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### 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 pumpsets 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:**

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

#### **APPLICATIONS:**

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

