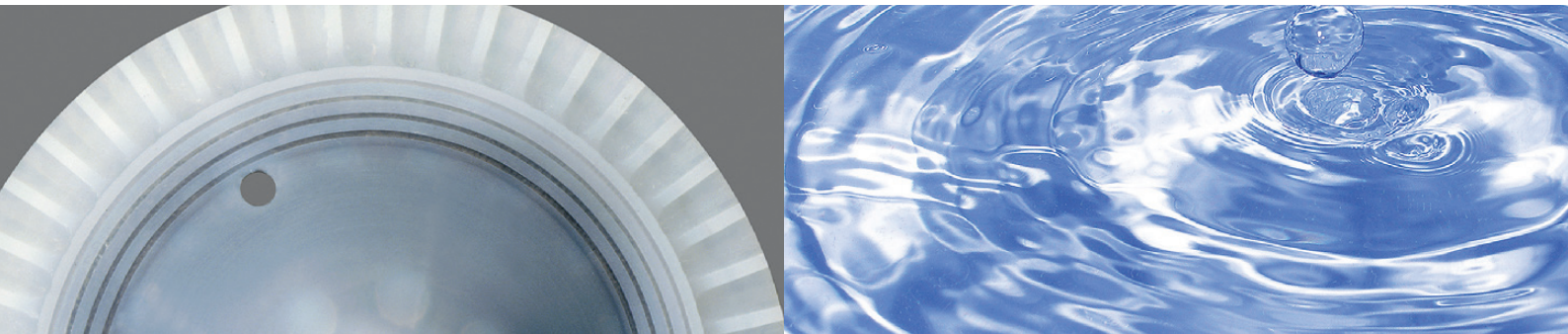


MSKPP

Solid PTFE Magnetic Drive Chemical Process Peripheral Pump



With its sealless design, the MSKPP magnetic drive pump is ideal to meet the stringent requirements of chemical processing and a multitude of other industries. This highly advanced and extremely energy efficient pump is built to handle corrosive fluids reliably and absolutely safely, especially in applications requiring resistance to permeation.

The pump casing is constructed of thick vacuum-, corrosion- and permeation-resistant solid plastic. Use of carbon filled PTFE prevents electrostatic charging on the casing. Alternatively, the pump is also available in virgin PTFE or PVDF.

Made of pure SSiC (sintered silicon carbide) in a robust design engineered for ceramics, the bearing assembly ensures highly reliable operation. Plain and thrust bearings are secured with polygonal form-fit, self-centring anti-rotation devices.

The MSKPP features a peripheral impeller with a metal core. This type of impeller allows the pump to deliver high heads at low flow rates, making it perfect for dosing and injection applications.

A comprehensive array of options is available for the MSKPP and can be combined to meet individual needs.

Configurations

Close-coupled, bearing-frame

Mounts

- Baseplate

Casing materials

- PTFE carbon-filled
- PTFE virgin
- PVDF

Pump protection

- Containment shell leakage monitoring
- Pt100 temperature probe
- Engine load sensor

Industries, processes and fluids

Learn more about typical applications:





Technical data

Capacities (min./max.)	0.1 to 8 m ³ /h 0.4 to 35.22 gpm
Heads (min./max.)	2 to 160 m 6.56 to 524.93 ft
Temperatures (min./max.)	-20 to +100°C -4 to +212°F
Kinematic viscosities	0.5 to 350 mm ² /s cSt
Solids handling	0%

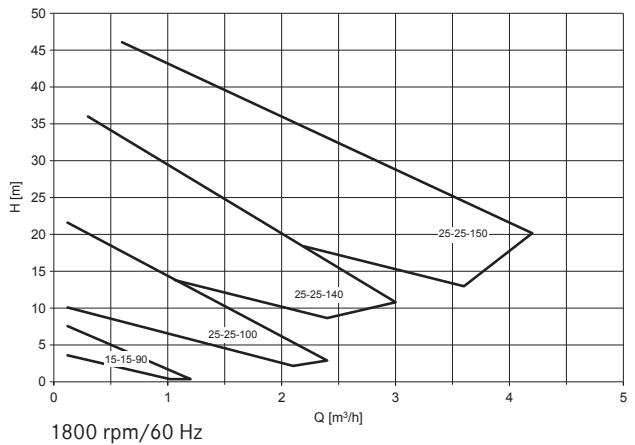
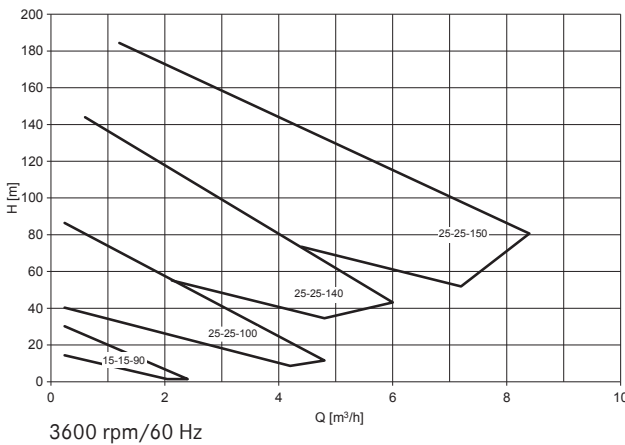
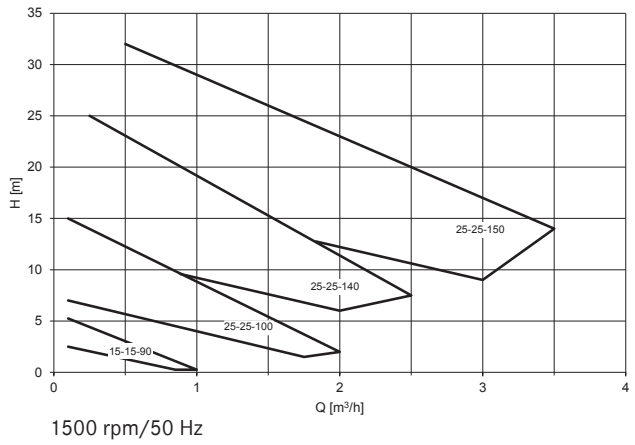
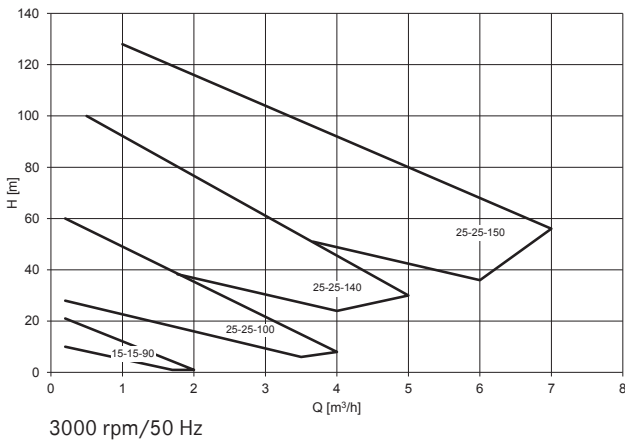
Directives and standards

EC Machinery Directive

EC ATEX Directive

DIN EN ISO 5199

DIN EN ISO 15783



Find your local CP distributor on www.cp-pumps.com or contact CP directly:
+41 62 746 85 85/info@cp-pumps.com

