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VERTICAL TURBINE-ENCLOSED SHAFT (VTP-ES™)

OPERATING PARAMETERS

- Capacities up to 7.500 (m³/h) (40,000 gpm)
- Head up to 500 (m) (1,200 Feet)
- Power through 1.500 (kW) (2,000 hp)
- Pressures up to 4.067 (kPa) (590 psi)
- Frequency 50/60 Hz
- Temperatures to 200 (°C) (400 °F)
- Bowls sizes from 8" to 40"

DESIGN FEATURES

- Maximum versatility and reliability
- Low NPSH first stage construction
- No priming required
- Thrust balanced impellers available
- Minimum space requirement

- Packing or mechanical seal
- Independent axial-thrust bearing assembly
- Multiple discharge configurations and sizes.

SERVICES

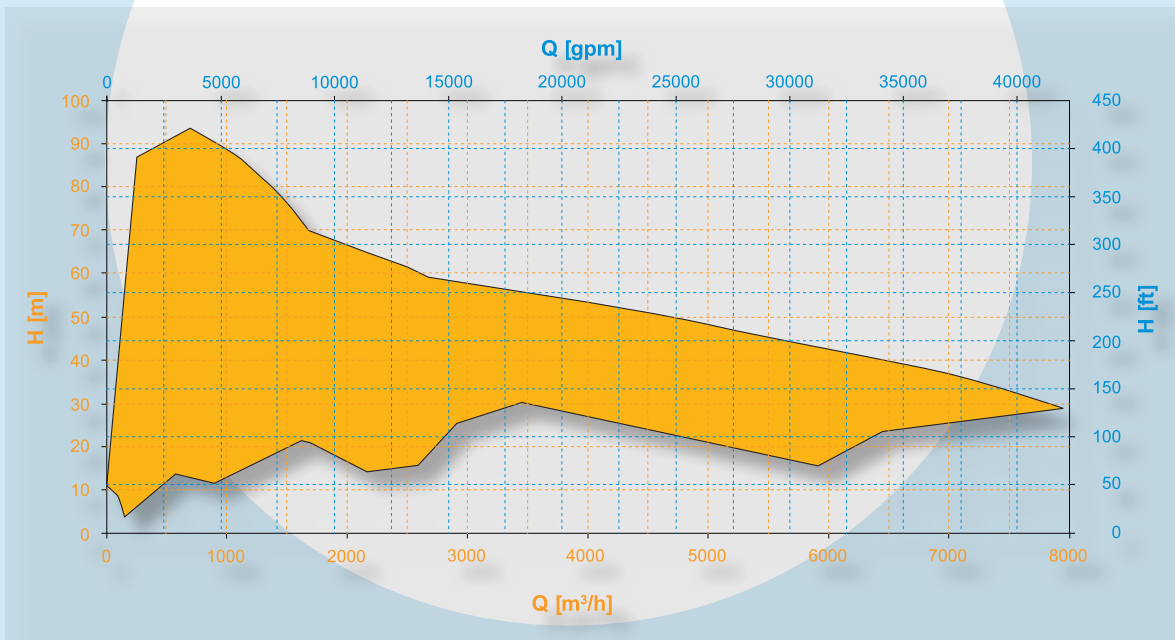
- Primary Water Supply – Fresh water or Sea water
- Mining Processes - Solvent Extraction/ Electro-Winning (SX/EW), Dewatering, Tailings & Post Processed Solutions
- Oil & Gas Production – Onshore, Offshore and Pipeline
- Pulp and Paper
- Municipal Water & Wastewater
- Agriculture - Irrigation.

MATERIALS

Wide ranges of engineered wear/corrosion resistant materials are available including:

- Bronze
- Cast Iron
- Carbon Steels
- Stainless Steels - 316, 317 SS
- Duplex - 2205
- Super Duplex - 2507
- Super Austenitic - 254 SMO
- Nickel-Based Super Alloys - Hastelloy
- Shafts - 316, 410, 420 SS, K-Monel, Zeron 100, 17-4 PH, Inconel 718, Nitronic 50.

VERTICAL TURBINE PUMPS (VTP) ENCLOSED SHAFT
Range Chart - 50 Hz - 1 Stage



VERTICAL TURBINE PUMPS (VTP) ENCLOSED SHAFT
Range Chart - 60 Hz - 1 Stage