

Materials

Volute casing:	0.9650 (quenched and tempered)
Impeller:	0.9650 (quenched and tempered)
Wear plates:	0.9650 (quenched and tempered)
Shaft:	1.0503 (C45)

Technical Data

Pump Size:	**DN 65 to DN 400** (2 1/2“ to 16“)
max. Pressure:	**10 bar** / 16 bar (150 PSI / 230 PSI)
max. Flow:	**4000 m³/h** (18000 gpm)
Total head:	**up to 90 m** (295 ft)
Rotating Speed:	**up to 1200 rpm**

Fields of Application

Particularly suitable for pumping highly abrasive & corrosive liquids with fine to very coarse solids.

- Special foundation
- Mechanised tunneling
- Gravel and Sand Industry
- Mining and Ash Handling
- Furnaces
- Offshore applications
- Traffic & Supply tunneling
- Zinc oxide production
- Sugar industry

WRX Design

Highly wear-resistant pump with closed impeller and wear plates on suction and bearing side.

- Pumping of slurry liquids with high sliding wear as well as on mechanical impact by high levels of coarse grain (grain size up to 200 mm)
- The design allows the use of very hard materials
  - ► **min. 550 HB**
- Suction: axial
- Discharge: tangential
- Axially adjustable impeller
- Shaft sealing by stuffing box or mechanical seal
- Various impeller shapes are possible (e.g. 2- or 3-vaned)
- Different arrangements available (e.g. vertical)
- Back pullout design (the complete rotating assembly can be removed while the casing remains in its position)
- Durable, oil or grease lubricated bearings
- Direct or belt driven
- Usage as underwater pump through special assemblies possible
- Counterclockwise rotation design possible

