

MPC

Compact Pool

Self-Priming Swimming Pool Pumps



Construction

Self-priming swimming pool pumps with built-in strainer and motor insulated from pumped water.

The pump is made with high quality plastic materials, corrosion and sand erosion resistant.

With stainless steel diffuser.

Base-plate kit.

Applications

- For water circulation in swimming pool filtration systems.
- For clean or slightly dirty water with solids in suspension.

Operating conditions

Water temperature up to 60 °C.

Ambient temperature up to 40 °C.

Maximum permissible pressure in the pump casing 2,5 bar.

Continuous duty.

Motor

2-pole induction motor, 50 Hz ($n \approx 2800$ rpm).

MPC: three-phase 230/400 V $\pm 10\%$.

MPCM: single-phase 230 V $\pm 10\%$, with thermal protector.
Capacitor inside the terminal box.

Insulation class F.

Protection IP X4.

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.

Materiali

Component	Material
Pump casing	Glass reinforced
Diffuser cover	thermoplastic
Impeller	PPO-GF30, NORYL
Strainer cover	Transparent polycarbonate, LEXAN
Strainer basket	Polypropylene
Diffuser funnel and wear-ring	Cr-Ni-Mo steel AISI 316
Mechanical seal	Ceramic alumina, Carbon, FPM

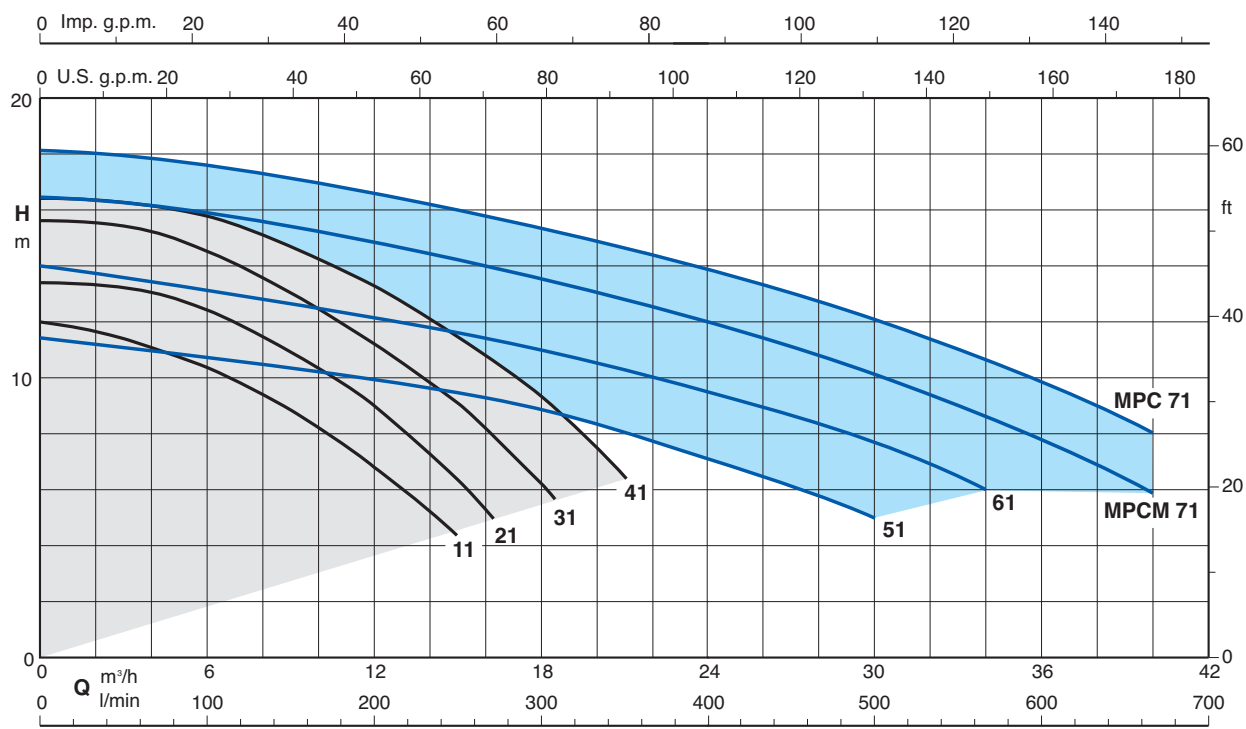
Special features on request

- Other voltages.
- Frequency 60 Hz (as per 60 Hz data sheet).

Certification marks for MPCM, up to 1,5 kW:



Coverage chart $n \approx 2800$ rpm



Features

