

Pump series IMO

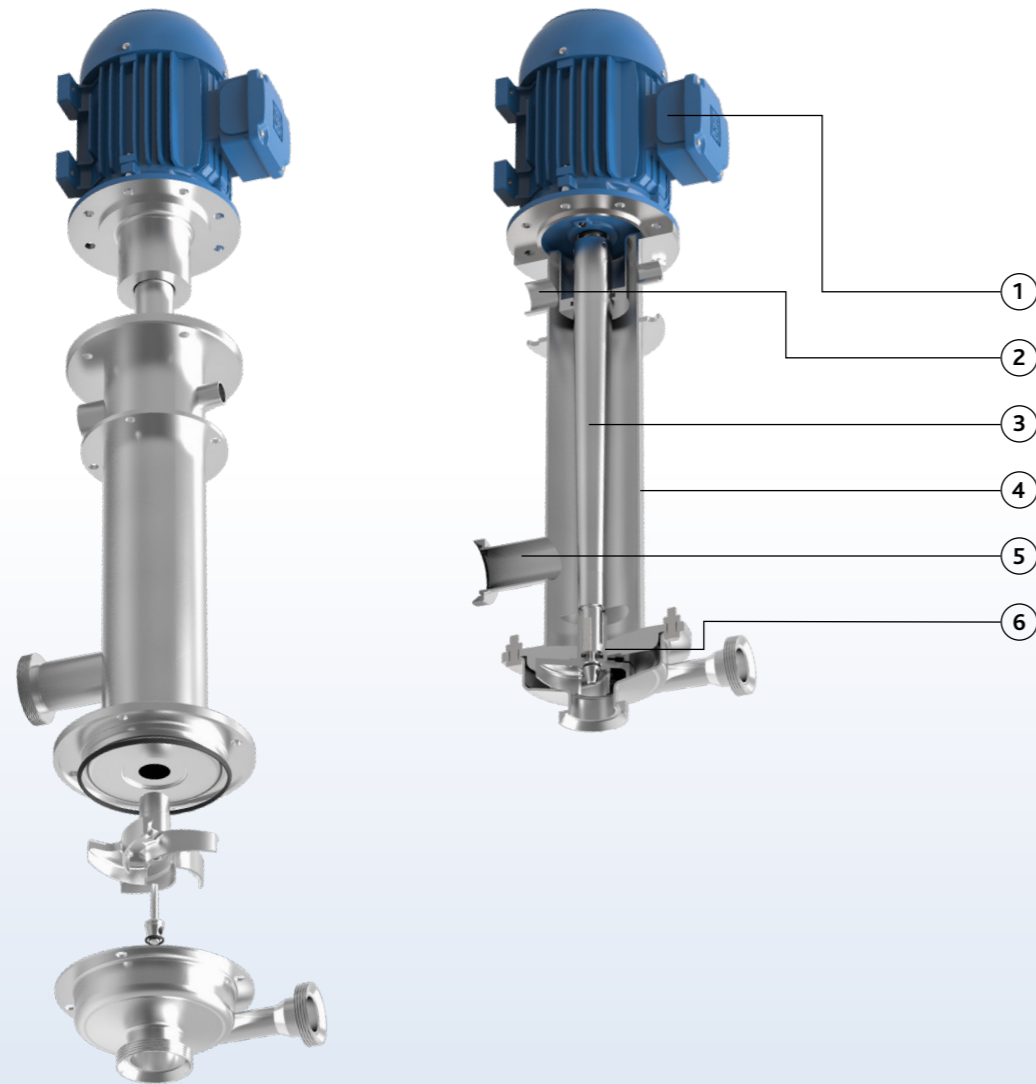


Characteristics

The Packo pumps of the IMO series are cantilever pumps that are placed next to a reservoir. They are suitable for pumping liquids with a temperature up to 200 °C. They are especially constructed to handle liquids that are difficult to seal such as paints, varnishes, galvanic coatings, hot frying oil, etc.

The pumps have a working length of 500 mm. (= maximum level of the liquid above the suction of the pump)

The MCP3IMO pumps are also available on pedestal with a working length of 900 mm.



IMO




1. Use of standard IEC motors.
MCP3IMO pumps on bearing bracket can also be equipped with Nema frame motors.
2. Connection for cleaning purposes.
3. Tapered shaft, fully machined.
4. High strength column support pipe. Rigidly maintains alignment between motor and casing. Protects pump shaft.
5. By-pass for overflow.
6. Cantilever design = no mechanical seals, no plain bearings.
Reduced downtime and operating costs. No bottom bearing, no oil or water pipes required to lubricate these bearings.

Your benefits

- Cantilever design = leakage free (no seals and plain bearings)
- Sealless pump: reducing downtime and operating costs
- Electropolished: easy to clean
- Robust design
- Not sensitive for dry running

Application areas

Particularly suitable for pumping liquids that are difficult to seal such as hot frying oil up to 200° C. They are also used for pumping waste water from industrial waste such as CIP, acids, condensate, etc.

Pump series	IMO
Performance	
max. flow rate	1000 m ³ /h
max. differential head	60 m
max. inlet pressure	atmospheric
max. liquid viscosity	1000 cP
max. temperature	200°C
impeller type	open, semi-open or closed
max. free passage	45 mm
max. motor power	250 kW
max. speed	3000 rpm
available frequency	50/60 Hz
Technical specifications	
materials wetted parts	stainless steel 316L or similar
mechanical seal configuration	no seal - cantilever
available O-ring materials	FKM - EPDM - Special
connections	industrial or hygienic
surface finish	industrial finish: welds are not hand polished. final surface treatment: electropolished
certificates & legislation	  

Performance curves

IMO

