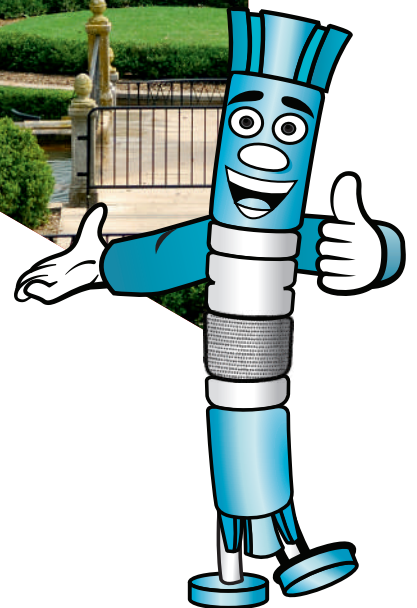


FLOTECH[®]



Manufacturing Plant



FLOTECh Network



Company Profile

FLOTECh Engineering Pvt. Ltd is a leading manufacturer company in Pump Industry. We are providing world class pumping solution which is technically most advanced, Excellent energy efficient and enduring durable.

Established in 1991, FLOTECh ENGINEERING PVT. LTD having a 1,50,000 square feet build up area latest plant with modern testing & inspection technology. Organization has a testing laboratory as per ISI requirement and Highly qualified and experienced engineering professionals who are involved in manufacturing high quality submersible pump sets.

The company certified with ISO 9001-2015, manufacturing More Than 2050+ models with highly erudite manufacturing unit having capacity of 2,00,000 unit annually with more than 250 dedicated manpower.

FACTORY AREA	1,50,000 SQ. FT.
CORPORATE OFFICE	13,500 SQ. FT.
CONFERENCE HALL	5,400 SQ. FT.
PRODUCT RANGE	0.50 H.P. To 150 H.P. 0.37 KW To 110 KW
MODEL	2050+
PRODUCTION CAPACITY	700 PUMPSET PER DAY

FLOTECh Core Strength

- 33 Years experience in pumps manufacturing.
- Wide Range of Product to meet actual customer demand
- Unique Design and performance.
- Production capacity of 18000 pumps per month.
- Most modern testing facility with 100% product testing culture.
- Continuous focus and investment in equipment, manpower and Time for R & D.
- Intensive monitoring and control on manufacturing and testing process.
- Continuous skill enhancement and improvement through trainings of the manpower associated.

4" Submersible Pumps



Salient Features

- Manufactured using a much sophisticated process and hence ensuring more reliability and performance
- Mounting parameters and spline coupling are as per international NEMA standard
- Products are available with NRV which reduces the thrust load of back pressure
- Suitable to run in any Condition of environment and wide voltage fluctuation also
- Improved hydraulic design with higher efficiency and greater performance.

Technical Details

Product Range	SP 3, 5, 8 & 14
Rated Volts / Frequency	220v, 50 Hz / 60 Hz Single Phase 380 - 415v, 50 Hz / 60 Hz Three Phase
Max. Temp. of Liquid	40°C
Mounting Standard	NEMA Standard

Material of Construction

Diffuser	AISI 304
Impeller	AISI 304
Suction & Outlet	AISI 304
Pump Shaft	AISI 431 / 410
Fastners	Stainless Steel

6" Submersible Pumps



Salient Features

- Improved hydraulic design with increased efficiency in each design radial flow & Mix flow
- Mounting parameters and spline coupling are as per international NEMA standard
- Pumps are equipped with a reliable non-return valve (NRV) to reduce thrust load of back pressure
- Our rigid construction ensures long life of these pumps
- Made with high quality S. S. 304 grade material

Technical Details

Product Range	SP 12, 15, 17, 30, 46 & 60
Rated Volts / Frequency	220v, 50 Hz / 60 Hz Single Phase 380 - 415v, 50 Hz / 60 Hz Three Phase
Max. Temp. of Liquid	40°C
Mounting Standard	NEMA Standard

Material of Construction

Diffuser	AISI 304
Impeller	AISI 304
Suction & Outlet	AISI 304
Pump Shaft	AISI 431
Fastners	Stainless Steel

6" & 8" Cast Iron Submersible Pumps



Salient Features

- Dynamically balanced impellers to ensure vibration free operation and long lasting bearing life
- Improved hydraulic design with increased efficiency of these mix flow pumps.
- Mounting parameters and spline coupling are as per international NEMA standard
- Internal surface of motor is coated with corrosion resistance fluid
- Pumps are equipped with a reliable non-return valve (NRV) to reduce thrust load of back pressure

Technical Details

Rated Volts / Frequency	380 - 415v, 50 Hz / 60 Hz Three Phase
Max. Temp. of Liquid	33°C
Mounting Standard	NEMA Standard

Material of Construction

Diffuser	Cast Iron
Impeller	AISI 304 / 410
Suction & Outlet	Cast Iron
Pump Shaft	AISI 431
Fastners	Stainless Steel

8" Submersible Pumps



Salient Features

- Heavy & high strength outlet & other parts
- Improved hydraulic design with increased efficiency in each design radial flow & Mix flow
- Mounting parameters and spline coupling are as per international NEMA standard
- Pumps are equipped with a reliable non-return valve (NRV) to reduce thrust load of back pressure
- Made with high quality S. S. 304 grade material

Technical Details

Product Range	SP 77,95
Rated Volts / Frequency	380 - 415v, 50 Hz / 60 Hz Three Phase
Max. Temp. of Liquid	40°C
Mounting Standard	NEMA Standard

Material of Construction

Diffuser	AISI 304
Impeller	AISI 304
Suction & Outlet	AISI 304
Pump Shaft	AISI 431
Fastners	Stainless Steel

10" Submersible Pumps



Salient Features

- Heavy & high strength outlet & other parts
- Improved hydraulic design with increased efficiency in each design radial flow & Mix flow
- Mounting parameters and spline coupling are as per international NEMA standard
- Pumps are equipped with a reliable non-return valve (NRV) to reduce thrust load of back pressure
- Made with high quality S. S. 304 grade material

Technical Details

Product Range	SP 125,160
Rated Volts / Frequency	380 - 415v, 50 Hz / 60 Hz Three Phase
Max. Temp. of Liquid	40°C
Mounting Standard	NEMA Standard

Material of Construction

Diffuser	AISI 304
Impeller	AISI 304
Suction & Outlet	AISI 304
Pump Shaft	AISI 431
Fastners	Stainless Steel

4" Submersible Motors



Salient Features

- Modern electrical design with higher efficiency and greater performance.
- Suitable to run in any Condition of environment and wide voltage fluctuation also
- Manufactured using a much sophisticated process and hence ensuring more reliability and performance
- Mounting parameters and spline coupling are as per international NEMA standard
- All motors tested prior to dispatch

Technical Details

Max. Outer Diameter	100 mm
Power Range	0.5 to 7.5 H.P. 0.37 to 5.5 KW
Rated Volts / Frequency	220v, 50 Hz / 60 Hz Single Phase 380 - 415v, 50 Hz / 60 Hz Three Phase
Degree of Protection	IP 68
Type of Duty	S1 (Continuous)
Max. Temp. of Liquid	40°C
Max. Starts Per Hour	12 Times
Mounting Standard	NEMA Standard

Material of Construction

Motor Body	Non Magnetic Stainless Steel
Motor Shaft	AISI 431 / 410
Thrust Bearing	Carbon v/s Self Align Stainless Steel Segments
Journal Bearing	Carbon
Mechanical Seal / Oil Seal	Carbon Vs. Ceramic / NBR With S.S. Spring
Winding Wire	EC Grade Copper With Three Coated Polywrap
Fastners	Stainless Steel
Motor Housing / Connection Plate / Base	Cast Iron / AISI 304

6" Submersible Motors



Salient Features

- Dynamically balanced rotating parts to ensure vibration free operation and long lasting bearing life
- Modern electrical design with greater efficiency and performance
- Mounting parameters and spline coupling are as per international NEMA standard
- Internal surface of motor is coated with corrosion resistance fluid
- Our rigid construction ensure long life of these motors

Technical Details

Max. Outer Diameter	144 mm
Power Range	3.0 to 50 H.P. 2.25 to 37.5 KW
Rated Volts / Frequency	220v, 50 Hz / 60 Hz Single Phase 380 - 415v, 50 Hz / 60 Hz Three Phase
Degree of Protection	IP 68
Type of Duty	S1 (Continuous)
Max. Temp. of Liquid	40°C
Max. Starts Per Hour	12 Times
Mounting Standard	NEMA Standard

Material of Construction

Motor Body	Non Magnetic Stainless Steel
Motor Shaft	AISI 431
Thrust Bearing	Carbon Vs. Self Align S.S. 420 Segments
Journal Bearing	Carbon
Mechanical Seal / Oil Seal	Carbon Vs. Ceramic / NBR With S.S. Spring
Winding Wire	EC Grade Copper With Three Coated Polywrap
Fastners	Stainless Steel
Motor Housing / Connection Plate / Base	Cast Iron / AISI 304

7" Submersible Motor



Salient Features

- Mounting parameters and spline coupling are as per international NEMA standard
- Improved hydraulic design with increased efficiency in each design radial flow & Mix flow
- All casting components are epoxy coated and rotor is chrome plated for corrosion resistance
- High quality materials and CNC machined components ensure more reliability and better performance
- Internal surface of motor is coated with corrosion resistance fluid
- Heavy duty Silicon Carbide Thrust Bearing is used

Technical Details

Max. Outer Diameter	164 mm
Power Range	40.0 to 75.0 H.P. 30.0 to 55.0 KW
Rated Volts / Frequency	380 - 415v, 50 Hz / 60 Hz Three Phase
Degree of Protection	IP 68
Type of Duty	S1 (Continuous)
Max. Temp. of Liquid	40°C
Max. Starts Per Hour	12 Times
Mounting Standard	NEMA Standard

Material of Construction

Motor Body	Non Magnetic Stainless Steel
Motor Shaft	AISI 431
Thrust Bearing	Silicon Carbide
Journal Bearing	Carbon
Mechanical Seal / Oil Seal	Carbon Vs. Ceramic / NBR With S.S. Spring
Winding Wire	EC Grade Copper With Three Coated Polywrap
Fastners	Stainless Steel
Motor Housing / Connection Plate / Base	Cast Iron

8" Submersible Motor



Salient Features

- Mounting parameters and spline coupling are as per international NEMA standard
- Improved hydraulic design with increased efficiency in each design radial flow & Mix flow
- All casting components are epoxy coated and rotor is chrome plated for corrosion resistance
- High quality materials and CNC machined components ensure more reliability and better performance
- Internal surface of motor is coated with corrosion resistance fluid
- Heavy duty Silicon Carbide Thrust Bearing is used

Technical Details

Max. Outer Diameter	186 mm
Power Range	30.0 to 125.0 H.P. 22.5 to 93.0 KW
Rated Volts / Frequency	380 - 415v, 50 Hz / 60 Hz Three Phase
Degree of Protection	IP 68
Type of Duty	S1 (Continuous)
Max. Temp. of Liquid	40°C
Max. Starts Per Hour	12 Times
Mounting Standard	NEMA Standard

Material of Construction

Motor Body	Non Magnetic Stainless Steel
Motor Shaft	AISI 431
Thrust Bearing	Silicon Carbide
Journal Bearing	Carbon
Mechanical Seal / Oil Seal	Carbon Vs. Ceramic / NBR With S.S. Spring
Winding Wire	EC Grade Copper With Three Coated Polywrap
Fastners	Stainless Steel
Motor Housing / Connection Plate / Base	Cast Iron

9" Submersible Motor



Salient Features

- Mounting parameters and spline coupling are as per international NEMA 8" motor standard
- All casting components are epoxy coated and rotor is chrome plated for corrosion resistance
- High quality materials and CNC machined components ensure more reliability and better performance
- Internal surface of motor is coated with corrosion resistance fluid
- Heavy duty Silicon Carbide Thrust Bearing is used

Technical Details

Max. Outer Diameter	215 mm
Power Range	75.0 to 150.0 H.P. 55.0 to 110.0 KW
Rated Volts / Frequency	380 - 415v, 50 / 60 Hz Three Phase
Degree of Protection	IP 68
Type of Duty	S1 (Continuous)
Max. Temp. of Liquid	40°C
Max. Starts Per Hour	12 Times
Mounting Standard	NEMA Standard

Material of Construction

Motor Body	Non Magnetic Stainless Steel
Motor Shaft	AISI 431
Thrust Bearing	Silicon Carbide
Journal Bearing	Carbon
Mechanical Seal / Oil Seal	Carbon Vs. Ceramic / NBR With S.S. Spring
Winding Wire	EC Grade Copper With Three Coated Polywrap
Fastners	Stainless Steel
Motor Housing / Connection Plate / Base	Cast Iron

Solar Pumpset



Salient Features

- The design is most suitable to run on solar power.
- Highly efficient design ensure max. running hours of pump in a day.
- Better discharge and able run on low sun light.
- The water filled motors are most reliable and easy to repair anywhere.
- Wide range of model to meet exact customer demand.
- All pump sets are tested prior to dispatch on solar power.
- Customized model available on request.

Technical Details

Power Range	1.0 to 50.0 H.P. 0.75 to 37.5 KW
Speed	2900 rpm
Degree of Protection	IP 58
Type of Duty	S1 (Continuous)
Max. Temp. of Liquid	40°C
Mounting Standard	NEMA Standard

Vertical Submersible Pump



Salient Features

- All components are precisely machined on modern CNC machine to give precise and accurate dimensions and reliable operation
- Heavy motor body having large volume of water inside to protect winding and maintain inner temperature
- Casting parts are epoxy coated for corrosion resistance
- Innovative and Excellent design & performance
- Pump set are designed to withstand large voltage fluctuation with high operating efficiency
- Customized model is available on request

Technical Details

Power Range	5.0 to 25.0 H.P. 3.75 to 18.5 KW
Rated Volts / Frequency	380 - 415v, 50 Hz Three Phase
Degree of Protection	IP 68
Type of Duty	S1 (Continuous)
Max. Temp. of Liquid	40°C
Max. Starts Per Hour	12 Times

Material of Construction

Motor Body	Cast Iron
Motor & Pump Shaft	AISI 410
Journal Bearing	LTB-4 / Carbon
Fastners	Stainless Steel
Housing / Connection Plate / Base	Cast Iron
Casing	Cast Iron
Impeller	AISI - 410 / 304 or Cast Iron

Horizontal Submersible Pump



Salient Features

- All components are precisely machined on modern CNC machine to give precise and accurate dimensions and reliable operation
- Casting parts are epoxy coated for corrosion resistance
- Pump set are designed to withstand large voltage fluctuation with high operating efficiency
- Heavy motor body having large volume of water inside to protect winding and maintain inner temperature
- All pump sets are tested prior to despatch as per IS standard
- Customized model is available on request
- Innovative and Excellent design & performance

Technical Details

Power Range	0.5 to 20.0 H.P. 0.37 to 15.0 KW
Rated Volts / Frequency	380 - 415v, 50 Hz Three Phase
Degree of Protection	IP 68
Type of Duty	S1 (Continuous)
Max. Temp. of Liquid	40°C
Max. Starts Per Hour	12 Times

Material of Construction

Motor Body	Cast Iron
Motor & Pump Shaft	AISI 410
Journal Bearing	LTB-4 / Carbon
Fastners	Stainless Steel
Housing / Connection Plate / Base	Cast Iron
Casing	Cast Iron
Impeller	AISI - 410 / 304 or Cast Iron

Centrifugal Surface Pump



Salient Features

- Newly developed hydraulic & electric design make it most efficient & Reliable.
- Motor windings are vacuum impregnated and laminations are non oriented silicon steel.
- Superior mechanical shaft seal for longer life and effective sealing against water leakage.
- All cast iron parts are made of close grained FG-260 grade which has life up to 15 years in clean water.
- Fitted with thermal overload protector and double shielded ball bearing.
- Able to run wide voltage band in single & three phase.
- Attractive & efficient Design.
- Protected by thermal overload protector.

Technical Details

Power Range	1.0 to 25.0 H.P. 0.75 to 18.5 KW
Rated Volts / Frequency	220v, 50 Hz Single Phase 380 - 415v, 50 Hz Three Phase
Degree of Protection	IP 68
Type of Duty	S1 (Continuous)
Max. Temp. of Liquid	40°C
Max. Starts Per Hour	12 Times

Material of Construction

Motor Body	Cast Iron
Motor Shaft	AISI 410
Journal Bearing	Double Shielded Ball Bearing
Fastners	Stainless Steel
Housing / Connection Plate / Base	Cast Iron
Casing	Cast Iron
Impeller	Cast Iron

Pressure Booster Pump

Salient Features

- All components are precisely machined on modern CNC machine to give precise and accurate dimensions and reliable operation
- Casting parts are epoxy coated for corrosion resistance
- All rotating components are dynamically balanced to ensure long bearing life and vibration free smooth operation
- Pump set are designed to withstand continuous Start Stop.
- All pump sets are tested prior to dispatch as per IS standard
- Highly Efficient & Reliable Design
- Customized model is available on request



Technical Details

Power Range	0.5 to 2.0 H.P. 0.37 to 1.5 KW
Speed	2900 rpm
Rated Volts / Frequency	220v, 50 Hz / 110v, 60 Hz Single Phase, 380 - 415v, 50 Hz Three Phase
Degree of Protection	IP 55
Type of Duty	S1 (Continuous)
Max. Temp. of Liquid	-20° to 90°C
Noise Level	< 50 db
Pumped Liquid	Clean Water
Insulation Class	F

Material of Construction

Motor Body	Die Casted Aluminium
Motor & Pump Shaft	Stainless Steel
Journal Bearing	Double Shilded (SKF Make)
Fastners	Stainless Steel
Casing, Bracket & End Cover	Cast Iron (CED Coated)
Diffuser	AISI - 304
Impeller	AISI - 304

Self Priming Pump



Salient Features

- All casting components are machined on CNC machines with very close tolerances which reduce noise and increase product life
- Motor is protected by thermal overload protector (TOP)
- Pre lubricated double shielded SKF ball Bearing used for long life
- High performance product with low power consumption
- Motor winding & stamping with synthetic varnish for better moisture resistance
- Powder coated aluminum motor body and inside fixed capacitor with handle for avoid damage and short circuit
- Adequate & un-obstructed self priming capacity due to excellent hydraulic design design & workmanship
- Better aesthetics with compact design
- All pump set are tested as per IS standard
- Customized model is available on request

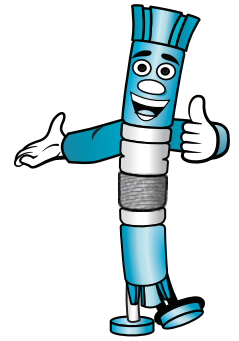
Technical Details

Power Range	0.5 to 1.0 H.P. 0.37 to 0.75 KW
Maximum Head	Upto 30 Metre
Maximum Discharge	40 LPM /2.4 m ³ /h
Max. Temp. of Liquid	40°C
Max. Permissible Amount of Sand in the Water	20 Grams/Cubic Metre
Rated Volts / Frequency	220v, 50 Hz Single Phase, 380 - 415v, 50 Hz Three Phase

Material of Construction

Motor Body	Extruded Aluminum
Motor Shaft	S.S.-410
Mechanical Seal	Carbon Vs. Ceramic
Journal Bearing	Double Shielded Ball Bearing
Casing / Bracket / End Shield	Cast Iron
Impeller Chamber	Cast Iron
Impeller	Brass

FLOTECH[®]



Efficiency • Quality • Reliability



ISO
9001
Company



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