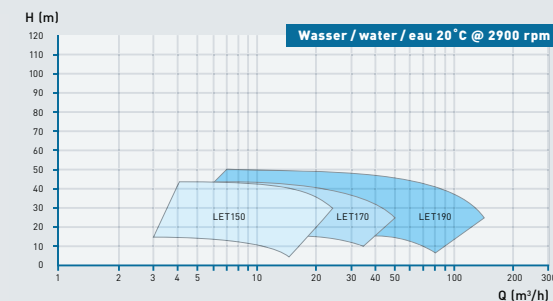
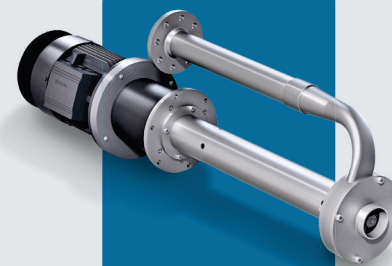


Submersible centrifugal pump LET

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 back-to-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.



Chemicals / industry

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