



VS New

6"
submersible
pumps
for deep
wells

VS Stainless Steel Submersible Pumps for 6" wells and larger

Advanced technology in performance and reliability

New standard in terms of efficiency and pumping capacity

FEATURES

- Pump range**
 Engineered and built for 50 or 60 Hertz operation. Pressure up to 70 Bar and delivery capacity from 6 m³/h to 90 m³/h. Motor power ratings required from 2.2 kW to 55 kW.
- Premier manufacturing technology**
 The innovative mechanical design, combined with the use of an advanced stainless steel manufacturing technology, results in a state-of-the-art 6-inch submersible pump line. Radial and mix-flow liquid end configurations are available in two options of material, either AISI 304 or AISI 316.
- Guaranteed performances**
 Fabricated stainless steel impeller and diffuser for corrosion resistance. Teflon floating neck ring, Ceramic guide journal sleeve and Nitrile rubber fluted bearing to ensure durability against wear are excellent features for guaranteed long-lasting constant performances and product reliability.
- Cost effective pumping systems**
 The hydraulic design is such to enhance the efficiency up to 80% thus reducing energy consumption and making the pumping systems more cost effective.
- Heavy duty structure**
 An external stainless steel sleeve improves stiffness and assures permanent alignment of all the components allowing also for horizontal operation. A check valve is built-in the discharge head. The motor adapter and the coupling are in compliance with NEMA standard.
- Maximum serviceability**
 This is a maintenance free product however in time some parts subject to wear may need replacement. The simplicity of the assembly concept allows for easy service without the need of special tools.

SPECIFICATIONS

Capacity:	Up to 80 m ³ /h at 50 Hz / 375 GPM at 60 Hz
Heads:	70 bar (700 m) at 50 Hz / 2315 feet at 60 Hz
Efficiency:	Up to 80%
Discharge outlet:	2½" & 3" Rp / 2½" & 3" NPT / (2" & 4" on request)
Required Motors:	From 2.2 kW to 55 kW / 4", 6" and 8" NEMA standard
Amount of sand:	100 gr/m ³



APPLICATIONS

- Municipal water works
- Water distribution and pressure boosting
- Irrigation and sprinkler systems
- Water treatment plants, filtration and reverse osmosis
- Industrial cooling and processing
- Mining industry, drainage and dewatering
- Fire-fighting equipment
- General industry
- Fountains



Ceramic guide journal (Tungsten-carbide available on request)

Fluted Nitrile rubber bearing for durability against wear

Fabricated stainless steel impeller and diffuser for corrosion resistance and superior efficiency

Stainless steel external sleeve improves stiffness and assures permanent alignment of the components

Longer motor adapter to reduce suction losses

Longer discharge head to reduce friction losses

Built-in check valve for protection of the hydraulic components

PTFE Replaceable floating neck ring for cost effective maintenance and long-lasting performance

Replaceable stainless steel wear ring in the neck of impeller.

Up-trust disk

Easy disassembly without any tool

Motor adapter and coupling are in compliance to NEMA standard

