

AN ISO 9001:2008 CERTIFIED COMPANY

VOLTATM

G.H. ENTERPRISES



SUBMERSIBLE PUMPS

MONOBLOCK PUMPS

Quality you Always Remember

SUBMERSIBLE PUMP SET

100 mm OIL COOLED

VOLTA™

VOLTA submersible pumps & motor are well known for its quality, reliability & excellence for all type of service purpose. Volta submersible pumps & motors are manufactured under the supervision of highly qualified technical team with a rigid inspection procedure under TQM concepts. Volta team is well known for their excellent service after sales.

Applications of bore well Submersible pumps: Hospital, Water Circulation System, Water supply system of government, Irrigation in farms, Drip / Sprinkler irrigation, Gardening, Nurseries, Domestic water supply, Multi storeyed building, Industries & Hotels.



SPECIFICATIONS

Details	1HP to 3Hp single phase Submersible Pump Set								
Rated Voltage & Freq.	220 V AC, 50HZ $\pm$ 3%								
Power Range (HP)	1	1	1.5	2	2	2	3	3	3
Maximum Current (Amp)	6	7	10	14	14	14	18	18	18
Stage	8	10	14	7	10	18	9	15	24
Speed (RPM)	2800								
Flow Rate (lps)	70	80	80	240	180	80	240	180	80
Total Head (mtrs)	38	48	75	28	40	85	32	60	95
Outlet Size (inch)	1¼	1¼	2	2	1½	1¼	2, 2.5	1¼	1¼
Direction Of Rotation	ACW								
Maximum Outer Diameter (mm)	98								
Type Of Duty	S1								
Type of Starting	CS&R								

MATERIAL OF CONSTRUCTION



PART NAME	MATERIAL
Upper, Lower	Cast Iron(CI)
NRV Housing	Cast Iron(CI)
Motor Shell & Pump Shell	Ss 202
Motor & Pump Shaft	Ss 410
Impeller & Diffuser	Poly-carbonate (25% GF)
Bearing	Ball Bearing
Mechanical Seal	Carbon & Ceramic
Oil	High Grade

MONOBLOCK PUMP SET

for **CLEAN & COLD WATER**



SPECIFICATIONS

Details			
Power Range	0.5 H.P.	1 H.P.	0.75 H.P.
Power Input Maximum	0.37 Kw	0.750 Kw	000 Kw
Rated Voltage and Freq.	220-v, 50Hz AC-1 ph	220-v, 50Hz AC-1 ph	220-v, 50Hz AC-1 ph
Types of Motor	CS & R	CS & R	CS & R
Insulation Class	B	B	B
Speed	2800 RPM	2800 RPM	2800 RPM
Discharge Range	0.25 lbs	0.50 lbs	0.50 lbs
Head Range	13-21 mtrs.	25-42 mtrs.	25-42 mtrs.
Duty Head	17 mtrs.	34 mtrs.	34 mtrs.
Delivery & Suction Size	25 mm	25 mm	25mm
Suction Lift upto	25 ft	25 ft	25 ft



MATERIAL OF CONSTRUCTION

PART NAME	MATERIAL
Pump Casting	Cast Iron
Motor Frame	Aluminium Alloy
Impeller	Bronze
Shaft	SS 410
Mechanical Seal	Carbon & Ceramic

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VOLTA oil cooled pumps set are Highly efficient, Low power consumption, Complete absence of suction trouble, Maintenance free operation due to ball bearing, Vibration free & Noiseless operation and World class design gives higher discharge & high efficiency. Easily repairable & dismountable.

VOLTA oil cooled submersible motors are easily re-windable & repairable. Motor filled with high 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 increased due to less wear & tear. The basic function of coolant is to provide lubrication to ball bearing of motor, removing heat generated in motor and oil works as a coolant for smooth operation of pump.



DEALERS NAME & STAMP