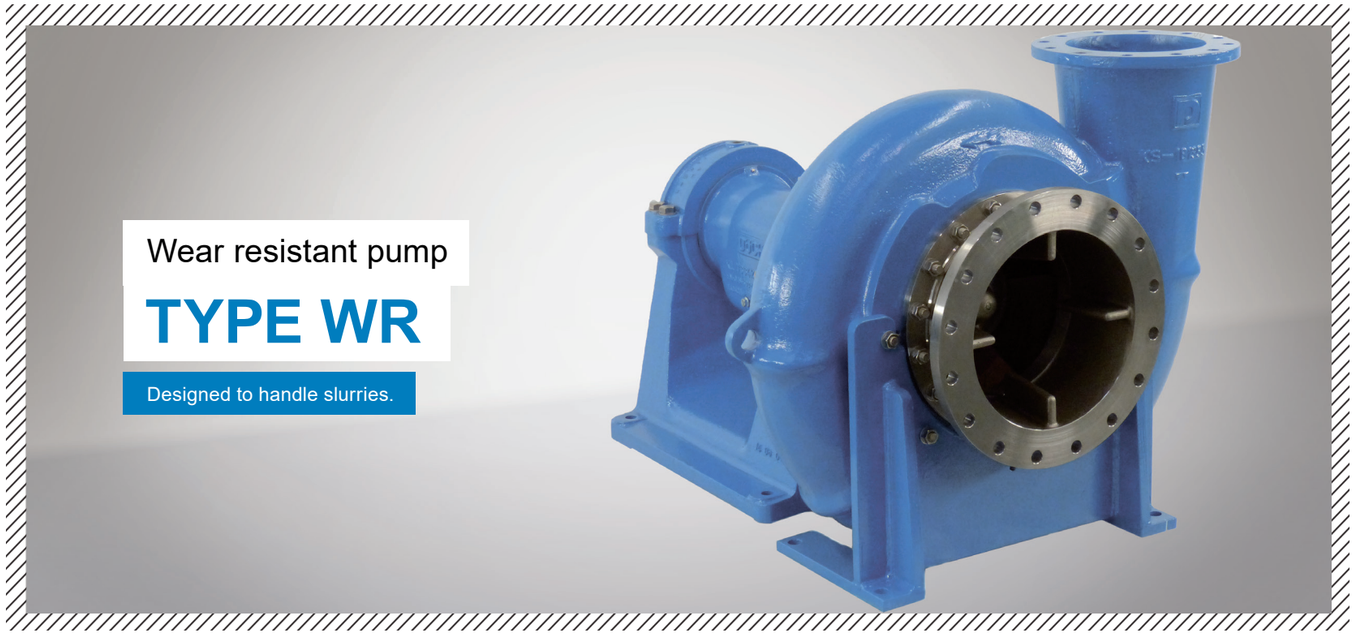



## Materials

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

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

ATEX

## Technical Data

| | |
|---|---|
| **Pump Size:** | **DN 32 to DN 800** (1 1/4“ to 32“) |
| **max. Pressure:** | **16 bar** (230 PSI) |
| **max. Flow:** | **12000 m³/h** (52800 gpm) |
| **Total head:** | **up to 120 m** (395 ft) |
| **Rotating Speed:** | **up to 3600 rpm** |

## Fields of Application

**Handling of high-temperature slurries and abrasive/corrosive liquids.**

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

## **WR** Design

**Horizontal single-stage centrifugal pump in back pullout design.**

- Pumping of abrasive and/or corrosive liquids
- Suction flange: axial
- Discharge flange: Top (DN 32 to DN 250 vertical, from DN 300 tangential)
- Closed and open impeller available
- Impeller is keyed to the shaft; reverse rotation (e.g. back-flushing) is possible
- Re-adjustable inclined gap between the impeller and volute casing to optimize the efficiency and differential pressure for long time operation
- Shaft sealing by means of **DÜTEC** single acting mechanical seal with external springs (gland packing and other mechanical seals available)
- Durable, oil-lubricated roller bearings
- Back pullout design (the complete rotating assembly can be removed while the casing remains on its position)
- Optimized design ensures easy maintenance and long service life even under difficult conditions
- Direct or belt driven
- Different arrangements available

