

“MP” SERIES

FEATURES

- Excellent, quick, automatic without foot valve up to 8 mtrs.
- Automatic air release during priming.
- Back pull out design, so easy maintenance can be done without disturbing pipe lines.
- Dynamically balanced rotating parts ensure lesser vibrations.
- Better efficiency because of good hydraulic design.
- Minimum parts & fast repairing at low cost, pump is also available at economical rate.
- Available in Bare, Coupled, Monoblock, Belt driven & Engine driven version.
- Also offered pump with trolley / trailer to move it from one place to another.
- Monoblock pumps can withstand with wide voltage fluctuations.
- Less expensive & easily available spares.
- Pumps can be fitted with mechanical seal as per customer's requirements.
- Very simple construction with only two moving parts.
- Easy inspection of impeller.
- Large diameter solids handled. (up to 60 mm)
- High resistance. to abrasive liquids. Wear plates are easily replaced and impellers are also available with ceramic coating

Easy to install :

only the suction hose is immersed in the liquid. The pump can be set up high and dry in the most convenient position for inspection and maintenance.

Long Life :

The parts subject to wear can be easily replaced one or more times to restore the original performance.

WATER RATING CHART

MONOBLOCK & MOTOR COUPLED

MODEL	MOTOR KW/HP	PIPE SIZE IN MM SUC. DEL.	SPEED IN R.P.M	TOTAL HEAD IN METERS																	SOLID HANDLING SIZE MM		
				6	8	10	12	14	15	16	18	19	20	22	24	25	26	28	30	32		34	
				DISCHARGE LITERS PER SECOND																			
MP-0	0.75/1.00	40 X 40	2850	4.5	4.0	3.5	2.6	1.4	0.5	-	-	-	-	-	-	-	-	-	-	-	7.0		
MP-1	1.5/2.00	40 X 40	2850	-	-	6.2	5.5	4.8	4.3	3.9	2.7	1.8	0.8	-	-	-	-	-	-	-	8.5		
MP-2	2.20/3.00	50 X 50	2900	-	-	9.2	8.4	8.0	7.7	7.2	6.4	5.9	5.3	4.0	2.5	1.4	-	-	-	-	10.5		
MP-3A	3.70/5.00	80 X 80	2900	-	-	-	-	-	-	-	-	-	-	10.0	9.2	8.1	7.4	6.7	5.1	3.7	1.8	7.0	
MP-3	5.50/7.50	80 X 80	2900	-	-	-	-	-	-	-	-	-	-	16.3	16.1	15.4	14.7	13.9	12.4	10.1	7.9	5.4	14.5
MP-3L	3.70/5.00	80 X 80	1450	-	-	18.0	16.3	13.5	11.5	10.0	5.5	-	-	-	-	-	-	-	-	-	-	-	15.5
MP-4LA	7.50/10.00	100X100	1450	-	-	35.9	33.8	31.1	29.9	28.4	23.8	22.4	17.9	11.9	-	-	-	-	-	-	-	-	18.5
MP-4L	9.30/12.5	100X100	1450	-	-	41.4	39.4	36.5	35.2	33.5	30.4	28.2	26.1	21.9	16.9	14.0	10.0	-	-	-	-	-	23.0
MP-6LA	15.0/20.0	150X150	1450	-	-	66.2	63.3	59.7	57.4	54.9	48.7	45.4	42.4	34.1	23.7	-	-	-	-	-	-	-	34.0
MP-6L	18.70/25.00	150X150	1450	-	-	74.9	72.4	68.6	66.1	63.9	58.4	54.9	51.9	44.9	33.9	27.4	20.0	-	-	-	-	-	40.0

Performance Chart																		
PUMP MODEL	MOTOR RATING		PIPE SIZE		IMPELLER DIA(MM)	TOTAL HEAD IN METERS							SOLID SIZE (MM)	RATED SPEED (RMP)				
	KW	HP	SUC	DEL		22	24	28	32	36	40	44			46	47		
	CAPACITY IN PER SECOND																	
MP-3HH	7.5	10	80	80	194		19	18	16.5	12.5	8.5	4.5	2				14.5	2900

- Performance are at 2900 / 1450 rpm , 50 / 60 Hz and tested with clear Water.
- Due to Constant R & D activity , details are subject to change without prior Notice.

MODEL	MOTOR KW/HP	PIPE SIZE IN MM SUC. DEL.	SPEED IN R.P.M	TOTAL HEAD IN METERS																	SOLID HANDLING SIZE MM		
				6	8	10	12	14	15	16	18	19	20	22	24	25	26	28	30	32		34	36
				DISCHARGE LITERS PER SECOND																			
MP-3L	4.0/6.0	80 X 80	1500	-	-	-	17.1	15.0	13.5	11.9	8.1	5.4	3.1	-	-	-	-	-	-	-	-	15.5	
MP-3L	9.0/12.0	80 X 80	1800	-	-	-	-	-	22.0	21.5	20.1	19.3	18.4	16.1	13.2	11.5	9.5	5.4	-	-	-	15.5	
MP-4LA	9.0/12.0	100 X 100	1500	-	-	-	35.7	33.2	32.0	30.6	27.7	26.1	24.4	20.9	16.6	14.0	10.9	-	-	-	-	18.5	
MP-4L	10.5/14.0	100 X 100	1500	-	-	-	39.8	28.4	37.5	35.5	33.4	31.8	30.0	25.8	21.0	17.9	15.4	9.2	-	-	-	23.0	
MP-6LA	16.5/22.0	150 X 150	1500	-	-	67.5	65.6	62.5	61.5	58.6	53.0	51.1	47.4	40.4	32.2	27.8	22.0	-	-	-	-	34.0	
MP-6L	19.5/26.0	150 X 150	1500	-	-	76.8	73.8	71.4	70.2	67.5	62.2	61.4	56.3	50.1	41.4	37.7	31.4	-	-	-	-	40.0	