | 500 | 600 | 400 | 2156 | 1188 | 1387 | 900 | 1000 | 550 | 550 | 515 | 4416 | 3700 | 300 | 775 | 1520 | 1430 | 6 | C.F. | 2177 | 10 x Ø29 (M24) | 9519 | A350R |
| 400-925 | 450JH | 560 | 600 | 400 | 2156 | 1188 | 1387 | 900 | 1000 | 550 | 550 | 515 | 4416 | 3700 | 300 | 775 | 1520 | 1430 | 6 | C.F. | 2177 | 10 x Ø29 (M24) | 9520 | A350S |
| 400-970 | 400JH | 500 | 600 | 400 | 2156 | 1188 | 1387 | 900 | 1000 | 550 | 550 | 515 | 4416 | 3700 | 300 | 775 | 1520 | 1430 | 6 | C.F. | 2177 | 10 x Ø29 (M24) | 9519 | A350R |
| 400-970 | 450JH | 560 | 600 | 400 | 2156 | 1188 | 1387 | 900 | 1000 | 550 | 550 | 515 | 4416 | 3700 | 300 | 775 | 1520 | 1430 | 6 | C.F. | 2177 | 10 x Ø29 (M24) | 9520 | A350S |
| 400-970 | 450HGF | 630 | 600 | 400 | 2156 | 1188 | 1387 | 900 | 1000 | 550 | 550 | 515 | 4647 | 3800 | 300 | 800 | 1520 | 1430 | 6 | C.F. | 2177 | 10 x Ø29 (M24) | 9693 | A350S |
| 400-970 | 450HGF | 710 | 600 | 400 | 2156 | 1188 | 1387 | 900 | 1000 | 550 | 550 | 515 | 4647 | 3800 | 300 | 800 | 1520 | 1430 | 6 | C.F. | 2177 | 10 x Ø29 (M24) | 9655 | A350S |
| 600-950 | 450HGF | 710 | 800 | 600 | 2587 | 1393 | 1587 | 1150 | 1200 | 650 | 650 | 705 | 5078 | 4450 | 295 | 965 | 1900 | 1810 | 6 | C.F. | 2422 | 10 x Ø29 (M24) | 12086 | A440J |
| 600-950 | 500HGF | 800 | 800 | 600 | 2587 | 1393 | 1587 | 1150 | 1200 | 650 | 650 | 705 | 5331 | 4450 | 295 | 965 | 1900 | 1810 | 6 | C.F. | 2422 | 10 x Ø29 (M24) | 12156 | A440K |
| 600-950 | 500HGF | 900 | 800 | 600 | 2587 | 1393 | 1587 | 1150 | 1200 | 650 | 650 | 705 | 5331 | 4450 | 295 | 965 | 1900 | 1810 | 6 | C.F. | 2422 | 10 x Ø29 (M24) | 12256 | A440K |
| 600-950 | 560HGF | 1000 | 800 | 600 | 2587 | 1393 | 1587 | 1150 | 1200 | 650 | 650 | 705 | 5463 | 4750 | 335 | 1020 | 1900 | 1810 | 6 | C.F. | 2422 | 10 x Ø29 (M24) | 12456 | A440L |
| 600-1000 | 560HGF | 1000 | 800 | 600 | 2587 | 1393 | 1587 | 1150 | 1200 | 650 | 650 | 705 | 5463 | 4750 | 335 | 1020 | 1900 | 1810 | 6 | C.F. | 2422 | 10 x Ø29 (M24) | 12456 | A440L |
| 600-1000 | 560HGF | 1100 | 800 | 600 | 2587 | 1393 | 1587 | 1150 | 1200 | 650 | 650 | 705 | 5463 | 4750 | 335 | 1020 | 1900 | 1810 | 6 | C.F. | 2422 | 10 x Ø29 (M24) | 12456 | A440L |
| 600-1060 | 450JH | 560 | 800 | 600 | 2687 | 1443 | 1637 | 1250 | 1300 | 700 | 700 | 705 | 4947 | 4450 | 295 | 965 | 1900 | 1810 | 6 | C.F. | 2552 | 10 x Ø29 (M24) | 13821 | A440J |
| 600-1060 | 450HGF | 630 | 800 | 600 | 2687 | 1443 | 1637 | 1250 | 1300 | 700 | 700 | 705 | 5178 | 4450 | 295 | 965 | 1900 | 1810 | 6 | C.F. | 2552 | 10 x Ø29 (M24) | 13994 | A440J |
| 600-1060 | 450HGF | 710 | 800 | 600 | 2687 | 1443 | 1637 | 1250 | 1300 | 700 | 700 | 705 | 5178 | 4450 | 295 | 965 | 1900 | 1810 | 6 | C.F. | 2552 | 10 x Ø29 (M24) | 13956 | A440J |
| 600-1115 | 500HGF | 800 | 800 | 600 | 2687 | 1443 | 1637 | 1250 | 1300 | 700 | 700 | 705 | 5431 | 4500 | 350 | 950 | 1900 | 1810 | 6 | C.F. | 2552 | 10 x Ø29 (M24) | 14026 | A440K |
| 600-1115 | 500HGF | 900 | 800 | 600 | 2687 | 1443 | 1637 | 1250 | 1300 | 700 | 700 | 705 | 5431 | 4500 | 350 | 950 | 1900 | 1810 | 6 | C.F. | 2552 | 10 x Ø29 (M24) | 14126 | A440K |
| 600-1115 | 560HGF | 1000 | 800 | 600 | 2687 | 1443 | 1637 | 1250 | 1300 | 700 | 700 | 705 | 5563 | 4750 | 335 | 1020 | 1900 | 1810 | 6 | C.F. | 2552 | 10 x Ø29 (M24) | 14326 | A440L |
| 700-735 | 400JH | 450 | 800 | 700 | 2273 | 1248 | 1587 | 1100 | 1300 | 700 | 700 | 600 | 4319 | 3650 | 275 | 775 | 1640 | 1550 | 6 | C.F. | 2497 | 10 x Ø29 (M24) | 10205 | A350R |
| 700-735 | 400JH | 500 | 800 | 700 | 2273 | 1248 | 1587 | 1100 | 1300 | 700 | 700 | 600 | 4533 | 3850 | 275 | 825 | 1640 | 1550 | 6 | C.F. | 2497 | 10 x Ø29 (M24) | 11969 | A350R |
| 700-735 | 450JH | 560 | 800 | 700 | 2273 | 1248 | 1587 | 1100 | 1300 | 700 | 700 | 600 | 4533 | 3850 | 275 | 825 | 1640 | 1550 | 6 | C.F. | 2497 | 10 x Ø29 (M24) | 11970 | A350S |
| 700-735 | 450HGF | 630 | 800 | 700 | 2273 | 1248 | 1587 | 1100 | 1300 | 700 | 700 | 600 | 4764 | 3950 | 295 | 840 | 1640 | 1550 | 6 | C.F. | 2497 | 10 x Ø29 (M24) | 12143 | A350S |
| 700-775 | 450JH | 560 | 800 | 700 | 2273 | 1248 | 1587 | 1100 | 1300 | 700 | 700 | 600 | 4533 | 3850 | 275 | 825 | 1640 | 1550 | 6 | C.F. | 2497 | 10 x Ø29 (M24) | 11970 | A350S |
| 700-775 | 450HGF | 630 | 800 | 700 | 2273 | 1248 | 1587 | 1100 | 1300 | 700 | 700 | 600 | 4764 | 3950 | 295 | 840 | 1640 | 1550 | 6 | C.F. | 2497 | 10 x Ø29 (M24) | 12143 | A350S |
| 700-775 | 450HGF | 710 | 800 | 700 | 2273 | 1248 | 1587 | 1100 | 1300 | 700 | 700 | 600 | 4764 | 3950 | 295 | 840 | 1640 | 1550 | 6 | C.F. | 2497 | 10 x Ø29 (M24) | 12105 | A350S |
| 700-775 | 500HGF | 800 | 800 | 700 | 2273 | 1248 | 1587 | 1100 | 1300 | 700 | 700 | 600 | 5017 | 4450 | 295 | 965 | 1640 | 1550 | 6 | C.F. | 2497 | 10 x Ø29 (M24) | 12209 | A400J |
| 700-830 | 450HGF | 630 | 800 | 700 | 2363 | 1313 | 1637 | 1050 | 1300 | 750 | 750 | 600 | 4854 | 4000 | 320 | 840 | 1640 | 1550 | 6 | C.F. | 2547 | 10 x Ø29 (M24) | 13923 | A350AA |
| 700-830 | 450HGF | 710 | 800 | 700 | 2363 | 1313 | 1637 | 1050 | 1300 | 750 | 750 | 600 | 4854 | 4000 | 320 | 840 | 1640 | 1550 | 6 | C.F. | 2547 | 10 x Ø29 (M24) | 13885 | A350AA |
| 700-830 | 500HGF | 800 | 800 | 700 | 2363 | 1313 | 1637 | 1050 | 1300 | 750 | 750 | 600 | 5107 | 4450 | 295 | 965 | 1640 | 1550 | 6 | C.F. | 2547 | 10 x Ø29 (M24) | 13989 | A400L |
| 700-830 | 500HGF | 900 | 800 | 700 | 2363 | 1313 | 1637 | 1050 | 1300 | 750 | 750 | 600 | 5107 | 4450 | 295 | 965 | 1640 | 1550 | 6 | C.F. | 2547 | 10 x Ø29 (M24) | 14089 | A400L |
| 700-830 | 560HGF | 1000 | 800 | 700 | 2363 | 1313 | 1637 | 1050 | 1300 | 750 | 750 | 600 | 5239 | 4500 | 350 | 950 | 1640 | 1550 | 6 | C.F. | 2547 | 10 x Ø29 (M24) | 14326 | A440E |
| 700-870 | 500HGF | 800 | 800 | 700 | 2363 | 1313 | 1637 | 1050 | 1300 | 750 | 750 | 600 | 5107 | 4450 | 295 | 965 | 1640 | 1550 | 6 | C.F. | 2547 | 10 x Ø29 (M24) | 13989 | A400L |
| 700-870 | 500HGF | 900 | 800 | 700 | 2363 | 1313 | 1637 | 1050 | 1300 | 750 | 750 | 600 | 5107 | 4450 | 295 | 965 | 1640 | 1550 | 6 | C.F. | 2547 | 10 x Ø29 (M24) | 14089 | A400L |
| 700-870 | 560HGF | 1000 | 800 | 700 | 2363 | 1313 | 1637 | 1050 | 1300 | 750 | 750 | 600 | 5239 | 4500 | 350 | 950 | 1640 | 1550 | 6 | C.F. | 2547 | 10 x Ø29 (M24) | 14326 | A440E |
| 700-870 | 560HGF | 1100 | 800 | 700 | 2363 | 1313 | 1637 | 1050 | 1300 | 750 | 750 | 600 | 5239 | 4500 | 350 | 950 | 1640 | 1550 | 6 | C.F. | 2547 | 10 x Ø29 (M24) | 14326 | A440E |
| 700-945 | 500HGF | 900 | 900 | 700 | 2605 | 1423 | 1837 | 1200 | 1500 | 850 | 850 | 705 | 5349 | 4500 | 350 | 950 | 1900 | 1810 | 6 | C.F. | 2827 | 10 x Ø29 (M24) | 17199 | A480D |
| 700-945 | 560HGF | 1000 | 900 | 700 | 2605 | 1423 | 1837 | 1200 | 1500 | 850 | 850 | 705 | 5481 | 4750 | 335 | 1020 | 1900 | 1810 | 6 | C.F. | 2827 | 10 x Ø29 (M24) | 17399 | A480E |
| 700-945 | 560HGF | 1100 | 900 | 700 | 2605 | 1423 | 1837 | 1200 | 1500 | 850 | 850 | 705 | 5481 | 4750 | 335 | 1020 | 1900 | 1810 | 6 | C.F. | 2827 | 10 x Ø29 (M24) | 17399 | A480E |
| 700-995 | 500HGF | 900 | 900 | 700 | 2605 | 1423 | 1837 | 1200 | 1500 | 850 | 850 | 705 | 5349 | 4500 | 350 | 950 | 1900 | 1810 | 6 | C.F. | 2827 | 10 x Ø29 (M24) | 17199 | A480D |
| 700-995 | 560HGF | 1000 | 900 | 700 | 2605 | 1423 | 1837 | 1200 | 1500 | 850 | 850 | 705 | 5481 | 4750 | 335 | 1020 | 1900 | 1810 | 6 | C.F. | 2827 | 10 x Ø29 (M24) | 17399 | A480E |
| 700-995 | 560HGF | 1100 | 900 | 700 | 2605 | 1423 | 1837 | 1200 | 1500 | 850 | 850 | 705 | 5481 | 4750 | 335 | 1020 | 1900 | 1810 | 6 | C.F. | 2827 | 10 x Ø29 (M24) | 17399 | A480E |

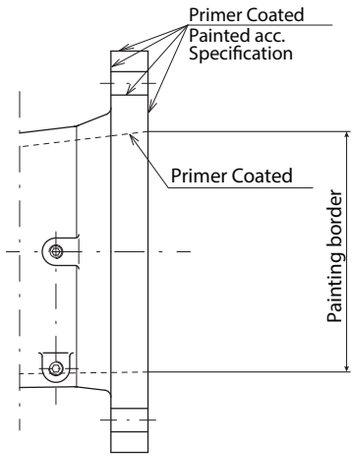
NOTE: Pumps with flanges according to EN1092-2 PN16/PN25 and ASME/ANSI B16.1 and B16.5 #125/#250/#150/#300 as standard. Flat face only
Flange drilling dimensions and additional Pump dimsions are in separate sections.
C.F. please Consult Factory

eXC_8p50_en_b_td

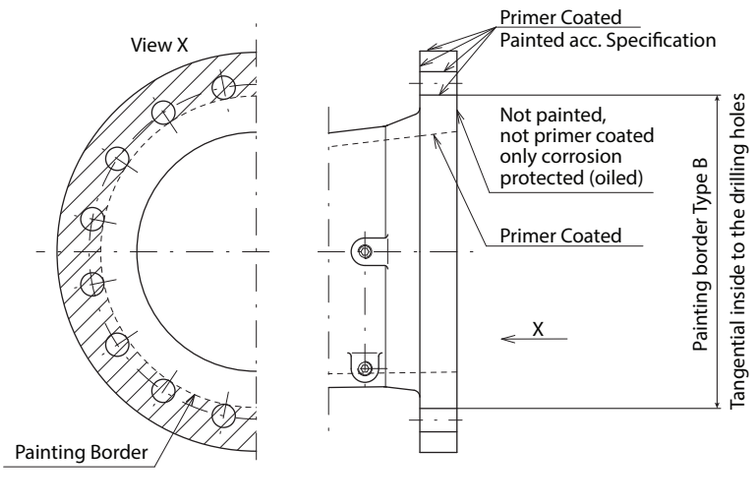
# e-XC SERIES
# FLANGES TYPE AND PAINTING DETAILS

Type A = standard
Type B/C/D = optional

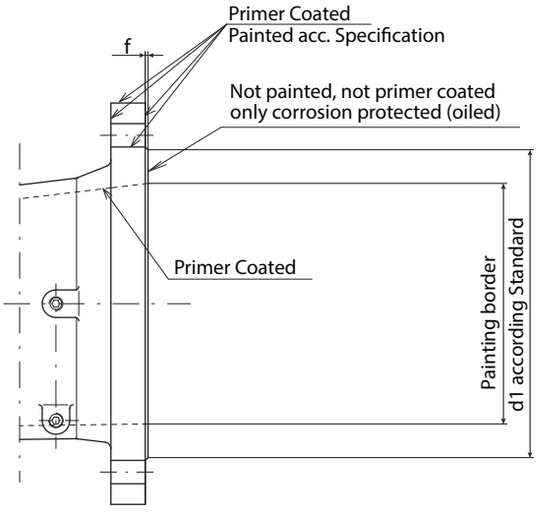
**Type A**
Flat Face Standard



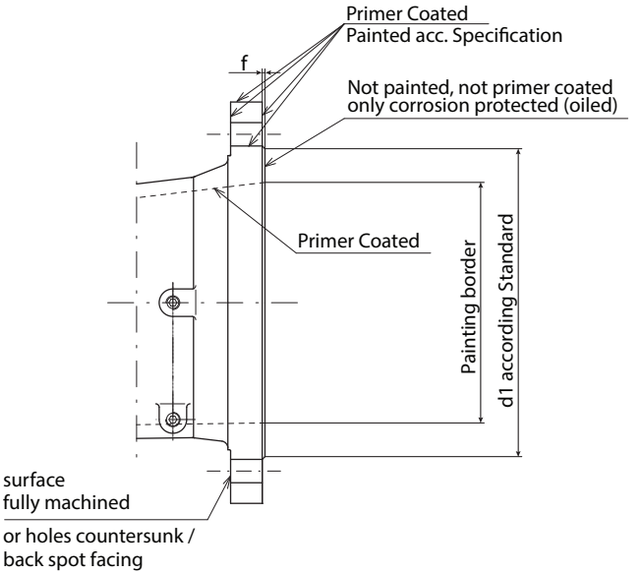

**Type B**
Flat Face, Painted with Mask




**Type C**
Raised Face




**Type D**
Raised Face, back spot facing




EXC-FL-TYPE_EN_B_DD

# e-XC SERIES
# FLANGES DIMENSIONS, TYPE A-B Flat Face - EN1092-2/ISO7005-2

**Flange type A, B**

Flat face only - Holes evenly spaced

EXC-FL-AB-EN_A_DD

## Material: Cast Iron / Ductile Iron

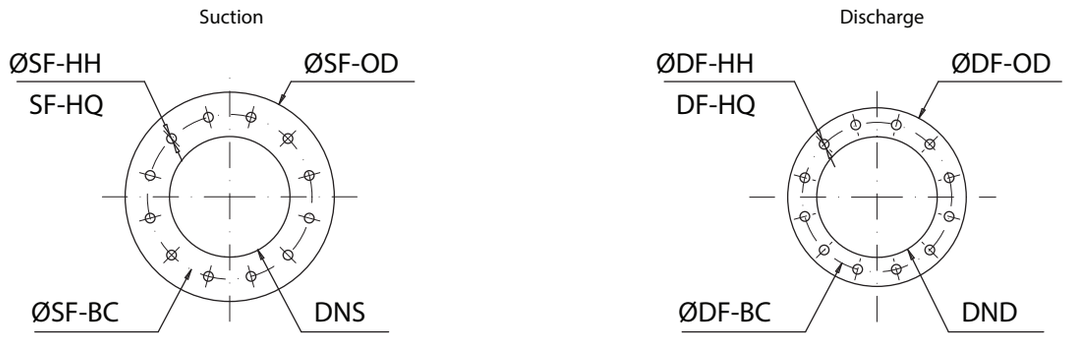
Flange drillings and dimension OD according standard.
Flange thickness varies from Standard.
Flat Face execution, also in Standard EN1092-2.

| DIMENSIONS (mm) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Suction side | | | | | | | | | | | | |
| EN1092-2 / ISO7005-2 | | | | | | | | | | | | |
| | PN16 FF | | | | PN25 FF | | | | PN40 FF | | | |
| DNS | SF-OD | SF-BC | SF-HQ | SF-HH | SF-OD | SF-BC | SF-HQ | SF-HH | SF-OD | SF-BC | SF-HQ | SF-HH |
| 125 | 250 | 210 | 8 | 19 | 270 | 220 | 8 | 28 | 270 | 220 | 8 | 28 |
| 150 | 285 | 240 | 8 | 23 | 300 | 250 | 8 | 28 | 300 | 250 | 8 | 28 |
| 200 | 340 | 295 | 12 | 23 | 360 | 310 | 12 | 28 | 375 | 320 | 12 | 31 |
| 250 | 405 | 355 | 12 | 28 | 425 | 370 | 12 | 31 | 450 | 385 | 12 | 34 |
| 300 | 460 | 410 | 12 | 28 | 485 | 430 | 16 | 31 | 515 | 450 | 16 | 34 |
| 350 | 520 | 470 | 16 | 28 | 555 | 490 | 16 | 34 | 580 | 510 | 16 | 37 |
| 400 | 580 | 525 | 16 | 31 | 620 | 550 | 16 | 37 | 660 | 585 | 16 | 41 |
| 450 | 640 | 585 | 20 | 31 | 670 | 600 | 20 | 37 | 685 | 610 | 20 | 41 |
| 500 | 715 | 650 | 20 | 34 | 730 | 660 | 20 | 37 | 755 | 670 | 20 | 44 |
| 600 | 840 | 770 | 20 | 37 | 845 | 770 | 20 | 41 | 890 | 795 | 20 | 50 |
| 700 | 910 | 840 | 24 | 37 | 960 | 875 | 24 | 44 | N.A. | N.A. | N.A. | N.A. |
| 800 | 1025 | 950 | 24 | 41 | 1085 | 990 | 24 | 50 | N.A. | N.A. | N.A. | N.A. |
| 900 | 1125 | 1050 | 28 | 41 | 1158 | 1090 | 28 | 50 | N.A. | N.A. | N.A. | N.A. |
| Discharge side | | | | | | | | | | | | |
| DND | DF-OD | DF-BC | DF-HQ | DF-HH | DF-OD | DF-BC | DF-HQ | DF-HH | DF-OD | DF-BC | DF-HQ | DF-HH |
| 80 | 200 | 160 | 8 | 19 | 200 | 160 | 8 | 19 | 200 | 160 | 8 | 19 |
| 100 | 220 | 180 | 8 | 19 | 235 | 190 | 8 | 23 | 235 | 190 | 8 | 23 |
| 125 | 250 | 210 | 8 | 19 | 270 | 220 | 8 | 28 | 270 | 220 | 8 | 28 |
| 150 | 285 | 240 | 8 | 23 | 300 | 250 | 8 | 28 | 300 | 250 | 8 | 28 |
| 200 | 340 | 295 | 12 | 23 | 360 | 310 | 12 | 28 | 375 | 320 | 12 | 31 |
| 250 | 405 | 355 | 12 | 28 | 425 | 370 | 12 | 31 | 450 | 385 | 12 | 34 |
| 300 | 460 | 410 | 12 | 28 | 485 | 430 | 16 | 31 | 515 | 450 | 16 | 34 |
| 350 | 520 | 470 | 16 | 28 | 555 | 490 | 16 | 34 | 580 | 510 | 16 | 37 |
| 400 | 580 | 525 | 16 | 31 | 620 | 550 | 16 | 37 | 660 | 585 | 16 | 41 |
| 450 | 640 | 585 | 20 | 31 | 670 | 600 | 20 | 37 | 685 | 610 | 20 | 41 |
| 500 | 715 | 650 | 20 | 34 | 730 | 660 | 20 | 37 | 755 | 670 | 20 | 44 |
| 600 | 840 | 770 | 20 | 37 | 845 | 770 | 20 | 41 | 890 | 795 | 20 | 50 |
| 700 | 910 | 840 | 24 | 37 | 960 | 875 | 24 | 44 | N.A. | N.A. | N.A. | N.A. |
| 800 | 1025 | 950 | 24 | 41 | 1085 | 990 | 24 | 50 | N.A. | N.A. | N.A. | N.A. |

eXC_FL_AB_EN10-en_b_td 1

# e-XC SERIES
# FLANGES DIMENSIONS, TYPE A-B Flat Face - EN1092-1/ISO7005-1

**Flange type A, B**




Flat face only - Holes evenly spaced

EXC-FL-AB-EN_A_DD

## Material: Cast Stainless Steel

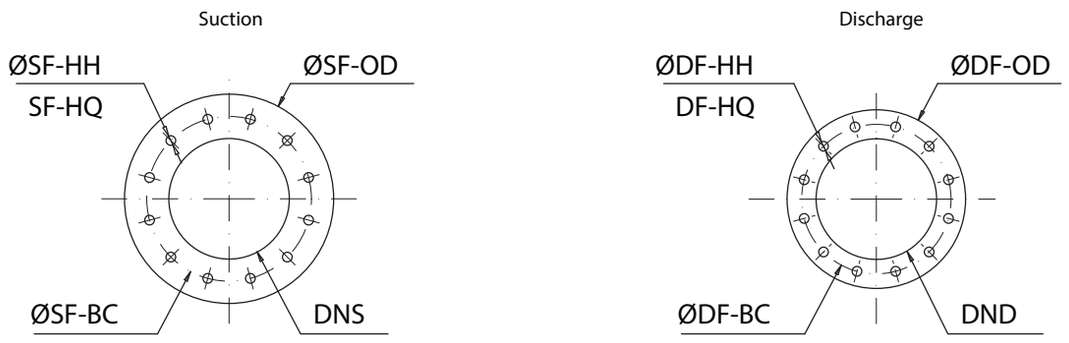
Flange drillings and dimension OD according to standard.
Flange thickness varies from Standard.
Flat Face execution

| DIMENSIONS (mm) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Suction side | | | | | | | | | | | | |
| EN1092-1 / ISO7005-1 | | | | | | | | | | | | |
| | PN16 FF | | | | PN25 FF | | | | PN40 FF | | | |
| DNS | SF-OD | SF-BC | SF-HQ | SF-HH | SF-OD | SF-BC | SF-HQ | SF-HH | SF-OD | SF-BC | SF-HQ | SF-HH |
| 125 | 250 | 210 | 8 | 18 | 270 | 220 | 8 | 26 | 270 | 220 | 8 | 26 |
| 150 | 285 | 240 | 8 | 22 | 300 | 250 | 8 | 26 | 300 | 250 | 8 | 26 |
| 200 | 340 | 295 | 12 | 22 | 360 | 310 | 12 | 26 | 375 | 320 | 12 | 30 |
| 250 | 405 | 355 | 12 | 26 | 425 | 370 | 12 | 30 | 450 | 385 | 12 | 33 |
| 300 | 460 | 410 | 12 | 26 | 485 | 430 | 16 | 30 | 515 | 450 | 16 | 33 |
| 350 | 520 | 470 | 16 | 26 | 555 | 490 | 16 | 33 | 580 | 510 | 16 | 36 |
| 400 | 580 | 525 | 16 | 30 | 620 | 550 | 16 | 36 | 660 | 585 | 16 | 39 |
| 450 | 640 | 585 | 20 | 30 | 670 | 600 | 20 | 36 | 685 | 610 | 20 | 39 |
| 500 | 715 | 650 | 20 | 33 | 730 | 660 | 20 | 36 | 755 | 670 | 20 | 42 |
| 600 | 840 | 770 | 20 | 36 | 845 | 770 | 20 | 39 | 890 | 795 | 20 | 48 |
| 700 | 910 | 840 | 24 | 36 | 960 | 875 | 24 | 42 | N.A. | N.A. | N.A. | N.A. |
| 800 | 1025 | 950 | 24 | 39 | 1085 | 990 | 24 | 48 | N.A. | N.A. | N.A. | N.A. |
| 900 | 1125 | 1050 | 28 | 39 | 1158 | 1090 | 28 | 48 | N.A. | N.A. | N.A. | N.A. |
| Discharge side | | | | | | | | | | | | |
| DND | DF-OD | DF-BC | DF-HQ | DF-HH | DF-OD | DF-BC | DF-HQ | DF-HH | DF-OD | DF-BC | DF-HQ | DF-HH |
| 80 | 200 | 160 | 8 | 18 | 200 | 160 | 8 | 18 | 200 | 160 | 8 | 18 |
| 100 | 220 | 180 | 8 | 18 | 235 | 190 | 8 | 22 | 235 | 190 | 8 | 22 |
| 125 | 250 | 210 | 8 | 18 | 270 | 220 | 8 | 26 | 270 | 220 | 8 | 26 |
| 150 | 285 | 240 | 8 | 22 | 300 | 250 | 8 | 26 | 300 | 250 | 8 | 26 |
| 200 | 340 | 295 | 12 | 22 | 360 | 310 | 12 | 26 | 375 | 320 | 12 | 30 |
| 250 | 405 | 355 | 12 | 26 | 425 | 370 | 12 | 30 | 450 | 385 | 12 | 33 |
| 300 | 460 | 410 | 12 | 26 | 485 | 430 | 16 | 30 | 515 | 450 | 16 | 33 |
| 350 | 520 | 470 | 16 | 26 | 555 | 490 | 16 | 33 | 580 | 510 | 16 | 36 |
| 400 | 580 | 525 | 16 | 30 | 620 | 550 | 16 | 36 | 660 | 585 | 16 | 39 |
| 450 | 640 | 585 | 20 | 30 | 670 | 600 | 20 | 36 | 685 | 610 | 20 | 39 |
| 500 | 715 | 650 | 20 | 33 | 730 | 660 | 20 | 36 | 755 | 670 | 20 | 42 |
| 600 | 840 | 770 | 20 | 36 | 845 | 770 | 20 | 39 | 890 | 795 | 20 | 48 |
| 700 | 910 | 840 | 24 | 36 | 960 | 875 | 24 | 42 | N.A. | N.A. | N.A. | N.A. |
| 800 | 1025 | 950 | 24 | 39 | 1085 | 990 | 24 | 48 | N.A. | N.A. | N.A. | N.A. |

eXC_FL_AB_EN10-en_b_td 2

# e-XC SERIES
# FLANGES DIMENSIONS, TYPE A-B Flat Face - ASME / AWWA

**Flange type A, B**




Flat face only - Holes evenly spaced

EXC-FL-AB-EN_A_DD

## Material: Cast Iron / Ductile Iron / Cast Stainless Steel

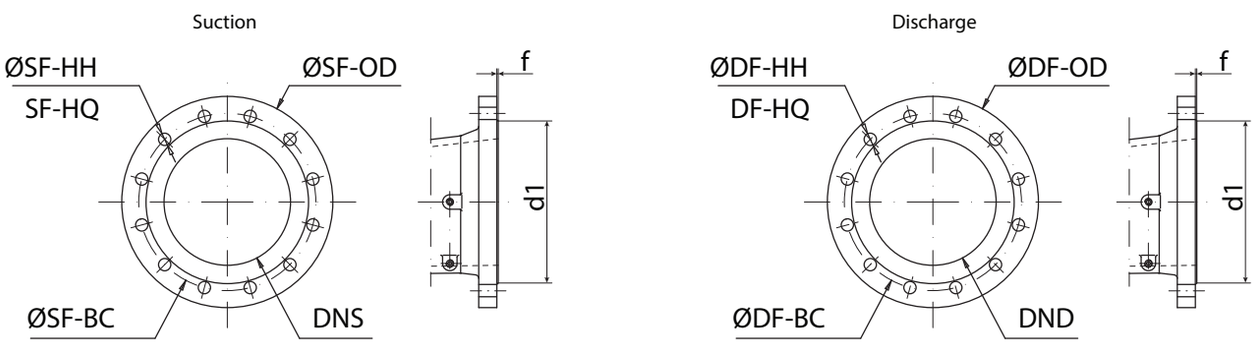
Flange drillings and dimension OD according standard.
Flange thickness varies from Standard.
Flat Face execution.

| DIMENSIONS (mm) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Suction side | | | | | | | | |
| ASME B16.5 / ASME B16.1 / AWWA | | | | | | | | |
| | CL. 150 FF / CL. 125 FF / CL D | | | | CL. 300 FF / CL. 250 FF / CL F | | | |
| DNS | SF-OD | SF-BC | SF-HQ | SF-HH | SF-OD | SF-BC | SF-HQ | SF-HH |
| 5" | 254 | 216 | 8 | 22 | 279 | 235 | 8 | 22 |
| 6" | 279 | 241 | 8 | 22 | 318 | 270 | 12 | 22 |
| 8" | 343 | 298 | 8 | 22 | 381 | 330 | 12 | 25 |
| 10" | 406 | 362 | 12 | 25 | 445 | 387 | 16 | 29 |
| 12" | 483 | 432 | 12 | 25 | 521 | 451 | 16 | 32 |
| 14" | 533 | 476 | 12 | 29 | 584 | 514 | 20 | 32 |
| 16" | 597 | 540 | 16 | 29 | 648 | 572 | 20 | 35 |
| 18" | 635 | 578 | 16 | 32 | 711 | 629 | 24 | 35 |
| 20" | 699 | 635 | 20 | 32 | 775 | 686 | 24 | 35 |
| 24" | 813 | 749 | 20 | 35 | 914 | 813 | 24 | 41 |
| 28" | 927 | 864 | 28 | 35 | 1035 | 940 | 28 | 48 |
| 32" | 1060 | 978 | 28 | 41 | 1149 | 1054 | 28 | 48 |
| 36" | 1168 | 1085 | 32 | 41 | 1270 | 1168 | 32 | 51 |
| Discharge side | | | | | | | | |
| DND | DF-OD | DF-BC | DF-HQ | DF-HH | DF-OD | DF-BC | DF-HQ | DF-HH |
| 3" | 191 | 152 | 4 | 19 | 210 | 168 | 8 | 22 |
| 4" | 229 | 191 | 8 | 19 | 254 | 200 | 8 | 22 |
| 5" | 254 | 216 | 8 | 22 | 279 | 235 | 8 | 22 |
| 6" | 279 | 241 | 8 | 22 | 318 | 270 | 12 | 22 |
| 8" | 343 | 298 | 8 | 22 | 381 | 330 | 12 | 25 |
| 10" | 406 | 362 | 12 | 25 | 445 | 387 | 16 | 29 |
| 12" | 483 | 432 | 12 | 25 | 521 | 451 | 16 | 32 |
| 14" | 533 | 476 | 12 | 29 | 584 | 514 | 20 | 32 |
| 16" | 597 | 540 | 16 | 29 | 648 | 572 | 20 | 35 |
| 18" | 635 | 578 | 16 | 32 | 711 | 629 | 24 | 35 |
| 20" | 699 | 635 | 20 | 32 | 775 | 686 | 24 | 35 |
| 24" | 813 | 749 | 20 | 35 | 914 | 813 | 24 | 41 |
| 28" | 927 | 864 | 28 | 35 | 1035 | 940 | 28 | 48 |
| 32" | 1060 | 978 | 28 | 41 | 1149 | 1054 | 28 | 48 |

eXC_FL_AB_ASME-en_b_td

# e-XC SERIES
# FLANGES DIMENSIONS, TYPE C-D Raised Face EN1092-2/ISO7005-2

**Flange type C, D**




Flat face only - Holes evenly spaced

EXC-FL-CD_EN_A_DD

## Material: Cast Iron / Ductile Iron

Flange drillings and dimension OD according standard.
Flange thickness varies from Standard.
Raised Face execution.

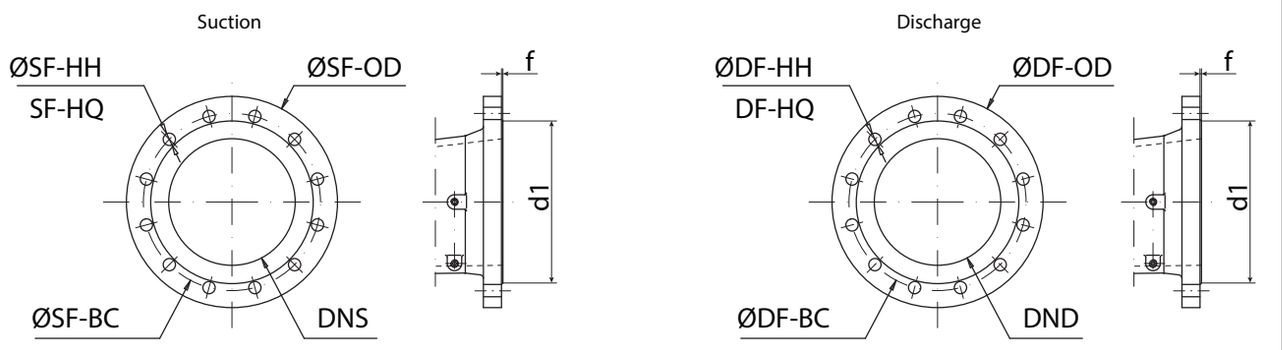
| DIMENSIONS (mm) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Suction side | | | | | | | | | | | | | | | | |
| EN1092-2 / ISO7005-2 | | | | | | | | | | | | | | | | |
| | | PN16 RF | | | | | PN25 RF | | | | | PN40 RF | | | | |
| DNS | f | d1 | SF-OD | SF-BC | SF-HQ | SF-HH | d1 | SF-OD | SF-BC | SF-HQ | SF-HH | d1 | SF-OD | SF-BC | SF-HQ | SF-HH |
| 125 | 3 | 184 | 250 | 210 | 8 | 19 | 184 | 270 | 220 | 8 | 28 | 184 | 270 | 220 | 8 | 28 |
| 150 | | 211 | 285 | 240 | 8 | 23 | 211 | 300 | 250 | 8 | 28 | 211 | 300 | 250 | 8 | 28 |
| 200 | | 266 | 340 | 295 | 12 | 23 | 274 | 360 | 310 | 12 | 28 | 284 | 375 | 320 | 12 | 31 |
| 250 | | 319 | 405 | 355 | 12 | 28 | 330 | 425 | 370 | 12 | 31 | 345 | 450 | 385 | 12 | 34 |
| 300 | 4 | 370 | 460 | 410 | 12 | 28 | 389 | 485 | 430 | 16 | 31 | 409 | 515 | 450 | 16 | 34 |
| 350 | | 429 | 520 | 470 | 16 | 28 | 448 | 555 | 490 | 16 | 34 | 465 | 580 | 510 | 16 | 37 |
| 400 | | 480 | 580 | 525 | 16 | 31 | 503 | 620 | 550 | 16 | 37 | 535 | 660 | 585 | 16 | 41 |
| 450 | | 548 | 640 | 585 | 20 | 31 | 548 | 670 | 600 | 20 | 37 | 560 | 685 | 610 | 20 | 41 |
| 500 | | 609 | 715 | 650 | 20 | 34 | 609 | 730 | 660 | 20 | 37 | 615 | 755 | 670 | 20 | 44 |
| 600 | 5 | 720 | 840 | 770 | 20 | 37 | 720 | 845 | 770 | 20 | 41 | 735 | 890 | 795 | 20 | 50 |
| 700 | | 794 | 910 | 840 | 24 | 37 | 820 | 960 | 875 | 24 | 44 | 840[a)] | N.A. | N.A. | N.A. | N.A. |
| 800 | | 901 | 1025 | 950 | 24 | 41 | 928 | 1085 | 990 | 24 | 50 | 960[a)] | N.A. | N.A. | N.A. | N.A. |
| 900 | | 1001 | 1125 | 1050 | 28 | 41 | 1028 | 1158 | 1090 | 28 | 50 | 1070[a)] | N.A. | N.A. | N.A. | N.A. |
| Discharge side | | | | | | | | | | | | | | | | |
| EN1092-2 / ISO7005-2 | | | | | | | | | | | | | | | | |
| | | PN16 RF | | | | | PN25 RF | | | | | PN40 RF | | | | |
| DND | f | d1 | DF-OD | DF-BC | DF-HQ | DF-HH | d1 | DF-OD | DF-BC | DF-HQ | DF-HH | d1 | DF-OD | DF-BC | DF-HQ | DF-HH |
| 80 | 3 | 132 | 200 | 160 | 8 | 19 | 132 | 200 | 160 | 8 | 19 | 132 | 200 | 160 | 8 | 19 |
| 100 | | 156 | 220 | 180 | 8 | 19 | 156 | 235 | 190 | 8 | 23 | 156 | 235 | 190 | 8 | 23 |
| 125 | | 184 | 250 | 210 | 8 | 19 | 184 | 270 | 220 | 8 | 28 | 184 | 270 | 220 | 8 | 28 |
| 150 | | 211 | 285 | 240 | 8 | 23 | 211 | 300 | 250 | 8 | 28 | 211 | 300 | 250 | 8 | 28 |
| 200 | | 266 | 340 | 295 | 12 | 23 | 274 | 360 | 310 | 12 | 28 | 284 | 375 | 320 | 12 | 31 |
| 250 | | 319 | 405 | 355 | 12 | 28 | 330 | 425 | 370 | 12 | 31 | 345 | 450 | 385 | 12 | 34 |
| 300 | 4 | 370 | 460 | 410 | 12 | 28 | 389 | 485 | 430 | 16 | 31 | 409 | 515 | 450 | 16 | 34 |
| 350 | | 429 | 520 | 470 | 16 | 28 | 448 | 555 | 490 | 16 | 34 | 465 | 580 | 510 | 16 | 37 |
| 400 | | 480 | 580 | 525 | 16 | 31 | 503 | 620 | 550 | 16 | 37 | 535 | 660 | 585 | 16 | 41 |
| 450 | | 548 | 640 | 585 | 20 | 31 | 548 | 670 | 600 | 20 | 37 | 560 | 685 | 610 | 20 | 41 |
| 500 | | 609 | 715 | 650 | 20 | 34 | 609 | 730 | 660 | 20 | 37 | 615 | 755 | 670 | 20 | 44 |
| 600 | 5 | 720 | 840 | 770 | 20 | 37 | 720 | 845 | 770 | 20 | 41 | 735 | 890 | 795 | 20 | 50 |
| 700 | | 794 | 910 | 840 | 24 | 37 | 820 | 960 | 875 | 24 | 44 | 840[a)] | N.A. | N.A. | N.A. | N.A. |
| 800 | | 901 | 1025 | 950 | 24 | 41 | 928 | 1085 | 990 | 24 | 50 | 960[a)] | N.A. | N.A. | N.A. | N.A. |

a) only EN1092-1

eXC_FL_CD_EN10-en_b_Id 1

# e-XC SERIES
# FLANGES DIMENSIONS, TYPE C-D Raised Face - EN1092-1/ISO7005-1

**Flange type C, D**




Flat face only - Holes evenly spaced

EXC-FL-CD_EN_A_DD

## Material: Cast Stainless Steel

Flange drillings and dimension OD according standard.
Flange thickness varies from Standard.
Raised Face execution.

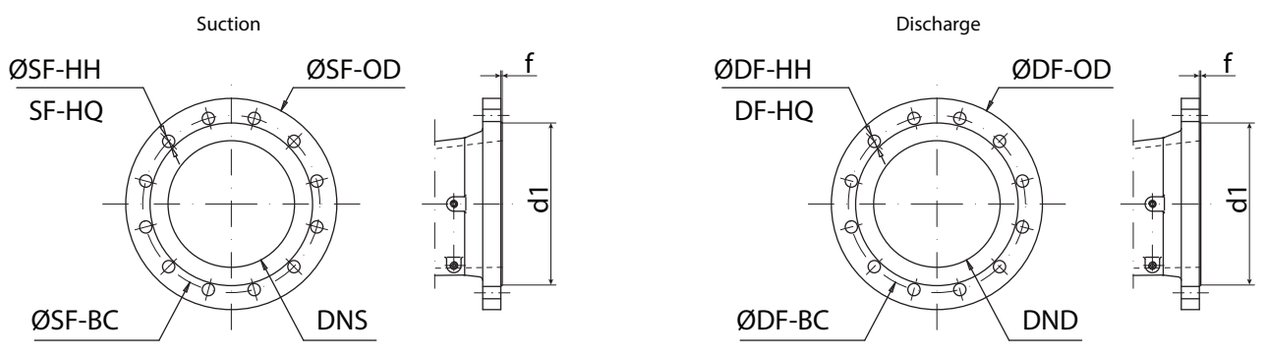
| DIMENSIONS (mm) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Suction side | | | | | | | | | | | | | | | | |
| EN1092-1 / ISO7005-1 | | | | | | | | | | | | | | | | |
| | | PN16 RF | | | | | PN25 RF | | | | | PN40 RF | | | | |
| DNS | f | d1 | SF-OD | SF-BC | SF-HQ | SF-HH | d1 | SF-OD | SF-BC | SF-HQ | SF-HH | d1 | SF-OD | SF-BC | SF-HQ | SF-HH |
| 125 | 3 | 184 | 250 | 210 | 8 | 18 | 184 | 270 | 220 | 8 | 26 | 184 | 270 | 220 | 8 | 26 |
| 150 | | 211 | 285 | 240 | 8 | 22 | 211 | 300 | 250 | 8 | 26 | 211 | 300 | 250 | 8 | 26 |
| 200 | | 266 | 340 | 295 | 12 | 22 | 274 | 360 | 310 | 12 | 26 | 284 | 375 | 320 | 12 | 30 |
| 250 | | 319 | 405 | 355 | 12 | 26 | 330 | 425 | 370 | 12 | 30 | 345 | 450 | 385 | 12 | 33 |
| 300 | 4 | 370 | 460 | 410 | 12 | 26 | 389 | 485 | 430 | 16 | 30 | 409 | 515 | 450 | 16 | 33 |
| 350 | | 429 | 520 | 470 | 16 | 26 | 448 | 555 | 490 | 16 | 33 | 465 | 580 | 510 | 16 | 36 |
| 400 | | 480 | 580 | 525 | 16 | 30 | 503 | 620 | 550 | 16 | 36 | 535 | 660 | 585 | 16 | 39 |
| 450 | | 548 | 640 | 585 | 20 | 30 | 548 | 670 | 600 | 20 | 36 | 560 | 685 | 610 | 20 | 39 |
| 500 | | 609 | 715 | 650 | 20 | 33 | 609 | 730 | 660 | 20 | 36 | 615 | 755 | 670 | 20 | 42 |
| 600 | 5 | 720 | 840 | 770 | 20 | 36 | 720 | 845 | 770 | 20 | 39 | 735 | 890 | 795 | 20 | 48 |
| 700 | | 794 | 910 | 840 | 24 | 36 | 820 | 960 | 875 | 24 | 42 | 840[a)] | N.A. | N.A. | N.A. | N.A. |
| 800 | | 901 | 1025 | 950 | 24 | 39 | 928 | 1085 | 990 | 24 | 48 | 960[a)] | N.A. | N.A. | N.A. | N.A. |
| 900 | | 1001 | 1125 | 1050 | 28 | 39 | 1028 | 1158 | 1090 | 28 | 48 | 1070[a)] | N.A. | N.A. | N.A. | N.A. |
| Discharge side | | | | | | | | | | | | | | | | |
| EN1092-1 / ISO7005-1 | | | | | | | | | | | | | | | | |
| | | PN16 RF | | | | | PN25 RF | | | | | PN40 RF | | | | |
| DND | f | d1 | DF-OD | DF-BC | DF-HQ | DF-HH | d1 | DF-OD | DF-BC | DF-HQ | DF-HH | d1 | DF-OD | DF-BC | DF-HQ | DF-HH |
| 80 | 3 | 132 | 200 | 160 | 8 | 18 | 132 | 200 | 160 | 8 | 18 | 132 | 200 | 160 | 8 | 18 |
| 100 | | 156 | 220 | 180 | 8 | 18 | 156 | 235 | 190 | 8 | 22 | 156 | 235 | 190 | 8 | 22 |
| 125 | | 184 | 250 | 210 | 8 | 18 | 184 | 270 | 220 | 8 | 26 | 184 | 270 | 220 | 8 | 26 |
| 150 | | 211 | 285 | 240 | 8 | 22 | 211 | 300 | 250 | 8 | 26 | 211 | 300 | 250 | 8 | 26 |
| 200 | | 266 | 340 | 295 | 12 | 22 | 274 | 360 | 310 | 12 | 26 | 284 | 375 | 320 | 12 | 30 |
| 250 | | 319 | 405 | 355 | 12 | 26 | 330 | 425 | 370 | 12 | 30 | 345 | 450 | 385 | 12 | 33 |
| 300 | 4 | 370 | 460 | 410 | 12 | 26 | 389 | 485 | 430 | 16 | 30 | 409 | 515 | 450 | 16 | 33 |
| 350 | | 429 | 520 | 470 | 16 | 26 | 448 | 555 | 490 | 16 | 33 | 465 | 580 | 510 | 16 | 36 |
| 400 | | 480 | 580 | 525 | 16 | 30 | 503 | 620 | 550 | 16 | 36 | 535 | 660 | 585 | 16 | 39 |
| 450 | | 548 | 640 | 585 | 20 | 30 | 548 | 670 | 600 | 20 | 36 | 560 | 685 | 610 | 20 | 39 |
| 500 | | 609 | 715 | 650 | 20 | 33 | 609 | 730 | 660 | 20 | 36 | 615 | 755 | 670 | 20 | 42 |
| 600 | 5 | 720 | 840 | 770 | 20 | 36 | 720 | 845 | 770 | 20 | 39 | 735 | 890 | 795 | 20 | 48 |
| 700 | | 794 | 910 | 840 | 24 | 36 | 820 | 960 | 875 | 24 | 42 | 840[a)] | N.A. | N.A. | N.A. | N.A. |
| 800 | | 901 | 1025 | 950 | 24 | 39 | 928 | 1085 | 990 | 24 | 48 | 960[a)] | N.A. | N.A. | N.A. | N.A. |

a) only EN1092-1

eXC_FL_CD_EN10-en_b_td 2

# e-XC SERIES
# FLANGES DIMENSIONS, TYPE C-D Raised Face - ASME/AWWA

**Flange type C, D**




Flat face only - Holes evenly spaced

EXC-FL-CD_EN_A_DD

## Material: Cast Iron / Ductile Iron / Cast Stainless Steel

Flange drillings and dimension OD according standard.
Flange thickness varies from Standard.
Raised Face execution.

| DIMENSIONS (mm) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Suction side | | | | | | | | | | | |
| ASME B16.5 / ASME B16.1 / AWWA | | | | | | | | | | | |
| | | CL. 150 RF / CL. 125 RF / CL D | | | | | CL. 300 RF / CL. 250 RF / CL F | | | | |
| DNS | f | d1 | SF-OD | SF-BC | SF-HQ | SF-HH | d1 | SF-OD | SF-BC | SF-HQ | SF-HH |
| 5" | 2 | 185,7 | 254 | 216 | 8 | 22 | 185,7 | 279 | 235 | 8 | 22 |
| 6" | | 215,9 | 279 | 241 | 8 | 22 | 215,9 | 318 | 270 | 12 | 22 |
| 8" | | 269,9 | 343 | 298 | 8 | 22 | 269,9 | 381 | 330 | 12 | 25 |
| 10" | | 323,8 | 406 | 362 | 12 | 25 | 323,8 | 445 | 387 | 16 | 29 |
| 12" | | 381 | 483 | 432 | 12 | 25 | 381 | 521 | 451 | 16 | 32 |
| 14" | | 412,8 | 533 | 476 | 12 | 29 | 412,8 | 584 | 514 | 20 | 32 |
| 16" | | 469,9 | 597 | 540 | 16 | 29 | 469,9 | 648 | 572 | 20 | 35 |
| 18" | | 533,4 | 635 | 578 | 16 | 32 | 533,4 | 711 | 629 | 24 | 35 |
| 20" | | 584,2 | 699 | 635 | 20 | 32 | 584,2 | 775 | 686 | 24 | 35 |
| 24" | | 692,2 | 813 | 749 | 20 | 35 | 692,2 | 914 | 813 | 24 | 41 |
| 28" | | b) | 927 | 864 | 28 | 35 | b) | 1035 | 940 | 28 | 48 |
| 32" | | b) | 1060 | 978 | 28 | 41 | b) | 1149 | 1054 | 28 | 48 |
| 36" | | b) | 1168 | 1085 | 32 | 41 | b) | 1270 | 1168 | 32 | 51 |
| Discharge side | | | | | | | | | | | |
| ASME B16.5 / ASME B16.1 / AWWA | | | | | | | | | | | |
| | | CL. 150 RF / CL. 125 RF / CL D | | | | | CL. 300 RF / CL. 250 RF / CL F | | | | |
| DND | f | d1 | DF-OD | DF-BC | DF-HQ | DF-HH | d1 | DF-OD | DF-BC | DF-HQ | DF-HH |
| 3" | 2 | 127 | 191 | 152 | 4 | 19 | 127 | 210 | 168 | 8 | 22 |
| 4" | | 157,2 | 229 | 191 | 8 | 19 | 157,2 | 254 | 200 | 8 | 22 |
| 5" | | 185,7 | 254 | 216 | 8 | 22 | 185,7 | 279 | 235 | 8 | 22 |
| 6" | | 215,9 | 279 | 241 | 8 | 22 | 215,9 | 318 | 270 | 12 | 22 |
| 8" | | 269,9 | 343 | 298 | 8 | 22 | 269,9 | 381 | 330 | 12 | 25 |
| 10" | | 323,8 | 406 | 362 | 12 | 25 | 323,8 | 445 | 387 | 16 | 29 |
| 12" | | 381 | 483 | 432 | 12 | 25 | 381 | 521 | 451 | 16 | 32 |
| 14" | | 412,8 | 533 | 476 | 12 | 29 | 412,8 | 584 | 514 | 20 | 32 |
| 16" | | 469,9 | 597 | 540 | 16 | 29 | 469,9 | 648 | 572 | 20 | 35 |
| 18" | | 533,4 | 635 | 578 | 16 | 32 | 533,4 | 711 | 629 | 24 | 35 |
| 20" | | 584,2 | 699 | 635 | 20 | 32 | 584,2 | 775 | 686 | 24 | 35 |
| 24" | | 692,2 | 813 | 749 | 20 | 35 | 692,2 | 914 | 813 | 24 | 41 |
| 28" | | b) | 927 | 864 | 28 | 35 | b) | 1035 | 940 | 28 | 48 |
| 32" | | b) | 1060 | 978 | 28 | 41 | b) | 1149 | 1054 | 28 | 48 |

b) only Flat Face (ASME B16.1)

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# e-XC SERIES
# FLANGES THICKNESS

| e-XC Model | Flange Type A, B, C | | Flange Type D | |
|---|---|---|---|---|
| | Suction (mm) | Discharge (mm) | Suction (mm) | Discharge (mm) |
| 80-215 | 34,9 | 28,6 | 31,9 | 25,6 |
| 80-205 | 34,9 | 28,6 | 31,9 | 25,6 |
| 80-285 | 34,9 | 28,6 | 31,9 | 25,6 |
| 80-270 | 34,9 | 28,6 | 31,9 | 25,6 |
| 80-315 | 31,8 | 28,6 | 28,8 | 25,6 |
| 80-300 | | 28,6 | 28,8 | 25,6 |
| 80-345 | 34,9 | 28,6 | 31,9 | 25,6 |
| 80-330 | 34,9 | 28,6 | 31,9 | 25,6 |
| 100-165 | 34,9 | 28,6 | 31,9 | 25,6 |
| 100-155 | 34,9 | 28,6 | 31,9 | 25,6 |
| 100-260 | 36,5 | 31,8 | 33,5 | 28,8 |
| 100-250 | 36,5 | 31,8 | 33,5 | 28,8 |
| 100-325 | 36,5 | 31,8 | 33,5 | 28,8 |
| 100-310 | 36,5 | 31,8 | 33,5 | 28,8 |
| 100-365 | 36,5 | 31,8 | 33,5 | 28,8 |
| 100-350 | 36,5 | 31,8 | 33,5 | 28,8 |
| 100-410 | 36,5 | 31,8 | 33,5 | 28,8 |
| 100-390 | 36,5 | 31,8 | 33,5 | 28,8 |
| 125-195 | 36,5 | 31,8 | 33,5 | 28,8 |
| 125-185 | 36,5 | 31,8 | 33,5 | 28,8 |
| 125-225 | 36,5 | 34,9 | 33,5 | 31,9 |
| 125-215 | 36,5 | 34,9 | 33,5 | 31,9 |
| 125-245 | 41,0 | 34,9 | 38,0 | 31,9 |
| 125-235 | 41,0 | 34,9 | 38,0 | 31,9 |
| 125-300 | 41,3 | 34,9 | 38,3 | 31,9 |
| 125-285 | 41,3 | 34,9 | 38,3 | 31,9 |
| 125-355 | 41,3 | 34,9 | 38,3 | 31,9 |
| 125-335 | 41,3 | 34,9 | 38,3 | 31,9 |
| 125-390 | 41,3 | 34,9 | 38,3 | 31,9 |
| 125-370 | 41,3 | 34,9 | 38,3 | 31,9 |
| 125-475 | 41,0 | 34,9 | 38,0 | 31,9 |
| 125-450 | 41,0 | 34,9 | 38,0 | 31,9 |
| 150-170 | 41,3 | 36,5 | 38,3 | 33,5 |
| 150-160 | 41,3 | 36,5 | 38,3 | 33,5 |
| 150-280 | 48,0 | 37,0 | 45,0 | 34,0 |
| 150-265 | 48,0 | 37,0 | 45,0 | 34,0 |

| e-XC Model | Flange Type A, B, C | | Flange Type D | |
|---|---|---|---|---|
| | Suction (mm) | Discharge (mm) | Suction (mm) | Discharge (mm) |
| 150-300 | 41,3 | 36,5 | 38,3 | 33,5 |
| 150-285 | 41,3 | 36,5 | 38,3 | 33,5 |
| 150-355 | 41,3 | 36,5 | 38,3 | 33,5 |
| 150-340 | 41,3 | 36,5 | 38,3 | 33,5 |
| 150-455 | 41,3 | 36,5 | 38,3 | 33,5 |
| 150-435 | 41,3 | 36,5 | 38,3 | 33,5 |
| 150-560 | 41,0 | 36,5 | 38,0 | 33,5 |
| 150-535 | 41,0 | 36,5 | 38,0 | 33,5 |
| 200-200 | 41,3 | 41,3 | 38,3 | 38,3 |
| 200-190 | 41,3 | 41,3 | 38,3 | 38,3 |
| 200-250 | 47,6 | 41,3 | 44,6 | 38,3 |
| 200-235 | 47,6 | 41,3 | 44,6 | 38,3 |
| 200-345 | 48,0 | 41,0 | 45,0 | 38,0 |
| 200-330 | 48,0 | 41,0 | 45,0 | 38,0 |
| 200-425 | 48,0 | 41,0 | 45,0 | 38,0 |
| 200-405 | 48,0 | 41,0 | 45,0 | 38,0 |
| 200-530 | 47,6 | 41,3 | 44,6 | 38,8 |
| 200-505 | 47,6 | 41,3 | 44,6 | 38,8 |
| 200-655 | 48,0 | 41,0 | 45,0 | 38,0 |
| 200-625 | 48,0 | 41,0 | 45,0 | 38,0 |
| 250-200 | 48,0 | 48,0 | 45,0 | 45,0 |
| 250-190 | 48,0 | 48,0 | 45,0 | 45,0 |
| 250-390 | 51,0 | 48,0 | 47,0 | 45,0 |
| 250-370 | 51,0 | 48,0 | 47,0 | 45,0 |
| 250-480 | 51,0 | 48,0 | 47,0 | 45,0 |
| 250-455 | 51,0 | 48,0 | 47,0 | 45,0 |
| 250-610 | 50,8 | 47,6 | 46,8 | 44,6 |
| 250-580 | 50,8 | 47,6 | 46,8 | 44,6 |
| 250-770 | 50,8 | 47,6 | 46,8 | 44,6 |
| 250-730 | 50,8 | 47,6 | 46,8 | 44,6 |
| 300-225 | 50,8 | 50,8 | 46,8 | 46,8 |
| 300-215 | 50,8 | 50,8 | 46,8 | 46,8 |
| 300-255 | 50,8 | 50,8 | 46,8 | 46,8 |
| 300-245 | 50,8 | 50,8 | 46,8 | 46,8 |
| 300-330 | 54,0 | 51,0 | 50,0 | 47,0 |
| 300-315 | 54,0 | 51,0 | 50,0 | 47,0 |

eXC_FL_thick-en_b_td 1

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# e-XC SERIES
# FLANGES THICKNESS

| e-XC Model | Flange Type A, B, C | | Flange Type D | |
|---|---|---|---|---|
| | Suction (mm) | Discharge (mm) | Suction (mm) | Discharge (mm) |
| 300-450 | 57,2 | 50,8 | 53,2 | 46,8 |
| 300-430 | 57,2 | 50,8 | 53,2 | 46,8 |
| 300-550 | 57,0 | 51,0 | 53,0 | 47,0 |
| 300-525 | 57,0 | 51,0 | 53,0 | 47,0 |
| 300-705 | 57,2 | 50,8 | 53,2 | 46,8 |
| 300-680 | 57,2 | 50,8 | 53,2 | 46,8 |
| 350-300 | 54,0 | 54,0 | 50,0 | 50,0 |
| 350-285 | 54,0 | 54,0 | 50,0 | 50,0 |
| 350-385 | 57,0 | 54,0 | 53,0 | 50,0 |
| 350-365 | 57,0 | 54,0 | 53,0 | 50,0 |
| 350-450 | 60,0 | 54,0 | 56,0 | 50,0 |
| 350-430 | 60,0 | 54,0 | 56,0 | 50,0 |
| 350-530 | 60,0 | 54,0 | 56,0 | 50,0 |
| 350-505 | 60,0 | 54,0 | 56,0 | 50,0 |
| 350-685 | 42,9 | 36,0 | 38,9 | 32,0 |
| 350-650 | 42,9 | 36,0 | 38,9 | 32,0 |
| 350-690 | 57,2 | 54,0 | 53,2 | 50,0 |
| 350-655 | 57,2 | 54,0 | 53,2 | 50,0 |
| 350-780 | 57,2 | 54,0 | 53,2 | 50,0 |
| 350-745 | 57,2 | 54,0 | 53,2 | 50,0 |
| 350-845 | 63,5 | 54,0 | 59,5 | 50,0 |
| 350-805 | 63,5 | 54,0 | 59,5 | 50,0 |
| 400-340 | 57,2 | 57,2 | 53,2 | 53,2 |
| 400-325 | 57,2 | 57,2 | 53,2 | 53,2 |
| 400-525 | 63,6 | 57,2 | 59,6 | 53,2 |
| 400-500 | 63,6 | 57,2 | 59,6 | 53,2 |
| 400-535 | 42,9 | 38,0 | 38,9 | 34,0 |
| 400-510 | 42,9 | 38,0 | 38,9 | 34,0 |
| 400-580 | 63,5 | 57,2 | 59,5 | 53,2 |
| 400-550 | 63,5 | 57,2 | 59,5 | 53,2 |
| 400-800 | 69,9 | 57,2 | 64,9 | 53,2 |
| 400-760 | 69,9 | 57,2 | 64,9 | 53,2 |
| 400-970 | 69,9 | 57,2 | 64,9 | 53,2 |
| 400-925 | 69,9 | 57,2 | 64,9 | 53,2 |
| 450-390 | 64,0 | 60,0 | 60,0 | 56,0 |
| 450-370 | 64,0 | 60,0 | 60,0 | 56,0 |

| e-XC Model | Flange Type A, B, C | | Flange Type D | |
|---|---|---|---|---|
| | Suction (mm) | Discharge (mm) | Suction (mm) | Discharge (mm) |
| 500-450 | 69,9 | 63,5 | 64,9 | 59,5 |
| 500-430 | 69,9 | 63,5 | 64,9 | 59,5 |
| 500-525 | 48,0 | 42,9 | 43,0 | 38,9 |
| 500-500 | 48,0 | 42,9 | 43,0 | 38,9 |
| 500-625 | 48,0 | 42,9 | 43,0 | 38,9 |
| 500-605 | 48,0 | 42,9 | 43,0 | 38,9 |
| 500-715 | 79,5 | 63,5 | 74,5 | 59,5 |
| 500-690 | 79,5 | 63,5 | 74,5 | 59,5 |
| 500-920 | 79,5 | 63,5 | 74,5 | 59,5 |
| 500-875 | 79,5 | 63,5 | 74,5 | 59,5 |
| 600-575 | 54,0 | 48,0 | 49,0 | 43,0 |
| 600-540 | 54,0 | 48,0 | 49,0 | 43,0 |
| 600-610 | 54,0 | 48,0 | 49,0 | 43,0 |
| 600-580 | 54,0 | 48,0 | 49,0 | 43,0 |
| 600-810 | 82,6 | 69,9 | 77,6 | 64,9 |
| 600-770 | 82,6 | 69,9 | 77,6 | 64,9 |
| 600-1000 | 82,6 | 69,9 | 77,6 | 64,9 |
| 600-950 | 82,6 | 69,9 | 77,6 | 64,9 |
| 600-1115 | 82,6 | 69,9 | 77,6 | 64,9 |
| 600-1060 | 82,6 | 69,9 | 77,6 | 64,9 |
| 700-535 | 54,0 | 54,0 | 49,0 | 49,0 |
| 700-505 | 54,0 | 54,0 | 49,0 | 49,0 |
| 700-615 | 58,0 | 54,0 | 53,0 | 49,0 |
| 700-585 | 58,0 | 54,0 | 53,0 | 49,0 |
| 700-670 | 58,0 | 54,0 | 53,0 | 49,0 |
| 700-635 | 58,0 | 54,0 | 53,0 | 49,0 |
| 700-775 | 58,0 | 54,0 | 53,0 | 49,0 |
| 700-735 | 58,0 | 54,0 | 53,0 | 49,0 |
| 700-870 | 58,0 | 54,0 | 53,0 | 49,0 |
| 700-830 | 58,0 | 54,0 | 53,0 | 49,0 |
| 700-995 | 79,4 | 69,9 | 74,4 | 64,9 |
| 700-945 | 79,4 | 69,9 | 74,4 | 64,9 |
| 800-590 | 58,0 | 58,0 | 53,0 | 53,0 |
| 800-560 | 58,0 | 58,0 | 53,0 | 53,0 |

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# e-XC SERIES
# FLANGES PRESSURE - Cast Iron / Ductile Iron

| e-XC Industrial Pump SIZE | | FLANGE SIZE | | MAX WORK. PRESSURE [Mpa] | CAST IRON / DUCTILE IRON Flange Rating | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | CI | | | | | DI | | | | | |
| 50 Hz | | Suc | Disc | 50Hz | PN10 | PN16 | PN25 | Cl 150 | Cl 300 | PN10 | PN16 | PN25 | PN40 | Cl 150 | Cl 300 |
| 80-215 | 80-205 | 125 | 80 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | n/a | √ | n/a | n/a | √ |
| 80-285 | 80-270 | 125 | 80 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | n/a | √ | n/a | n/a | √ |
| 80-315 | 80-300 | 125 | 80 | 2,8 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | √ | n/a | n/a | √ |
| 80-345 | 80-330 | 125 | 80 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | n/a | √ | n/a | n/a | √ |
| 100-165 | 100-155 | 125 | 100 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | C | √ | n/a | C | √ |
| 100-260 | 100-250 | 150 | 100 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | n/a | √ | n/a | n/a | √ |
| 100-325 | 100-310 | 150 | 100 | 3,1 | n/a | √ | n/a | √ | n/a | n/a | n/a | n/a | √ | n/a | √ |
| 100-365 | 100-350 | 150 | 100 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | C | √ | n/a | C | √ |
| 100-410 | 100-390 | 150 | 100 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | n/a | √ | n/a | n/a | √ |
| 125-195 | 125-185 | 150 | 125 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | C | √ | n/a | C | √ |
| 125-225 | 125-215 | 150 | 125 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | n/a | √ | n/a | n/a | √ |
| 125-245 | 125-235 | 200 | 125 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | n/a | √ | n/a | n/a | √ |
| 125-300 | 125-285 | 200 | 125 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | n/a | √ | n/a | n/a | √ |
| 125-355 | 125-335 | 200 | 125 | 3,1 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | √ | n/a | √ |
| 125-390 | 125-370 | 200 | 125 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | n/a | √ | n/a | n/a | √ |
| 125-475 | 125-450 | 200 | 125 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | n/a | √ | n/a | n/a | √ |
| 150-170 | 150-160 | 200 | 150 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | n/a | √ | n/a | n/a | √ |
| 150-300 | 150-285 | 200 | 150 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | n/a | √ | n/a | n/a | √ |
| 150-355 | 150-340 | 200 | 150 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | n/a | √ | n/a | n/a | √ |
| 150-455 | 150-435 | 200 | 150 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | n/a | √ | n/a | n/a | √ |
| 150-560 | 150-535 | 200 | 150 | 2,8 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | √ | n/a | n/a | √ |
| 150-280 | 150-265 | 250 | 150 | 2,8 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | √ | n/a | n/a | √ |
| 200-200 | 200-190 | 200 | 200 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | n/a | √ | n/a | n/a | √ |
| 200-250 | 200-235 | 250 | 200 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | n/a | √ | n/a | n/a | √ |
| 200-345 | 200-330 | 250 | 200 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | n/a | √ | n/a | n/a | √ |
| 200-425 | 200-405 | 250 | 200 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | n/a | √ | n/a | n/a | √ |
| 200-530 | 200-505 | 250 | 200 | 2,8 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | √ | n/a | n/a | √ |
| 200-655 | 200-625 | 250 | 200 | 3,1 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | √ | n/a | √ |
| 250-200 | 250-190 | 250 | 250 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | n/a | √ | n/a | n/a | √ |
| 250-390 | 250-370 | 300 | 250 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | n/a | √ | n/a | n/a | √ |
| 250-480 | 250-455 | 300 | 250 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | n/a | √ | n/a | n/a | √ |
| 250-610 | 250-580 | 300 | 250 | 2,8 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | √ | n/a | n/a | √ |
| 250-770 | 250-730 | 300 | 250 | 2,8 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | √ | n/a | n/a | √ |

√ = standard, C = customized, n/a = not applicable

eXC_FL_pres_CI-en_b_td 1

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# e-XC SERIES
# FLANGES PRESSURE - Cast Iron / Ductile Iron

| e-XC Industrial Pump SIZE | | FLANGE SIZE | | MAX WORK. PRESSURE [Mpa] | CAST IRON / DUCTILE IRON Flange Rating | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | CI | | | | | DI | | | | | |
| 50 Hz | | Suc | Disc | 50Hz | PN10 | PN16 | PN25 | Cl 150 | Cl 300 | PN10 | PN16 | PN25 | PN40 | Cl 150 | Cl 300 |
| 300-225 | 300-215 | 300 | 300 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | n/a | √ | n/a | n/a | √ |
| 300-255 | 300-245 | 300 | 300 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | n/a | √ | n/a | n/a | √ |
| 300-330 | 300-315 | 350 | 300 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | n/a | √ | n/a | n/a | √ |
| 300-450 | 300-430 | 400 | 300 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | n/a | √ | n/a | n/a | √ |
| 300-550 | 300-525 | 400 | 300 | 2,8 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | √ | n/a | n/a | √ |
| 300-705 | 300-680 | 400 | 300 | 3,1 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | √ | n/a | √ |
| 350-300 | 350-285 | 350 | 350 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | n/a | √ | n/a | n/a | √ |
| 350-385 | 350-365 | 400 | 350 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | n/a | √ | n/a | n/a | √ |
| 350-690 | 350-655 | 400 | 350 | 3,1 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | √ | n/a | √ |
| 350-780 | 350-745 | 400 | 350 | 2,8 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | √ | C | n/a | √ |
| 350-450 | 350-430 | 450 | 350 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | n/a | √ | n/a | n/a | √ |
| 350-530 | 350-505 | 450 | 350 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | n/a | √ | n/a | n/a | √ |
| 350-685 | 350-650 | 500 | 350 | 1 | n/a | √ | n/a | C | n/a | n/a | C | n/a | n/a | √ | n/a |
| 350-845 | 350-805 | 500 | 350 | 1,6 | n/a | n/a | n/a | n/a | n/a | n/a | √ | n/a | n/a | √ | n/a |
| 400-340 | 400-325 | 400 | 400 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | n/a | √ | n/a | n/a | √ |
| 400-525 | 400-500 | 500 | 400 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | n/a | √ | n/a | n/a | √ |
| 400-535 | 400-510 | 500 | 400 | 1 | n/a | √ | n/a | C | n/a | n/a | n/a | n/a | n/a | √ | n/a |
| 400-580 | 400-550 | 500 | 400 | 2,8 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | √ | n/a | n/a | √ |
| 400-800 | 400-760 | 600 | 400 | 1,6 | n/a | n/a | n/a | n/a | n/a | n/a | √ | n/a | n/a | n/a | √ |
| 400-970 | 400-925 | 600 | 400 | 2,5 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | √ | n/a | n/a | √ |
| 450-390 | 450-370 | 500 | 450 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | n/a | √ | n/a | n/a | √ |
| 500-450 | 500-430 | 600 | 500 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | n/a | √ | n/a | n/a | √ |
| 500-525 | 500-500 | 600 | 500 | 1 | n/a | √ | n/a | n/a | n/a | n/a | n/a | n/a | n/a | √ | n/a |
| 500-625 | 500-605 | 600 | 500 | 1 | n/a | √ | n/a | n/a | n/a | n/a | n/a | n/a | n/a | √ | n/a |
| 500-715 | 500-690 | 700 | 500 | 1 | n/a | √ | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | √ |
| 500-920 | 500-875 | 700 | 500 | 1,6 | n/a | n/a | n/a | n/a | n/a | n/a | √ | n/a | n/a | n/a | √ |
| 600-575 | 600-540 | 700 | 600 | 1 | n/a | √ | n/a | n/a | n/a | n/a | n/a | n/a | n/a | √ | n/a |
| 600-610 | 600-580 | 700 | 600 | 1 | n/a | √ | n/a | n/a | n/a | n/a | n/a | n/a | n/a | √ | n/a |
| 600-810 | 600-770 | 800 | 600 | 1,6 | n/a | n/a | n/a | n/a | n/a | n/a | √ | n/a | n/a | n/a | √ |
| 700-870 | 700-830 | 800 | 700 | 1 | n/a | √ | n/a | n/a | n/a | n/a | n/a | n/a | n/a | √ | n/a |
| 600-1000 | 600-950 | 800 | 600 | 2,5 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | √ | n/a | n/a | √ |
| 600-1115 | 600-1060 | 800 | 600 | 1,6 | n/a | n/a | n/a | n/a | n/a | n/a | √ | n/a | n/a | n/a | √ |
| 700-535 | 700-505 | 700 | 700 | 1 | n/a | √ | n/a | n/a | n/a | n/a | n/a | n/a | n/a | √ | n/a |
| 700-615 | 700-585 | 800 | 700 | 1 | n/a | √ | n/a | n/a | n/a | n/a | n/a | n/a | n/a | √ | n/a |
| 700-670 | 700-635 | 800 | 700 | 1 | n/a | √ | n/a | n/a | n/a | n/a | n/a | n/a | n/a | √ | n/a |
| 700-775 | 700-735 | 800 | 700 | 1,6 | n/a | √ | n/a | n/a | n/a | n/a | n/a | n/a | n/a | √ | n/a |
| 700-995 | 700-945 | 900 | 700 | 1,6 | n/a | n/a | n/a | n/a | n/a | n/a | √ | n/a | n/a | √ | n/a |
| 800-590 | 800-560 | 800 | 800 | 1 | n/a | √ | n/a | n/a | n/a | n/a | n/a | n/a | n/a | √ | n/a |

√ = standard, C = customized, n/a = not applicable

eXC_FL_pres_CI-en_b_td 2

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# e-XC SERIES
# FLANGES PRESSURE - Cast Stainless Steel

| SIZE | | FLANGE SIZE | | MAX WORK. PRESSURE [Mpa] | CAST STAINLESS STEEL Flange Rating | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 316SS | | | | | Duplex/Super Duplex | | | | | | |
| 50 Hz | | Suc | Disc | 50Hz | PN10 | PN16 | PN25 | Cl 150 | Cl 300 | PN10 | PN16 | PN25 | PN40 | Cl 150 | Cl 300 |
| 80-215 | 80-205 | 125 | 80 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | C | √ | n/a | C | √ |
| 80-285 | 80-270 | 125 | 80 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | C | √ | n/a | C | √ |
| 80-315 | 80-300 | 125 | 80 | 2,8 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | √ | n/a | C | √ |
| 80-345 | 80-330 | 125 | 80 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | C | √ | n/a | C | √ |
| 100-165 | 100-155 | 125 | 100 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | C | √ | n/a | C | √ |
| 100-260 | 100-250 | 150 | 100 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | C | √ | n/a | C | √ |
| 100-325 | 100-310 | 150 | 100 | 3,1 | n/a | √ | n/a | √ | n/a | n/a | C | n/a | √ | C | √ |
| 100-365 | 100-350 | 150 | 100 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | C | √ | n/a | C | √ |
| 100-410 | 100-390 | 150 | 100 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | C | √ | n/a | C | √ |
| 125-195 | 125-185 | 150 | 125 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | C | √ | n/a | C | √ |
| 125-225 | 125-215 | 150 | 125 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | C | √ | n/a | C | √ |
| 125-245 | 125-235 | 200 | 125 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | C | √ | n/a | C | √ |
| 125-300 | 125-285 | 200 | 125 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | C | √ | n/a | C | √ |
| 125-355 | 125-335 | 200 | 125 | 3,1 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | √ | n/a | √ |
| 125-390 | 125-370 | 200 | 125 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | C | √ | n/a | C | √ |
| 125-475 | 125-450 | 200 | 125 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | C | √ | n/a | C | √ |
| 150-170 | 150-160 | 200 | 150 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | C | √ | n/a | C | √ |
| 150-300 | 150-285 | 200 | 150 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | C | √ | n/a | C | √ |
| 150-355 | 150-340 | 200 | 150 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | C | √ | n/a | C | √ |
| 150-455 | 150-435 | 200 | 150 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | C | √ | n/a | C | √ |
| 150-560 | 150-535 | 200 | 150 | 2,8 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | √ | n/a | n/a | √ |
| 150-280 | 150-265 | 250 | 150 | 2,8 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | √ | n/a | n/a | √ |
| 200-200 | 200-190 | 200 | 200 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | C | √ | n/a | C | √ |
| 200-250 | 200-235 | 250 | 200 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | C | √ | n/a | C | √ |
| 200-345 | 200-330 | 250 | 200 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | C | √ | n/a | C | √ |
| 200-425 | 200-405 | 250 | 200 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | C | √ | n/a | C | √ |
| 200-530 | 200-505 | 250 | 200 | 2,8 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | √ | n/a | n/a | √ |
| 200-655 | 200-625 | 250 | 200 | 3,1 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | √ | n/a | √ |
| 250-200 | 250-190 | 250 | 250 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | C | √ | n/a | C | √ |
| 250-390 | 250-370 | 300 | 250 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | C | √ | n/a | C | √ |
| 250-480 | 250-455 | 300 | 250 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | C | √ | n/a | C | √ |
| 250-610 | 250-580 | 300 | 250 | 2,8 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | √ | n/a | C | √ |
| 250-770 | 250-730 | 300 | 250 | 2,8 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | √ | n/a | C | √ |

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√ = standard, C = customized, n/a = not applicable

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# e-XC SERIES
# FLANGES PRESSURE - Cast Stainless Steel

| SIZE | | FLANGE SIZE | | MAX WORK. PRESSURE [Mpa] | CAST STAINLESS STEEL Flange Rating | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 316SS | | | | | Duplex/Super Duplex | | | | | |
| 50 Hz | | Suc | Disc | 50Hz | PN10 | PN16 | PN25 | Cl 150 | Cl 300 | PN10 | PN16 | PN25 | PN40 | Cl 150 | Cl 300 |
| 300-225 | 300-215 | 300 | 300 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | C | √ | n/a | C | √ |
| 300-255 | 300-245 | 300 | 300 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | C | √ | n/a | C | √ |
| 300-330 | 300-315 | 350 | 300 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | C | √ | n/a | C | √ |
| 300-450 | 300-430 | 400 | 300 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | C | √ | n/a | C | √ |
| 300-550 | 300-525 | 400 | 300 | 2,8 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | √ | n/a | C | √ |
| 300-705 | 300-680 | 400 | 300 | 3,1 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | √ | C | √ |
| 350-300 | 350-285 | 350 | 350 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | C | √ | n/a | C | √ |
| 350-385 | 350-365 | 400 | 350 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | C | √ | n/a | C | √ |
| 350-690 | 350-655 | 400 | 350 | 3,1 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | √ | C | √ |
| 350-780 | 350-745 | 400 | 350 | 2,8 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | √ | C | C | √ |
| 350-450 | 350-430 | 450 | 350 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | C | √ | n/a | C | √ |
| 350-530 | 350-505 | 450 | 350 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | C | √ | n/a | C | √ |
| 350-685 | 350-650 | 500 | 350 | 1 | n/a | √ | n/a | C | n/a | n/a | C | n/a | n/a | √ | n/a |
| 350-845 | 350-805 | 500 | 350 | 1,6 | n/a | n/a | n/a | n/a | n/a | n/a | √ | n/a | n/a | √ | n/a |
| 400-340 | 400-325 | 400 | 400 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | C | √ | n/a | C | √ |
| 400-525 | 400-500 | 500 | 400 | 2,8 | n/a | n/a | n/a | n/a | n/a | n/a | C | √ | n/a | C | √ |
| 400-535 | 400-510 | 500 | 400 | 1 | n/a | √ | n/a | C | n/a | n/a | C | n/a | n/a | √ | n/a |
| 400-580 | 400-550 | 500 | 400 | 2,8 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | √ | n/a | C | √ |
| 400-800 | 400-760 | 600 | 400 | 1,6 | n/a | n/a | n/a | n/a | n/a | n/a | √ | n/a | n/a | n/a | √ |
| 400-970 | 400-925 | 600 | 400 | 2,5 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | √ | n/a | C | √ |
| 450-390 | 450-370 | 500 | 450 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | C | √ | n/a | C | √ |
| 500-450 | 500-430 | 600 | 500 | 2,8 | n/a | √ | n/a | √ | n/a | n/a | C | √ | n/a | C | √ |
| 500-525 | 500-500 | 600 | 500 | 1 | n/a | √ | n/a | n/a | n/a | n/a | C | n/a | n/a | √ | n/a |
| 500-625 | 500-605 | 600 | 500 | 1 | n/a | √ | n/a | n/a | n/a | n/a | C | n/a | n/a | √ | n/a |
| 500-715 | 500-690 | 700 | 500 | 1 | n/a | √ | n/a | n/a | n/a | n/a | C | n/a | n/a | n/a | √ |
| 500-920 | 500-875 | 700 | 500 | 1,6 | n/a | n/a | n/a | n/a | n/a | n/a | √ | n/a | n/a | n/a | √ |
| 600-575 | 600-540 | 700 | 600 | 1 | n/a | √ | n/a | n/a | n/a | n/a | C | n/a | n/a | √ | n/a |
| 600-610 | 600-580 | 700 | 600 | 1 | n/a | √ | n/a | n/a | n/a | n/a | C | n/a | n/a | √ | n/a |
| 600-810 | 600-770 | 800 | 600 | 1,6 | n/a | n/a | n/a | n/a | n/a | n/a | √ | n/a | n/a | n/a | √ |
| 700-870 | 700-830 | 800 | 700 | 1 | n/a | √ | n/a | n/a | n/a | n/a | C | n/a | n/a | √ | n/a |
| 600-1000 | 600-950 | 800 | 600 | 2,5 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | √ | n/a | C | √ |
| 600-1115 | 600-1060 | 800 | 600 | 1,6 | n/a | n/a | n/a | n/a | n/a | n/a | C | n/a | n/a | n/a | √ |
| 700-535 | 700-505 | 700 | 700 | 1 | n/a | √ | n/a | n/a | n/a | n/a | C | n/a | n/a | √ | n/a |
| 700-615 | 700-585 | 800 | 700 | 1 | n/a | √ | n/a | n/a | n/a | n/a | C | n/a | n/a | √ | n/a |
| 700-670 | 700-635 | 800 | 700 | 1 | n/a | √ | n/a | n/a | n/a | n/a | C | n/a | n/a | √ | n/a |
| 700-775 | 700-735 | 800 | 700 | 1,6 | n/a | √ | n/a | n/a | n/a | n/a | C | n/a | n/a | √ | n/a |
| 700-995 | 700-945 | 900 | 700 | 1,6 | n/a | n/a | n/a | n/a | n/a | n/a | √ | n/a | n/a | √ | n/a |
| 800-590 | 800-560 | 800 | 800 | 1 | n/a | √ | n/a | n/a | n/a | n/a | C | n/a | n/a | √ | n/a |

√ = standard, C = customized, n/a = not applicable

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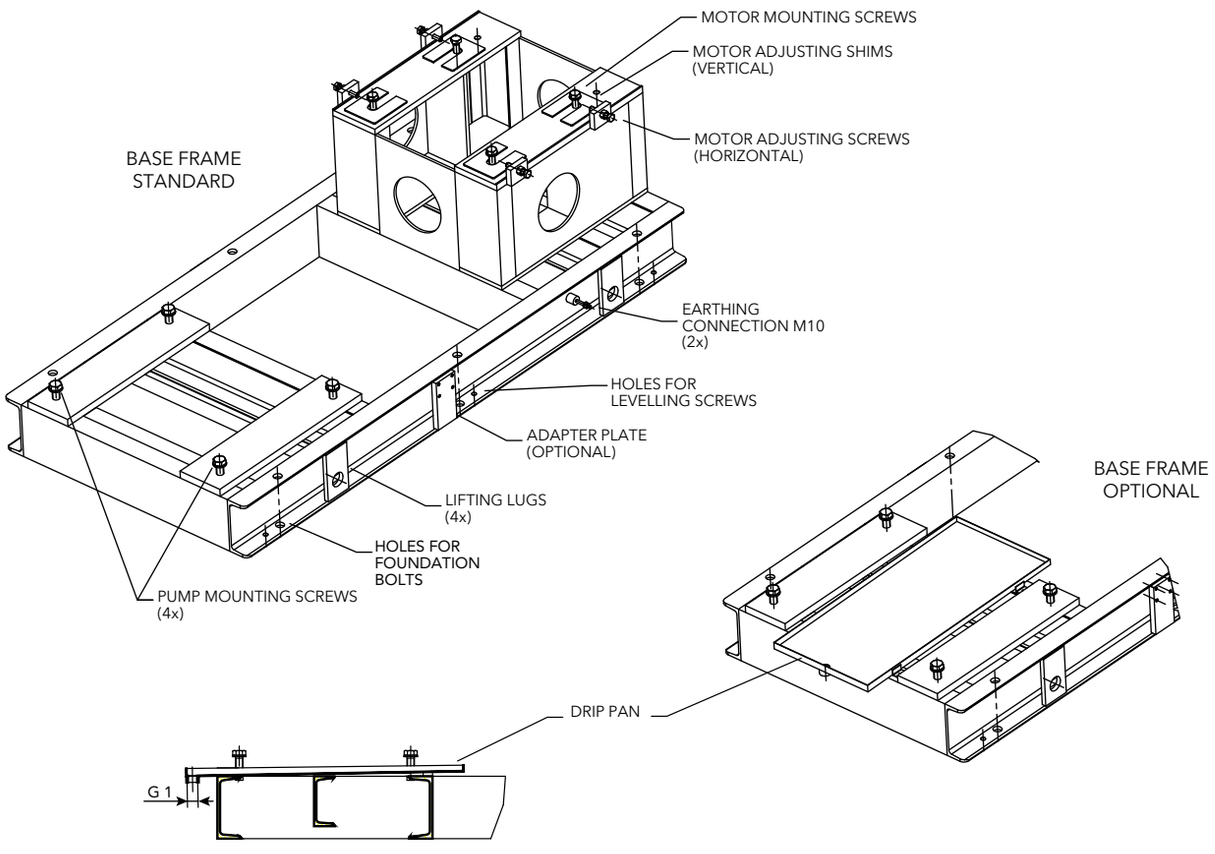
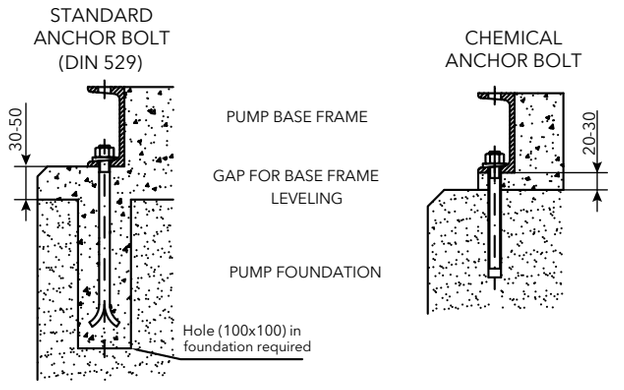
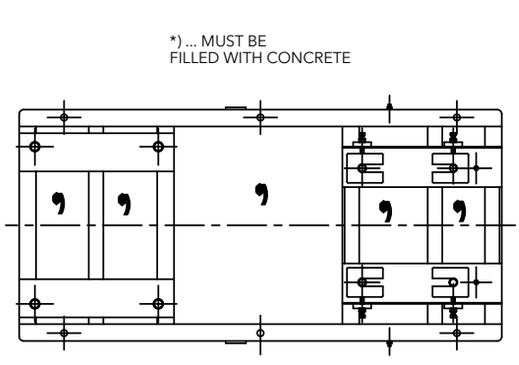
# e-XC SERIES
# PUMP BASE FRAME

**STANDARD DESIGN**
FRAME: CARBON STEEL (PAINTED)
SCREWS: CARBON STEEL GALVANIZED
ANCHOR BOLTS DIN 529: CARBON STEEL
CHEMICAL ANCHOR BOLTS: CARBON STEEL

**OPTIONAL DESIGN**
WITH DRIP PAN: 316SS

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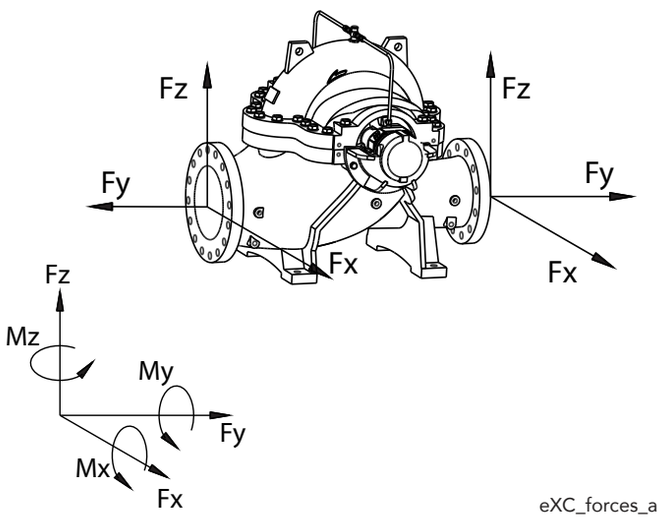
# e-XC SERIES
# PERMISSIBLE FORCES AND MOMENTS AT PUMP NOZZLES




eXC_forces_a

Forces at the pump flanges calculated according to EN ISO 5199:2002.

When the applied loads do not all attain the maximum values allowed, one of these loads may exceed the normal limit, provided that the following supplementary conditions are satisfied:

- any component of a force or of a moment shall be limited to 1,4 times the maximum allowable value;

- the actual forces and moments acting on each flange are governed by the following formula:

$$\left(\frac{\sum|F_{x,y,z}|}{\sum|F_{max}|}\right)^2+\left(\frac{\sum|M_{x,y,z}|}{\sum|M_{max}|}\right)^2\leq 2$$

## Casing material: Cast Iron, Ductile Iron, 316SS

| Flange Loading Ratings | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Force [N] | | | | Moment [Nm] | | | |
| Diamet. Mm | Fy | Fz | Fx | ΣF | My | Mz | Mx | ΣM |
| 65 | 840 | 680 | 740 | 1320 | 330 | 360 | 450 | 660 |
| 80 | 1000 | 820 | 900 | 1580 | 345 | 390 | 480 | 705 |
| 100 | 1340 | 1080 | 1200 | 2100 | 375 | 435 | 525 | 780 |
| 125 | 1580 | 1280 | 1420 | 2480 | 450 | 570 | 630 | 915 |
| 150 | 2000 | 1620 | 1800 | 3140 | 525 | 615 | 750 | 1095 |
| 200 | 2680 | 2160 | 2400 | 4180 | 690 | 795 | 975 | 1440 |
| 250 | 3340 | 2700 | 2980 | 5220 | 945 | 1095 | 1335 | 1965 |
| 300 | 4000 | 3220 | 3580 | 6260 | 1290 | 1485 | 1815 | 2670 |
| 350 | 4660 | 3760 | 4180 | 7300 | 1650 | 1905 | 2325 | 3420 |
| 400 | 5320 | 4300 | 4780 | 8340 | 2070 | 2385 | 2910 | 4290 |
| 450 | 5980 | 4840 | 5380 | 9380 | 2550 | 2940 | 3585 | 5280 |
| 500 | 6640 | 5380 | 5980 | 10420 | 3075 | 3540 | 4335 | 6390 |
| 550 | 7300 | 5920 | 6580 | 11460 | 3660 | 4215 | 5130 | 7590 |
| 600 | 7960 | 6460 | 7180 | 12500 | 4320 | 4980 | 6060 | 8970 |
| 700 | 9320 | 7520 | 8360 | 14600 | 3300 | 3810 | 4650 | 6840 |
| 800 | 10640 | 8600 | 9560 | 16680 | 4170 | 4770 | 5820 | 8580 |
| 900 | 11960 | 9680 | 10760 | 18760 | 5100 | 5880 | 7170 | 10560 |

eXC_forces_CI_DI_b_td

## Casing material: Duplex, Superduplex

| Flange Loading Ratings | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Force [N] | | | | Moment [Nm] | | | |
| Diamet. Mm | Fy | Fz | Fx | ΣF | My | Mz | Mx | ΣM |
| 65 | 2100 | 1700 | 1850 | 3300 | 1100 | 1200 | 1500 | 2200 |
| 80 | 2500 | 2050 | 2250 | 3950 | 1150 | 1300 | 1600 | 2350 |
| 100 | 3350 | 2700 | 3000 | 5250 | 1250 | 1450 | 1750 | 2600 |
| 125 | 3950 | 3200 | 3550 | 6200 | 1500 | 1900 | 2100 | 3050 |
| 150 | 5000 | 4050 | 4500 | 7850 | 1750 | 2050 | 2500 | 3650 |
| 200 | 6700 | 5400 | 6000 | 10450 | 2300 | 2650 | 3250 | 4800 |
| 250 | 8350 | 6750 | 7450 | 13050 | 3150 | 3650 | 4450 | 6550 |
| 300 | 10000 | 8050 | 8950 | 15650 | 4300 | 4950 | 6050 | 8900 |
| 350 | 11650 | 9400 | 10450 | 18250 | 5500 | 6350 | 7750 | 11400 |
| 400 | 13300 | 10750 | 11950 | 20850 | 6900 | 7950 | 9700 | 14300 |
| 450 | 14950 | 12100 | 13450 | 23450 | 8500 | 9800 | 11950 | 17600 |
| 500 | 16600 | 13450 | 14950 | 26050 | 6500 | 7500 | 9150 | 13500 |
| 550 | 18250 | 14800 | 16450 | 28650 | 7500 | 8600 | 10500 | 15500 |
| 600 | 19900 | 16150 | 17950 | 31250 | 8600 | 9900 | 12100 | 17850 |
| 700 | 23300 | 18800 | 20900 | 36500 | 11000 | 12700 | 15500 | 22800 |
| 800 | 26600 | 21500 | 23900 | 41700 | 13900 | 15900 | 19400 | 28600 |
| 900 | 29900 | 24200 | 26900 | 46900 | 17000 | 19600 | 23900 | 35200 |

eXC_forces_DUP_b_td

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# ACCESSORIES

# e-XC SERIES
# ACCESSORIES

| Item | Description | Attributes | Standard | Optional |
|---|---|---|---|---|
| Coupling guard* | Safety enclosure for protection against rotating components | European Standards compliant | ● | - |
| External Flushing | Pl 11 external flushing of seals | Stainless steel flush lines | ● | - |
| Baseplate | Grouted baseplate | Rolled steel | ● | - |
| Vibration Connections | 6pc port connection M10x1, 3pc per bearing unit | 15mm thread depth, 19mm drilling hole depth | ● | - |
| Temperature Connections | 4pc port connection M10x1, 2 pc per bearing unit | 15mm thread depth, bottom hole through | ● | - |
| Pressure Connections | 4 pc port connection Rp1/2, 2 pc on suction side, 2pc on discharge side | bottom hole through | ● | - |
| Drip Pan | Rectangular inboard to outboard drip pan, connection G1 | Stainless steel | - | ● |
| Oil Lubrication Kit | Oil lubrication kit for Bearing | 120mL oiler assembly, breather vent, sight glass included | - | ● |
| VFD | Lowara Aquavar® IPC (only up to 90 kW) | - | - | ● |
| Condition monitoring solution** | Optimyze™ | - | - | ● |

*Standard guard cannot be considered non-sparking

XC_acc-en_b_ot

** Some pump sizes might be not compatible with Optimyze. To be checked with Customer Service.

## Optimyze

Optimyze is a modular condition monitoring solution that provides health guidance and predictive maintenance advice for rotating and fixed assets such as pumps, motors, heat exchanges and steam traps.

By periodically monitoring vibration, temperature and magnetic flux, optimyze is able to identify potential problems with your equipment before they occur. Health information is collected, stored and analyzed in the optimyze sensor before being wirelessly transmitted to your iOS or Android smart device via Bluetooth wireless technology. The optimyze mobile application provides an easy interface to understand the health of your assets, create maintenance reminders and generate detailed reports.

The optimyze sensor is powered by a replaceable 3.6V Lithium Thionyl Chloride battery pack that will enable the sensor to operate for 3 to 5 years. The sensor is designed for indoor or outdoor mounting using the supplied magnetic feet or the optional fixed bracket.

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# REPORTS AND DECLARATIONS

# REPORTS AND DECLARATIONS

**i) Test reports (*)**

a) **Factory Test Report**
- Test report compiled at the end of the assembly line, including flow-head performance test (ISO 9906:2012 – Grade 2B) and hydrostatic pressure test.

b) **Audit Test Report**
- Test report for electric pumps compiled in the test room, including flow-head-pump input-pump efficiency performance test (according to ISO 9906:2012)

c) **NPSH Test Report**
- Test report for electric pumps compiled in the test room, including flow-NPSH performance test (according to ISO 9906:2012)

d) **Vibration Test Report**
- Report indicating vibration measurements (EN ISO 10816-7)

**ii) Declaration of product conformity with the technical requirements indicated in the order**

a) **EN 10204:2004 - type 2.1**
- does not include test results on supplied or similar products.

b) **EN 10204:2004 - type 2.2**
- includes test results (materials certificates) on similar products.

**iii) Issue of a further EC Declaration of Conformity,**
- in addition to the one accompanying the product, it comprises references to European law and the main technical standards (e.g.: MD 2006/42/EC, EMCD 2014/30/EU, ErP 2009/125/EC).

*N.B.: if the request is made after receipt of the product, communicate the code (name) and serial number (date + progressive number).*

**iv) Manufacturer's declaration of conformity**
- relative to one of more types of products without indicating specific codes and serial numbers.

**v) Other certificates and/or documentation on request**
- subject to availability or feasibility.

**vi) Duplication of certificates and/or documentation on request**
- subject to availability or feasibility.

(*) according to size and motor power, some pumps shall be tested by external Lab.

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# TECHNICAL APPENDIX

# NPSH

The minimum operating values that can be reached at the pump suction end are limited by the onset of cavitation.

Cavitation is the formation of vapour-filled cavities within liquids where the pressure is locally reduced to a critical value, or where the local pressure is equal to, or just below the vapour pressure of the liquid.

The vapour-filled cavities flow with the current and when they reach a higher pressure area the vapour contained in the cavities condenses. The cavities collide, generating pressure waves that are transmitted to the walls. These, being subjected to stress cycles, gradually become deformed and yield due to fatigue. This phenomenon, characterized by a metallic noise produced by the hammering on the pipe walls, is called incipient cavitation.

The damage caused by cavitation may be magnified by electrochemical corrosion and a local rise in temperature due to the plastic deformation of the walls. The materials that offer the highest resistance to heat and corrosion are alloy steels, especially austenitic steel. The conditions that trigger cavitation may be assessed by calculating the total net suction head, referred to in technical literature with the acronym NPSH (Net Positive Suction Head).

The NPSH represents the total energy (expressed in m.) of the liquid measured at suction under conditions of incipient cavitation, excluding the vapour pressure (expressed in m.) that the liquid has at the pump inlet.

To find the static height hz at which to install the machine under safe conditions, the following formula must be verified:

**hp + hz** $\geq$ **(NPSHr + 0.5) + hf + hpv** ①

where:
**hp** is the absolute pressure applied to the free liquid surface in the suction tank, expressed in m. of liquid; hp is the quotient between the barometric pressure and the specific weight of the liquid.
**hz** is the suction lift between the pump axis and the free liquid surface in the suction tank, expressed in m.; hz is negative when the liquid level is lower than the pump axis.
**hf** is the flow resistance in the suction line and its accessories, such as: fittings, foot valve, gate valve, elbows, etc.
**hpv** is the vapour pressure of the liquid at the operating temperature, expressed in m. of liquid. hpv is the quotient between the Pv vapour pressure and the liquid's specific weight.
**0,5** is the safety factor.

The maximum possible suction head for installation depends on the value of the atmospheric pressure (i.e. the elevation above sea level at which the pump is installed) and the temperature of the liquid.

To help the user, with reference to water temperature (4° C) and to the elevation above sea level, the following tables show the drop in hydraulic pressure head in relation to the elevation above sea level, and the suction loss in relation to temperature.

| **Water temperature (°C)** | 20 | 40 | 60 | 80 | 90 | 110 | 120 |
|---|---|---|---|---|---|---|---|
| **Suction loss (m)** | 0,2 | 0,7 | 2,0 | 5,0 | 7,4 | 15,4 | 21,5 |

| **Elevation above sea level (m)** | 500 | 1000 | 1500 | 2000 | 2500 | 3000 |
|---|---|---|---|---|---|---|
| **Suction loss (m)** | 0,55 | 1,1 | 1,65 | 2,2 | 2,75 | 3,3 |

Friction loss is shown in the tables Flow Resistance of this catalogue. To reduce it to a minimum, especially in cases of high suction head (over 4-5 m.) or within the operating limits with high flow rates, we recommend using a suction line having a larger diameter than that of the pump's suction port.
It is always a good idea to position the pump as close as possible to the liquid to be pumped.

Make the following calculation:

Liquid: water at ~15°C $\gamma = 1$ kg/dm$^3$
Flow rate required: 25 m$^3$/h
Head for required delivery: 70 m.
Suction lift: 3,5 m.
The selection is an 33SV3G075T pump whose NPSH required value is, at 25 m$^3$/h, of 2 m.

For water at 15 °C

hp = Pa / $\gamma$ = 10,33m, hpv = Pv / $\gamma$ = 0,174m (0,01701 bar)

The Hf flow resistance in the suction line with foot valves is ~ 1,2 m.
By substituting the parameters in formula ① with the numeric values above, we have:

$10,33 + (-3,5) \geq (2 + 0,5) + 1,2 + 0,17$

from which we have: $6,8 > 3,9$

The relation is therefore verified.

# VAPOUR PRESSURE
# VAPOUR PRESSURE ps AND ρ DENSITY OF WATER TABLE

| t | T | ps | ρ |
|---|---|---|---|
| °C | K | bar | kg/dm³ |
| 0 | 273,15 | 0,00611 | 0,9998 |
| 1 | 274,15 | 0,00657 | 0,9999 |
| 2 | 275,15 | 0,00706 | 0,9999 |
| 3 | 276,15 | 0,00758 | 0,9999 |
| 4 | 277,15 | 0,00813 | 1,0000 |
| 5 | 278,15 | 0,00872 | 1,0000 |
| 6 | 279,15 | 0,00935 | 1,0000 |
| 7 | 280,15 | 0,01001 | 0,9999 |
| 8 | 281,15 | 0,01072 | 0,9999 |
| 9 | 282,15 | 0,01147 | 0,9998 |
| 10 | 283,15 | 0,01227 | 0,9997 |
| 11 | 284,15 | 0,01312 | 0,9997 |
| 12 | 285,15 | 0,01401 | 0,9996 |
| 13 | 286,15 | 0,01497 | 0,9994 |
| 14 | 287,15 | 0,01597 | 0,9993 |
| 15 | 288,15 | 0,01704 | 0,9992 |
| 16 | 289,15 | 0,01817 | 0,9990 |
| 17 | 290,15 | 0,01936 | 0,9988 |
| 18 | 291,15 | 0,02062 | 0,9987 |
| 19 | 292,15 | 0,02196 | 0,9985 |
| 20 | 293,15 | 0,02337 | 0,9983 |
| 21 | 294,15 | 0,24850 | 0,9981 |
| 22 | 295,15 | 0,02642 | 0,9978 |
| 23 | 296,15 | 0,02808 | 0,9976 |
| 24 | 297,15 | 0,02982 | 0,9974 |
| 25 | 298,15 | 0,03166 | 0,9971 |
| 26 | 299,15 | 0,03360 | 0,9968 |
| 27 | 300,15 | 0,03564 | 0,9966 |
| 28 | 301,15 | 0,03778 | 0,9963 |
| 29 | 302,15 | 0,04004 | 0,9960 |
| 30 | 303,15 | 0,04241 | 0,9957 |
| 31 | 304,15 | 0,04491 | 0,9954 |
| 32 | 305,15 | 0,04753 | 0,9951 |
| 33 | 306,15 | 0,05029 | 0,9947 |
| 34 | 307,15 | 0,05318 | 0,9944 |
| 35 | 308,15 | 0,05622 | 0,9940 |
| 36 | 309,15 | 0,05940 | 0,9937 |
| 37 | 310,15 | 0,06274 | 0,9933 |
| 38 | 311,15 | 0,06624 | 0,9930 |
| 39 | 312,15 | 0,06991 | 0,9927 |
| 40 | 313,15 | 0,07375 | 0,9923 |
| 41 | 314,15 | 0,07777 | 0,9919 |
| 42 | 315,15 | 0,08198 | 0,9915 |
| 43 | 316,15 | 0,09639 | 0,9911 |
| 44 | 317,15 | 0,09100 | 0,9907 |
| 45 | 318,15 | 0,09582 | 0,9902 |
| 46 | 319,15 | 0,10086 | 0,9898 |
| 47 | 320,15 | 0,10612 | 0,9894 |
| 48 | 321,15 | 0,11162 | 0,9889 |
| 49 | 322,15 | 0,11736 | 0,9884 |
| 50 | 323,15 | 0,12335 | 0,9880 |
| 51 | 324,15 | 0,12961 | 0,9876 |
| 52 | 325,15 | 0,13613 | 0,9871 |
| 53 | 326,15 | 0,14293 | 0,9862 |
| 54 | 327,15 | 0,15002 | 0,9862 |

| t | T | ps | ρ |
|---|---|---|---|
| °C | K | bar | kg/dm³ |
| 55 | 328,15 | 0,15741 | 0,9857 |
| 56 | 329,15 | 0,16511 | 0,9852 |
| 57 | 330,15 | 0,17313 | 0,9846 |
| 58 | 331,15 | 0,18147 | 0,9842 |
| 59 | 332,15 | 0,19016 | 0,9837 |
| 60 | 333,15 | 0,1992 | 0,9832 |
| 61 | 334,15 | 0,2086 | 0,9826 |
| 62 | 335,15 | 0,2184 | 0,9821 |
| 63 | 336,15 | 0,2286 | 0,9816 |
| 64 | 337,15 | 0,2391 | 0,9811 |
| 65 | 338,15 | 0,2501 | 0,9805 |
| 66 | 339,15 | 0,2615 | 0,9799 |
| 67 | 340,15 | 0,2733 | 0,9793 |
| 68 | 341,15 | 0,2856 | 0,9788 |
| 69 | 342,15 | 0,2984 | 0,9782 |
| 70 | 343,15 | 0,3116 | 0,9777 |
| 71 | 344,15 | 0,3253 | 0,9770 |
| 72 | 345,15 | 0,3396 | 0,9765 |
| 73 | 346,15 | 0,3543 | 0,9760 |
| 74 | 347,15 | 0,3696 | 0,9753 |
| 75 | 348,15 | 0,3855 | 0,9748 |
| 76 | 349,15 | 0,4019 | 0,9741 |
| 77 | 350,15 | 0,4189 | 0,9735 |
| 78 | 351,15 | 0,4365 | 0,9729 |
| 79 | 352,15 | 0,4547 | 0,9723 |
| 80 | 353,15 | 0,4736 | 0,9716 |
| 81 | 354,15 | 0,4931 | 0,9710 |
| 82 | 355,15 | 0,5133 | 0,9704 |
| 83 | 356,15 | 0,5342 | 0,9697 |
| 84 | 357,15 | 0,5557 | 0,9691 |
| 85 | 358,15 | 0,5780 | 0,9684 |
| 86 | 359,15 | 0,6011 | 0,9678 |
| 87 | 360,15 | 0,6249 | 0,9671 |
| 88 | 361,15 | 0,6495 | 0,9665 |
| 89 | 362,15 | 0,6749 | 0,9658 |
| 90 | 363,15 | 0,7011 | 0,9652 |
| 91 | 364,15 | 0,7281 | 0,9644 |
| 92 | 365,15 | 0,7561 | 0,9638 |
| 93 | 366,15 | 0,7849 | 0,9630 |
| 94 | 367,15 | 0,8146 | 0,9624 |
| 95 | 368,15 | 0,8453 | 0,9616 |
| 96 | 369,15 | 0,8769 | 0,9610 |
| 97 | 370,15 | 0,9094 | 0,9602 |
| 98 | 371,15 | 0,9430 | 0,9596 |
| 99 | 372,15 | 0,9776 | 0,9586 |
| 100 | 373,15 | 1,0133 | 0,9581 |
| 102 | 375,15 | 1,0878 | 0,9567 |
| 104 | 377,15 | 1,1668 | 0,9552 |
| 106 | 379,15 | 1,2504 | 0,9537 |
| 108 | 381,15 | 1,3390 | 0,9522 |
| 110 | 383,15 | 1,4327 | 0,9507 |
| 112 | 385,15 | 1,5316 | 0,9491 |
| 114 | 387,15 | 1,6362 | 0,9476 |
| 116 | 389,15 | 1,7465 | 0,9460 |
| 118 | 391,15 | 1,8628 | 0,9445 |

| t | T | ps | ρ |
|---|---|---|---|
| °C | K | bar | kg/dm³ |
| 120 | 393,15 | 1,9854 | 0,9429 |
| 122 | 395,15 | 2,1145 | 0,9412 |
| 124 | 397,15 | 2,2504 | 0,9396 |
| 126 | 399,15 | 2,3933 | 0,9379 |
| 128 | 401,15 | 2,5435 | 0,9362 |
| 130 | 403,15 | 2,7013 | 0,9346 |
| 132 | 405,15 | 2,867 | 0,9328 |
| 134 | 407,15 | 3,041 | 0,9311 |
| 136 | 409,15 | 3,223 | 0,9294 |
| 138 | 411,15 | 3,414 | 0,9276 |
| 140 | 413,15 | 3,614 | 0,9258 |
| 145 | 418,15 | 4,155 | 0,9214 |
| 155 | 428,15 | 5,433 | 0,9121 |
| 160 | 433,15 | 6,181 | 0,9073 |
| 165 | 438,15 | 7,008 | 0,9024 |
| 170 | 433,15 | 7,920 | 0,8973 |
| 175 | 448,15 | 8,924 | 0,8921 |
| 180 | 453,15 | 10,027 | 0,8869 |
| 185 | 458,15 | 11,233 | 0,8815 |
| 190 | 463,15 | 12,551 | 0,8760 |
| 195 | 468,15 | 13,987 | 0,8704 |
| 200 | 473,15 | 15,550 | 0,8647 |
| 205 | 478,15 | 17,243 | 0,8588 |
| 210 | 483,15 | 19,077 | 0,8528 |
| 215 | 488,15 | 21,060 | 0,8467 |
| 220 | 493,15 | 23,198 | 0,8403 |
| 225 | 498,15 | 25,501 | 0,8339 |
| 230 | 503,15 | 27,976 | 0,8273 |
| 235 | 508,15 | 30,632 | 0,8205 |
| 240 | 513,15 | 33,478 | 0,8136 |
| 245 | 518,15 | 36,523 | 0,8065 |
| 250 | 523,15 | 39,776 | 0,7992 |
| 255 | 528,15 | 43,246 | 0,7916 |
| 260 | 533,15 | 46,943 | 0,7839 |
| 265 | 538,15 | 50,877 | 0,7759 |
| 270 | 543,15 | 55,058 | 0,7678 |
| 275 | 548,15 | 59,496 | 0,7593 |
| 280 | 553,15 | 64,202 | 0,7505 |
| 285 | 558,15 | 69,186 | 0,7415 |
| 290 | 563,15 | 74,461 | 0,7321 |
| 295 | 568,15 | 80,037 | 0,7223 |
| 300 | 573,15 | 85,927 | 0,7122 |
| 305 | 578,15 | 92,144 | 0,7017 |
| 310 | 583,15 | 98,70 | 0,6906 |
| 315 | 588,15 | 105,61 | 0,6791 |
| 320 | 593,15 | 112,89 | 0,6669 |
| 325 | 598,15 | 120,56 | 0,6541 |
| 330 | 603,15 | 128,63 | 0,6404 |
| 340 | 613,15 | 146,05 | 0,6102 |
| 350 | 623,15 | 165,35 | 0,5743 |
| 360 | 633,15 | 186,75 | 0,5275 |
| 370 | 643,15 | 210,54 | 0,4518 |
| 374,15 | 647,30 | 221,20 | 0,3154 |
| | | | |
| | | | |

G-at_npsh_b_sc

## MINIMUM REQUIRED SEAL PRESSURE FOR HOT WATER

| Water Temperature [°C] | Vapor Pressure [$bar_G$] | Minimum Required Seal Pressure [$bar_G$] |
|---|---|---|
| 80 | -0,54 | 0,00 |
| 85 | -0,44 | 0,20 |
| 90 | -0,31 | 0,42 |
| 95 | -0,17 | 0,68 |
| 100 | 0,00 | 0,97 |
| 105 | 0,20 | 1,31 |
| 110 | 0,42 | 1,69 |
| 115 | 0,68 | 2,12 |
| 120 | 0,97 | 2,60 |
| 125 | 1,31 | 3,14 |
| 130 | 1,69 | 3,75 |
| 135 | 2,12 | 4,42 |
| 140 | 2,60 | 5,17 |
| 145 | 3,14 | 6,00 |
| 150 | 3,75 | 6,90 |

Minimum Pump Inlet Pressure =
(Minimum Required Seal Pressure + 0,2) - $\Delta p$ [$bar_G$]

(Valid for atmospheric pressure $p_0$ = 1.01 $bar_A$)

NOTE: the minimum Pump Inlet Pressure can even be higher according NPSHr calculation.

## VOLUMETRIC CAPACITY

| Litres per minute l/min | Cubic metres per hour $m^3/h$ | Cubic feet per hour $ft^3/h$ | Cubic feet per minute $ft^3/min$ | Imperial gallon per minute Imp. gal/min | U.S. gallon per minute US gal/min |
|---|---|---|---|---|---|
| **1,0000** | 0,0600 | 2,1189 | 0,0353 | 0,2200 | 0,2642 |
| 16,6667 | **1,0000** | 35,3147 | 0,5886 | 3,6662 | 4,4029 |
| 0,4719 | 0,0283 | **1,0000** | 0,0167 | 0,1038 | 0,1247 |
| 28,3168 | 1,6990 | 60,0000 | **1,0000** | 6,2288 | 7,4805 |
| 4,5461 | 0,2728 | 9,6326 | 0,1605 | **1,0000** | 1,2009 |
| 3,7854 | 0,2271 | 8,0208 | 0,1337 | 0,8327 | **1,0000** |

## PRESSURE AND HEAD

| Newton per square metre $N/m^2$ | kilo Pascal kPa | bar bar | Pound force per square inch psi | Metre of water m $H_2O$ | Millimetre of mercury mm Hg |
|---|---|---|---|---|---|
| **1,0000** | 0,0010 | $1 \times 10^{-5}$ | $1,45 \times 10^{-4}$ | $1,02 \times 10^{-4}$ | 0,0075 |
| 1 000,0000 | **1,0000** | 0,0100 | 0,1450 | 0,1020 | 7,5006 |
| $1 \times 10^5$ | 100,0000 | **1,0000** | 14,5038 | 10,1972 | 750,0638 |
| 6 894,7570 | 6,8948 | 0,0689 | **1,0000** | 0,7031 | 51,7151 |
| 9 806,6500 | 9,8067 | 0,0981 | 1,4223 | **1,0000** | 73,5561 |
| 133,3220 | 0,1333 | 0,0013 | 0,0193 | 0,0136 | **1,0000** |

## LENGTH

| Millimetre mm | Centimetre cm | Metre m | Inch in | Foot ft | Yard yd |
|---|---|---|---|---|---|
| **1,0000** | 0,1000 | 0,0010 | 0,0394 | 0,0033 | 0,0011 |
| 10,0000 | **1,0000** | 0,0100 | 0,3937 | 0,0328 | 0,0109 |
| 1 000,0000 | 100,0000 | **1,0000** | 39,3701 | 3,2808 | 1,0936 |
| 25,4000 | 2,5400 | 0,0254 | **1,0000** | 0,0833 | 0,0278 |
| 304,8000 | 30,4800 | 0,3048 | 12,0000 | **1,0000** | 0,3333 |
| 914,4000 | 91,4400 | 0,9144 | 36,0000 | 3,0000 | **1,0000** |

## VOLUME

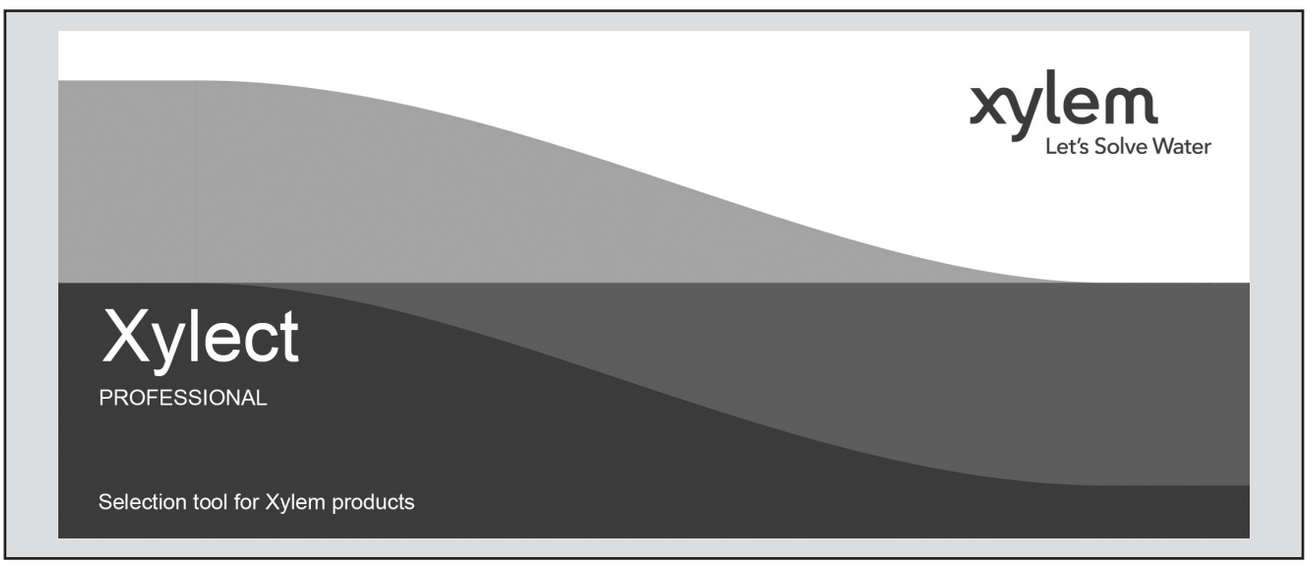
| Cubic metre $m^3$ | Litre L | Millilitre ml | Imperial gallon imp. gal. | U.S. gallon US gal. | Cubic foot $ft^3$ |
|---|---|---|---|---|---|
| **1,0000** | 1 000,0000 | $1 \times 10^6$ | 219,9694 | 264,1720 | 35,3147 |
| 0,0010 | **1,0000** | 1 000,0000 | 0,2200 | 0,2642 | 0,0353 |
| $1 \times 10^{-6}$ | 0,0010 | **1,0000** | $2,2 \times 10^{-4}$ | $2,642 \times 10^{-4}$ | $3,53 \times 10^{-5}$ |
| 0,0045 | 4,5461 | 4 546,0870 | **1,0000** | 1,2009 | 0,1605 |
| 0,0038 | 3,7854 | 3 785,4120 | 0,8327 | **1,0000** | 0,1337 |
| 0,0283 | 28,3168 | 28 316,8466 | 6,2288 | 7,4805 | **1,0000** |

## TEMPERATURE

| Water | Kelvin K | Celsius °C | Fahrenheit °F | $°F = °C \times \frac{9}{5} + 32$ <br> $°C = (°F - 32) \times \frac{5}{9}$ |
|---|---|---|---|---|
| icing | 273,1500 | 0,0000 | 32,0000 | |
| boiling | 373,1500 | 100,0000 | 212,0000 | |

G-at_pp-en_b_sc

# FURTHER PRODUCT SELECTION AND DOCUMENTATION
## Xylect




Xylect is pump solution selection software with an extensive online database of product information across the entire Lowara range of pumps and related products, with multiple search options and helpful project management facilities. The system holds up-to-date product information on thousands of products and accessories.

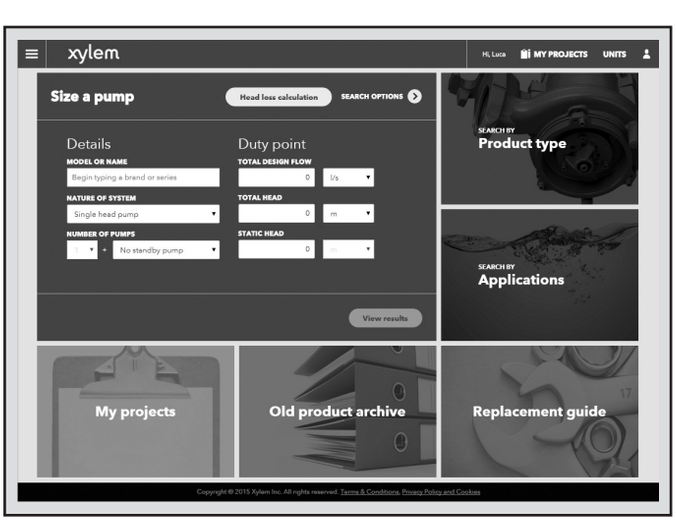
The possibility to search by applications and the detailed information output given makes it easy to make the optimal selection without having detailed knowledge about the Lowara products.

The search can be made by:

- Application
- Product type
- Duty point

Xylect gives a detailed output:

- List with search results
- Performance curves (flow, head, power, efficiency, NPSH)
- Motor data
- Dimensional drawings
- Options
- Data sheet printouts
- Document downloads incl dxf files




*The search by application guides users not familiar with the product range to the right choice.*

# FURTHER PRODUCT SELECTION AND DOCUMENTATION
## Xylect

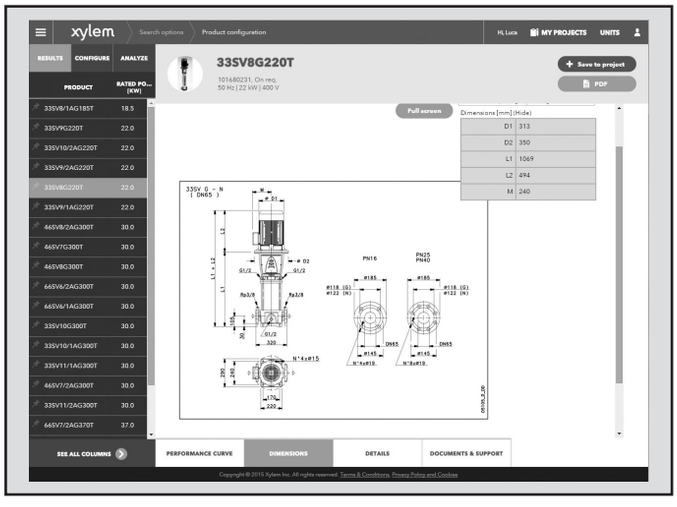
*The detailed output makes it easy to select the optimal pump from the given alternatives.*

The best way to work with Xylect is to create a personal account. This makes it possible to:

- Set own standard units
- Create and save projects
- Share projects with other Xylect users

Every registered user has a proper space, where all projects are saved.

For more information about Xylect please contact our sales network or visit www.xylect.com.




*Dimensional drawings appear on the screen and can be downloaded in dxf format.*

# Xylem |'zīləm|

1) The tissue in plants that brings water upward from the roots;
2) a leading global water technology company.

We're a global team unified in a common purpose: creating advanced technology solutions to the world's water challenges. Developing new technologies that will improve the way water is used, conserved, and re-used in the future is central to our work. Our products and services move, treat, analyze, monitor and return water to the environment, in public utility, industrial, residential and commercial building services settings. Xylem also provides a leading portfolio of smart metering, network technologies and advanced analytics solutions for water, electric and gas utilities. In more than 150 countries, we have strong, long-standing relationships with customers who know us for our powerful combination of leading product brands and applications expertise with a strong focus on developing comprehensive, sustainable solutions.

**For more information on how Xylem can help you, go to www.xylem.com.**

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xylem
Let's Solve Water

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