

BEDU
≡ POMPEN ≡

VERTICAL MULTI-STAGE CLOSE COUPLED PUMPS



MXV-B

made for your process

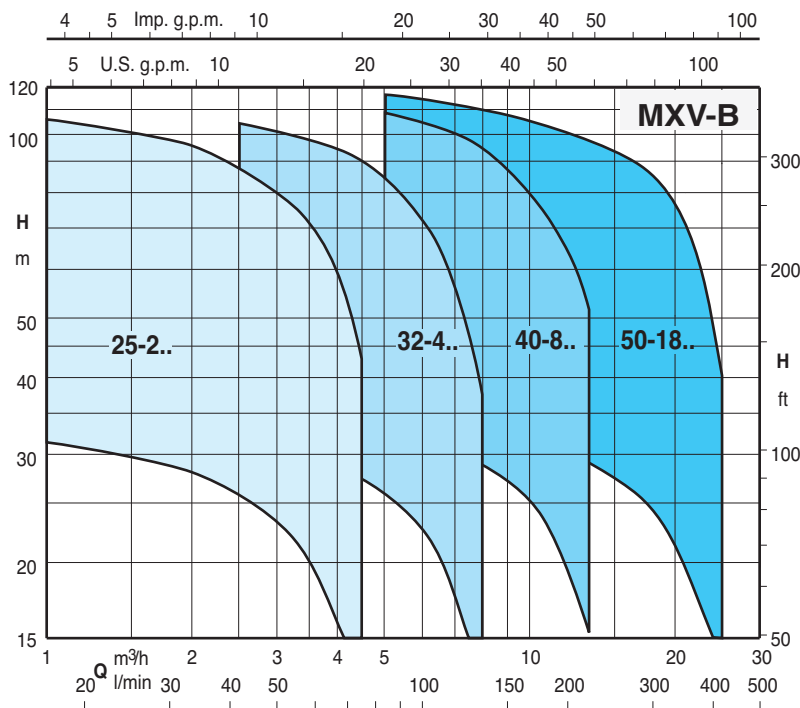
MXV-B

Vertical Multi-Stage Close Coupled Pumps



The electropumps MXV-B 25,32,40.. series comply with the European Regulation no. 547/2012 (MXV-B 50 series cannot be sold in the EU).

Coverage chart $n \approx 2900$ rpm



Construction

Vertical multi-stage close coupled pumps with suction and delivery connections of the same diameter and arranged along the same axis (in-line).

All parts that come into contact with the liquid, including wet-end covers, are in chrome-nickel stainless steel with corrosion-resistant bearing sleeves lubricated by the pumped liquid.

Version with frequency converter (on request)

Applications

For water supply systems.

For clean non-explosive liquids, without solid, filamentary or abrasive matter and non-aggressive for stainless steel (with adaptation of sealing materials on request).

A universal pump for civil and industrial use, for pressure-boosting systems, fire-extinguishing systems, high-pressure washing plants, irrigation, agricultural uses and sport installations.

Operating conditions

Temperature of liquid: from -15 °C to +90 °C.

Operating environment temperature: up to 40 °C.

Maximum permissible pressure in pump casing: 16 bar.

Motor

2-pole induction motor, 50 Hz ($n \approx 2900$ rpm).

MXV-B: three-phase 230/400 V $\pm 10\%$ up to 3 kW;

400/690 V $\pm 10\%$ from 3,7 to 7,5 kW.

MXV-BM: single-phase 230 V $\pm 10\%$, with thermal protector.

Capacitor inside the terminal box.

Insulation class F. Protection IP 54.

Motor suitable for operation with frequency converter from 1,1 kW.

Classification scheme IE3 for three-phase motors from 0,75 kW.

Constructed in accordance with: EN 60034-1, EN 60034-30-1.

EN 60335-1, EN 60335-2-41.

Materials (wetted parts)

| Component | Material |
|----------------------------------|---|
| External jacket | Chrome-nickel steel 1.4301 EN 10088 (AISI 304) |
| Suction casing | |
| Delivery casing | |
| Stage casing | |
| Impeller | |
| Lower cover | |
| Upper cover | |
| Spacer sleeve | Chrome-nickel steel 1.4305 EN 10088 (AISI 303) |
| Pump shaft | |
| Plug | Ceramic alumina/Carbon/EPDM |
| Mechanical seal ISO 3069 - KU | |
| Wear ring | PTFE |
| O-ring | NBR |

Special features on request

- Other voltages.
- Frequency 60 Hz.
- Protection IP 55.
- Special mechanical seal
- Pump casing seal rings in FPM.
- Higher or lower liquid or ambient temperatures.
- Flanges to screw, in chrome-nickel steel.
- Motor suitable for operation with frequency converter up to 0,75 kW.

Designation

Series MXV-B M EI 25 - 205

Single-phase motor (up to 2.2 kW) _____

With frequency converter I-MAT _____

DN ports in mm _____

Rated capacity in m³/h _____

Number of stages _____

MXV-B EI

Vertical Multi-Stage In-Line Pumps

Pumps with frequency converter

The **MXV-B EI** pumps are available with power from 0,75 kW up to 7,5 kW, the pumps are equipped with **I-MAT** installed on board which allows to realize a variable-speed system extremely compact and efficient, ideal in applications of water supply and in the distribution of hot and cold water. The pump is equipped with transducers suitable for operation and is already programmed at the factory.

Advantages

- Energy saving
- Compact design
- Easy to use
- Programmable to suit the system requirements
- Reliability

Costruction

The system comprises of:

- Pump
- Induction motor
- I-MAT Frequency converter
- Motor adapter for the motor mounting of the frequency converter
- Connection cable between frequency converter and induction motor
- Transducers

Main features

- Rated motor power output from 0,75 kW to 7,5 kW
- Control range from 1750 to 2900 rpm (2-pole)
- Protection against dry running
- Protection against operations with closed connection ports
- Protection against system leakages
- Protection against overcurrent in the motor
- Protection against overvoltage and undervoltage of the power supply
- Protection against current unbalances between phases

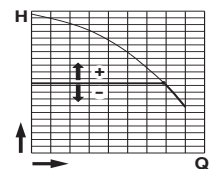


Operating modes



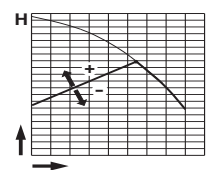
Constant pressure mode with pressure transducer

In this mode, the system maintains the preset pressure when the flow required by the installation changes.



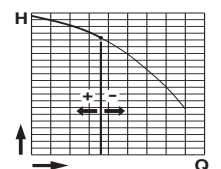
Proportional pressure mode with pressure transducer

In this mode the system changes the working pressure according to the required flow rate.



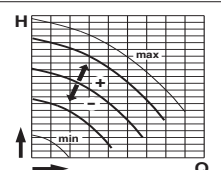
Constant flow mode with flow meter

In this mode the system maintains a constant flow rate value in a point of the installation according to the required pressure.



Fixed speed mode with setting of the speed preferential rotation.

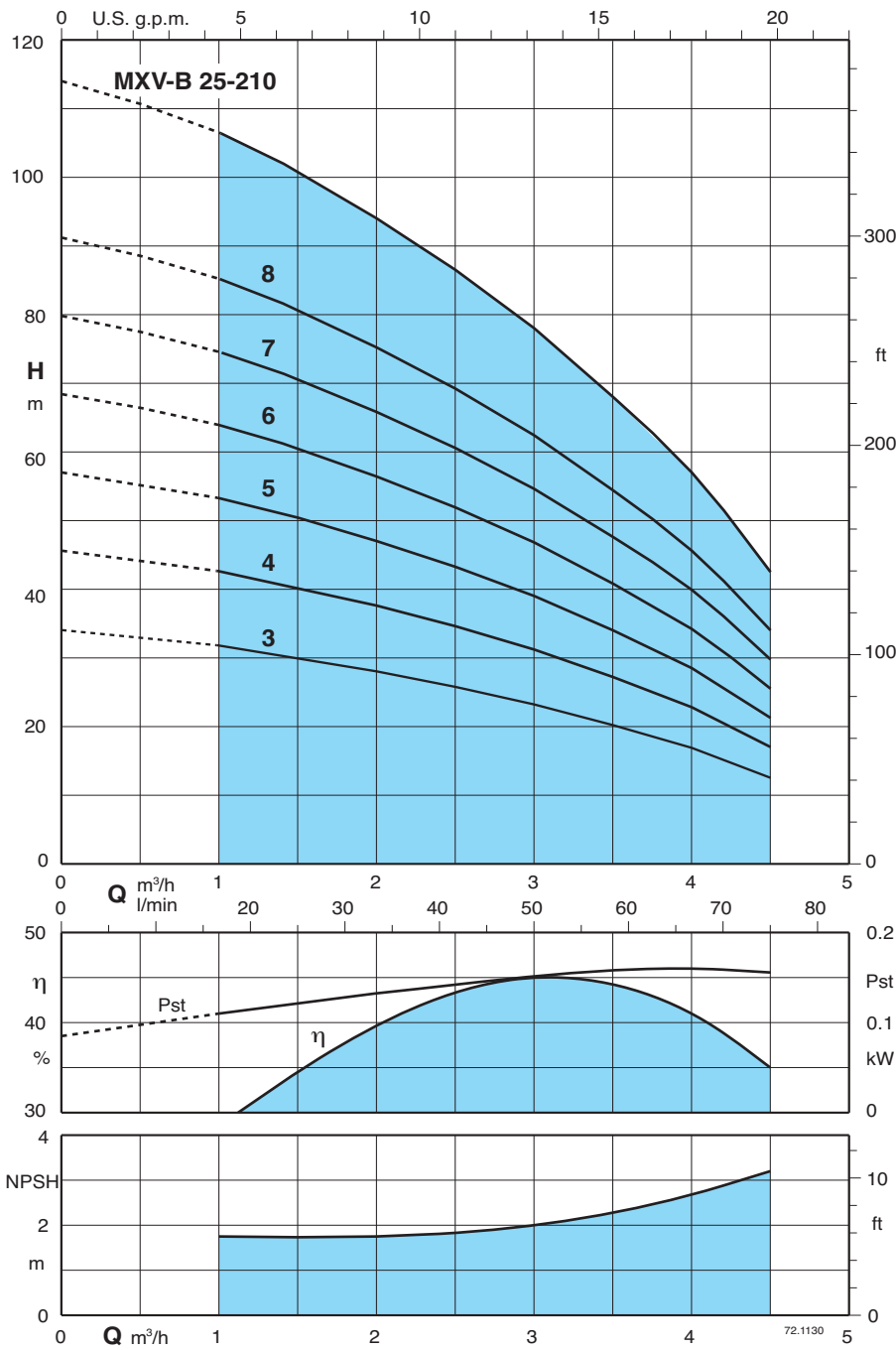
In this mode, by changing the working frequency, you may choose any operational curve included within the working range.



Constant temperature mode with temperature transducer

In this mode the system keeps the temperature constant inside a system by changing the speed of the pump.

Characteristic curves and performance $n \approx 2900$ rpm



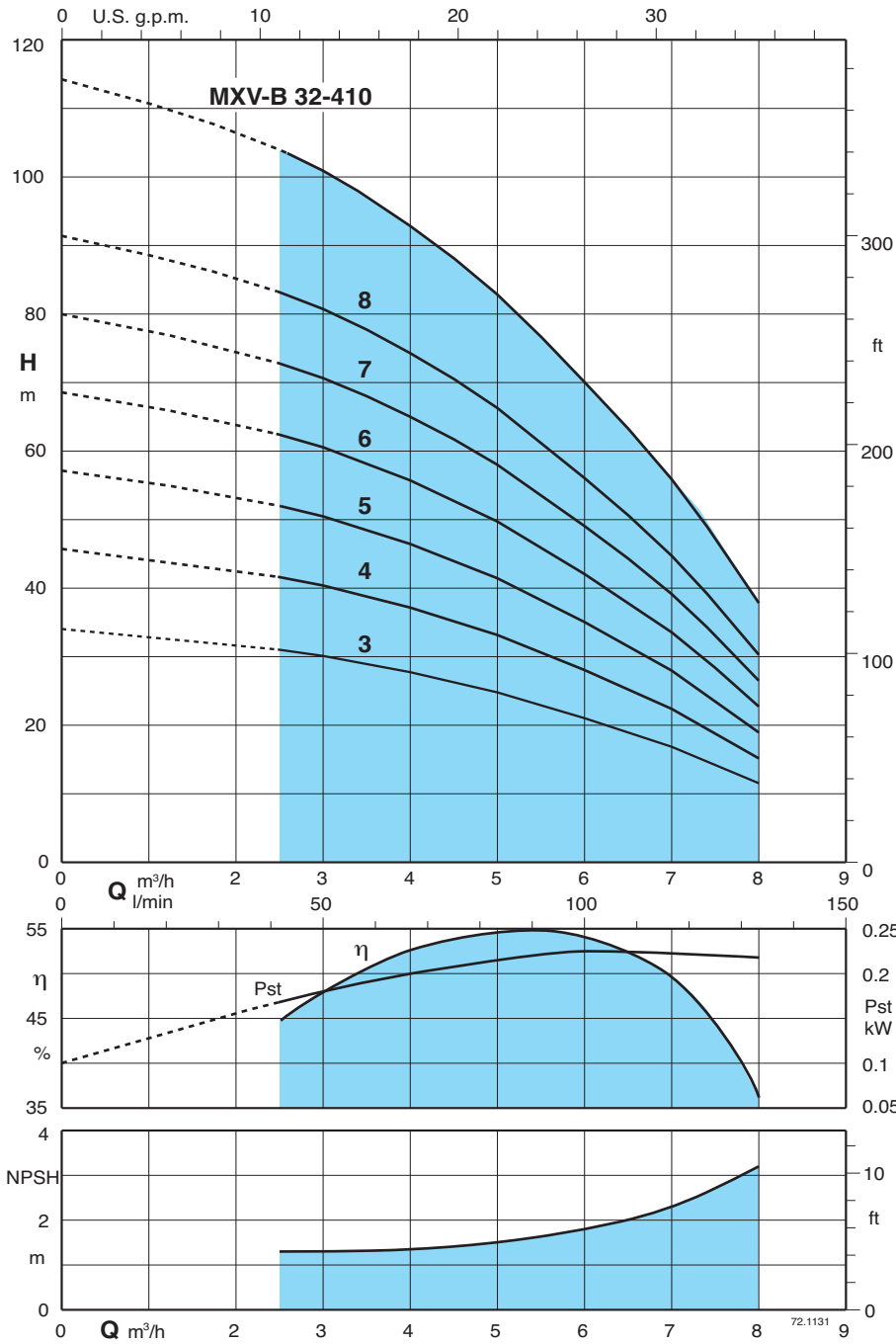
Test results with clean cold water, without gas content.
 A safety margin of + 0.5 m is recommended for the NPSH value.
 Tolerances in accordance with UNI EN ISO 9906:2012

Head and power values valid for liquids with density $\rho = 1,0 \text{ kg/dm}^3$ and kinematic viscosity $\nu = \text{max } 20 \text{ mm}^2/\text{sec}$.

Pst = Power with reference to one stage.
 P1 Max. power input.
 P2 Rated motor power output.

| 3 ~ | 230 V 400 V | | 1 ~ | 230 V P1 | | P2 | | m³/h Q l/min | H | | | | | | | | | |
|----------------|-------------|-----|---------------|----------|-----|------|-----|--------------------|------|------|------|------|------|------|------|------|-----|--|
| | A | A | | A | kW | kW | HP | | 0 | 1 | 1,5 | 2 | 2,5 | 3 | 3,5 | 4 | 4,5 | |
| MXV-B 25-203 | 4 | 2,3 | MXV-BM 25-203 | 5,8 | 1,1 | 0,75 | 1 | 0 | 0 | 16,6 | 25 | 33,3 | 41,6 | 50 | 58,3 | 66,6 | 75 | |
| MXV-B 25-204 | 4 | 2,3 | MXV-BM 25-204 | 5,8 | 1,1 | 0,75 | 1 | 34 | 32 | 30 | 28 | 26 | 23,5 | 20,5 | 17 | 12,5 | | |
| MXV-B 25-205 | 4 | 2,3 | MXV-BM 25-205 | 5,8 | 1,1 | 0,75 | 1 | 44 | 42,5 | 40 | 37,5 | 34,5 | 31 | 27 | 22,5 | 17 | | |
| MXV-B 25-206/A | 4,7 | 2,7 | MXV-BM 25-206 | 7,4 | 1,5 | 1,1 | 1,5 | 56 | 53 | 50 | 47 | 43 | 39 | 34 | 28 | 21 | | |
| MXV-B 25-207/A | 4,7 | 2,7 | MXV-BM 25-207 | 7,4 | 1,6 | 1,1 | 1,5 | 68 | 63,5 | 60,5 | 56 | 51,5 | 46,5 | 40,5 | 34 | 25 | | |
| MXV-B 25-208/A | 7,5 | 4,3 | MXV-BM 25-208 | 9,2 | 2 | 1,5 | 2 | 79,5 | 74 | 70,5 | 65,5 | 60 | 54,5 | 47,5 | 39,5 | 30 | | |
| MXV-B 25-210/A | 7,5 | 4,3 | MXV-BM 25-210 | 9,2 | 2,3 | 1,5 | 2 | 91 | 85 | 80,5 | 75 | 69 | 62 | 54 | 45,5 | 34 | | |
| | | | | | | | | 114 | 106 | 101 | 94 | 86 | 78 | 68 | 57 | 42 | | |

Characteristic curves and performance $n \approx 2900$ rpm



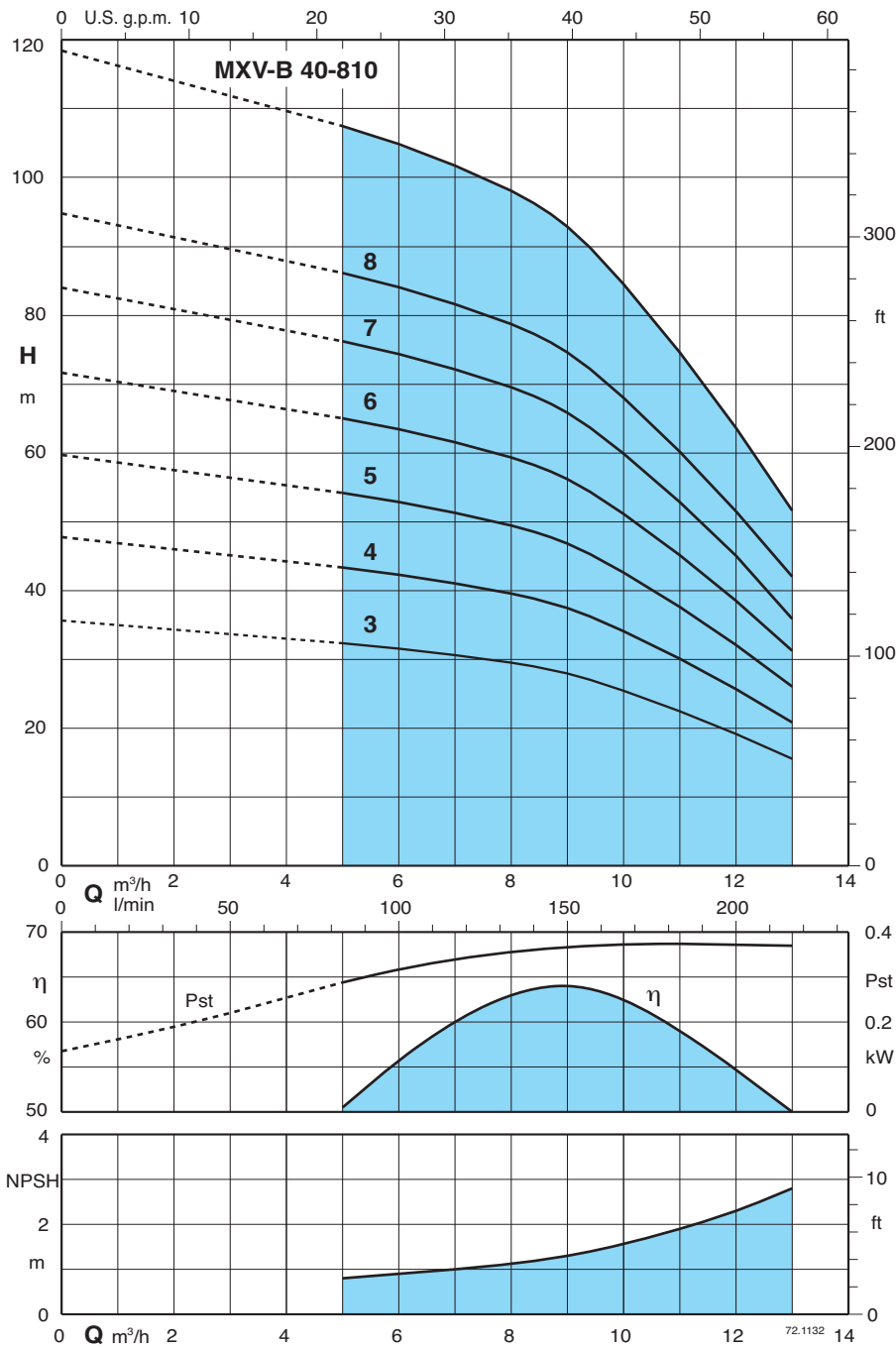
Test results with clean cold water, without gas content.
 A safety margin of + 0.5 m is recommended for the NPSH value.
 Tolerances in accordance with UNI EN ISO 9906:2012

Head and power values valid for liquids with density $\rho = 1,0 \text{ kg/dm}^3$ and kinematic viscosity $\nu = \text{max } 20 \text{ mm}^2/\text{sec}$.

Pst = Power with reference to one stage.
 P1 Max. power input.
 P2 Rated motor power output.

| 3 ~ | 230 V 400 V | | 1 ~ | 230 V P1 | | P2 | | m³/h Q l/min | | | | | | | | | | |
|----------------|-------------|-----|---------------|----------|-----|------|-----|--------------------|------|------|------|------|------|------|------|-------|-------|---|
| | A | A | | A | kW | kW | HP | | 0 | 2,5 | 3 | 3,5 | 4 | 4,5 | 5 | 6 | 7 | 8 |
| MXV-B 32-403 | 4 | 2,3 | MXV-BM 32-403 | 5,8 | 1,1 | 0,75 | 1 | 0 | 41,6 | 50 | 58,3 | 66,6 | 75 | 83,3 | 100 | 116,6 | 133,3 | |
| MXV-B 32-404/A | 4,7 | 2,7 | MXV-BM 32-404 | 7,4 | 1,5 | 1,1 | 1,5 | 34 | 31 | 30,5 | 29 | 28 | 26,5 | 25 | 21 | 17 | 11,5 | |
| MXV-B 32-405/A | 4,7 | 2,7 | MXV-BM 32-405 | 7,4 | 1,6 | 1,1 | 1,5 | 45 | 41,5 | 40 | 38,5 | 36,5 | 34,5 | 32,5 | 27,5 | 22 | 14,5 | |
| MXV-B 32-406/A | 7,5 | 4,3 | MXV-BM 32-406 | 9,2 | 2 | 1,5 | 2 | 56 | 51,5 | 50 | 48 | 46 | 43,5 | 41 | 34,5 | 27,5 | 18,5 | |
| MXV-B 32-407/A | 7,5 | 4,3 | MXV-BM 32-407 | 9,2 | 2,3 | 1,5 | 2 | 68 | 62 | 60 | 58 | 55,5 | 52,5 | 49,5 | 42 | 33,5 | 22,5 | |
| MXV-B 32-408/B | 9,15 | 5,3 | | | | 2,2 | 3 | 79,5 | 72,5 | 70,5 | 68 | 65 | 61,5 | 58 | 49 | 39 | 26,5 | |
| MXV-B 32-410/B | 9,15 | 5,3 | | | | 2,2 | 3 | 91 | 83 | 80,5 | 78 | 74 | 70 | 66 | 56 | 44,5 | 30 | |
| | | | | | | | | 114 | 104 | 101 | 97,5 | 93 | 88 | 83 | 70 | 56 | 38 | |

Characteristic curves and performance $n \approx 2900$ rpm



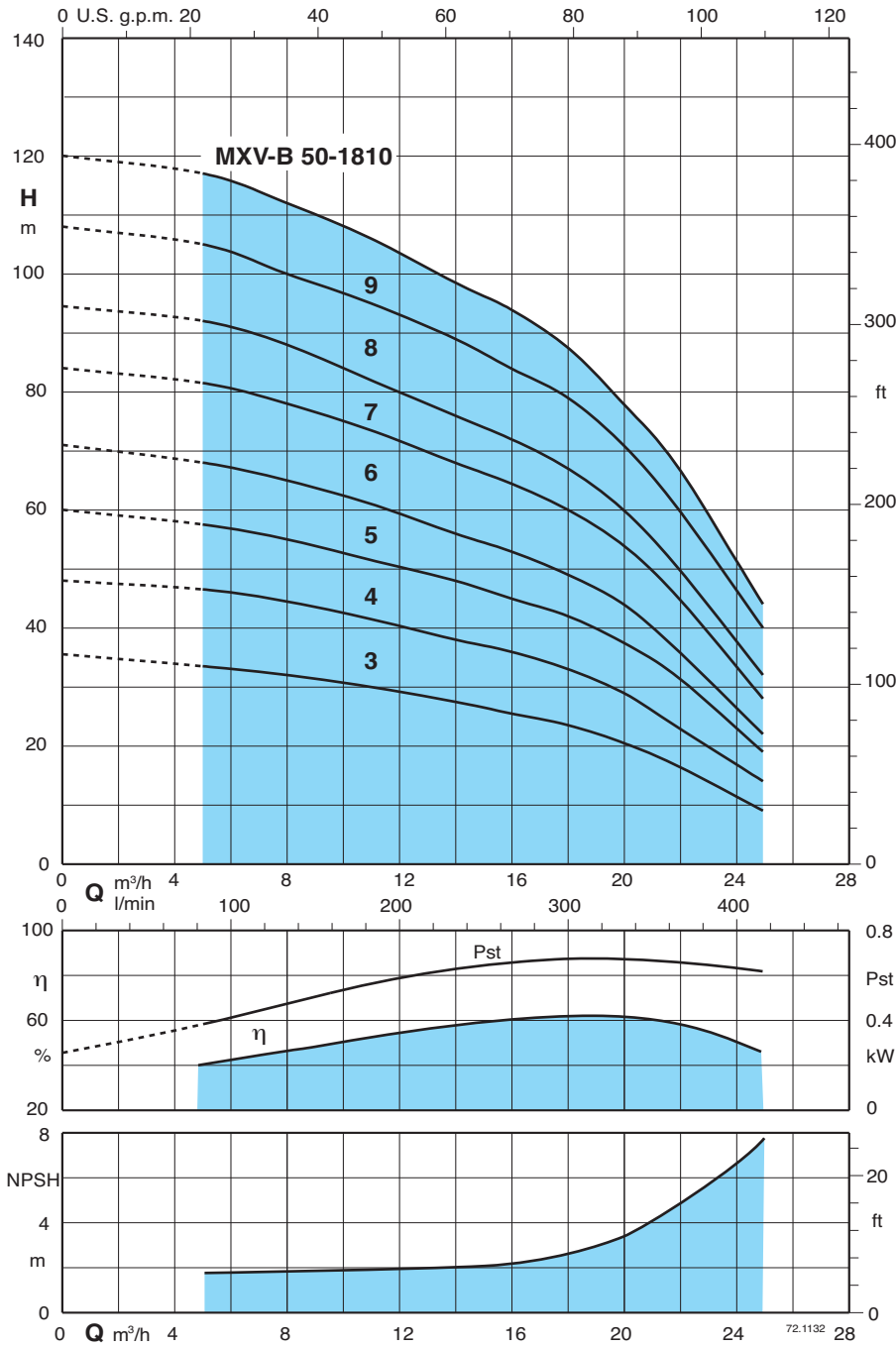
Test results with clean cold water, without gas content.
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 Tolerances in accordance with UNI EN ISO 9906:2012

Head and power values valid for liquids with density $\rho = 1,0 \text{ kg/dm}^3$ and kinematic viscosity $\nu = \text{max } 20 \text{ mm}^2/\text{sec}$.

Pst = Power with reference to one stage.
 P1 Max. power input.
 P2 Rated motor power output.

| 3 ~ | 230 V 400 V | | 1 ~ | 230 V P1 | | P2 | | m³/h Q l/min | H m | | | | | | | | | | | | |
|----------------|-------------|-----|---------------|----------|-----|-----|-----|--------------------|--------|------|-------|-------|-----|-------|-------|------|-------|----|--|--|--|
| | A | A | | A | kW | kW | HP | | 0 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | | | |
| MXV-B 40-803/A | 4,7 | 2,7 | MXV-BM 40-803 | 7,4 | 1,6 | 1,1 | 1,5 | 0 | 83,3 | 100 | 116,6 | 133,3 | 150 | 166,6 | 183,3 | 200 | 216,6 | | | | |
| MXV-B 40-804/A | 7,5 | 4,3 | MXV-BM 40-804 | 9,2 | 2,3 | 1,5 | 2 | 35,5 | 32,5 | 31,5 | 31 | 29,5 | 28 | 25,5 | 22,5 | 19,5 | 15,5 | | | | |
| MXV-B 40-805/B | 9,15 | 5,3 | | | | 2,2 | 3 | 47 | 43 | 42 | 41 | 40 | 37 | 34 | 30 | 26 | 21 | | | | |
| MXV-B 40-806/B | 9,15 | 5,3 | | | | 2,2 | 3 | 59 | 54 | 53 | 51 | 50 | 47 | 43 | 38 | 32 | 26 | | | | |
| MXV-B 40-807/A | 11,5 | 6,6 | | | | 3 | 4 | 71 | 65 | 63 | 62 | 59 | 56 | 51 | 45 | 39 | 31 | | | | |
| MXV-B 40-808/A | 11,5 | 6,6 | | | | 3 | 4 | 83 | 76 | 74 | 72 | 69 | 66 | 60 | 53 | 45 | 36 | | | | |
| MXV-B 40-810/B | | 9,6 | | | | 3,7 | 5 | 95 | 87 | 85 | 82 | 79 | 75 | 69 | 60 | 51 | 42 | | | | |
| | | | | | | | | 119 | 109 | 106 | 103 | 99 | 94 | 86 | 75 | 64 | 52 | | | | |

Characteristic curves and performance $n \approx 2900$ rpm



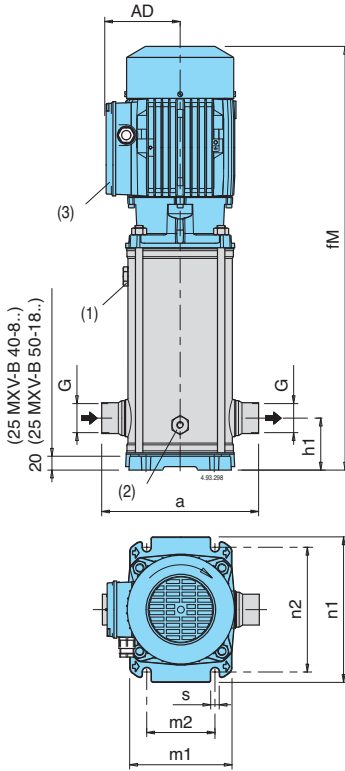
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Head and power values valid for liquids with density $\rho = 1,0 \text{ kg/dm}^3$ and kinematic viscosity $\nu = \text{max } 20 \text{ mm}^2/\text{sec}$.

Pst = Power with reference to one stage.
 P1 Max. power input.
 P2 Rated motor power output.

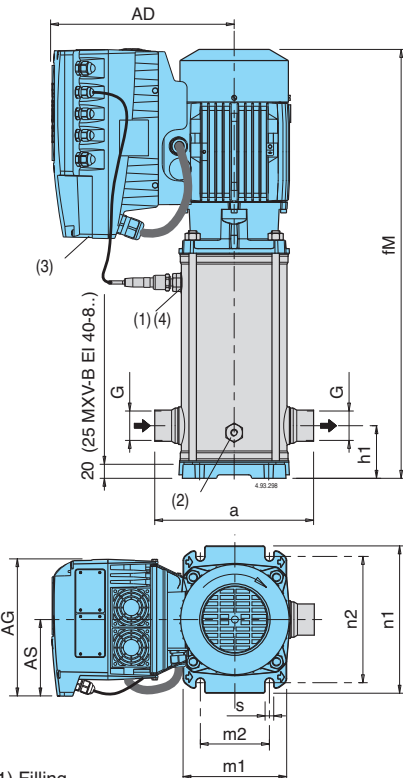
| 3 ~ | 230 V 400 V | | P ₂ | | m ³ /h Q l/min | H m | | | | | | | | | |
|-----------------|-------------|------|----------------|-----|---------------------------------|--------|------|------|------|------|------|------|------|------|----|
| | A | A | kW | HP | | 0 | 5 | 8 | 11 | 14 | 16 | 18 | 20 | 22 | 25 |
| MXV-B 50-1803/B | 9,15 | 5,3 | 2,2 | 3 | 0 | 35,5 | 33,5 | 32 | 30 | 27,5 | 25,5 | 23,5 | 20,5 | 16,5 | 9 |
| MXV-B 50-1804/A | 11,5 | 6,6 | 3 | 4 | 0 | 48 | 46,5 | 44,5 | 41,5 | 38 | 36 | 33 | 29 | 23 | 14 |
| MXV-B 50-1805/B | | 9,6 | 3,7 | 5 | 0 | 60 | 57,5 | 55 | 51,5 | 48 | 45 | 42 | 37,5 | 31,5 | 19 |
| MXV-B 50-1806/B | | 9,6 | 4 | 5,5 | 0 | 71 | 68 | 65 | 61 | 56 | 53 | 49 | 44 | 36 | 22 |
| MXV-B 50-1807/A | | 10,9 | 5,5 | 7,5 | 0 | 84 | 81,5 | 78 | 73,5 | 68 | 64,5 | 60 | 54 | 45 | 28 |
| MXV-B 50-1808/A | | 10,9 | 5,5 | 7,5 | 0 | 94,5 | 92 | 88 | 82 | 76 | 72 | 68 | 60 | 50 | 32 |
| MXV-B 50-1809/A | | 14,3 | 7,5 | 10 | 0 | 108 | 105 | 100 | 95 | 89 | 84 | 79 | 71 | 60 | 40 |
| MXV-B 50-1810/A | | 14,3 | 7,5 | 10 | 0 | 120 | 117 | 112 | 106 | 98 | 94 | 88 | 78 | 67 | 44 |

Dimensions and weights



- (1) Filling
- (2) Draining
- (3) Standard position of terminal box
(for other positions rotate motor through 90° or 180°)

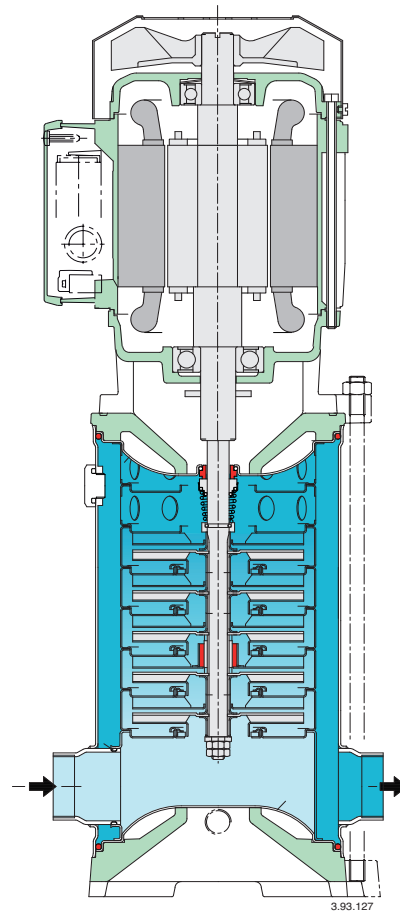
| Pump | Motor P ₂ | | ISO 228 | | mm | | | | | | | | Net weight | |
|-------------------|----------------------|-----|---------|-----|----|-----|-----|-----|-----|-----|-----|------|------------|-----------|
| | kW | HP | G | a | h1 | fM | AD | n1 | n2 | m1 | m2 | s | MXV-B kg | MXV-BM kg |
| MXV-B(M) 25-203 | 0,75 | 1 | G 1 | 215 | 75 | 564 | 128 | 210 | 180 | 150 | 100 | 12,5 | 23 | 24 |
| MXV-B(M) 25-204 | 0,75 | 1 | G 1 | 215 | 75 | 565 | 128 | 210 | 180 | 150 | 100 | 12,5 | 23,5 | 24,5 |
| MXV-B(M) 25-205 | 0,75 | 1 | G 1 | 215 | 75 | 588 | 128 | 210 | 180 | 150 | 100 | 12,5 | 24,5 | 25,5 |
| MXV-B(M) 25-206/A | 1,1 | 1,5 | G 1 | 215 | 75 | 612 | 128 | 210 | 180 | 150 | 100 | 12,5 | 26 | 27 |
| MXV-B(M) 25-207/A | 1,1 | 1,5 | G 1 | 215 | 75 | 636 | 128 | 210 | 180 | 150 | 100 | 12,5 | 27 | 28 |
| MXV-B(M) 25-208/A | 1,5 | 2 | G 1 | 215 | 75 | 660 | 128 | 210 | 180 | 150 | 100 | 12,5 | 30 | 31 |
| MXV-B(M) 25-210/A | 1,5 | 2 | G 1 | 215 | 75 | 708 | 128 | 210 | 180 | 150 | 100 | 12,5 | 31 | 32 |
| MXV-B(M) 32-403 | 0,75 | 1 | G 1 1/4 | 215 | 75 | 564 | 128 | 210 | 180 | 150 | 100 | 12,5 | 24 | 25 |
| MXV-B(M) 32-404/A | 1,1 | 1,5 | G 1 1/4 | 215 | 75 | 565 | 128 | 210 | 180 | 150 | 100 | 12,5 | 25 | 26 |
| MXV-B(M) 32-405/A | 1,1 | 1,5 | G 1 1/4 | 215 | 75 | 588 | 128 | 210 | 180 | 150 | 100 | 12,5 | 26 | 27 |
| MXV-B(M) 32-406/A | 1,5 | 2 | G 1 1/4 | 215 | 75 | 612 | 128 | 210 | 180 | 150 | 100 | 12,5 | 28 | 29 |
| MXV-B(M) 32-407/A | 1,5 | 2 | G 1 1/4 | 215 | 75 | 636 | 128 | 210 | 180 | 150 | 100 | 12,5 | 29 | 30 |
| MXV-B 32-408/B | 2,2 | 3 | G 1 1/4 | 215 | 75 | 700 | 128 | 210 | 180 | 150 | 100 | 12,5 | 34 | - |
| MXV-B 32-410/B | 2,2 | 3 | G 1 1/4 | 215 | 75 | 748 | 128 | 210 | 180 | 150 | 100 | 12,5 | 35 | - |
| MXV-B(M) 40-803/A | 1,1 | 1,5 | G 1 1/2 | 225 | 80 | 593 | 128 | 246 | 215 | 190 | 130 | 14 | 27 | 28 |
| MXV-B(M) 40-804/A | 1,5 | 2 | G 1 1/2 | 225 | 80 | 593 | 128 | 246 | 215 | 190 | 130 | 14 | 28 | 29 |
| MXV-B 40-805/B | 2,2 | 3 | G 1 1/2 | 225 | 80 | 663 | 128 | 246 | 215 | 190 | 130 | 14 | 33 | - |
| MXV-B 40-806/B | 2,2 | 3 | G 1 1/2 | 225 | 80 | 693 | 128 | 246 | 215 | 190 | 130 | 14 | 34 | - |
| MXV-B 40-807/A | 3 | 4 | G 1 1/2 | 225 | 80 | 746 | 138 | 246 | 215 | 190 | 130 | 14 | 45 | - |
| MXV-B 40-808/A | 3 | 4 | G 1 1/2 | 225 | 80 | 776 | 138 | 246 | 215 | 190 | 130 | 14 | 49 | - |
| MXV-B 40-810/B | 3,7 | 5 | G 1 1/2 | 225 | 80 | 953 | 138 | 246 | 215 | 190 | 130 | 14 | 49 | - |
| MXV-B 50-1803/B | 2,2 | 3 | G 2 | 250 | 90 | 635 | 128 | 246 | 215 | 190 | 130 | 14 | 34 | - |
| MXV-B 50-1804/A | 3 | 4 | G 2 | 250 | 90 | 701 | 138 | 246 | 215 | 190 | 130 | 14 | 44 | - |
| MXV-B 50-1805/B | 3,7 | 5 | G 2 | 250 | 90 | 738 | 138 | 246 | 215 | 190 | 130 | 14 | 46,5 | - |
| MXV-B 50-1806/B | 4 | 5,5 | G 2 | 250 | 90 | 776 | 138 | 246 | 215 | 190 | 130 | 14 | 47,5 | - |
| MXV-B 50-1807/A | 5,5 | 7,5 | G 2 | 250 | 90 | 841 | 160 | 246 | 215 | 190 | 130 | 14 | 59 | - |
| MXV-B 50-1808/A | 5,5 | 7,5 | G 2 | 250 | 90 | 878 | 160 | 246 | 215 | 190 | 130 | 14 | 60 | - |
| MXV-B 50-1809/A | 7,5 | 10 | G 2 | 250 | 90 | 916 | 160 | 246 | 215 | 190 | 130 | 14 | 67 | - |
| MXV-B 50-1810/A | 7,5 | 10 | G 2 | 250 | 90 | 953 | 160 | 246 | 215 | 190 | 130 | 14 | 68 | - |



- (1) Filling
- (2) Draining
- (3) Standard position of I-MAT
(for other positions rotate motor through 90° or 180°)
- (4) Pressure transducer

| Pump | Motor P ₂ | | ISO 228 | | mm | | | | | | | | | | Net weight |
|--------------------|----------------------|-----|---------|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|------|------------|
| | kW | HP | G | a | h1 | fM | AD | AG | AS | n1 | n2 | m1 | m2 | s | kg |
| MXV-B EI 25-203 | 0,75 | 1 | G 1 | 215 | 75 | 564 | 286 | 190 | 105 | 210 | 180 | 150 | 100 | 12,5 | 29,4 |
| MXV-B EI 25-204 | 0,75 | 1 | G 1 | 215 | 75 | 565 | 286 | 190 | 105 | 210 | 180 | 150 | 100 | 12,5 | 29,9 |
| MXV-B EI 25-205 | 0,75 | 1 | G 1 | 215 | 75 | 588 | 286 | 190 | 105 | 210 | 180 | 150 | 100 | 12,5 | 30,9 |
| MXV-B EI 25-206/A | 1,1 | 1,5 | G 1 | 215 | 75 | 612 | 286 | 190 | 105 | 210 | 180 | 150 | 100 | 12,5 | 32,4 |
| MXV-B EI 25-207/A | 1,1 | 1,5 | G 1 | 215 | 75 | 636 | 286 | 190 | 105 | 210 | 180 | 150 | 100 | 12,5 | 33,4 |
| MXV-B EI 25-208/A | 1,5 | 2 | G 1 | 215 | 75 | 660 | 286 | 190 | 105 | 210 | 180 | 150 | 100 | 12,5 | 36,4 |
| MXV-B EI 25-210/A | 1,5 | 2 | G 1 | 215 | 75 | 708 | 286 | 190 | 105 | 210 | 180 | 150 | 100 | 12,5 | 37,4 |
| MXV-B EI 32-403 | 0,75 | 1 | G 1 1/4 | 215 | 75 | 564 | 286 | 190 | 105 | 210 | 180 | 150 | 100 | 12,5 | 30,4 |
| MXV-B EI 32-404/A | 1,1 | 1,5 | G 1 1/4 | 215 | 75 | 565 | 286 | 190 | 105 | 210 | 180 | 150 | 100 | 12,5 | 31,4 |
| MXV-B EI 32-405/A | 1,1 | 1,5 | G 1 1/4 | 215 | 75 | 588 | 286 | 190 | 105 | 210 | 180 | 150 | 100 | 12,5 | 32,4 |
| MXV-B EI 32-406/A | 1,5 | 2 | G 1 1/4 | 215 | 75 | 612 | 286 | 190 | 105 | 210 | 180 | 150 | 100 | 12,5 | 34,4 |
| MXV-B EI 32-407/A | 1,5 | 2 | G 1 1/4 | 215 | 75 | 636 | 286 | 190 | 105 | 210 | 180 | 150 | 100 | 12,5 | 35,4 |
| MXV-B EI 32-408/B | 2,2 | 3 | G 1 1/4 | 215 | 75 | 700 | 286 | 210 | 118 | 210 | 180 | 150 | 100 | 12,5 | 41,5 |
| MXV-B EI 32-410/B | 2,2 | 3 | G 1 1/4 | 215 | 75 | 748 | 286 | 210 | 118 | 210 | 180 | 150 | 100 | 12,5 | 42,5 |
| MXV-B EI 40-803/A | 1,1 | 1,5 | G 1 1/2 | 225 | 80 | 593 | 286 | 190 | 105 | 246 | 215 | 190 | 130 | 14 | 33,4 |
| MXV-B EI 40-804/A | 1,5 | 2 | G 1 1/2 | 225 | 80 | 593 | 286 | 190 | 105 | 246 | 215 | 190 | 130 | 14 | 34,4 |
| MXV-B EI 40-805/B | 2,2 | 3 | G 1 1/2 | 225 | 80 | 663 | 286 | 190 | 105 | 246 | 215 | 190 | 130 | 14 | 40,5 |
| MXV-B EI 40-806/B | 2,2 | 3 | G 1 1/2 | 225 | 80 | 693 | 286 | 190 | 105 | 246 | 215 | 190 | 130 | 14 | 41,5 |
| MXV-B EI 40-807/A | 3 | 4 | G 1 1/2 | 225 | 80 | 746 | 294 | 210 | 118 | 246 | 215 | 190 | 130 | 14 | 52,5 |
| MXV-B EI 40-808/A | 3 | 4 | G 1 1/2 | 225 | 80 | 776 | 294 | 210 | 118 | 246 | 215 | 190 | 130 | 14 | 56,5 |
| MXV-B EI 40-810/B | 3,7 | 5 | G 1 1/2 | 225 | 80 | 953 | 294 | 210 | 118 | 246 | 215 | 190 | 130 | 14 | 56,5 |
| MXV-B EI 50-1803/B | 2,2 | 3 | G 2 | 250 | 90 | 635 | 286 | 210 | 118 | 246 | 215 | 190 | 130 | 14 | 41,5 |
| MXV-B EI 50-1804/A | 3 | 4 | G 2 | 250 | 90 | 701 | 294 | 210 | 118 | 246 | 215 | 190 | 130 | 14 | 51,5 |
| MXV-B EI 50-1805/B | 3,7 | 5 | G 2 | 250 | 90 | 738 | 294 | 210 | 118 | 246 | 215 | 190 | 130 | 14 | 54,0 |
| MXV-B EI 50-1806/B | 4 | 5,5 | G 2 | 250 | 90 | 776 | 294 | 210 | 118 | 246 | 215 | 190 | 130 | 14 | 55,0 |
| MXV-B EI 50-1807/A | 5,5 | 7,5 | G 2 | 250 | 90 | 841 | 368 | 281 | 153 | 246 | 215 | 190 | 130 | 14 | 73,8 |
| MXV-B EI 50-1808/A | 5,5 | 7,5 | G 2 | 250 | 90 | 878 | 368 | 281 | 153 | 246 | 215 | 190 | 130 | 14 | 74,8 |
| MXV-B EI 50-1809/A | 7,5 | 10 | G 2 | 250 | 90 | 916 | 368 | 281 | 153 | 246 | 215 | 190 | 130 | 14 | 81,8 |
| MXV-B EI 50-1810/A | 7,5 | 10 | G 2 | 250 | 90 | 953 | 368 | 281 | 153 | 246 | 215 | 190 | 130 | 14 | 82,8 |

Features



Wider Range of Application

All parts that come into contact with the liquid, including wet-end covers, are in chrome-nickel stainless steel.

With corrosion-resistant seal rings and guide ring.

Low Cost Installation

Vertical construction with reduced pump height for installation in small spaces.

In-line connections to simplify the piping layout with the possibility of inserting the pump in straight pipe-lines.

Disassembly, inspection or cleaning of internal parts without removal of piping.

Robust and Reliable

The suction and discharge nozzles arranged in-line absorb the forces of the piping on the pump without the creation of distorting loads causing local friction and early wears.

The lantern brackets compact and robust design maintains a sure alignment between rotating and fixed parts, reducing vibration.

The upper cover design prevents entrapment of air around the mechanical seal.

Low-Noise Operation

The water filled shroud around the stages and thick external walls, work together for low-noise operation.

The logo consists of the word "BEDU" in a large, bold, white sans-serif font, with "POMPEN" in a smaller, white sans-serif font below it. The text is centered within a dark teal square, which is itself centered within a white square border.

BEDU
POMPEN

made for your process

- Expert advice
- A customer-oriented organization that adapts to the requirements and wishes of your organization
- Innovative and customized solutions
- Breakdownservice, 24 hours a day, 7 days a week
- Technical service with extensive test facilities, working from our own workplace or at your location
- A fast and appropriate solution for all your issues
- Wide range of liquid pumps
- Repair, maintenance and revision

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