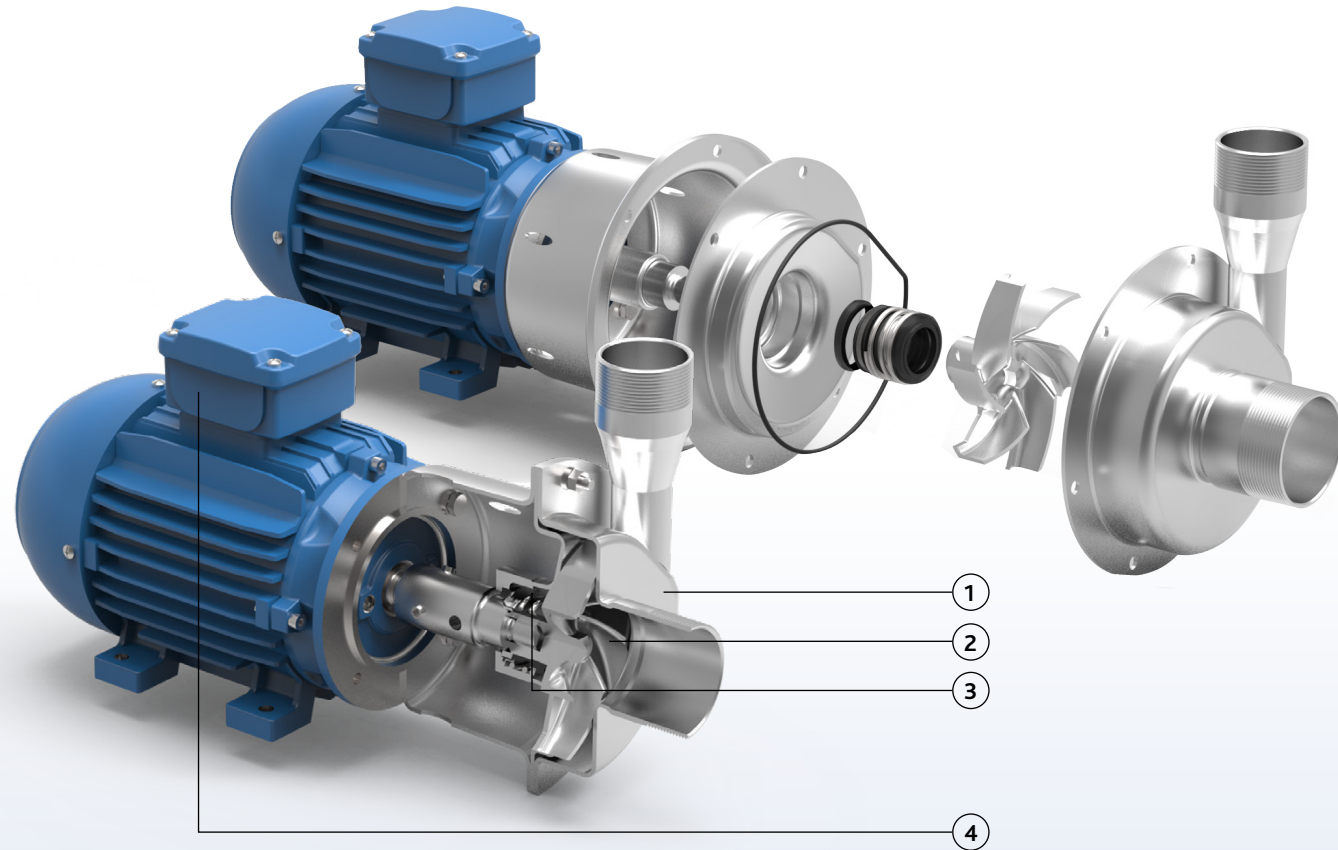


# Pump series ICP1



## Characteristics

The Packo stainless steel centrifugal pumps of the ICP1 series are the "best value for money" industrial pumps. They have investment cast open impellers. This series achieves an overall high efficiency, leading to a lower energy consumption for your production process. Thanks to its modular concept it also guarantees an easy maintenance.



### ICP1

- 1 Pressed stainless steel with minimum thickness of 3 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  
bellow mechanical seals or balanced O-ring seals
- 6 One seal diameter for the entire range: Ø 33 mm



## Your benefits

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

## Application areas

The ICP1 pumps are mainly used for pure as well as for slightly contaminated liquids.

They are often used as a process pump in textile industry for washing textiles, for water treatment, but also for handling solvents, alcohols and chemicals.

### Pump series

### ICP1

Performance	ICP1
max. flow rate	70 m <sup>3</sup> /h
max. differential head	37 m
max. inlet pressure	6 bar
max. liquid viscosity	1000 cP
max. temperature	140 °C
impeller type	open or semi-open
max. free passage	18 mm
max. motor power	5.5 kW
max. speed	3000/3600 rpm
available frequency	50/60 Hz
Technical specifications	ICP1
materials wetted parts	stainless steel 316L or similar
mechanical seal configuration	single bellow, single balanced
available O-ring materials	EPDM, FKM, FEP, FFKM
connections	BSP fittings, flanges according to EN1092-1/02, smooth tubes
surface finish	industrial, internal welds not hand polished, electropolished
certificates & legislation	  

## Performance curves at 2900 rpm

### ICP1

