

➤ **Vertical Turbine Pump API 610 –
Pumps Type VS1 – VS4 - VS6**

The pumps are double casing (with can or barrel), turbine or diffuser type, vertically suspended shaft, single or multistage, discharge through column, single suction, radially split, side-to-side nozzle orientation.

Performance:

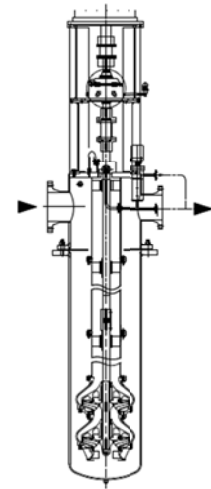
Design Pressure Rating: Up to 120 bar g @ 20 °C.

Temperature Rating : Up to 220 °C.

Flow Rate : Up to 12000 m³/hr (52800 gpm).

Total Differential Head: Up to 1000 m (3280ft).

Speed : Up to 3600 rpm.



VS-6

Application – For pumping hydrocarbons, chemical solutions, inorganic or organic acids, caustic solutions, condensate, upstream process, boiler feed booster, etc.

➤ **ELECTRIC SUBMERSIBLE PUMP**

Standard Electric Multistage Submersible pumps and Explosion Proof Electric Submersible pumps are available for Clear Water Supply , Dewatering and Wastewater application.



Performance -

Flow Rate : Up to 1,499.06 m³

Discharge Head : Up to 350 FT (107 M).

Solid Size : Up to 4" (100 mm)

Application :

For Dewatering and Wastewater

For Ground Water - Deep Well

➤ **ROTARY – SCREW PUMPS – API 676**

3PPrinze Screw Pumps, ONE or TWO or THREE Screws which rotate without contact between each other, ensure constant flow, pulsation free together with a high suction lift, i.e. a very low NPSH. The pumps can be supplied horizontal or vertically installation.



Performance - Design Pressure Rating : Up to 100 bar g @ 20 °C.
Temperature Rating : Up to 350 °C.
Flow Rate : Up to 1200 m³/hr
Discharge Pressure : Up to 60 bar
Viscosity : 0.5 – 200,000 cSt.

Application – For pumping hydrocarbons, chemical solutions, inorganic or organic acids, caustic solutions, condensate, crude oil and product pipeline, crude oil transfer, etc.

- HYGENIC PUMPS ALSO AVAILABLE



➤ **FIREWATER PUMPS PACKAGES – NFPA 20 - UL/FM**

Provide a complete fire pump system as defined by the latest edition of NFPA 20, UL Listed, FM Approved and related standard.

Performance:

Design Press.: - up to 50 bar at 20 °C Capacity: - up to 13200 Usgpm

Temperature: - up to 105 °C. Total Head: - up to 1050 feet.



Application –

For pumping fire protection system

Contact us:



PT. LUGATA KARYA TEKNIK

Jl. CBD Selatan Ruko Pasar Modern Paramount Blok H-5
Curug Sangereng, Kelapa Dua, Tangerang 15811,
Banten - Indonesia

Telp: 021-2932 4347 - Fax: 021-2932 4348

e-mail: ptlugata@gmail.com

PIC: Jonlin Napitu

Cell Phone: +628151 420 7600 or +62812 802 88677

e-mail: jonlin@lugatakarya.com or jonlin@cbn.net.id