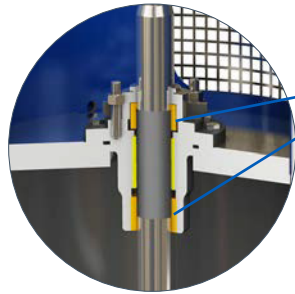


FLOWAY® VTSP VERTICAL TURBINE SOLIDS PUMP

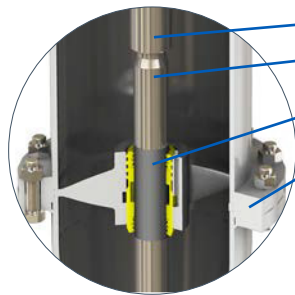


THE FIRST OF ITS KIND, THE FLOWAY® VERTICAL TURBINE SOLIDS PUMP (VTSP) IS SPECIFICALLY DESIGNED TO HANDLE SOLIDS UP TO 10% BY WEIGHT, WHILE PROVIDING SUPERIOR ABRASION RESISTANCE RUNNING SMOOTHLY.

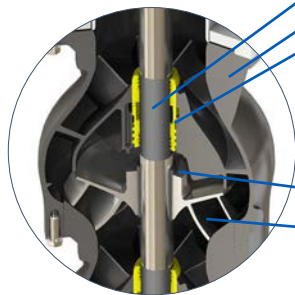


Shaft seal features:

- Mechanical seal designed for solids handling services
- Isolation device to keep solids away from seal
- No leakage, no adjustment required
- No external flush required



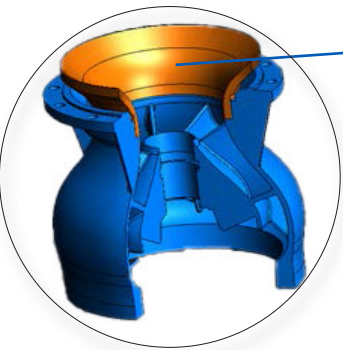
- Threaded or double keyed shaft couplings as required
- 416 SS or 17-4-PH metal shafting
- Hard-coated shaft in bearing area
- Fabricated flanged column sections



- Hard-coated shaft in bearing area
- Cast iron bowls with abrasion resistant coating on hydraulics
- Floway VTSP bearing assembly features:
 - Grease packed and sealed from pumpage
 - Staged seal design for extended wear life
 - Hard-coated shaft and bearing journals
 - No external flush required
 - Patented design
- 316 SS collets

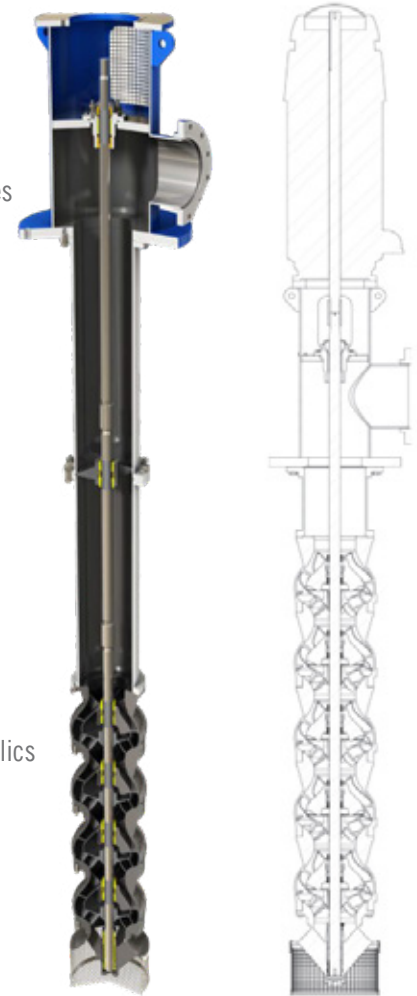
Semi-open impeller features:

- Adjustable as pump wears to maintain performance without disassembly
- Hardened stainless steel material for increased abrasion resistance and extended wear life
- No wear-rings to wear out



VTSP Removable Wear Plate

- Increases bowl wear life
- Prevents premature bowl replacement
- Overall lower maintenance costs
- Replacement part



TYPICAL APPLICATIONS

(sump, barrel or barge mounted)

- Mine de-watering
- Tailings
- Reclaim water
- Overflow water
- Seepage
- Process water supply
- Waste water feed
- Thickener overflow
- Barrel mounted booster
- Barge mounted pumps
- Water supply (fresh water, lakes, and rivers)

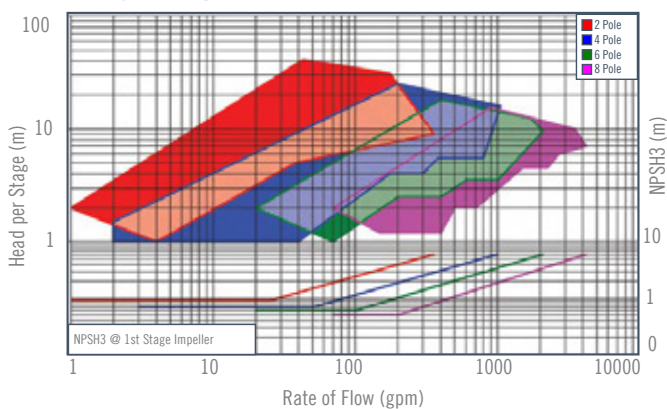
PROVEN DURABILITY, LONGER WEAR, AND LESS MAINTENANCE.

FLOWAY VTSP SPECIFICATIONS	
Capacity	up to 35,000 usgpm (8,000 m ³ /hr)
Pressure Limit	500 psi (35 bars)
HP Range	up to 2,500 hp (1,850 kw)
Liquid Handled	Various liquids containing suspended solids with pH of 4-10
Solids Limit	10% by weight, with excursions up to 20% by weight
Particle Size	up to 1 mm
Temperature / SG Limit	up to 175o F (80o C) / 1.2 SG

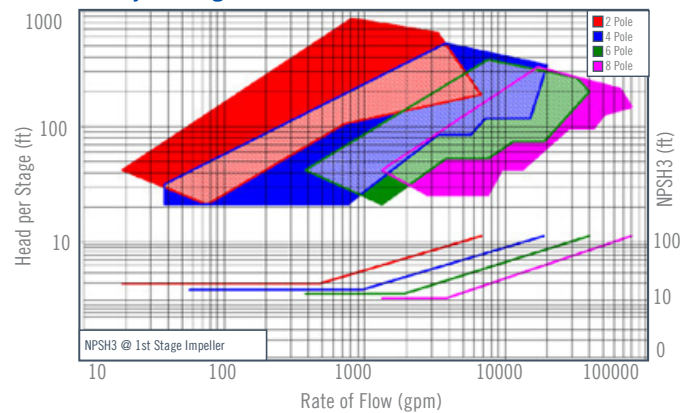


The Floway VTSP is designed to reduce wear and extend operating life, resulting in less maintenance down-time, fewer spare parts requiring replacement, and lowering total cost of ownership.

Floway Coverage Chart 50Hz



Floway Coverage Chart 60Hz





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