



**V-8 & V-9 HORIZONTAL OPENWELL SUBMERSIBLE PUMPS**

**V8 CAST IRON OPENWELL SUBMERSIBLE PUMPS**

SPECIFICATIONS	
Power Range	2.2kW - 5.5kW (3.0 HP - 7.50 HP) Horizontal - Three Phase
Speed	2880 RPM
Version	Three Phase, 415 V (+6%/-15%) AC 50 Hz
Head Range	6 to 60 Meter
Discharge Range	1500 to 170 LPM
Nominal outlet size in inches	2, 2.5, 3, & 4 Inches
Degree of Protection	IP 58.
Direction of Rotation	Anti Clockwise when viewed from front side
Type of Duty	S1 (Continuous)
Method of Starting	DOL (Direct on Line)

**V9 STAINLESS STEEL OPENWELL SUBMERSIBLE PUMPS**

SPECIFICATIONS	
Power Range	2.2kW - 7.5kW (3.0 HP - 10.0 HP) Horizontal - Three Phase
Speed	2880 RPM
Version	Three Phase, 415 V (+6%/-15%) AC 50 Hz
Head Range	12 to 60 Meter
Discharge Range	1930 to 285 LPM
Nominal outlet size in inches	2, 2.5, 3, & 4 Inches
Degree of Protection	IP 58.
Direction of Rotation	Anti Clockwise when viewed from front side
Type of Duty	S1 (Continuous)
Method of Starting	DOL (Direct on Line) up to 5.5kW (7.50 HP) SD (Star Delta) 7.5kW (10 HP)

FEATURES
<ul style="list-style-type: none"> <li>• Specially designed journal bushes for better cooling effect.</li> <li>• Designed for wide voltage fluctuations.</li> <li>• High operating efficiency.</li> <li>• Epoxy Hard Coating on Rotor &amp; Stator for protection against Rusting.</li> </ul>

APPLICATIONS
<ul style="list-style-type: none"> <li>▣ Residence</li> <li>▣ Small Farms</li> <li>▣ Nurseries</li> <li>▣ Fountains</li> <li>▣ Hotels</li> <li>▣ Small Industries</li> <li>▣ Irrigation and Sprinkler</li> <li>▣ Pond</li> <li>▣ Canal</li> </ul>

PUMPED LIQUIDS
Clean, thin, non-aggressive, non-explosive, clear cold, fresh water without abrasives, solid particles or fibre.



V8 CAST IRON OPENWELL SUBMERSIBLE PUMPS

Pump Type		Group		Rotor		Impeller		Body															
Openwell		Horizontal		Aluminium		Cast Iron		Cast Iron															
<b>APPROXIMATE PERFORMANCE DATA AT 50Hz, 2800 RPM / Rated Voltage : 380V. Voltage Range : 250V / 415V</b>																							
<b>Aluminium Rotor (Three Phase)</b>				<b>TOTAL HEAD METER</b>																			
Sr. No.	Model	Size in MM	H.P.	KW	6	8	12	14	16	18	20	22	24	26	28	30	32	34	37	40	43	46	49
1	* FMO8AT-350	65 x 50	3.00	2.25			605	586	548	516	448	414	346	270	180	70							
2	* FMO8AT-365	65 x 65	3.00	2.25			745	685	615	515	390												
3	* FMO8AT-550	65 x 50	5.00	3.75			620	610	600	590	580	575	570	560	550	518	472	418	250				
4	FMO8AT-550 HH	65 x 50	5.00	3.75									793	768	740	689	600	550	516	375	300		
5	* FMO8AT-565	65 x 65	5.00	3.75				1056	980	848	799	763	722	668	578	438							
6	FMO8AT-510	100 x 100	5.00	3.75	1448	1380	1220	1100	910	753	537												
7	* FMO8AT-750	65 x 50	7.50	5.50							850	827	800	786	765	732	706	636	566	495	416	281	268
8	* FMO8AT-765	65 x 65	7.50	5.50			1300	1189	1150	1057	1001	968	871	800	746	640	585	345					
9	FMO8AT-780	100 x 80	7.50	5.50			1800	1730	1600	1550	1455	1365	1150	900	450								
10	FMO8AT-710	100 x 100	7.50	5.50	1880	1815	1760	1660	1585	1510	1400	1260	1000										

V8 CAST IRON OPENWELL SUBMERSIBLE PUMPS

Pump Type		Group		Rotor		Impeller		Body															
Openwell		Horizontal		Copper		Cast Iron		Cast Iron															
<b>APPROXIMATE PERFORMANCE DATA AT 50Hz, 2800 RPM / Rated Voltage : 380V. Voltage Range : 250V / 415V</b>																							
<b>Copper Rotor (Three Phase)</b>				<b>TOTAL HEAD METER</b>																			
Sr. No.	Model	Size in MM	H.P.	KW	6	8	12	14	16	18	20	22	24	26	28	30	32	34	37	40	43	46	49
1	* FMO8CT-550	65 x 50	5.00	3.75			620	610	600	590	580	575	570	560	550	518	472	418	250				
2	FMO8CT-550 HH	65 x 50	5.00	3.75									793	768	740	689	600	550	516	375	300		
3	* FMO8CT-565	65 x 65	5.00	3.75				1056	980	848	799	763	722	668	578	438							
4	FMO8CT-510	100 x 100	5.00	3.75	1448	1380	1220	1100	910	753	537												
5	* FMO8CT-750	65 x 50	7.50	5.50							850	827	800	786	765	732	706	636	566	495	416	281	268
6	* FMO8CT-765	65 x 65	7.50	5.50			1300	1189	1150	1057	1001	968	871	800	746	640	585	345					
7	FMO8CT-780	100 x 80	7.50	5.50			1800	1730	1600	1550	1455	1365	1150	900	450								
8	FMO8CT-710	100 x 100	7.50	5.50	1880	1815	1760	1660	1585	1510	1400	1260	1000										

■ Pump Result Depend on Pipe Loss, Voltage, Frequency, Wrong Cable Selection.

