



Limits of use

- Liquid temperature: 0°C ~ +60°C.
- Power: single-phase 220V/50Hz, three-phase 380V/50Hz.
- Max. working pressure:
 - 5 bar for MHF/5A/5B
 - 10 bar for MHF5BM/5AM/5AH

Features

- The special design on the impeller allows liquids containing relatively high levels of impurities to be pumped without the risk of the impeller clogging.
- The special design on the pump casing and impeller to assure relatively high flow.
- Wide range voltage 180-240V is allowed for this pump, very suitable for the use in irrigation.
- The pumps for boosting hot water are also available on request.

Application

- Be used to delivery the water in sewage treatment system.
- Be used to delivery the water in agriculture, garden, mining etc.
- Be used to pump the water from the canals, rivers, reservoirs for the industrial use.

Components & Materials

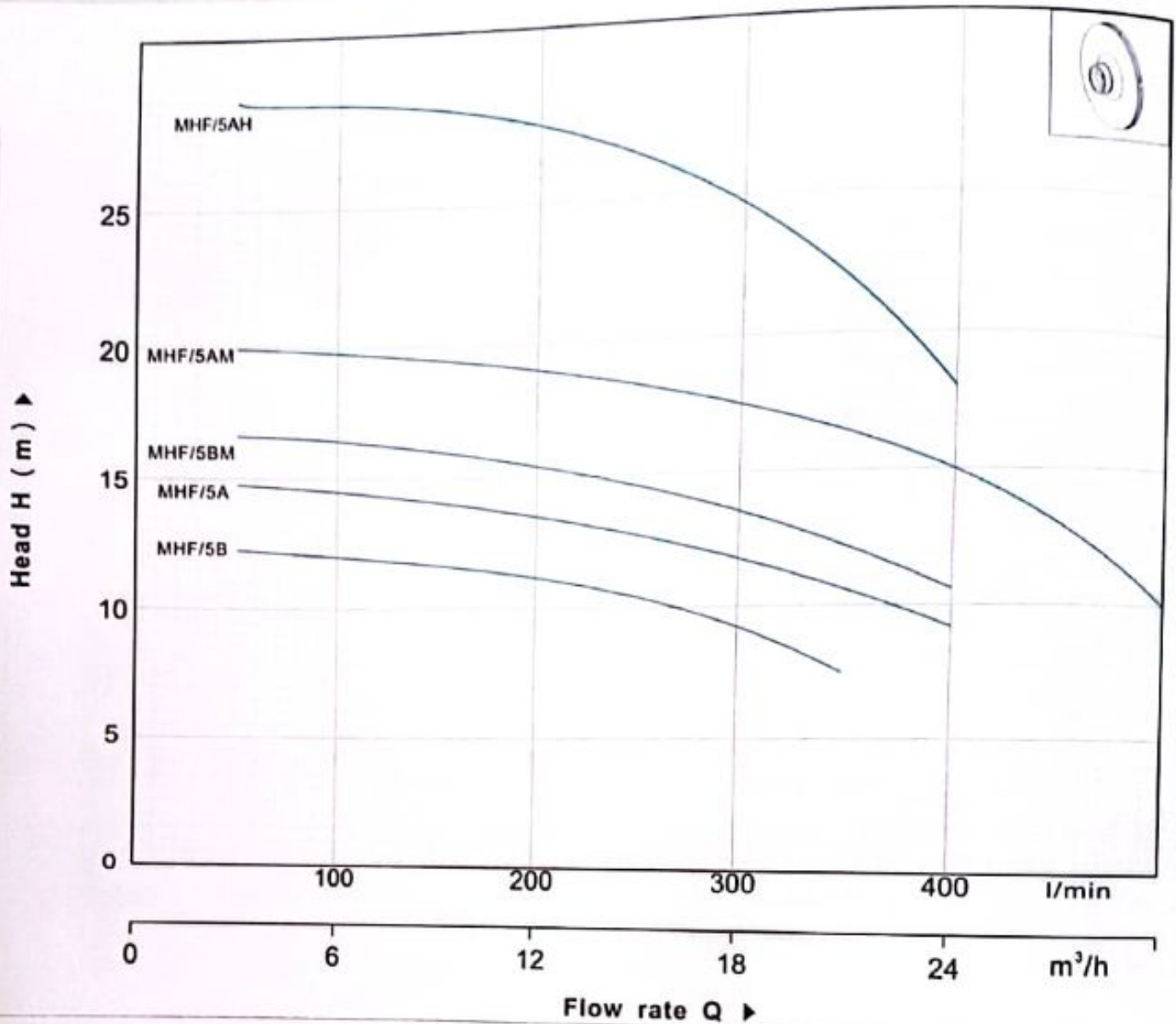
- Pump body: Cast iron with electrophoretic paint.
- Impeller: Brass.
- Mechanical seal: Graphite-Ceramic-NBR.
Graphite-Sic-FPM for hot water.
- Bearing: Z4 class.
- Shaft: Stainless steel.

Guarantee

- 2 years subject to terms and conditions.

50 Hz n=2850 rpm Hs=0 m

CHARACTERISTIC CURVES AND PERFORMANCE DATA



Model		Power		Q	H m												
Single-phase	Three-phase	KW	HP		m³/h	0	3	6	9	12	15	18	21	24	30		
				l/min	0	50	100	150	200	250	300	350	400	500			
MHF/5B	MH/5B	0.75	1	H m	12.4	12.2	12	11.7	11.2	10.4	9.2	7.5					
MHF/5A	MH/5A	1.1	1.5		14.8	14.7	14.5	14	13.5	12.7	11.8	10.6	9.2				
MHF/5BM	MH/5BM	1.1	1.5		16.2	16.2	16	15.5	15	14.2	13.2	12	10.3				
MHF/5AM	MH/5AM	1.5	2		20	19.9	19.8	19.5	19	18.4	17.5	16.5	15	10			
MHF/5AH	MH/5AH	2.2	3		35	33.5	32	31	29	27	26	23	16				