

1st Floor, Above Bhairavnath Post Office,
Opp Pragati Society, Nr. Meera Cross Roads
Maninagar, Ahmedabad - 380028
Tele Fax : + 91-079-25431453, 8140179903

Website :- www.sspumpsindia.com, E-mail :- info@sspumpsindia.com.

CENTRIFUGAL PUMPS "MMP" SERIES

FEATURES:-

- Can withstand wide voltage fluctuation – from 300-440 volts.
- Suction lift up to 7.5 meters.
- Top flat efficiency curve : minimum variation in efficiency in entire operating range
- Efficiency at par with internationally available pumps – higher up to 10 points than minimum required by Indian standards specification
- Models are with IP – 44 protection. Models with IP – 55 protection are also available on request
- Class of insulation 'B' ('F' Class for 9.3 kw and 11.0 Kw ratings).
- Designed to prevent overloading and motor burning
- Dynamically balanced rotating parts ensure minimum vibrations
- Replaceable wearing parts and hence longer life
- Designed for automatic air release during priming
- Continuous rated motor
- Inside and outside of pump covered by anticorrosive paint



APPLICATIONS:-

- Irrigation.
- Industries for clear water handling
- Water supply for domestic use in apartments, Buildings and hotels.
- MMP Series Three Phase Pumps : Single stage, High speed horizontal, Centrifugal , Monobloc with volute type delivery casing



RANGE:-

Head : Up to 90 meters
Capacity : Up to 40 liters per second
Power rating : Up to 30 hp

MATERIAL OF CONSTRUCTION STANDARD

SUPPLY:-

Impeller : Cast iron
Delivery casing : Cast iron
Motor body : Cast iron
Shaft : EN -8
Shaft Sleeve : SS-410

OPTIONAL SUPPLY:-

Impeller : Bronze / Stainless Steel
Shaft : Stainless steel
Shaft Sleeve : Chrome Steel



**Approximate performance of MMP Series, 2 pole, Monobloc pumps,
rated voltage, 50 Hz , Three phase A.C. power supply**

PUMP MODEL	POWER RATING		PIPE SIZE (mm)		TOTAL HEAD IN METER																
					6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	
	KW	HP	SUC	DEL.	CAPACITY IN LITERES PER SECOND																
MMP-0515	0.37	0.5	25	25	2.0	1.9	1.8	1.0	0.2												
MMP-130	0.75	1.0	25	25			2.7	2.3	2.1	1.8	1.3	0.9	0.7	0.4	0.0						
MMP-115	0.75	1.0	40	40		5.4	4.7	3.8	1.7	1.5											
MMP-224	1.5	2.0	50	50				5.8	5.3	5.0	4.7	3.5	3.0	2.5	2.0	1.2					
MMP-325	2.2	3.0	65	50			9.2	8.8	8.4	7.9	7.4	7.0	6.4	5.8	4.9						
MMP-335	2.2	3.0	50	40				5.0	4.9	4.8	4.7	4.6	4.4	4.2	4.0	3.8	3.6	3.2	2.7	2.0	
MMP-515	3.7	5.0	100	100	32.8	31	28.0	24.2	19.0	12.8											
MMP-520	3.7	5.0	80	80	23.5	22.8	21.9	20.8	19.4	17.7	15.9	13.9	10.8								
MMP-527	3.7	5.0	80	65						14.2	13.4	12.6	11.6	10.3	8.7	5.8					
MMP-538	3.7	5.0	65	50							8.5	8.4	8.3	8.1	7.8	7.6	7.1	6.5	5.8		
MMP-822	5.5	7.5	100	100				27.1	25.5	23.9	22.0	20.0	17.5	14.2							
MMP-830	5.5	7.5	80	65						19.0	18.2	17.3	16.4	15.4	14.2	13.0	11.1				
MMP-837	5.5	7.5	65	65										12.6	12.4	12.1	11.8	11.3	10.0	9.2	
MMP-1030	7.5	10.0	100	100				31.9	30.7	29.4	28	26.5	25	23.3	21.2	17.5					
MMP-1331	9.3	12.5	100	100							33.3	32	30	28.5	26	23.3	19.5	13			
MMP-1537	11	15.0	100	100							36.7	35.8	34.1	33.3	32	30	27.6	25	20	17.5	

PUMP MODEL	POWER RATING		PIPE SIZE (mm)		TOTAL HEAD IN METER																					
					28	32	36	40	44	48	52	55	60	64	68	72	76	80	90	94						
	KW	HP	SUC.	DEL	CAPACITY IN LITERES PER SECOND																					
MMP-550	3.7	5.0	50	40			4.1	3.9	3.7	2.7	2.0															
MMP-852	5.5	7.5	65	50		8.6	8.1	7.5	6.8	5.9	4.5	3.5														
MMP-1040	7.5	10.0	80	65	17.8	15.9	13.3	9.5			18 M HEAD AT 20 LPS															
MMP-1065	7.5	10.0	65	50				7.5	7.1	6.8	6.4	6.0	5.3	4.3	3.0											
MMP-1348	9.3	12.5	80	65	17.9	17.0	16.0	14.8	11.6		20 M HEAD AT 19 LPS															
MMP-1372	9.3	12.5	65	50					8.0	7.9	7.8	7.6	7.2	6.2	5.6	3.0										
MMP-1555	11.0	15.0	80	65		19.2	18.3	17.3	15.8	14.6	11.0	9.7														
MMP-1575	11.0	15.0	65	50						8.3	8.0	7.8	7.4	7.0	6.5	5.8	4.5									