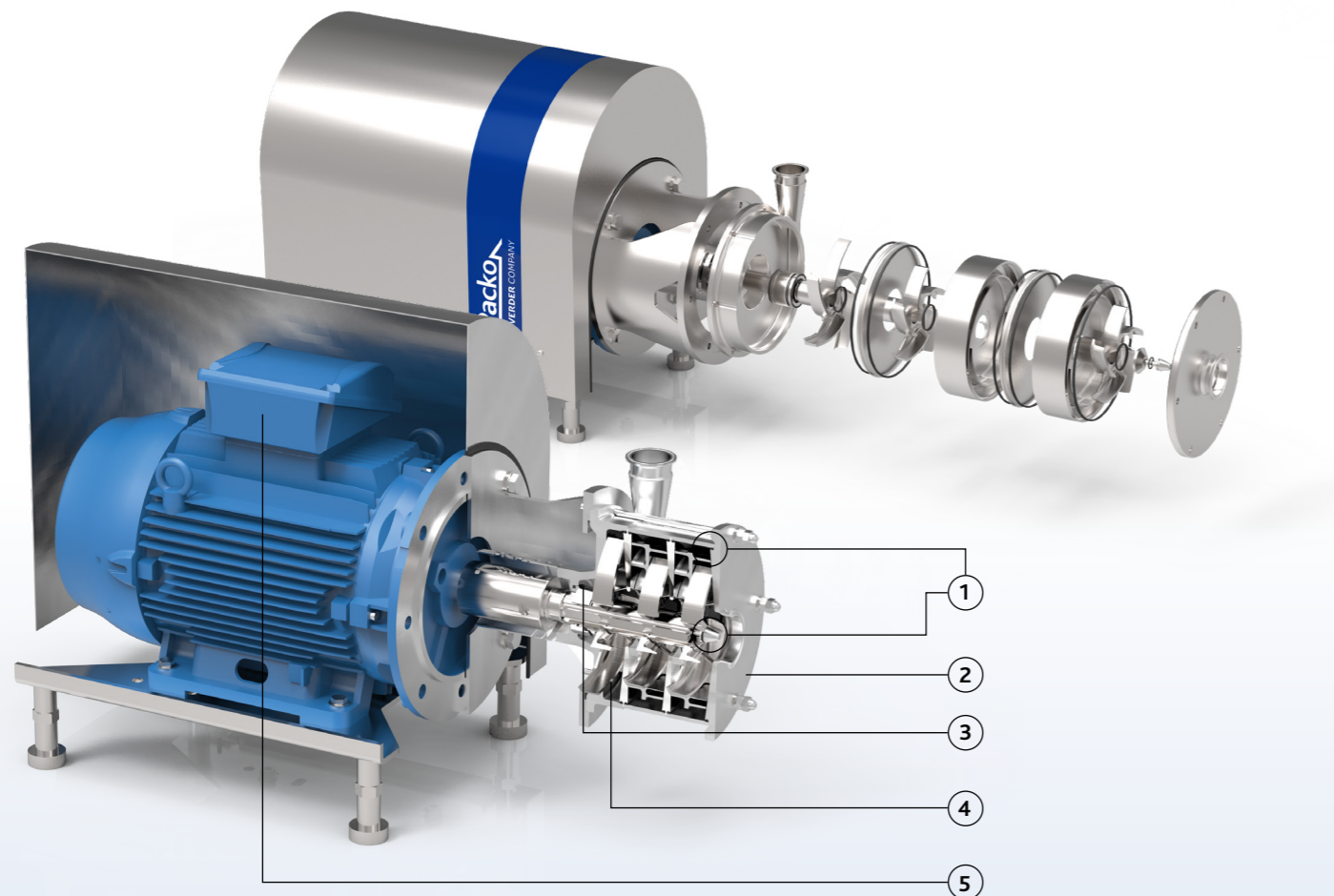


# Pump series FMS



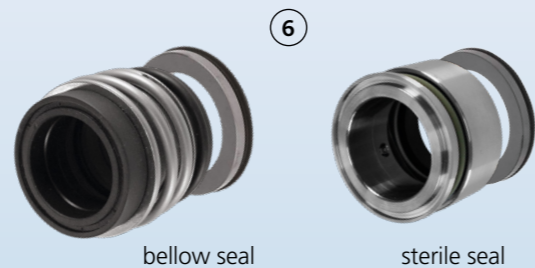
## Characteristics

The hygienically designed Packo multistage pumps from the FMS series are used as process pump in the most diverse applications in food, pharmaceutical and chemical industries. They are the right match for operations at moderate flows and high pressures.



## FMS

- 1 Electropolished, easy to clean construction, no bacteria traps and no small clearances in order to clean the area around the O-ring
- 2 Investment cast design
- 3 Large seal cavity to clean mechanical seal properly
- 4 Open impellers: no axial forces on motor bearings
- 5 Monobloc execution with std. IEC motors
- 6 Standardized mechanical seals to EN 12756  
FDA approved bellow mechanical seals or sterile O-ring seals (spring not in contact with the liquid)



## Your benefits

- Ideal for operation at moderate flow rate and high pressures
- High pump efficiency resulting in lower energy consumption
- Low NPSH values: less risk on cavitation
- Electropolished: easy to clean
- Easy construction and easy maintenance: less downtime
- Standard components
- Easy to install





## Application areas

For use in food, brew, beverage, pharmaceutical and chemical industries, as transfer and mixing pump for liquid food products, drinks, medicines, lotions, etc.

Typical applications: process pump for plate heat exchangers, pasteurizer systems, filters, filling machines, mixers, deaerators, carbonators and high pressure cleaning systems.

## Pump series

## FMS

Performance	
max. flow rate	50 m <sup>3</sup> /h
max. differential head	215 m
max. inlet pressure	10 bar
max. liquid viscosity	250 cP
max. temperature	140°C
impeller type	open
max. free passage	14 mm
max. motor power	45 kW
max. speed	3000/3600 rpm
available frequency	50/60 Hz
Technical specifications	
materials wetted parts	stainless steel 316L or similar
mechanical seal configuration	single, quench, double
available material O-ring	EPDM, FKM
connections	hygienic fittings
surface finish	hygienic quality, internal welds hand polished + electropolished
certificates & legislation	   

## Performance curves at 2900 rpm

## FMS

