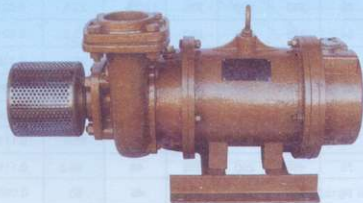


OPENWELL SUBMERSIBLE MONOSET PUMPS



Crompton Greaves Openwell Submersible pumpsets are specially designed for its robustness and for its applications under the submerged condition. Years of experience, superior design and better manufacturing techniques have resulted into development of this range of pumpsets, which are efficient and reliable in operation. Strict quality assurance standards during the total process ensures trouble free and reliable operation with minimum maintenance.

Features

- Suitable for operation under submerged condition in water.
- Specially designed to withstand wide voltage fluctuations in 1 phase as well as 3 phase.
- Motor body made of C.I./SS for sturdiness and long life.
- Fitted with sleeves and thrust bearing for longer life.
- Provided with strainer in S.S.
- Motor is water lubricated and fitted with good quality oil seal.
- Suitable for applications where wide water level fluctuations take place in suction side.
- All internal parts of motor are specially coated with primer to prevent rusting for longer life.
- All 1 phase pumpsets are supplied with 10 metres PVC insulated cable and with Control Panel and all 3 phase pumpsets are supplied with 5 metres PVC insulated cable.
- All rotating parts are dynamically balanced for longer bearing life and vibration free smooth and silent operation.

Applications

Used for water supply where there is wide fluctuations in water level in suction tank or water supply source.

- Irrigation
- Small farms
- Bungalows, multistoried buildings
- Gardens
- Domestic water supply
- Community water supply schemes

Standard Specifications

- **Range :** 1P - 0.37 to 2.2 kW (0.5 to 3.0HP)
3P - 0.37 to 22.5 kW (0.5 to 30.0 HP).
- **Supply :** 415 V, 50Hz, 3 phase, 225V, 50 Hz, 1 Phase AC
- **Pipe Size :** 25 x 25 to 100 x 100 mm
- **Speed :** 3000 RPM (Syn.)
- **Total Head :** Upto 87 Metres
- **Capacity :** Upto 1830 LPM
- **Liquid :** Clear water
- **Rotation :** Clockwise when viewed from motor end
- **Motor :** Totally enclosed water filled squirrel cage induction motor suitable for 225V/1 phase and 415V/3 phase, 50Hz, AC supply.

No.	PART	MATERIAL
15	Thrust Pad	Stainless Steel
16	Thrust Bearing	Carbon finish fibre
17	Thrust Bearing Lock Nut	Stainless Steel
18	End Cover	Graded Cast Iron
19	'ODE' Bush Housing	Graded Cast Iron
20	Base Plate	MS (Fabricated)
21	Oil Seal	—

[illegible]