



100 MM 4" BOREWELL SUBMERSIBLE PUMPS SS SERIES

OMI 100 mm 4" Stainless Steel Borewell Submersible pumps are highly energy-efficient products that are lightweight and easy to install with noiseless operations, they are specially designed to withstand high axial thrust load. These pumps are developed and manufactured by the continuous efforts and innovation of our R&D Team with prime experience in manufacturing pumps for the past 50 years.

SALIENT FEATURES

- Highly Energy Efficient • Lightweight energy-efficient and easy to install
- Noiseless Operation • Wet Type, Water Cooled and Rewindable motors.
- Suitable for wide Voltage fluctuations • High Operating Efficiency
- Can be easily dismantled and repaired.
- Dynamically balanced rotating parts.
- Specially designed bearings to withstand high axial thrust load
- Suitable for under-sized 150 mm borewells

APPLICATIONS :



PRODUCT SPECIFICATIONS

Power Range	2HP- 5HP
Phase / Voltage Range	Single Phase 180v - 220v Three-phase, 350 -415V, 50Hz, A.C Supply
Maximum total head	400 meters
Maximum flow rate	25000 lph
Maximum Outer diameter in mm	105 mm
Nominal outlet size	1.25", 1.5", 2" (32,40,50mm)
Rotor	Copper Brazed Rotor
Bush	LTB 4 Bush / Carbon
Bearing	Carbon Pad with Segment Bearing
Impeller	Virgin Noryl / SS
Casing	Virgin Noryl/ SS / CI

PERFORMANCE CHART

Model Description	Motor		Stage	Phase	Pump Size Delivery	TOTAL HEAD IN METER														
	Hp	Kw				30	45	60	75	90	105	120	135	150	180	210	240	270	300	330
PREMIUM 2/15 HH CU	2	1.5	15	1	32 mm	102	93	84	69	48	34									
PREMIUM 2/18 HH CU	2	1.5	18	1	32 mm	105	97	88	78	65	52	35								
PREMIUM 2/20 HH CU	2	1.5	20	1	32 mm	94	87	80	70	62	53	42								
PREMIUM 2/22 HH CU	2	1.5	22	1	32 mm	88	82	75	70	65	55	51	41	34	12					
PREMIUM 2/30 HH CU	2	1.5	30	1	32 mm	84	78	72	67	61	56	49	43	36	21	8				
PREMIUM 3/20 HH CU	3	2.2	20	3	32 mm	114	107	97	87	76	63	51	36	18						
PREMIUM 3/25 HH CU	3	2.2	25	3	32 mm	100	88	85	78	72	66	60	52	45	35					
PREMIUM 3/30 HH CU	3	2.2	30	3	32 mm	99	94	89	82	77	71	65	60	51	36	18				
PREMIUM 5/25 HH CU	5	3.7	25	3	32 mm	120	114	106	100	92	86	76	68	59						
PREMIUM 5/30 HH CU	5	3.7	30	3	32 mm	122	118	114	108	102	96	90	78	66	54	38				
PREMIUM 5/36 HH CU	5	3.7	36	3	32 mm	125	120	115	110	105	97	94	87	81	66	51	36	20	12	0



