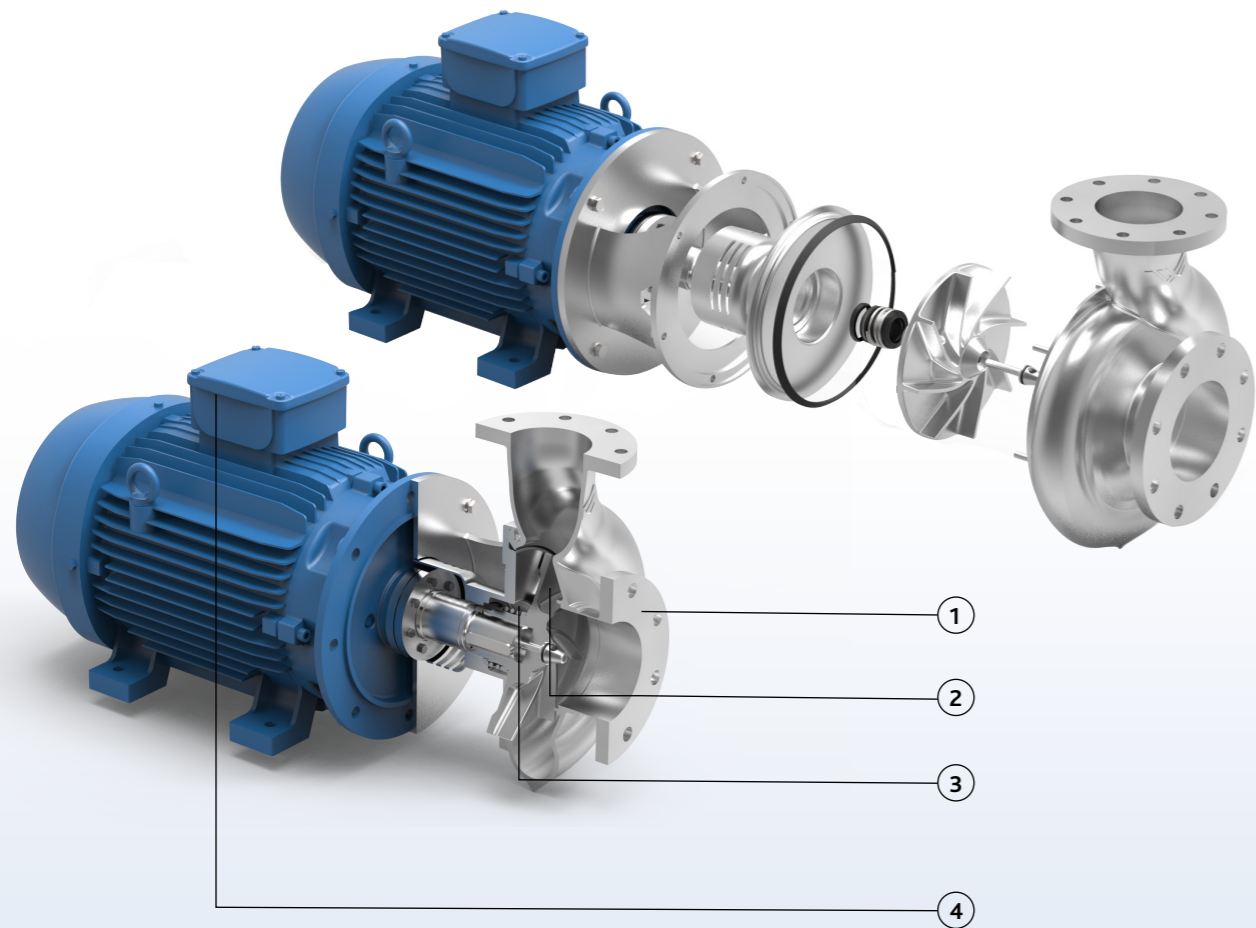


Pump series MFF



Characteristics

These robust pumps have stainless steel 316L investment cast pump casings and can be equipped with open, semi-open or vortex investment cast impellers in stainless steel 316L or similar. The pumps have a large clearance between the impeller and the pump casing and as a result they can handle solids and fibres without any risk of clogging. Thanks to its solid construction and electropolished design these pumps are the reliable component for your production process.



MFF

- 1 Investment cast stainless steel pump casings
- 2 Large clearance between impeller and pump casing
- 3 Large seal cavity to guarantee liquid circulation around the seal
- 4 Monobloc execution with std. IEC motors
- 5 Standardized mechanical seals to EN 12756
FDA approved bellow mechanical seals or balanced O-ring seals



bellow seal

Your benefits

- Non-clogging, suitable for handling liquids with solids and / or fibres
- Electropolished: higher resistance against corrosion
- Easy & robust construction and easy maintenance: less downtime
- Easy to install
- Solid impellers in investment cast material
- Standard components

Application areas

The Packo pumps of the series MFF are used in a wide range of industries and applications. You can find them in just about all industries such as vegetable industry, water treatment and textile industry as well as in e.g. biogas, biodiesel and bioethanol applications.

Typically the pumps are transferring liquids with fibres and solids coming from washing or blanching vegetables, potato waste, circulation of liquids on digesters, etc.

Pump series

Performance

| | |
|------------------------|-----------------------|
| max. flow rate | 750 m ³ /h |
| max. differential head | 30 m |
| max. inlet pressure | 12 bar |
| max. liquid viscosity | 500 cP |
| max. temperature | 140°C |
| impeller type | open or vortex |
| max. free passage | 50 mm |
| max. motor power | 250 kW |
| max. speed | 1500/1800 rpm |
| available frequency | 50/60 Hz |

Technical specifications

| | |
|-------------------------------|---|
| materials wetted parts | stainless steel 316L or similar |
| mechanical seal configuration | single bellow, single balanced, quench, double, pressurized barrier |
| available O-ring materials | EPDM, FKM, FEP-FKM |
| connections | BSP fittings, flanges according to EN1092-1/01 & 02, ANSI flanges |
| surface finish | industrial, internal welds not hand polished, electropolished |
| certificates & legislation | |

Performance curves at 1450 rpm

MFF

