SUBMERSIBLE PUMP SET – OIL FILLED



STAINLESS STEEL V4 BOREWELL
SUBMERSIBLE PUMP SET
(OIL FILLED)100 MM

DESCRIPTION

VERA submersible pumps & motors are well known for its quality, Reliability & excellence for all type of service purpose. VERA submersible pumps & motors are manufactured under supervision of highly qualified technical team with a stage wise rigid inspection procedure under TQM concepts. Application of Bore well submersible pumps are in Hospitals, Water circulation systems, Water supply systems of Government, Irrigation, Farms & Drip & sprinkler irrigation, Gardening, Nurseries, Domestic water supply, Multistory Building, Industries & Hotels.

VERA oil filled pumps sets are highly efficient, Low power consumption, complete absence of suction trouble. Maintenance free operation due to water lubricating bearings, vibration free & noiseless operation and world class design gives higher discharge & high efficiency. Easily repairable & dismountable.

VERA oil filled submersible motors are easily rewind able & repairable.
Motor filled with food grade cooling oil. Oil filled motor consist of ball bearing to minimize the frictional losses & to increase the efficiency. Oil used as a coolant and work as lubricant in motor so life of motor is increases due to less wear & tear. The basic function of coolant is to lubricant bearing of rotor, removing heat generated in motor and oil is working as a coolant for smooth operation of pump.

VERA BORE WELL SUBMERSIBLE PUMP confirm to IS: 8034.
Mounting dimension of 4" pumps sets are as per NEMA standard

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APPLICATION

- Water supply from bore well
- AC and solar energy compatible
- Water 8upply in commercial establishment
- Small farms, gardening & nurseries.

SPECIFICATION

Power Range	0.5 HP - 5.0 HP in 1 Phase
	0.5 HP - 10 HP in 3 Phase
Version	220-240V 50 Hz, A.G.-1 Phase,
	350 & 40V — 3 Phase
Speed	2880 rpm.
Discharge Range	23 - 250 in 1 Phase
	23 — 250 In 3 Phase
Head Range	42 — 200 mtr In 1 Phase
	42 — 350 mtr in 3 Phase
Outlet size	25, 32, 40 & 50 mm
Degree of Protection	IP 68
Maximum Outer diameter	98 mm
Duty	S1 (Continuous)
Method of starting	Capacitor start and run (CSR) in oil filled In l Phase /DOL in 3 Phase
Mounting Standard	As per NEMA

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MATERIAL OF CONSTRUCTION – PUMP

NRV Housing	Stainless Steel
Check Valve	Stainless Steel
Check Valve Sheet	NBR
Impeller	Stainless Steel
Bowl	Stainless Steel
Pump Shefte	SS 431
Suction inter Connector	Stainless Steel
Coupling	SS 410

MATERIAL OF CONSTRUCTION – MOTOR

Upper, Lower Housing 6 Motor Base	Cast Iron / Stainless Steel
Stator	Cast Iron
Shell Shaft	Stainless Steel
Bearing	Laded Bronze in water filled Anti friction deep groove ball bearing in oil filled
Thrust Set	Carbon Vis SS in water filled