



125 MM (5")/ 100 MM (4") BOREWELL SUBMERSIBLE PUMPS OMR5/4 SERIES

OMI 125/100 mm (5/4") 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 Suitable for under-sized 150 mm borewells. 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.
- Oil Filled Motors are also available • 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

APPLICATIONS :



PRODUCT SPECIFICATIONS

Power Range	3HP-10 HP
Phase / Voltage Range	Three-phase, 350 -415V, 50Hz, A.C Supply
Maximum total head	250 meters
Maximum flow rate	25000 lph
Maximum Outer diameter in mm	120 mm
Nominal outlet size	1.5", 2", 2.5". (40,50,65 mm)
Rotor	Copper Brazed Rotor
Bush	LTB 4 Bush / Carbon
Bearing	Carbon Pad with Segment Bearing
Impeller	Virgin Noryl / SS
Casing	Virgin Noryl/ SS / CI

Sr.No	HP	Stage	Middle	Del. Size mm	Discharge in LPM & m ³ /h and Total Head Range in Meter						
					LPM	288	240	200	168	150	108
					m ³ /h	17.28	17.28	17.28	17.28	17.28	17.28
						2.0	4.0	6.0	7.5	8.0	9.0
1	3.0	6	-	50	-	12	24	36	45	48	54
2	5.0	10	-	50	-	20	40	60	75	80	90
3	6.0	12	1	50	-	24	48	72	90	96	108
4	7.5	15	1	50	-	30	60	90	113	120	135
5	10.0	20	1	50	-	40	80	120	150	160	180
6	12.5	25	2	50	-	50	100	150	188	200	225

Sr.No	HP	Stage	Middle	Del. Size mm	Discharge in LPM & m ³ /h and Total Head Range in Meter						
					LPM	240	216	174	138	126	96
					m ³ /h	14.40	12.96	10.44	8.28	7.56	5.76
						2.0	4.0	6.0	7.5	8.0	9.0
1	3.0	6	-	50	-	16	32	48	60	64	72
2	5.0	10	-	50	-	26	52	78	98	104	117
3	6.0	12	1	50	-	32	64	96	120	128	144
4	7.5	15	1	50	-	36	72	108	135	144	162
5	10.0	20	1	50	-	48	96	144	180	192	216

