



### Construction

Horizontal multi-stage close coupled pump. Single-piece barrel casing in chrome-nickel stainless steel, with front suction port above pumps axis and radial delivery at top. Stages in Noryl.

### Applications

For water supply.  
For domestic use, for garden use and irrigation.

### Operating conditions

Liquid temperature: 0 °C to +50 °C.  
Ambient temperature up to +40 °C.  
Maximum permissible pressure in the pump casing: 8 bar.  
Continuous duty.

### Motor

2-pole induction motor, 50 Hz ( $n \approx 2800$  rpm).  
**MXP:** three-phase 230/400 V  $\pm 10\%$ .  
**MXPM:** single-phase 230 V  $\pm 10\%$ , with thermal protector. Capacitor inside the terminal box.  
 Insulation class F.  
 Protection IP 54.  
**Classification scheme IE2 for three-phase motors from 0,75 kW.**  
 Constructed in accordance with: EN 60034-1; EN 60034-30.  
 EN 60335-1, EN 60335-2-41.

### Special features on request

- Other voltages.
- Frequency 60 Hz (as per 60 Hz data sheet).
- Motor suitable for operation with frequency converter.

### Materials

Component	Material
Pump casing	Cr-Ni steel 1.4301 EN 10088 (AISI 304)
Casing cover	Cr-Ni steel 1.4301 EN 10088 (AISI 304)
Pump Shaft	Chrome steel 1.4104 EN 10088 (AISI 430)
Plug	Cr-Ni steel 1.4305 EN 10088 (AISI 303)
Stage casing	PPO-GF20 (Noryl)
Impeller	PPO-GF20 (Noryl)
Mechanical seal	Carbon - Ceramic - NBR

### Characteristic curves $n \approx 2800$ rpm



