

LUNA Submersible Pumpsets

LUNA Submersible pumpsets are designed and manufactured as per BIS codes in a well equipped HI-Tech plant under supervision of experienced and qualified team with a stage wise rigid inspection procedure under TQM concepts and approved Schemes of Testing & Inspection [STI], **LUNA** team is well known for its excellent after sales service.

SAILENT FEATURES

- > Energy efficient
- > Capability to withstand wide voltage variations
- > Operate well with Genset
- > Non-Overloading power characteristic for protection of the motor
- > Water lubricated bearings for years of service
- > Minimum possible external diameters for easy lowering into the borewell ·
- > Dynamically balanced rotating parts
- > Nitrile rubber bushes for long life of pump
- > Epoxy paint coated metal components for long life and rust prevention

TECHNICAL SPECIFICATIONS

> Suitable for borewell size of	:	100,115,125,150,175,200,225 & 250 mm
> Motor Ratings	:	0.55 to 2.2 KW-1Ph- 2 pole- oil/water colled
	:	0.75 to 30 KW-3Ph- 2 pole/water colled
> Version	:	200-240 V AC, 50 Hz-1ph
	:	380-440 V AC, 50 Hz-3ph
> Delivery Size	:	25,32,40,50,65,80 ,100, 125 & 150 mm
> Type of Duty	:	S1 [Continuous]
> Winding Connection	:	Capacitor Start Capacitor Run - Water Cooled - 1ph
	:	Capacitor Start & Run - Oil Cooled - 1ph
	:	DOL- 1.1 to 5.5 KW-3Ph
	:	S.D. - 7.5 to 30 KW-3Ph
> Cable Connection	:	Permanently connected & sealed
	:	PVC insulated 3-core flat cable
> Motor end Connections	:	Conform to NEMA Standard

APPLICATIONS

- > Continuous water supply for irrigation
- > Water supply for industrial, commercial complexes, domestic, community & building construction
- > Fire Fighting

PUMPING LIQUID

Clean, non-aggressive, non-explosive, clear cold fresh water without abrasives, solid particals or fitres.

MATERIALS OF CONSTRUCTION

· Non-return Valve Housing	: Graded cast iron
· Check Valve	: Stainless steel / engg. plastic
· Impeller	: Stainless steel/ modified PPO
· Diffuser/Bowl	: Modified PPO/ Graded cast iron
· Pump Shaft	: Stainless steel
· Motor Shaft	: Stainless steel
· Suction interconnector	: Graded cast iron
· Coupling	: Stainless steel
· Pump Casing	: Stainless steel] v-3 & v-4 size
· Motor Casing	: Stainless steel] v-3 & v-4 size
· Motor Bearing Bush	: Lead tin bronze
· Stampings	: Electrical steel sheet
· Winding Wire-Conductor	: Electro grade copper
· Winding Wire-Insulation	: Polymer wrapped-water cooled motor : Super enameled- oil cooled motor
· Motor rotor conductor	: Electro grade copper – water cooled motor
· Motor Rotor	: Die cast aluminium - oil cooled motor
· Breather diaphragm	: Nitrile rubber
· Thrust Bearing	: Carbon/Teflon V/S Chromium steel
· Cable Gland	: Nitrile rubber
· Cable-Conductor	: Electro grade Copper
· Insulation	: PVC
· Pump Bush	: Nitrile rubber
· Wearing ring	: PTFE / Nitrile rubber
· Shaft Sleeve	: Stainless Steel [Hard Chrome]



Note:

1. In view of continuous development, the information / description / specifications / illustrations are subject to change without notice.
2. The performance data at different models at different heads can be supplied on request