

Materials

Available in almost any metal from cast iron to SUPER DUPLEX stainless steel.

The materials are carefully selected depending on the application, the pumped liquids and the combinations of materials adapted to the respective conditions of use.

ATEX

Technical Data

Pump Size:	**DN 32 to DN 400** (1 1/4“ to 16“)
max. Pressure:	**16 bar** (230 PSI)
max. Flow:	**4000 m³/h** (17600 gpm)
Total head:	**up to 120 m** (395 ft)
Rotating Speed:	**up to 3600 rpm**

WRV Design

Vertical single-stage centrifugal pump in semi-submerged design.

- End-suction type slurry pump
- Pumping of abrasive and corrosive liquids
- Discharge flange: DN 32 to DN 250 radial, from DN 300 tangential
- Closed and open impeller available
- Impeller is fixed by fitting key; reverse rotation (e.g. back-flushing) is possible
- Re-adjustable inclined gap between the impeller and volute to optimize the efficiency and differential pressure after prolonged operation
- Grease-lubricated, maintenance-free bearings
- Customized immersion depth possible
- Optimized design ensures easy maintenance and long service life even under difficult conditions
- Direct or belt driven design



Fields of Application

Handling of abrasive and corrosive liquids.

- Flue gas desulfurization (lime / gypsum slurries)
- Cleaning equipment for heat exchanger
- Construction industry (cement-water mixture)
- Potash industry (caustic potash solution, mixed salts/brine)
- Fertilizer Industry
- Mineral processing and refining