

Materials

Volute casing:	**SIC**cast
Impeller:	**SIC**cast
Shaft:	1.4462
Mechanical seal:	Silicon carbide (SIC)

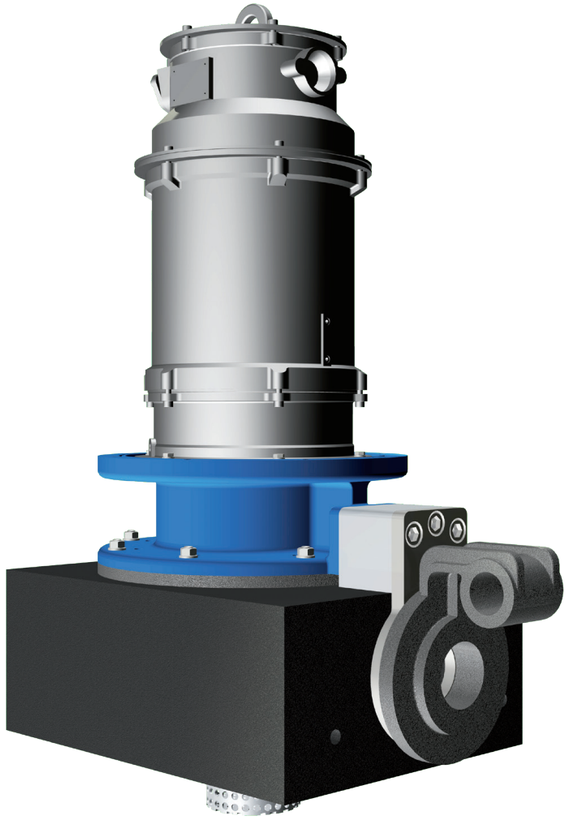
Technical Data

Pump Size:	**DN 32 to DN 150** (1 1/4“ to 6“)
max. Pressure:	**10 bar** (150 PSI)
max. Flow:	**320 m³/h** (1400 gpm)
Total head:	**up to 90 m** (295 ft)
Rotating Speed:	**up to 3600 rpm**

MCS Design

Submersible single-stage centrifugal pump.

- Pumping of abrasive and corrosive liquids
- All hydraulic components which are in contact with the liquid are made of **SIC**cast
- Suction flange: Vertical (including suction strainer)
- Discharge flange: Radial
- Open or closed impeller spatially curved vanes
- Dual mechanical seal arrangement with a pump side bellow seal
- Moisture sensor in an oil reservoir between pump and motor
- Stainless steel submersible three-phase motor (IP68)
- Optimized design ensures easy maintenance and long service life even under difficult conditions



Fields of Application

Handling of abrasive and corrosive liquids.

- Flue gas desulfurization
- Chemical industry
- Water treatment
- Seawater desalination
- Fertilizer industry / potash industry