

Pump series IMO

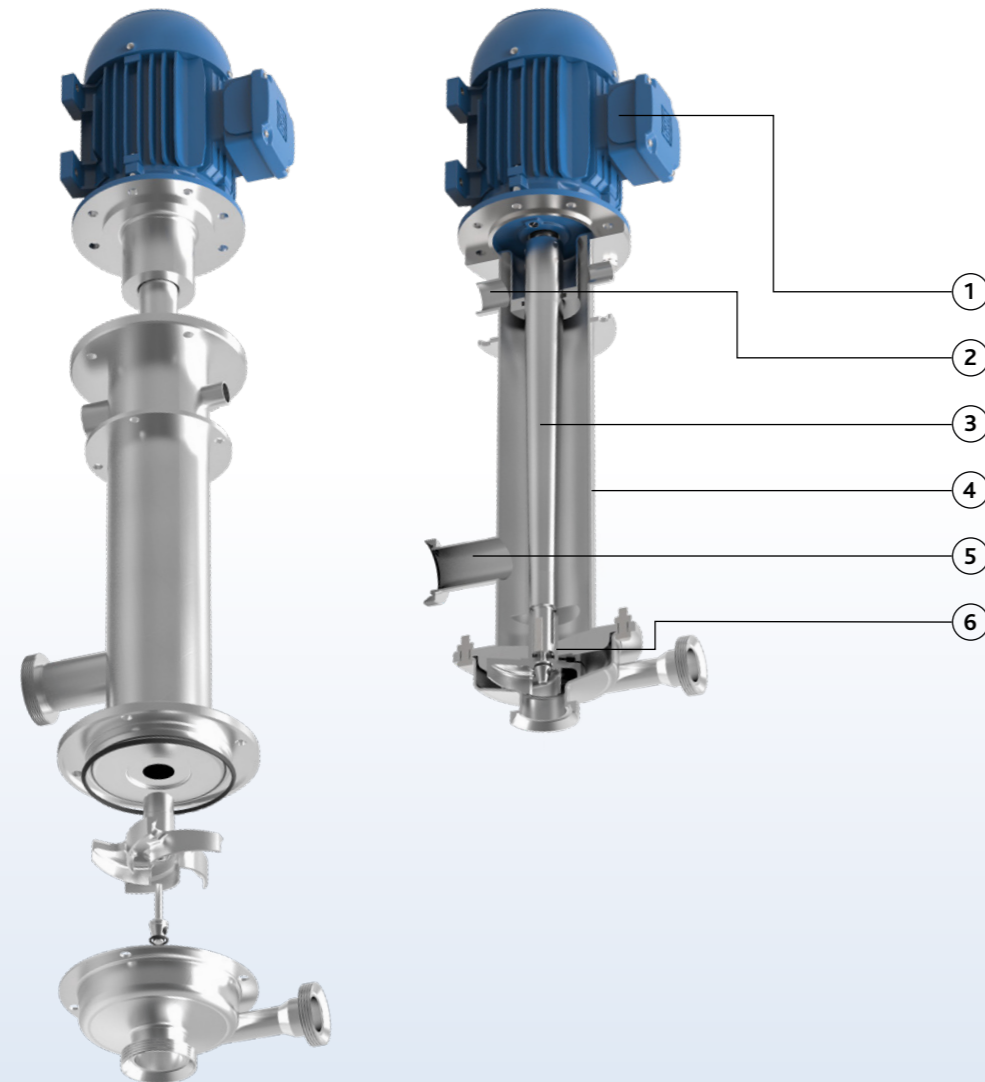


Characteristics

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	132 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

