



SUBMERSIBLE BOREHOLE PUMPS

Franklin Electric offers a wide array of submersible pumps with flows up to 478 m³/h and heads up to 700 m. They perfectly match motors with power ratings up to 350 kW. The submersible pumps feature proven components, withstand the harshest environments and provide superior performance for numerous applications.



All pumps and parts are manufactured to precision tolerances. Every single component is inspected and tested prior to assembly. To assure the very best quality, all pumps are tested again according to the highest industry standards.

Built-in check valve

to protect the pump against water hammer risk (VSI spring pre-loaded)

High-quality stamped parts

Upper journal sleeve in 316SS

Diffusers in Noryl

Floating impellers in Polycarbonate

Aluminium oxide guide journal sleeve



Drinking water approvals



(VS 6"-8" series: ACS, ICIM)
(VSI: ACS)

Stainless Steel impellers and diffusers

for high corrosion and abrasion resistance

VS6-8/SSI6: Fabricated
VSI: Investment Cast

Neck ring

VS 6-8: PPS or PTFE,
VSI 8-10-12: EPDM,
SSI6: NBR

Watch the Youtube video:



overview submersible pumps



Municipal water works, Wastewater



Fountains



Water Distribution, Pressure Boosting



Irrigation, Sprinklers, Water treatment



Filtration and reverse osmosis



Industrial cooling and processing



Residential and farm wells and drainage



Mining industry, Drainage and dewatering



Fire-fighting equipment



Water supply to and from tanks, reservoir and wells



Lifting and distribution of a wide range of liquids



Autoclave and cistern charge and discharge



Turf and landscape Greenhouses and nurseries



Food industry General industry



SUBMERSIBLE BOREHOLE PUMPS

VS4 SUBMERSIBLE PUMP



FEATURES & BENEFITS

- Compact, reliable and suited to operate in horizontal or vertical position
- Designed to operate efficiently with Franklin Electric submersible motors / NEMA Standard motor adapter
- Hydraulic design enhances overall efficiency thus reducing energy consumption and making the pumping systems more cost effective
- Built-in check valve to protect the pump against water hammer risk
- Floating impellers to grant a better performance and longer life for the pump against abrasion
- Suitable for chemically and mechanically non aggressive liquids

OPTIONS

- Cooling shroud



STANDARD SPECIFICATION

- Models: VS 1-2-3-4-6-7-8-10-15
- Flow: up to 24 m³/h (50 Hz)
- Head: up to 278 m (50 Hz)
- Outlet diameter:
1" ¼ for VS 1-2-3-4,
2" for VS 6-7-8-10-15
- Water temperature range: from 0 °C to 40 °C
- Maximum allowable amount of sand: 100 g/m³,
Max. solid size: 2 mm
- Rotation: counter clockwise
when looking into the discharge



VS6 SUBMERSIBLE PUMP

FEATURES & BENEFITS

- Compact, reliable and suited to operate in horizontal position
- Designed to operate efficiently with Franklin Electric submersible motors / NEMA Standard motor adapter
- Hydraulic design enhances overall efficiency thus reducing energy consumption and making the pumping systems more cost effective
- Built-in check valve to protect the pump against water hammer risk
- Stainless Steel impellers and diffusers for corrosion resistance
- Heavy duty Stainless Steel structure for improved stiffness / permanent alignment of components (increased run time / trouble-free operation).
- Reinforced version with double welded rings for high pressure versions and for mix-flow models longer than 3 meters.
- Floating neck ring in PPS for higher resistance at temperature variations (models 14-19)
- Bushings is Aluminum Oxide for higher mechanical performance
- Bearings in EPDM, with drinking water certification approvals



STANDARD SPECIFICATION

- Models: VS 14-19-25-30-46-65
- Flow: up to 80 m³/h (50 Hz) / 100 m³/h (60 Hz)
- Head: up to 700 m (50 Hz / 60 Hz)
- Water temperature range: Min. -5° C,
Max. +90 °C (+60 °C for pumps with NBR parts)
- Maximum allowable amount of sand: 100 g/m³
- Vertical or horizontal operation



OPTIONS

- Higher-graded material: 316SS, 904L
- Double cable guard
- Discharge heads:
Rp2"/Rp3" VS 14/19/25, Rp4" VS 30/46-65
- Motor adapter: 6x4 and 6x8 for I and N versions

