

RPG VS6 series

(API 610 11TH ED. VS6)

The RPG VS6 pump is a type VS6 vertical multistage can type pump that is used in situations where Net Positive Suction Head Available (NPSHA) is limited. The pumps are designed according API 610 11TH ed and API 682 4TH ed standards.

The RPG VS6 vertical shaft pumps are engineered with a barrel (suction can). An extensive range of hydraulics gives a comprehensive range of heads and flows to match your process. Varied material options are also available to suit specific fluid requirements.

CAPACITY



Up to 4.000 m³/h

PRESSURE



Up to 700 m

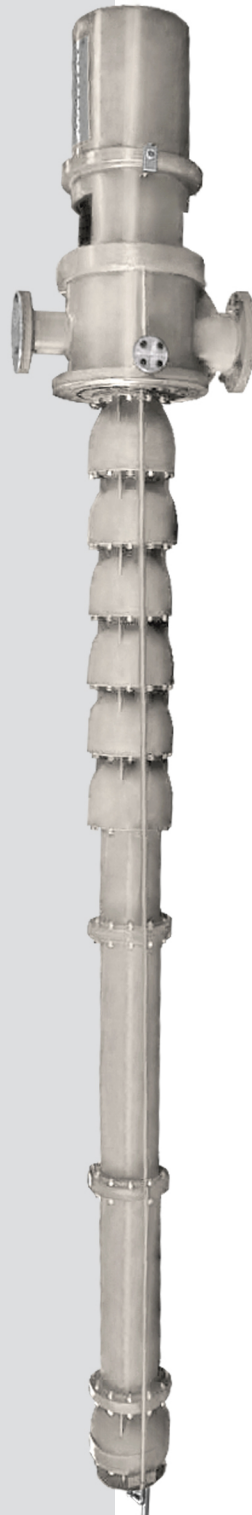
TEMPERATURE



Up to 300 °C

Options

- Gearbox API 677 or API 613 or VFD driven
- Steam turbine driven API 611 or 612
- API 670 monitory system
- Vibrator instrumentation and RTD's
- API 614 lube oil system integrated chapter 1 or chapter 3
- API 671 couplings



Product features

- Diffuser or volute type (VS7) depending application
- Full compliance with API 610 11TH ed (ISO 13079) VS6
- Variety of hydraulic designs for each pump size allows optimal selection of the pump
- External casing design per ASME
- Radial diffuser casing minimizing radial forces
- Axial thrust balance by balance drum
- Rigid shaft with critical speed above operating speed. Pump rotor fully dynamically balanced
- Several mechanical seal options: single, double, tandem seals
- Seal chamber design fully compliant with API 610 11TH ed / API 682 4TH ed.
- The suction and discharge nozzles can be positioned 90 degrees apart. Flange type mounting plate according to international standards, ISO and ANSI
- Tube and welded plate heavy duty can
- Low NPSH 1ST stage
- Double suction for larger sizes
- High efficiency

Applications

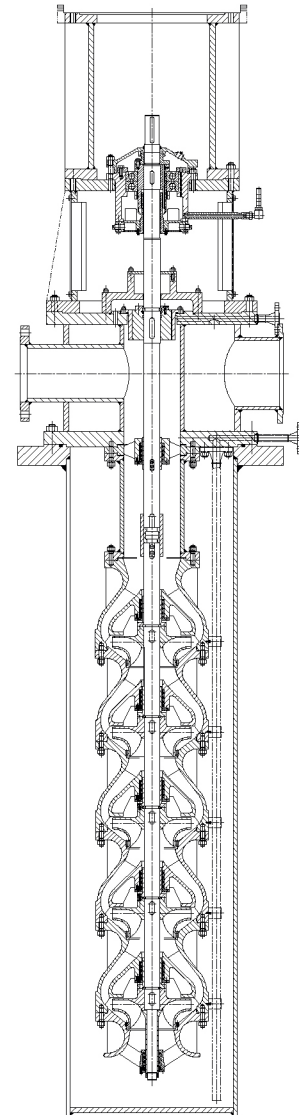
- Petrochemical process
- Chemical processing
- Refinery off-sites
- Drainage
- Gas and coal processing
- Liquid Sulphur
- Molten salts
- Low NPSH applications

Materials

- All materials of construction in accordance with the latest API 610 Annex H Table H.1 available
- Special materials and coatings available upon request

Technical data

- capacity up to 4.000 m³/h
- Head up to 700 m
- Maximum temperature up to 300°C



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