

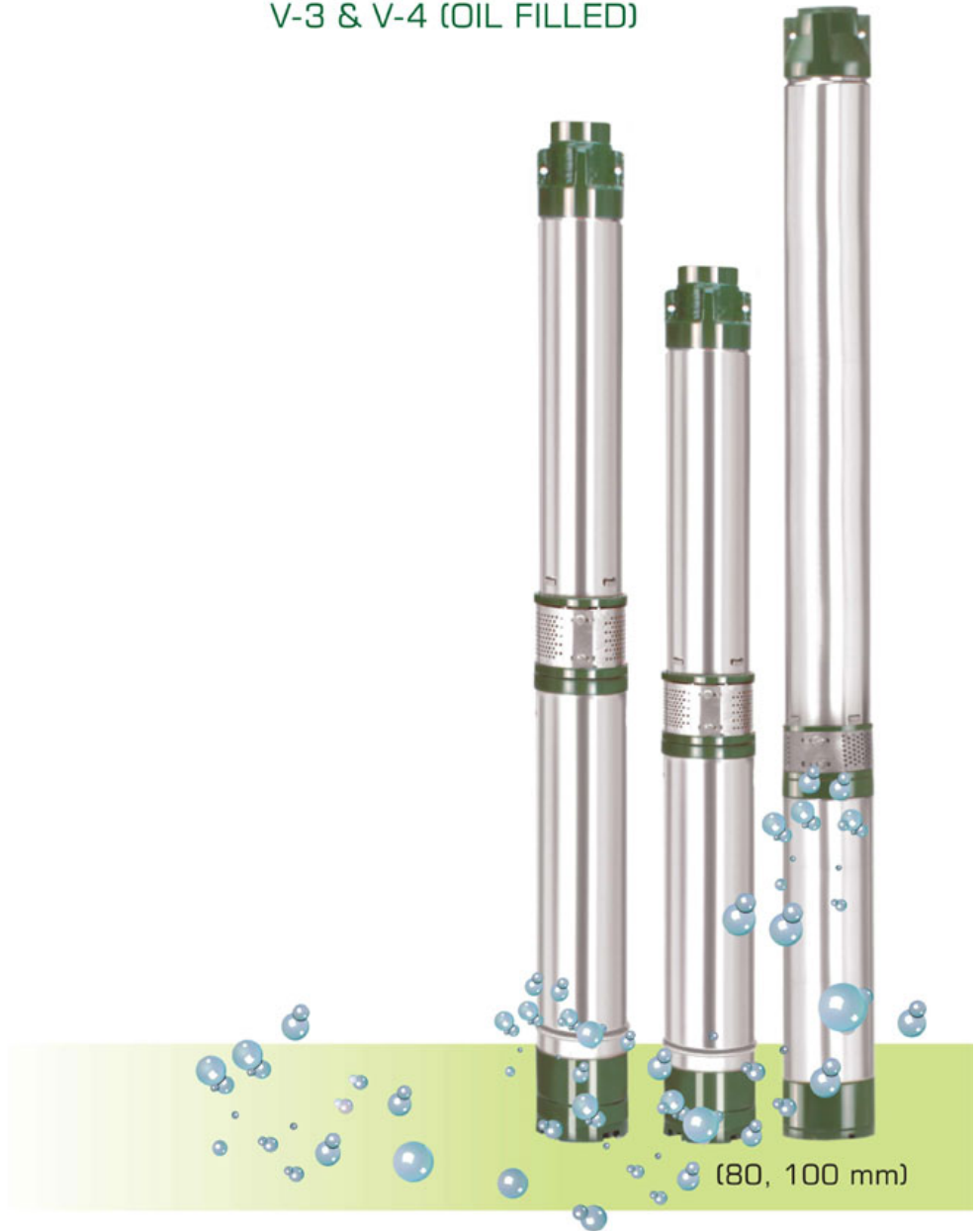


OSWAL

Ushering in Prosperity

Domestic, Agricultural & Industrial Range....

SUBMERSIBLE PUMPSET V-3 & V-4 (OIL FILLED)



(80, 100 mm)





SUBMERSIBLE PUMPS

OSWAL submersible pumps & motors are well known for its quality, Reliability & excellence for all type of service purpose. **OSWAL** submersible pumps & motors are manufactured under supervision of highly qualified technical team with a stage wise rigid inspection procedure under TQM concepts. **OSWAL** team are well known for their excellent services after sales.

Application of Bore well submersible pumps are Hospitals, Water circulation systems, Water supply systems of Government, Irrigation, Farms & Drip & sprinkler irrigation, Gardening, Nurseries, Domestic water supply, Multi-storeyed Building, Industries & Hotels.

OSWAL oil filled pumps are available in model 80mm (V-3) & 100mm (V-4) normal bore with a consumption of various materials with hardwearing bushes makes pumps highly efficient which is useful to corrosion resistance. Various models have a inbuilt check valve facilities which prevent back flow of liquid. Mounting dimension of 3" & 4" pumps sets are as per NEMA standard.

OSWAL 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.

OSWAL BORE WELL SUBMERSIBLE PUMP conform to IS : 8034.

OSWAL oil filled submersible motors are easily rewindable & 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 lubricate bearing of rotor, removing heat generated in motor and oil is working as a coolant for smooth operation of pump.

OSWAL OIL FILLED SUBMERSIBLE PUMP SET conform to IS : 8034.

Specification :

Details	80 mm oil filled	100 mm Oil filled
Power Range	0.5 HP - 1.5 HP (Incorporated with Thermal overload protector**)	0.5 HP - 5 HP - 1 Ph. 0.5 HP - 7.5 HP - 3 Ph. (Incorporated with thermal overload protector**)
Version	200 - 240V, A.C. 50 Hz - 1 Ph.	200 - 240V, A.C. 50 Hz - 1Ph. 380 - 415 V, A.C. 50 Hz - 3Ph.
Speed	2880 rpm.	2880 rpm.
Flow Rate	10 lpm to 65 lpm.	10 lpm to 400 lpm.
Total Head Range	10 mtrs to 105 mtrs.	10 mtrs to 350 mtrs.
Outlet size in inches / mm	1" / 25 mm	1", 1 1/2", 1 1/2", 2", 2 1/2" / 25, 32, 40, 50 & 65 mm.
Degree of Protection	IP 68	IP 68
Direction of Rotation	CCW - 1Ph.	CCW - 1 Ph & CCW, CW - 3Ph.
Maximum Outer diameter	76 mm.	98 mm.
Type of Duty	S1 (Continuous)	S1 (Continuous)
Maximum cooling flow	0.15 m/sec.	0.15 m/sec.
Maximum starts per hour	12 times.	12 times.
Method of starting	Capacitor start and run (CSR) - 1 Ph.	Capacitor start and run (C S R) 1 Ph. (Direct on line (D O L) 3 Ph.
Cable connection	Permanently Connected and sealed PVC insulated 3-core flat cable.	Permanently Connected and sealed PVC Insulated 3-core flat cable.

Pumped Liquids

Clean, thin, non-aggressive, non-explosive, clear, cold, fresh non polluted & without abresives, water having a below technical characteristics.

Maximum Liquid Temperature	33°C (max.)
Permissible amount of sand	25 gm/m ³ (max.) (100mm) 50 gm / m ³ (125-200 mm)
Chlorine ion density	500 ppm (max.)
Allowable solids	3000 ppm (max.)
Viscosity	1.75 x 10 ⁶ m ² /sec (max.)
Turbidity	50 ppm silica scale (max.)
pH value	6.5 to 8.5.
Specific gravity	1.004 (max.)
Hardness (drinking water)	300 (max.)

Material of Construction - Motor

Upper & Lower Housing	C.I.
Stator Shell	S.S. 304
Shaft	S.S. 410
Bearing	Ball Bearing
Mechanical Seal	Carbon / Ceramic
Oil	Food Grade

Noryl* is the registered trade mark of GE plastics **Optional

Exclusively manufactured by :

Oswal Pumps Ltd.

Oswal Estate, NH-1, Kutail Road, P.O. Kutail-132 037,
Distt. KARNAL (Haryana) INDIA

Ph.No. : +91-184-6616600(30 Lines) +91-1748-257701-04

Fax : +91-1748-257700

E-mail : contact@oswalpumps.com

URL : <http://oswalpumps.com>

Material of Construction - Pump

Part Name	Material
Check valve Housing	C.I.
Check Valve	Acetal / Noryl*
Impeller	Noryl*
Diffuser	Noryl*
Pump Shell	S.S. 304
Pump Shaft	S.S. 410 / 431
Suction inter Connector	C.I.
Coupling	S.S. 410

Other Ranges :

