



SS FILTERS PVT LTD

The Trust For Process Filtration

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AN ISO 9001: 2015 COMPANY

Specification Sheet

CENTRIFUGAL & MONOBLOCK PUMP

SS filters pumps are non self priming single-stage, centrifugal volute pumps with axial suction port, centrally placed radial discharge port and horizontal shaft. Volute chamber and impellers are designed to give the best possible hydraulic efficiency and good suction lift characteristics, **dynamically** balanced impellers and rotors ensure long life of the motor and pump.



These pump sets are powered by a totally enclosed fan cooled AC induction two pole motor suitable for continuous duty with main dimensions complying with IEC standards. Motor stator is made of low watt-loss silicon steel laminations assembled under pressure and rigidly locked in the frame. The windings are of high-grade enameled copper wire and are varnish impregnated. Construction of motor frames and usage of quality materials results in high performance and low temperature rise thereby increasing the life cycle of the pumps.

FEATURES & BENEFITS:

- Single shaft for motor and pump ensures good mechanical strength.
- Dynamically balanced rotating parts such as impeller and rotor.
- Pump MOC: SS 304
- Mechanical seal with PTFE packing

PRODUCT SPECIFICATIONS:

Power range	0.5kw- 3 kw
Speed	2880 RPM
Versions	Single Phase: 180-220V,50HZ, A.C. supply
Degree of protection	IP 44
Class of insulation	A,E, & B
Direction of Rotation	Clockwise viewed from Driving end
Type of Duty	S1 (Continuous)

APPLICATIONS:

- Chemical and pharmaceutical Industries
- Textile processing Industries
- Electroplating & Metal Finishing Machines
- Filtration Unit
- Pure water plant, Pilot plan