

VTP

VERTICAL TURBINE PUMPS

VTP pumps are normally designed to operate in wells or sumps. The bowl assembly consists of a suction case or bell, one or more stages, and a discharge case.

The number of stages supplied are determined by the head requirements of the system. The pump bowl assembly is positioned in the sump or well at a depth to provide the proper intake configuration.

**Quick ship program
Available in North America in sizes
up to 15" ***

***Please contact your Ruhrpumpen representative or distributor for availability.**

FIRE PUMP SERVICE

Ruhrpumpen's vertical turbine fire pumps are listed by Underwriter's Laboratories Inc. and approved by Factory Mutual.

- NFPA-20
- UL-448
- FM-1312



DESIGN FEATURES

- Multistage vertical centrifugal pumps with diffuser type bowl
- Semi-Open / Enclosed impellers.
- Counterclockwise rotation viewed from coupling end.
- Basket or conical strainer, according to pump requirements.
- Product or oil lubricated.
- Oversized bowl shaft sizing for longer life.
- Epoxy coated bowls standard.
- Collet or Ring & Key mounted impellers.
- API 610 latest edition construction available.
API pump type VS1.

OPERATING LIMITS

- Capacity to 60,000 U.S. gpm (13,636 m³/h)
- Head to 2500ft (762m)
- Temperature 250 °F (121 °C)
- Pressure to 1,080psig (74 bar)

APPLICATIONS

- Deep Well
- Irrigation
- Sump
- Can pump requirements
- Municipal
- Industrial
- Fire Service
- Condensate

STANDARD CONSTRUCTION MATERIALS

BOWLS

- A48 CL 30B Bowls
- B684 ALLOY 836 Impellers
- A582 -416 shafting
- Integral cast wear surfaces with optional wear rings in Bronze or Stainless Steel
- Other Materials available upon request

Columns

- A53 B pipe - Threaded or Flanged (optional)
- AISI-1045 carbon steel or A582 -416 line shafting
- Other Materials available upon request

Discharge Head


- A48 CL 30B with 125# ANSI FF Flanges
- Fabricated steel with 150# or (Optional) 300# ANSI flanges
- Optional custom fabricated discharge head to meet your criteria

Bearing Material

- B684 ALLOY 836 as Standard
- Other Materials and Configurations available upon request



RUHRPUMPEN PLANTS

-  GERMANY, Witten
-  USA, Tulsa & Orland
-  MEXICO, Monterrey
-  EGYPT, Cairo
-  INDIA, Chennai
-  BRAZIL, Río de Janeiro
-  ARGENTINA, Buenos Aires



MORE INFORMATION

www.ruhrpumpen.com email: info@ruhrpumpen.com



SUBMERSIBLE VTP PUMPS

Ruhrpumpen offers submersible pumps for applications such as:

- High temperature wells
- Agricultural irrigation
- Deep-well de-watering
- City water supplies and large construction sites