



HORIZONTAL OPEN WELL SUBMERSIBLE PUMPS-SPECTRUM

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

PRODUCT SPECIFICATIONS

Power Range	3HP - 5HP
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	36 meters
Maximum flow rate	96000 lph
Nominal outlet size	2",2.5"3"(50,65,80 mm)
Rotor	Alu / Copper Brazed Rotor
Bush	LTB 4 Bush / Carbon
Bearing	SS with Carbon
Impeller	CI
Casing	CI
Body	CI

Model Description	Motor		Pump Size Delivery	DISCHARGE LPM	TOTAL HEAD IN METERS										
	Hp	Kw			6	9	12	15	18	21	24	27	30	33	
Spectrum 3/50-22 Al	3	2.2	50 mm (2")		960	870	780	650	380						
Spectrum 3/50-27 Al	3	2.2	50 mm (2")		770	730	680	630	560	480	360				
Spectrum 3/65-18 Al	3	2.2	65 mm (2.5")		1150	1050	930	780	380						
Spectrum 3/50-22 Cu	3	2.2	50 mm (2")		960	870	780	650	380						
Spectrum 3/50-27 Cu	3	2.2	50 mm (2")		770	730	680	630	560	480	360				
Spectrum 3/65-18 Cu	3	2.2	65 mm (2.5")		1150	1050	930	780	380						
Spectrum 5/50-30 Al	5	3.7	50 mm (2")		1160	1100	1020	930	830	710	570	400			
Spectrum 5/50-34 Al	5	3.7	50 mm (2")					780	750	700	640	580	500	400	
Spectrum 5/65-26 Al	5	3.7	65 mm (2.5")	1270	1200	1100	1000	850	670	380					
Spectrum 5/50-30 Cu	5	3.7	50 mm (2")	1160	1100	1020	930	830	710	570	400				
Spectrum 5/50-34 Cu	5	3.7	50 mm (2")				780	750	700	640	580	500	400		
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