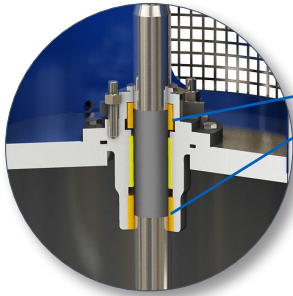




Floway® VTSP
Vertical Turbine Solids Pump

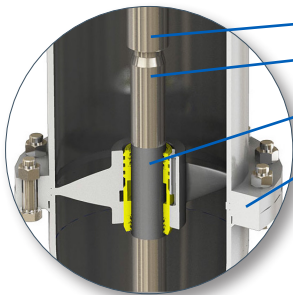


The first of its kind, Floway® Vertical Turbine Solids Pump (VTSP) is specifically designed to handle solids up to 10% by weight, while providing superior abrasion resistance

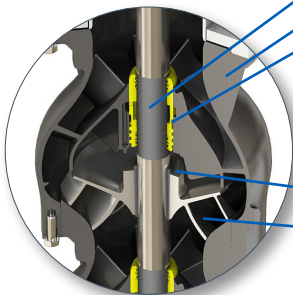


Shaft seal features:

- 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



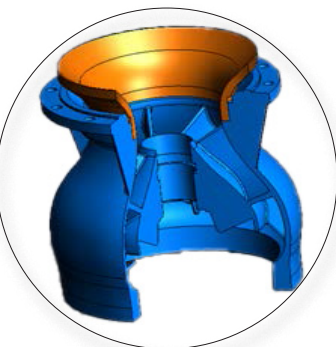
- Hard-coated shaft in bearing area
- Cast iron bowls with abrasion resistant coating on hydraulics
- Floway VTSP bearing assembly features:

- 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)

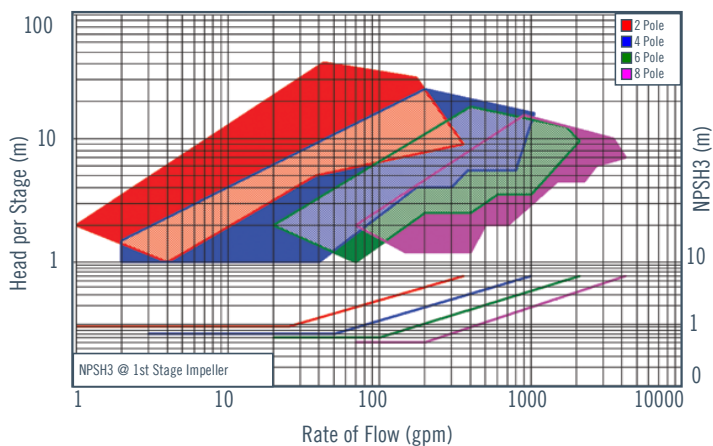
Proven durability, longer wear, and less maintenance

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

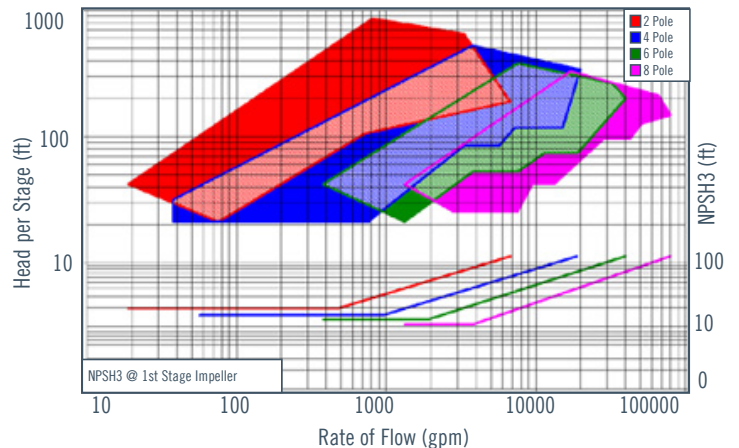


The Floway VTSP is designed to reduce wear and extend operating life, resulting in less maintenance down-time, fewer spare parts requiring replacement, and lowering total cost of ownership.

Floway Coverage Chart 50Hz



Floway Coverage Chart 60Hz



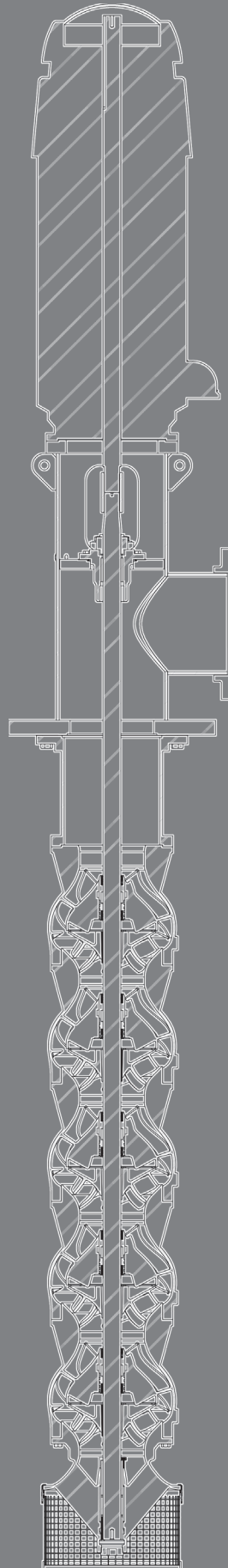


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VTSP Brochure
Version 5, August 2019