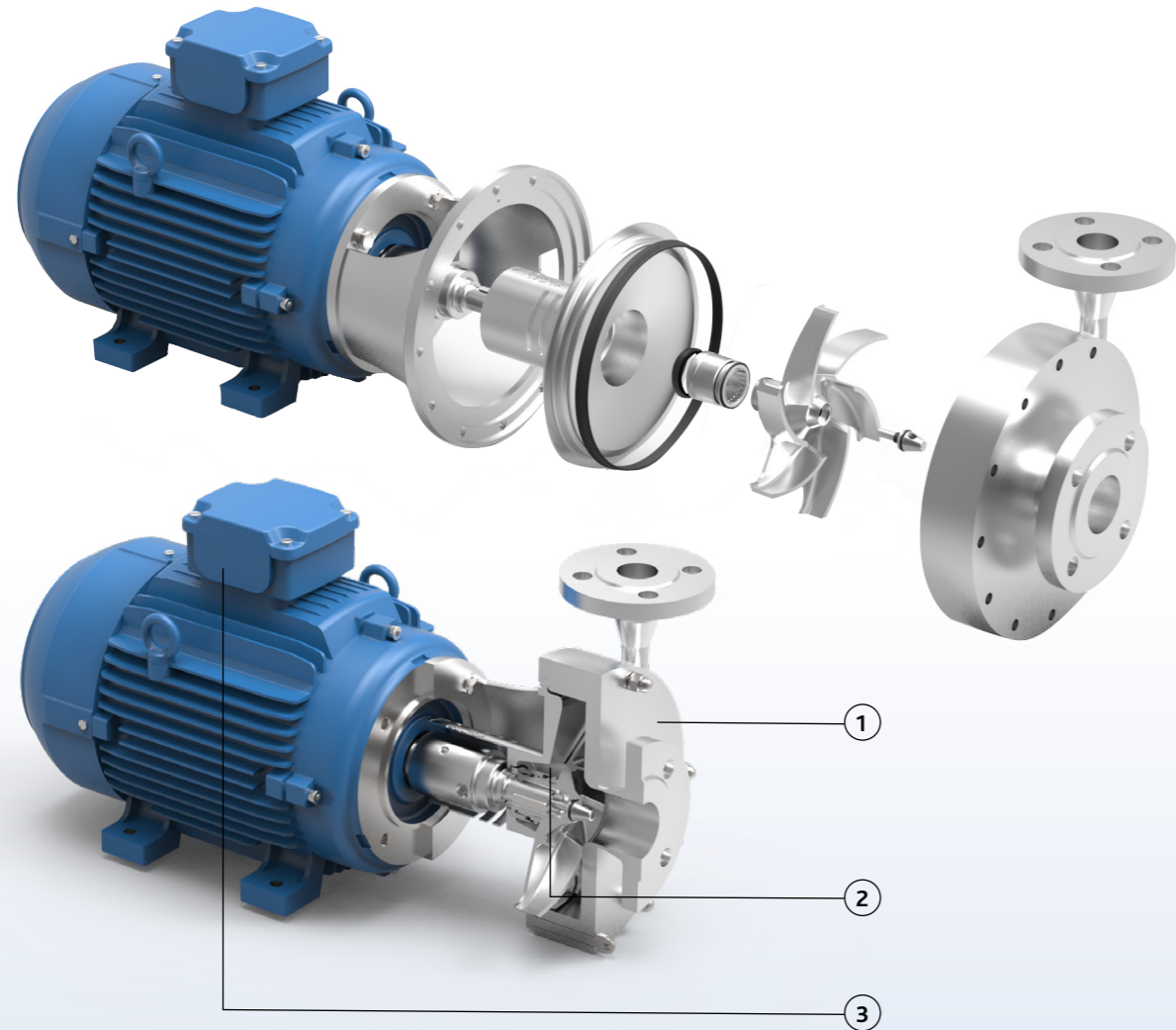


# Pump series IPP2



## Characteristics

The Packo stainless steel pumps of the IPP2 series are pumps made of solid, machined stainless steel 316L and are extremely suitable for high system pressure applications up to 40 bar.



### IPP2

- 1 Solid design made of fully machined stainless steel
- 2 Large seal cavity to guarantee liquid circulation around the seal
- 3 Monobloc execution with std. IEC motors
- 4 Standardized mechanical seals to EN 12756  
FDA approved balanced O-ring seals
- 5 One seal diameter: Ø 33 mm, except for 40-250:  
Ø 43 mm



## Your benefits

- Suitable for system pressure applications up to 40 bar
- High pump efficiency resulting in lower energy consumption
- Low NPSH values: less risk on cavitation
- Electropolished: higher resistance against corrosion
- Easy and robust construction and easy maintenance: less downtime
- Standard components
- Easy to install
- 2 mechanical seal diameters for the entire range

## Application areas

The Packo high pressure pumps of the IPP2 series are used primarily in reverse osmosis (RO) applications for the filtration of, for example, contaminated CIP-water, whey, etc. They are also used as a booster pump in a variety of skids.

You will find them in just about all industries including the dairy industry, breweries, beverage industry as well as in water treatment industry.

| Pump series                     | IPP2  |
|---------------------------------|---|
| <b>Performance</b>              |   |
| max. flow rate                  | 110 m <sup>3</sup> /h   |
| max. differential head          | 110 m   |
| max. inlet pressure             | 40 bar  |
| max. liquid viscosity           | 1000 cP   |
| max. temperature                | 140°C   |
| impeller type                   | open  |
| max. free passage               | 20 mm   |
| max. motor power                | 45 kW   |
| max. speed                      | 3000 / 3600 rpm   |
| available frequency             | 50 / 60 Hz  |
| <b>Technical specifications</b> |   |
| materials wetted parts          | stainless steel 316L or similar                                 |
| mechanical seal configuration   | single balanced, quench, double                                 |
| available O-ring materials      | EPDM, FKM, FEP-FKM, FFKM, Silicone                              |
| connections                     | flanges according to EN1092-1/11 PN40, Tri-Clamp fittings, etc. |
| surface finish                  | industrial, internal welds not hand polished, electropolished   |
| certificates & legislation      |   |

## Performance curves at 2900 rpm

### IPP2

