

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.

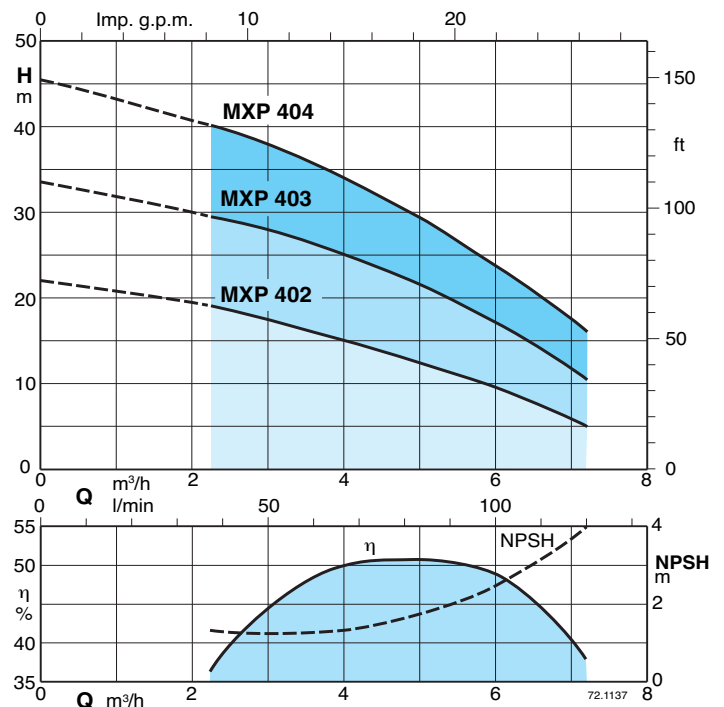
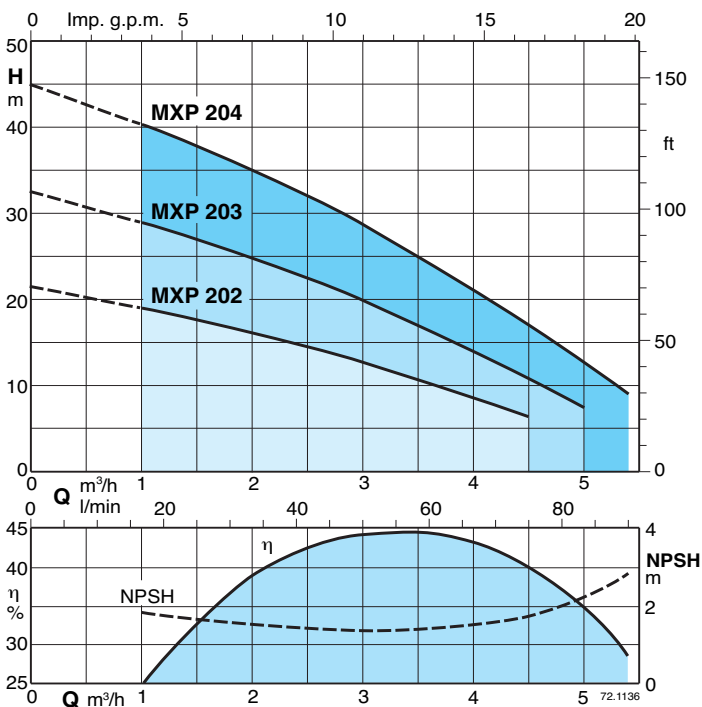
Materials

| 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 |

Motor

2-pole induction motor, 50 Hz (n = 2800 rpm).
MXP: three-phase 230/400 V ± 10%.
MXPM: single-phase 230 V ± 10%, with thermal protector.
Capacitor inside the terminal box.
Insulation class F.
Protection IP 54.
Constructed in accordance with: EN 60335-2-41.

Characteristic curves n ≈ 2800 rpm



Features

Extra safety

against running dry, with the suction port above pump axis.

Robust

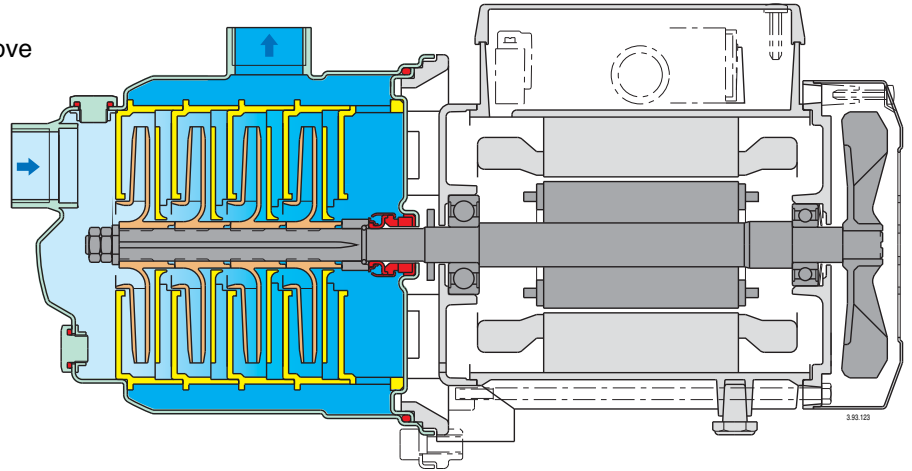
Single-piece barrel casing.

Compact

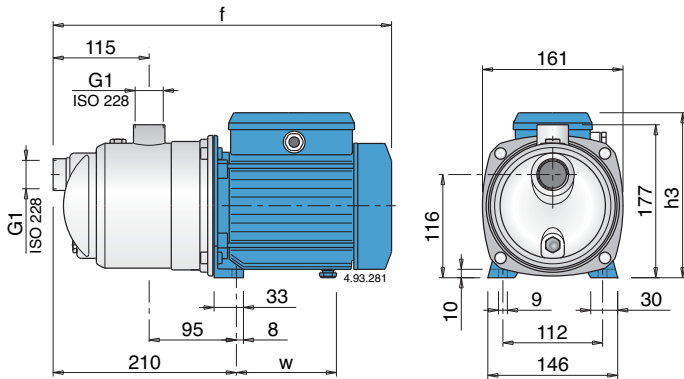
Single-piece lantern bracket and base.

Low noise

with the water-filled shroud around the stages.



Dimensions and weights



| TYPE | mm | | | kg | |
|---------------------------|-----|-----|-----|-----|------|
| | f | h3 | w | MXP | MXPM |
| MXP 202 - MXPM 202 | 362 | 176 | 102 | 5,9 | 6 |
| MXP 203 - MXPM 203 | 362 | 176 | 102 | 6,6 | 6,7 |
| MXP 204 - MXPM 204 | 391 | 188 | 112 | 8,7 | 9,6 |
| MXP 402 - MXPM 402 | 362 | 176 | 102 | 6,5 | 6,6 |
| MXP 403 - MXPM 403 | 391 | 188 | 112 | 8,6 | 9,5 |
| MXP 404 - MXPM 404 | 391 | 188 | 112 | 9,5 | 10,5 |