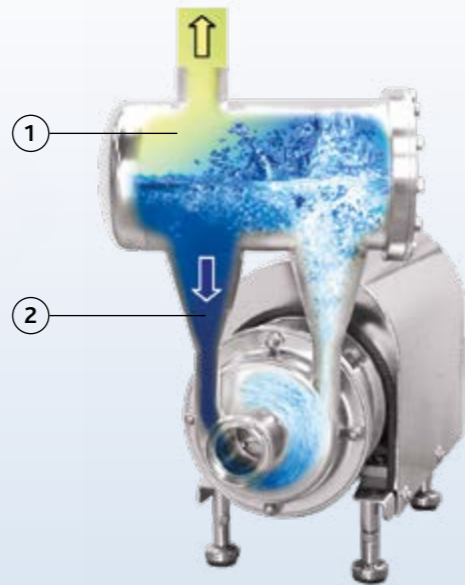
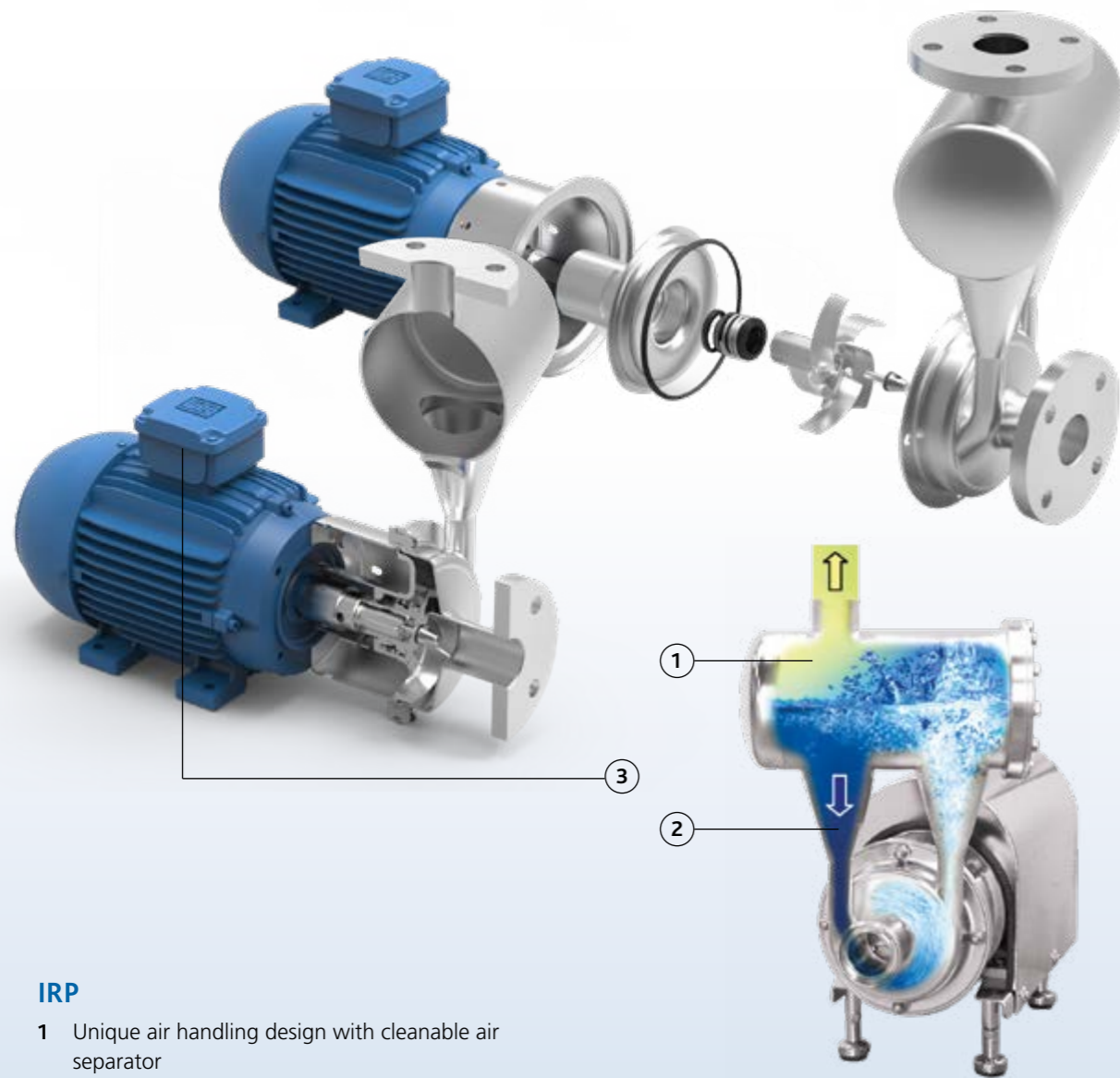


Pump series IRP



Characteristics

These air handling pumps have stainless steel 316L pump casings constructed in thick cold rolled plate, 100% non-porous and extremely smooth. The pumps have open or closed investment cast impellers, constructed in 316L or duplex materials. Together with an electropolished design the industrial air handling pump series IRP are a reliable component into your production process.



IRP

- 1 Unique air handling design with cleanable air separator
- 2 By-pass to casing taking care about air evacuation
- 3 Monobloc execution with std. IEC motors
- 4 Standardized mechanical seals to EN 12756 bellow mechanical seals or balanced O-ring seals
- 5 One seal diameter: Ø 33 mm, except for 80-160: Ø 43 mm

Your benefits

- Higher pump efficiency compared with a classic liquid ring pump
- Low NPSH values: less risk on cavitation
- Electropolished: higher resistance against corrosion
- Easy & robust construction, easy to install and easy maintenance: less downtime
- Construction without non-return valve
- Easy to install
- 2 mechanical seal diameters for the entire range
- Limited noise level

Application areas

Thanks to its unique air handling design based on a standard centrifugal pump, the IRP series are particularly suitable as a CIP return pump, as well as for unloading all type of collecting tankers and trucks.

| Pump series | IRP |
|---------------------------------|---|
| Performance | |
| max. flow rate | 120 m³/h |
| max. differential head | 75 m |
| max. inlet pressure | 10 bar |
| max. liquid viscosity | 10 cP |
| max. temperature | 140°C |
| impeller type | open or closed |
| max. free passage | 22 mm |
| max. motor power | 22 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 |
| available O-ring materials | EPDM, FKM, FEP-FKM, FFKM or similar |
| connections | BSP fittings, flanges according to EN1092-1/01 & 02, ANSI flanges |
| surface finish | industrial, welds not hand polished, electropolished |
| certificates & legislation | EAC |

Performance curves op 2900 rpm

