

 **CENTRIFUGAL MONOBLOCK PUMPS**

SPECIFICATIONS	
Power Range	0.37 kW - 2.2 kW (0.5 HP - 3.0 HP) Horizontal - Single Phase 0.37kW - 7.35kW (0.5 HP - 10.0 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	6 to 42 Meter
Discharge Range	2100 to 530 LPM
Nominal outlet size in inches	1, 1.25, 1.5, 2, 2.5, 3 & 4 Inches
Degree of Protection	IP 44 / IP 54
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) SD (Star Delta)

FEATURES
<ul style="list-style-type: none"> • Designed for wide voltage fluctuations. • High operating efficiency. • Suitable for Low Voltage Application • Built in Thermal Overload Protector

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.



APPROXIMATE PERFORMANCE DATA AT 50Hz, 2800 RPM																				
Single Phase : Rated Voltage : 220V, Voltage Range : 160V / 240V																				
Sr. No.	Model	Size in MM	H.P.	KW	TOTAL HEAD METER															
					6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36
1	* FMCM-25	25 x 25	0.50	0.37	-	-	158	150	132	115	90	68	37	-	-	-	-	-	-	-
2	* FMCM-40	40 x 40	0.50	0.37	265	236	206	166	112	-	-	-	-	-	-	-	-	-	-	-
3	* FMCM-125	25 x 25	1.00	0.75	140	130	125	120	115	110	105	102	100	95	90	75	50	38	-	-
4	* FMCM-140	40 x 40	1.00	0.75	320	280	260	235	210	175	120	-	-	-	-	-	-	-	-	-
5	* FMCM-150	50 x 50	1.00	0.75	485	415	345	260	115	-	-	-	-	-	-	-	-	-	-	-
6	FMCM-1540	50 x 40	1.50	1.10	350	340	325	315	285	240	180	100	-	-	-	-	-	-	-	-
7	FMCM-240	50 x 40	2.00	1.50	575	550	525	500	485	470	450	420	382	340	295	230	120	-	-	-
8	* FMCM-265	65 x 50	2.00	1.50	580	563	511	472	432	381	328	245	-	-	-	-	-	-	-	-
9	* FMCM-280	80 x 80	2.00	1.50	890	745	649	500	265	-	-	-	-	-	-	-	-	-	-	-
10	FMCM-350	50 x 50	3.00	2.25	-	-	-	550	530	510	483	450	400	370	322	260	188	-	-	-
11	FMCM-365	80 x 65	3.00	2.25	-	-	700	644	604	555	485	433	358	226	-	-	-	-	-	-
12	FMCM-380	80 x 80	3.00	2.25	1050	935	830	675	465	244	-	-	-	-	-	-	-	-	-	-

■ Pump Result Depend on Pipe Loss, Voltage, Frequency, Wrong Cable Selection ■ All above Models Also Available Two Phase & Three Phase Configuration.
 ■ Pump with "*" are ISI marked ■ All 1Ø / 2Ø Are Fitted with Imported Thermal Overload Protector.

Three Phase : Rated Voltage : 415V, Voltage Range : 350V / 440V																														
Sr. No.	Model	Size in MM	H.P.	KW	TOTAL HEAD METER																									
					6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	43	46	49	52	55	58	61	64
1	FMCMT - 550	65 x 50	5.00	3.7	-	-	-	-	-	-	-	-	-	750	690	660	640	610	570	530	428	300	-	-	-	-	-	-	-	
2	FMCMT - 565	80 x 65	5.00	3.7	-	-	-	1080	1065	980	910	845	770	645	580	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	FMCMT - 510	100 x 100	5.00	3.7	1448	1380	1300	1222	1100	910	753	537	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4	FMCMT - 750	65 x 50	7.50	5.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	925	898	880	859	775	715	653	581	508	406
5	FMCMT - 765	80 x 65	7.50	5.5	-	-	-	-	-	1156	1083	1000	955	884	790	700	658	492	-	-	-	-	-	-	-	-	-	-	-	
6	FMCMT - 710	100 x 100	7.50	5.5	1850	1800	1750	1710	1600	1550	1500	1400	1250	900	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
7	FMCMT - 1065	80 x 65	10.00	7.50	-	-	-	-	-	-	-	-	-	1436	1398	1350	1257	1167	1080	953	812	533	-	-	-	-	-	-	-	
8	FMCMT - 1080	100 x 80	10.00	7.50	-	-	2100	1986	1889	1843	1800	1750	1646	1470	1330	1276	1095	855	480	-	-	-	-	-	-	-	-	-	-	

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.

