



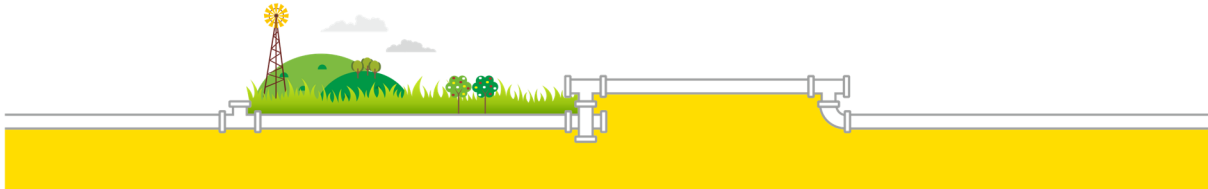
SELF PRIMING MONOBLOCK PUMPS

SPECIFICATIONS	
Power Range	0.37 kW - 0.75 kW (0.5 HP - 1.0 HP) Single Phase
Speed	2880 RPM
Version	Single Phase, 220 V (+6%/-15%) AC 50 Hz
Head Range	4 to 42 Meter
Discharge Range	3000 to 540 LPH
Nominal outlet size in inches	0.5 & 1 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

FEATURES	
<ul style="list-style-type: none"> • EC Grade Copper winding wire • Electrical grade silicon steel stamping • SS 410 grade pump shaft 	<ul style="list-style-type: none"> • Fitted with NBC make bearings • CI Graded Casting • Less maintenance, Noiseless Run.

APPLICATIONS	
<ul style="list-style-type: none"> ▪ Residence ▪ Garden ▪ Nurseries 	<ul style="list-style-type: none"> ▪ Fountains ▪ Hotels ▪ Small Industries

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



SELF PRIMING MONOBLOCK PUMPS



APPROXIMATE PERFORMANCE DATA AT 2800 RPM

Single Phase : Rated Voltage : 220V, Voltage Range : 180V / 240V

Sr. No.	Model	Size in MM	H.P.	Motor Body	DISCHARGE IN LPH	Total Head in Meters															
						4	6	8	14	18	22	26	30	34	38	42	46	50	55	60	65
1	* FMS-1	15x15	0.50	CI	DISCHARGE IN LPH	2160	2040	1800	1500	1320	1080	840	360	-	-	-	-	-	-	-	
2	FMS-2	25x25	0.50	CI		2160	2100	1920	1740	1560	1380	1140	840	-	-	-	-	-	-	-	
3	FMS-3	25x25	0.75	CI		2700	2640	2520	2340	2040	1920	1620	1440	1200	900	360	-	-	-	-	
4	FMS-3 E	25x25	0.75	CI		2330	2250	2065	1900	1710	1530	1290	1000	-	-	-	-	-	-	-	
5	FMS-4	25x25	1.00	CI		3360	3180	3000	2700	2520	2400	2160	1920	1800	1500	1320	840	-	-	-	
6	FMS-4 E	25x25	1.00	CI		2900	2840	2720	2540	2240	2120	1820	1640	-	-	-	-	-	-	-	
7	FMSA-1 Mini	25x25	0.50	AL		1440	1200	1080	960	720	360	-	-	-	-	-	-	-	-	-	
8	* FMSA-1	25x25	0.50	AL		2940	2880	2520	2040	1560	1200	840	480	-	-	-	-	-	-	-	
9	FMSA-2	25x25	1.00	AL		3000	2880	2760	2520	2160	1800	1560	1200	840	-	-	-	-	-	-	
10	* FMSV-5 V Type	25x25	0.50	CI		2760	2700	2640	2340	2160	1920	1680	1560	1200	960	-	-	-	-	-	
11	FMS-1A	15x15	0.50	AL		2160	2040	1800	1500	1320	1080	840	360	-	-	-	-	-	-	-	
12	FMS-2A	25x25	0.50	AL		2160	2100	1920	1740	1560	1380	1140	840	-	-	-	-	-	-	-	
13	FMS-3A	25x25	0.75	AL		2700	2640	2520	2340	2040	1920	1620	1440	1200	900	360	-	-	-	-	
14	FMS-4A	25x25	1.00	AL		3360	3180	3000	2700	2520	2400	2160	1920	1800	1500	1320	840	-	-	-	
15	FMSV-70	25x25	1.00	CI		-	-	-	3000	2700	2280	2040	1800	1620	1380	1200	1080	960	840	660	480

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

M.C.B. & RELAY PANEL

H.P.	MCB Type Capacitor	
	Run	Start
0.5	36 Mfd	100-120
1.0	50 Mfd	100-120

H.P.	Relay Contactor (BCH)* Type Capacitor	
	Run	Start
1.0	50 Mfd	100-120
1.5	60 Mfd	120-150
2.0	36+36 Mfd	150-200
3.0	50+50 Mfd	200-250
5.0	72+72 Mfd	200-250

H.P.	Digital Type Capacitor	
	Run	Start
2.0	72 Mfd	150-200
3.0	100 Mfd	200-250
5.0	144 Mfd	200-250
7.5	200 Mfd	200-250

