



## 100 MM 4" BOREWELL SUBMERSIBLE PUMPS WATER FILLED

OMI 100 mm 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. 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 and easy to install
- Noiseless Operations • 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	0.5HP-5 HP
Phase / Voltage Range	Single-phase 180-240V, Three-phase, 350 -415V, 50Hz, A.C Supply
Maximum total head	400 meters
Maximum flow rate	25000 lph
Maximum Outer diameter in mm	98 mm
Nominal outlet size	1.25", 1.5", 2" (32,40,50 mm)
Rotor	Copper Brazed Rotor / Alu Pressure Die Cast
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	DISCHARGE IN LPM TOTAL HEAD IN METER										
	Hp	Kw				15	30	45	60	75	90	105	120	135	150	
MINI 1/6 HH AL	1	0.75	6	1	25 mm	87	69	30								
SLIM 1/6 HH AL	1	0.75	6	1	32 mm	87	69	30								
SLIM 1/8 HH AL	1	0.75	8	1	32 mm	57	42	24								
SLIM 1/8 HH AL E	1	0.75	8	1	32 mm	64	48	28								
SLIM 1/10 HH AL E	1	0.75	10	1	32 mm	64	54	41	24							
SLIM 1/8 HH AL R	1	0.75	8	1	32 mm	96	81	60	24							
SLIM 1/10 HH AL R	1	0.75	10	1	32 mm	66	52	36	17							



Model Description	Motor		Stage	Phase	Pump Size Delivery	DISCHARGE IN LPM	TOTAL HEAD IN METER									
	Hp	Kw					15	30	45	60	75	90	105	120	150	180
MAGIC 1/6 HH AL	0.50	0.37	6	1	32 mm	87	69	30								
MAGIC 1/8 HH AL	0.50	0.37	8	1	32 mm	57	42	24								
MAGIC 1/8 HH AL E	1	0.75	8	1	32 mm	64	48	28								
MAGIC 1/10 HH AL E	1	0.75	10	1	32 mm	64	54	41	24							
MAGIC 1/8 HH AL R	1	0.75	8	1	32 mm	96	81	60	24							
MAGIC 1/10 HH AL R	1	0.75	10	1	32 mm	68	57	42	24	17						
MAGIC 1/12 HH AL R	1	0.75	12	1	32 mm	84	75	64	51	36	12					
MAGIC 1.5/12 HH AL	1.5	1.10	12	1	32 mm	104	96	84	70	52	24					
MAGIC 1.5/15 HH AL	1.5	1.10	15	1	32 mm		88	76	65	52	36	22				
MAGIC 1.5/18 HH AL	1.5	1.10	18	1	32 mm		85	78	69	61	51	42	30	15		
MAGIC 2/15 HH AL	2	1.50	15	1	32 mm	112	102	93	84	69	48	34				
MAGIC 2/18 HH AL	2	1.50	18	1			105	97	88	78	65	52	35			
MAGIC 2/20 HH AL	2	1.50	20	1			94	87	80	70	62	53	42			
MAGIC 2/22 HH AL	2	1.50	22	1			88	82	75	70	65	55	51	54	12	

Model Description	Motor		Stage	Phase	Pump Size Delivery	DISCHARGE IN LPM	TOTAL HEAD IN METER				
	Hp	Kw					15	30	45	60	75
MAGIC 1/5 LH AL	1	0.37	6	1	50 mm	175					
MAGIC 1/7 LH AL	1	0.75	7	1	40 mm	140	90				
MAGIC 1/10 LH AL	1	0.75	10	1	40 mm	114	96	60			
MAGIC 1.5/7 LH AL	1.5	1.1	7	1	50 mm	204	138				
MAGIC 1.5/9 LH AL	1.5	1.1	9	1	40 mm	156	126	36			
MAGIC 1.5/12 LH AL	1.5	1.1	12	1	40 mm	145	122	96	55		
MAGIC 1.5/15 LH AL	1.5	1.1	15	1	40 mm	120	100	75	24		
MAGIC 1.5/18 LH AL	1.5	1.1	15	1	32 mm	132	120	100	75	24	

