

Materials

All wetted parts (except shaft) are made of metal free materials to avoid corrosion totally.

Different shaft materials available according to the application requirements.

All hydraulic parts and the discharge bend are manufactured in **SIC**cast. Anti-corrosion lifetime guarantee for all **SIC**cast parts in seawater applications.

Technical Data

Pump Size:	**DN 150 to DN 1000** (6“ to 40“)
max. Pressure:	**8 bar** (120 PSI)
max. Flow:	**12500 m³/h** (55000 gpm)
Total head:	**up to 60 m** (195 ft)
Rotating Speed:	**up to 1800 rpm**

Fields of Application

Handling of abrasive and corrosive liquids.

- Seawater intake
- Water treatment plants
- Cooling in power plants
- Salt water applications

MCV Design

Single-stage vertical centrifugal sleeve-bearing pump.

- Handling of abrasive and corrosive liquids
- Vertical mixed flow pump designed for desalination plants to work as intake pump
- Suitable for a wide flow range
- Suction flange: vertical
- Discharge flange: radial
- **SIC**cast - inlet housing and diffusor withstand hard particles
- Shaft sealing by a single acting mechanical seal
- Polygon sleeve bearings support long shafts and protect against vibration. Radial bearings made of SiC on SiC
- The modular design makes it possible to produce extremely large pumps at low costs

