



## HORIZONTAL OPEN WELL SUBMERSIBLE PUMPS-MAGNUM

OMI Horizontal 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. Energy-efficient. 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

- Easy to install
- Noiseless Operation • Wet Type, Water Cooled and Rewindable motors.
- Suitable for wide Voltage fluctuations
- Can be easily dismantled and repaired.
- Long-life due to sturdy construction.
- Can be used as a submersible pump in the open well maintenance open well discharge.
- Dynamically balanced rotating parts.

### APPLICATIONS :



Agricultural/  
Irrigation



Sprinkler  
And Drip



Farms



Fountains



Rural  
Water Supply



Canals

# PRODUCT SPECIFICATIONS

Power Range	3 HP – 25HP
Phase / Voltage Range	80- 240 V, Single Phase, 50 Hz, A.C. Supply 350- 415 V, Three Phase, 50 Hz, A.C. Supply
Maximum total head	54 meters
Maximum flow rate	96000 lph
Nominal outlet size	2",2.5"3",4"(50,65,80,100 mm)
Rotor	Copper Brazed Rotor
Bush	LTB 4 Bush / Carbon
Bearing	SS with Carbon
Impeller	CI
Casing	CI
Body	CI

Model Description	Motor		Pump Size	DISCHARGE IN LPM	TOTAL HEAD IN METERS												
	Hp	Kw			Delivery	6	9	12	15	18	21	24	27	30	33	36	39
<b>SMART SERIES</b>																	
Magnum 3/50-22 Al	3	2.2	50 mm (2")		960	870	780	650	380								
Magnum 3/50-27 Al	3	2.2	50 mm (2")		770	730	680	630	560	480	360						
Magnum 3/65-18 Al	3	2.2	65 mm (2.5")		1150	1050	930	780	380								
Magnum 3/75-15 Al	3	2.2	80 mm (3")		1320	940	250										
Magnum 3/100-12 Al	3	2.2	100 mm (4")		2200	1900	1600										
Magnum 3/50-22 Cu	3	2.2	50 mm (2")		960	870	780	650	380								
Magnum 3/50-27 Cu	3	2.2	50 mm (2")		770	730	680	630	560	480	360						
Magnum 3/65-18 Cu	3	2.2	65 mm (2.5")		1150	1050	930	780	380								
Magnum 3/75-15 Cu	3	2.2	80 mm (3")		1320	940	250										
Magnum 3/100-12 Cu	3	2.2	100 mm (4")		2200	1900	1600										
Magnum 5/50-30 Al	5	3.7	50 mm (2")		1160	1100	1020	930	830	710	570	400					
Magnum 5/50-34 Al	5	3.7	50 mm (2")					780	750	700	640	580	500	400			
Magnum 5/50-42 Al	5	3.7	50 mm (2")						560	530	490	460	420	380	310	250	
Magnum 5/65-26 Al	5	3.7	65 mm (2.5")		1270	1200	1100	1000	850	670	380						
Magnum 5/75-22 Al	5	3.7	80 mm (3")		1700	1550	1360	1150	820								
Magnum 5/100-15 Al	5	3.7	100 mm (4")		2400	2200	2000	1700									
Magnum 5/50-30 Cu	5	3.7	50 mm (2")		1160	1100	1020	930	830	710	570	400					
Magnum 5/50-34 Cu	5	3.7	50 mm (2")					780	750	700	640	580	500	400			
Magnum 5/50-42 Cu	5	3.7	50 mm (2")						560	530	490	460	420	380	310	250	
Magnum 5/65-26 Cu	5	3.7	65 mm (2.5")		1270	1200	1100	1000	850	670	380						
Magnum 5/75-22 Cu	5	3.7	80 mm (3")		1700	1550	1360	1150	820								
Magnum 5/100-15 Cu	5	3.7	100 mm (4")		2400	2200	2000	1700									

Model Description	Motor		Pump Size	DISCHARGE IN LPM	TOTAL HEAD IN METERS													
	Hp	Kw			Delivery	9	12	15	18	21	24	27	30	33	36	39	42	45
<b>SMART SERIES</b>																		
Magnum 7.5/50-42 Al	7.5	5.5	50 mm (2")					1200	1100	1000	900	750	600	450				
Magnum 7.5/50-46 Al	7.5	5.5	50 mm (2")				1050	990	930	840	760	620	570	440	300			
Magnum 7.5/65-36 Al	7.5	5.5	65 mm (2.5")		1450	1380	1310	1230	1140	1020	950	700	400					
Magnum 7.5/75-27 Al	7.5	5.5	80 mm (3")		2000	1880	1700	1500	1300	900	500							
Magnum 7.5/100-24 Al	7.5	5.5	100 mm (4")		2450	2250	2000	1700	1200									
Magnum 7.5/50-42 Cu	7.5	5.5	50 mm (2")					1200	1100	1000	900	750	600	450				
Magnum 7.5/50-46- Cu	7.5	5.5	50 mm (2")				1050	990	930	840	760	620	570	440	300			
Magnum 7.5/65-36 Cu	7.5	5.5	65 mm (2.5")		1450	1380	1310	1230	1140	1020	950	700	400					
Magnum 7.5/75-27 Cu	7.5	5.5	80 mm (3")		2000	1880	1700	1500	1300	900	500							
Magnum 7.5/100-24 Cu	7.5	5.5	100 mm (4")		2450	2250	2000	1700	1200									
Magnum 7.5/50-50 Cu	7.5	5.5	50 mm (2")					880	840	780	730	670	600	520	430	340	250	
Magnum 10/50-54 Cu	10	7.5	50 mm (2")					1250	1220	1200	1130	1050	980	900	780	650	450	
Magnum 10/65-44 Cu	10	7.5	65 mm (2.5")		1920	1850	1740	1650	1560	1430	1300	1150	1000					
Magnum 10/75-34 Cu	10	7.5	80 mm (3")		2180	2080	1950	1850	1700	1500	1400							
Magnum 10/100-27 Cu	10	7.5	100 mm (4")		2600	2450	2300	2100	1750	1300								

