

COPPER

SPECIFICATIONS	
Power Range	0.37kW - 3.7kW (0.5 HP - 5.0 HP) Horizontal - Single Phase 1.5kW - 3.7kW (2.0 HP - 5.0 HP) Horizontal - Three Phase
Speed	2880 RPM
Version	Single Phase, 220 V (+6%/-15%) AC 50 Hz Three Phase, 415 V (+6%/-15%) AC 50 Hz
Head Range	8 to 32 Meter
Discharge Range	1100 to 272 LPM
Nominal outlet size in inches	1, 1.25, 1.5, 2, 2.5, 3 Inches
Degree of Protection	IP 58.
Direction of Rotation	Anti Clockwise when viewed from front side
Type of Duty	S1 (Continuous)
Method of Starting	Capacitor Start Capacitor Run, DOL (Direct on Line)

FEATURES
<ul style="list-style-type: none"> • Specially designed journal bushes for better cooling effect. • Designed for wide voltage fluctuations. • High operating efficiency.

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

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



V-5
& V-7

HORIZONTAL OPENWELL SUBMERSIBLE PUMPS - COPPER



Pump Type	Group	Rotor	Impeller	Body
Openwell	Horizontal	Copper	Cast Iron	Stainless Steel

APPROXIMATE PERFORMANCE DATA AT 50Hz, 2800 RPM / Rated Voltage : 220V. Voltage Range : 160V / 220V

V5 & V7 Series (Single Phase)					TOTAL HEAD METER															
Sr. No.	Model	Size in MM	H.P.	KW	DISCHARGE IN LPM	8	10	12	14	16	17	18	20	22	24	26	28	30	32	
1	* FMOC - 525	25 x 25	0.50	0.37		160	150	130	110	80	65	40	-	-	-	-	-	-	-	-
2	* FMOC - 125	25 x 25	1.00	0.75		220	218	210	204	192	184	175	168	144	135	122	101	58	-	-
3	* FMOC - 150	50 x 50	1.00	0.75		333	300	277	249	211	174	148	95	-	-	-	-	-	-	-
4	FMOC - 250 HH	50 x 50	2.00	1.50		-	-	-	434	424	412	390	348	302	273	243	179	-	-	-
5	* FMOC - 250	50 x 50	2.00	1.50		425	400	380	370	350	325	300	245	175	98	-	-	-	-	-
6	FMOC - 350 HH	50 x 50	3.00	2.25		-	-	-	487	453	444	440	413	370	347	303	255	193	125	-
7	* FMOC - 350	65 x 50	3.00	2.25		-	620	592	580	528	492	430	396	295	168	-	-	-	-	-
8	FMOC - 550	65 x 50	5.00	3.75		-	-	668	625	609	575	556	521	505	469	433	388	330	272	-
9	FMOC - 565	65 x 65	5.00	3.75		1000	900	860	815	770	735	700	640	560	330	330	-	-	-	-

- Rates for 0.50 HP & 1.00 HP (Single Phase) Are Inclusive of Complementary Starter Panel. ■ Pump Set Result Depend on Pipe Loss, Voltage, Frequency, Wrong Cable Selection
- Pump with * * * are ISI marked.

APPROXIMATE PERFORMANCE DATA AT 50Hz, 2800 RPM / Rated Voltage : 380V. Voltage Range : 250V / 415V

V7 Series (Three Phase)					TOTAL HEAD METER															
Sr. No.	Model	Size in MM	H.P.	KW	DISCHARGE IN LPM	8	10	12	14	16	17	18	20	22	24	26	28	30	32	
1	FMOCT - 125	25 x 25	1.00	0.75		220	218	210	204	192	184	175	168	144	135	122	101	58	-	-
2	FMOCT - 250 HH	50 x 50	2.00	1.50		-	-	-	434	424	412	390	348	302	273	243	179	-	-	-
3	FMOCT - 250	50 x 50	2.00	1.50		465	430	410	380	340	310	295	235	155	-	-	-	-	-	125
4	FMOCT - 350 HH	50 x 50	3.00	2.25		-	-	-	487	453	444	440	413	370	347	303	255	193	-	-
5	* FMOCT - 350	65 x 50	3.00	2.25		-	620	592	580	528	492	430	396	295	168	-	-	-	-	272
6	* FMOCT - 550	65 x 50	5.00	3.75		-	-	668	625	609	575	556	521	505	469	433	388	330	-	-
7	* FMOCT - 565	65 x 65	5.00	3.75		-	1000	900	840	775	790	710	640	560	465	340	-	-	-	-

- Power Range (for 1 PH.) : 0.5 HP to 5 HP ■ Power Range (for 3 PH.) : 3 HP to 10 HP ■ Total Head : Up to 32 Mtrs. ■ Flow Rate : Up to 1000 LPM
- Application : Water Supply in Agriculture Irrigation, Sprinkler and Drip Irrigation, Residential Colonies, Bungalows, High rise Buildings, Hotels, Hospitals, Gardening and Civil work, Water circulation in power plants and Industries.

