

Materials

Volute casing:	Duplex stainless steel
Impeller:	Duplex stainless steel
Wear plate:	Duplex stainless steel
Shaft:	1.4462
Mechanical seal:	silicone carbide (SIC)

ATEX

Technical Data

Pump Size:	**DN 32 to DN 150** (1 1/4“ to 6“)
max. Pressure:	**10 bar** (150 PSI)
max. Flow:	**550 m³/h** (2500 gpm)
Total head:	**up to 90 m** (295 ft)
Rotating Speed:	**up to 3600 rpm**

Fields of Application

Handling of abrasive and corrosive liquids.

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

WRS Design

Single-stage vertical centrifugal submersible pump.

- Pumping of abrasive and corrosive liquids
- Available in almost any metal from cast iron to SUPER DUPLEX stainless steel
- Suction flange: Vertical (including suction strainer)
- Discharge flange: Radial
- Closed impeller with spatially curved vanes
- Re-adjustable inclined gap between impeller and wear plate to optimize the efficiency and the differential pressure after longer operation
- Single acting mechanical seal
- Moisture sensor located in an oil chamber between pump and motor
- Submersible IEC three-phase motor (IP68)
- Optimized design ensures easy maintenance and long service life even under difficult conditions

