

The submersible centrifugal pump can be used for various liquids in all areas of industry. It is made of corrosion-resistant stainless steel and is manufactured for submersion depths of 0.3 m to max. 3 m in a modular system. Its special strength is its application diversity since it can also be used for explosion-hazard liquids in EX zones 1 and 2. The pump is specifically suitable for chemicals, solvents, industrial effluents and alcohols. It is generally manufactured precisely to customer requirements.







Features

- pumping of solids-laden media with no risk of clogging
- simple modular design
- sturdy design comprising high-quality stainless steel 1.4435 (316L)
- low lifecycle costs and long service life
- for viscous liquids up to approx. 200 mPas
- sturdy, generously dimensioned slide bearings made of hard carbon or SSiC
- for maximum reliability even for liquids with highly abrasive action, e.g. bearing-free design (up to approx. 0.6 m)
- bearing assembly, sealing and connection facilities etc. are always matched to the specific customer requirements

Optional forms

submersion depth

Every pump is adapted to customer requirements, possible submersion depth down to 3 m.

- ATEX

for zones 1, 2, 21 and 22

- intermediate bearing assembly

- slide bearings made of hard carbon or SSiC
- up to 0.6 m submersion depth bearing-free with continuous shaft

dome cover

with or without dome cover and shape to customer requirements

- flushing of intermediate bearings

flushing by means of pumped medium or by externally supplied flushing medium

- shaft sealing

radial shaft seal rings or optionally with backto-back mechanical seal with external flushing

motor protection (mechanical protection)

Frequent swivelling of the pump back and forth may cause mechanical damage to the motor.

A protective cage may alleviate the situation.





Flow rate Q max. 100 m³/h

Delivery head H up to 50 m

Temperature range minus 30°C to 100°C

Viscosity up to max. 200 mPas



