

# MONOBLOC CENTRIFUGAL PUMP



## PERFORMANCE RANGE

\* Flow rate up to 1200L/min (72m<sup>3</sup>/h) \* Head up to 18.5m

## OPERATING LIMITS

\* Fluid temperature up to 60°C \* Suction lift up to 7m  
 \* Maximum ambient temperature 40°C

## PUMPS INSTALLATION & APPLICATIONS

MHF pumps are specifically designed for domestic, agricultural and industrial use. Their performance levels, mechanical design and structural materials are explicitly selected for these uses. The shapes of their volutes and impellers, with ample passages, make them suitable for pumping even fairly dirty water. They can achieve high delivery rates under continuous or heavy duty, making them advantageous for rain and gravity irrigation, for pumping water from lakes, rivers, wells and for a wide variety of industrial uses where high delivery rates must be achieved at low average heads. These pumps should be installed in a covered area, protected against the weather.

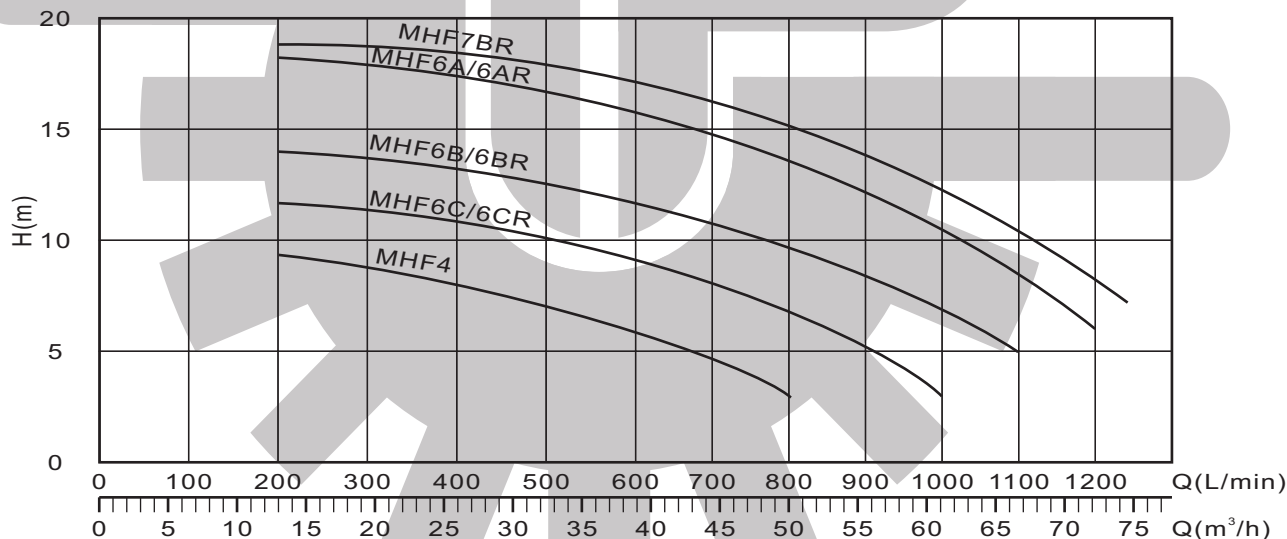


**MHF4**  
**MHF6A/B/C**  
**MHF6AR/BR/CR**  
**MHF7BR**  
**(High Flow)**

## PERFORMANCE

- \* Ample and stable operating curves.
- \* No surging phenomena even when pumping near minimum forecast delivery rates.
- \* Performance characterized by high absolute values over the majority of the characteristic curve.
- \* Flat absorption curves at high delivery rates, preventing motor overloading even during prolonged use.
- \* Good suction capacities both at low and high delivery rates.

## STRUCTURAL CHARACTERISTIC



Model		Power		Q	Head (m)															
1-Phase	3-Phase	KW	HP	L/min	0	100	150	200	250	300	350	400	500	600	700	800	900	1000	1100	1200
				m <sup>3</sup> /h	0	6	9	12	15	18	21	24	30	36	42	48	54	60	66	72
MHF4	MH4	0.75	1.0		10	9.8	9.6	9.3	9	8.7	8.3	8	7	6	4.7	3				
MHF6C	MH6C	1.1	1.5		11.9	---	---	11.7	11.5	11.3	11	10.7	10.2	9	8	6.7	5	3		
MHF6B	MH6B	1.5	2.0		14.7	---	---	14.5	14.2	14	13.7	13.5	13	12	11	9.7	8.2	6.7	5	
MHF6A	MH6A	2.2	3.0		18.5	---	---	18.1	18	17.8	17.5	17.2	16.8	16	15	13.8	12.2	10.5	8.3	6
MHF6CR	MH6CR	1.1	1.5		11.9	---	---	11.7	11.5	11.3	11	10.7	10.2	9	8	6.7	5	3		
MHF6BR	MH6BR	1.5	2.0		14.7	---	---	14.5	14.2	14	13.7	13.5	13	12	11	9.7	8.2	6.7	5	
MHF6AR	MH6AR	2.2	3.0		18.5	---	---	18.1	18	17.8	17.5	17.2	16.8	16	15	13.8	12.2	10.5	8.3	6
MHF7BR	MH7BR	3.0	4.0		19	---	---	18.8	18.7	18.6	18.5	18.4	17.9	17	16.2	15	13.8	12.2	10.3	8.2