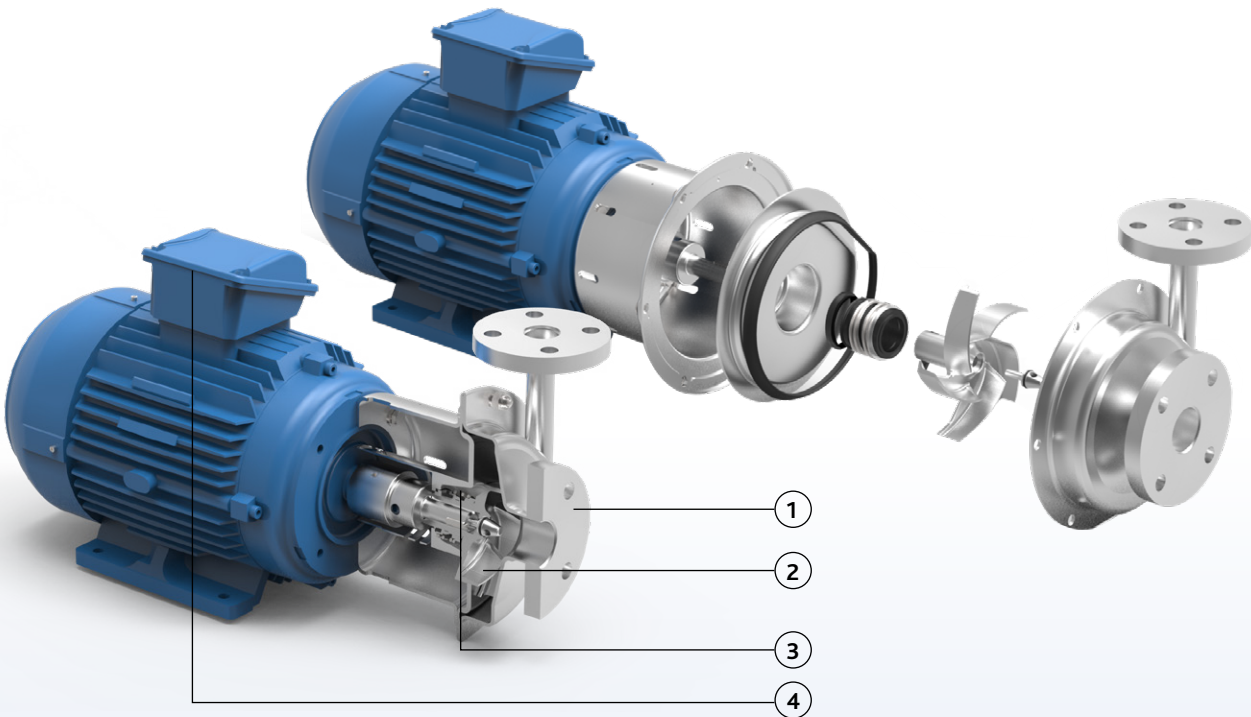


Pump series ICP2



Characteristics

These robust pumps have stainless steel 316L pump casings constructed in thick cold rolled plate and have open investment cast impellers in stainless steel 316L or duplex materials. Thanks to its solid construction and electropolished design these pumps are the reliable component for your production process.



ICP2

- 1 Pressed stainless steel, pump casing thickness up to 8 mm, back plate up to 20 mm
- 2 Investment cast impellers
- 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, all kind of configurations
- 6 One seal diameter: Ø 33 mm.
Except for
250 types: Ø 43 mm
315 types: Ø 70 mm



Bellow seal

Your benefits

- High pump efficiency resulting in lower energy consumption
- Low NPSH values: less risk on cavitation
- Electropolished: higher resistance against corrosion
- Easy & robust construction and easy maintenance: less downtime
- Easy to install
- Solid impellers compared to low cost spot welded versions
- Standardized seals guaranteeing worldwide easy availability and low spare parts prices
- Standard components

Application areas

The Packo pumps of the series ICP2 are used in a wide range of industries and applications.

You can find them in just about all industries such as vegetable industry, breweries, water treatment and textile industry as well as in e.g. biogas, biodiesel and bioethanol applications.

Typical liquids: blanching water, mash, wort, process and contaminated water, biodiesel, bioethanol, alcohols, CIP, biogas, etc.

Pump series	ICP2
Performance	
max. flow rate	110 m³/h
max. differential head	220 m
max. inlet pressure	up to 20 bar, depending on the pump type
max. liquid viscosity	1000 cP
max. temperature	140 °C
impeller type	open
max. free passage	22 mm
max. motor power	90 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 bellow, single balanced, quench, double, pressurized barrier
available O-ring materials	EPDM, FKM, FEP-FKM, FFKM, Silicone
connections	BSP fittings, flanges according to EN1092-1/01 & 02, ANSI flanges, smooth tubes
surface finish	industrial, internal welds not hand polished, electropolished
certificates & legislation	  

Performance curves ICP2 at 2900 rpm

