



Limits of use

- Liquid temperature: $-10^{\circ}\text{C} \sim +60^{\circ}\text{C}$.
- Power: single-phase 220V/50Hz.
- Max. working pressure:
MCP100-2/130-2/132/150/158-3 6bar MCP170 10bar

Features

- Build-in check valve, this pump can be used without charging water again after first water injection.
- This pump can be easily installed through its flanges with screw thread connection with the pipe.
- End-user can easily clean the pump casing through disassembling the impeller cover to prevent the impeller from jam.
- Built-in thermal protector to prevent motor from overheating.
- Build with the pressure switch and tank to control the pump automatically.
- Build with the base support to assure the pump be easily installed and stable operation.

Guarantee

- 2 years subject to terms and conditions.

Application

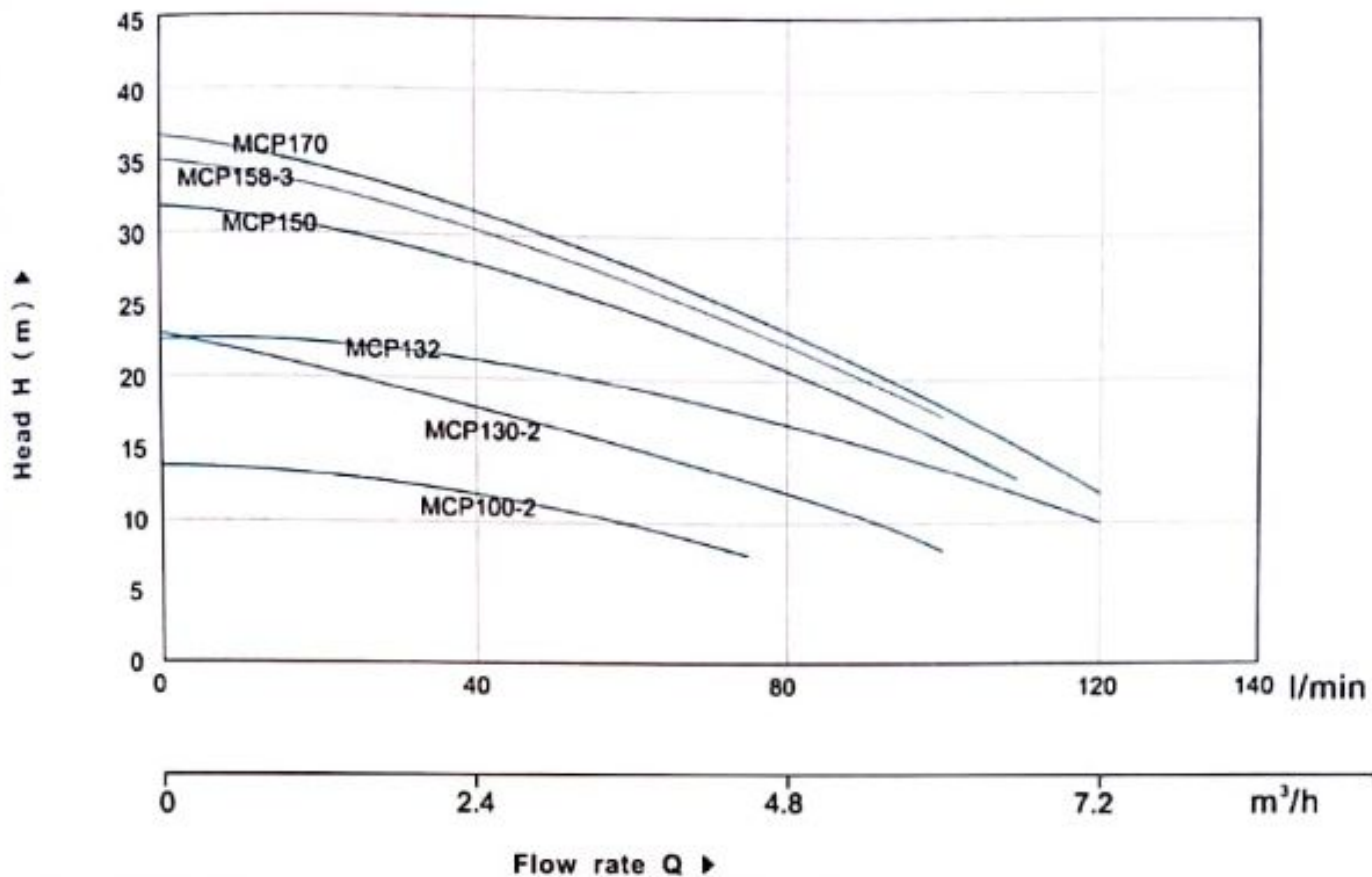
- Be used to delivery the clean water without the abrasive particles.
- Be used to clean or cool the machine tools with high pressure.
- Be used to pump the water for the industrial or house use from the well or tank.
- Be used to boost the water in pressurization system.

Components & Materials

- Pump body: Cast iron (electrophoretic paint with brass insert).
- Impeller cover: Brass/Cast iron.
- Mechanical seal: Graphite-Ceramic-NBR.
- Bearing: Z4 class.
- Shaft: Stainless steel.

CHARACTERISTIC CURVES AND PERFORMANCE DATA

50 Hz n=2850 rpm Hs=0 m



| Model | | Power | | Q | m³/h | 0 | 0.6 | 1.2 | 1.8 | 2.4 | 3.0 | 3.6 | 4.2 | 4.8 | 5.4 | 6.0 | 6.6 | 7.2 |
|--------------|-------------|-------|------|--------|------|------|------|------|------|-----|-----|------|-----|-----|-----|-----|-----|-----|
| Single-phase | Three-phase | KW | HP | | | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 110 | 120 |
| MCP100-2 | MC100-2 | 0.25 | 0.33 | H m | 14 | 13.5 | 13 | 12.5 | 12 | 11 | 10 | 9 | | | | | | |
| MCP130-2 | MC130-2 | 0.37 | 0.5 | | 23 | 22 | 20.5 | 19 | 18 | 17 | 15 | 14 | 11 | 10 | 8 | | | |
| MCP132 | MC132 | 0.55 | 0.75 | | 23 | 22.5 | 22 | 21.5 | 21 | 20 | 19 | 18 | 17 | 16 | 14 | 12 | 9 | |
| MCP150 | MC150 | 0.75 | 1 | | 32 | 31 | 30 | 29 | 28 | 27 | 25 | 23 | 20 | 18 | 16 | 13 | | |
| MCP158-3 | MC158-3 | 0.75 | 1 | | 36 | 34 | 32.5 | 31 | 29.5 | 28 | 27 | 25.5 | 23 | 22 | 15 | | | |
| MCP170 | MC170 | 1.1 | 1.5 | | 38 | 36 | 34 | 32 | 30 | 29 | 28 | 26 | 24 | 23 | 18 | 15 | 11 | |