

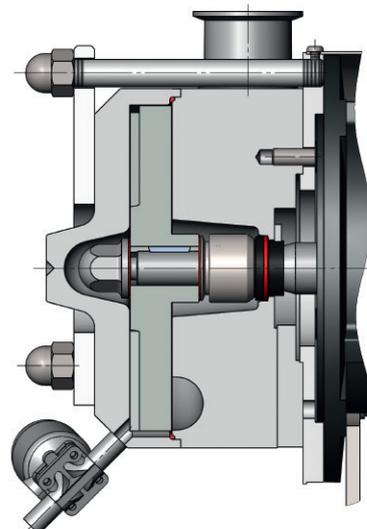
Sterile / aseptic pumps

Safety and reliability when pumping fluids in sterile and pharmaceutical applications – with surface roughness values down to Ra 0.4 µm and optimal residual emptying. The ideal pump when absolute sterility is required.

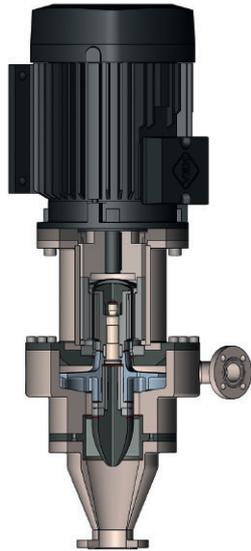


Features:

- Dead space free design in the pump interior including the mechanical seal area
- Gap-free design including the impeller seal, cover gasket etc.
- The easy-to-clean construction allows the complete emptying of the pump. The connections for the emptying can be selected by the customer, such as:
 - Tri-Clamp (DN15)
 - Membrane valve (manual or automatic)
- Excellent CIP and SIP features



Maximum safety for the use in pharmaceutical applications



- Surface roughness of all product-wetted parts (pump body, pump cover impeller, pump shaft, impeller nut, and mechanical seal) available down to Ra 0.4 μm
- Produced from solid stainless steel 316L (1.4435)
- SAWA standard always electropolished, this despite the surface roughness requirements
- Ferrite content < 1%
- A variety of different connections is available, *see technical information*
- Various shaft sealing systems (e.g. mechanical seals) available

Optional forms:

✓ ATEX

für zones 1, 2, 21, 22

✓ Magnetic coupling

hermetically sealed design for crystallising, toxic, flammable and environmentally hazardous liquids

✓ Vertical option

for easy draining

✓ Bearing housing option

for special requirements

✓ Inducer

for low NPSH_a values (< 1 m)

✓ Mobile

version with sturdy trolley

Available documentation:

- Operating and maintenance manual
- SAWA pump test report
- FDA conformity certificate of elastomers
- Certificate of conformity 2.2 EN DIN 20304
- Inspection certificate 3.1 DIN EN 10204
- Surface roughness and ferrite content protocols
- Welding report
- USP CI VI confirmation

