



Limits of use

- Liquid temperature: $-10^{\circ}\text{C} \sim +60^{\circ}\text{C}$.
- Power: single-phase 220V/50Hz, three-phase 380V/50Hz.
- Max. working pressure:
 - 6bar for MKP40/50/62-3/63/65/70-2/80-2
 - 10bar for MKP90/200-2

Features

- Compact design with attractive appearance.
- Built-in thermal protector to prevent motor from overheating.
- Using Z4 class bearing to assure lowest noise.
- Using superior mechanical seal to assure long using life.
- Using heat-resistant capacitor to assure long using life.
- The pumps for boosting the hot water are also available on request.

Application

- Be used to delivery the clean water without the abrasive particles.
- Be used to clean or cool the machine tools with high pressure.
- Be used to pump the water for the industrial or house use from the well or tank.
- Be used to boost the water in pressurization system.

Components&Materials

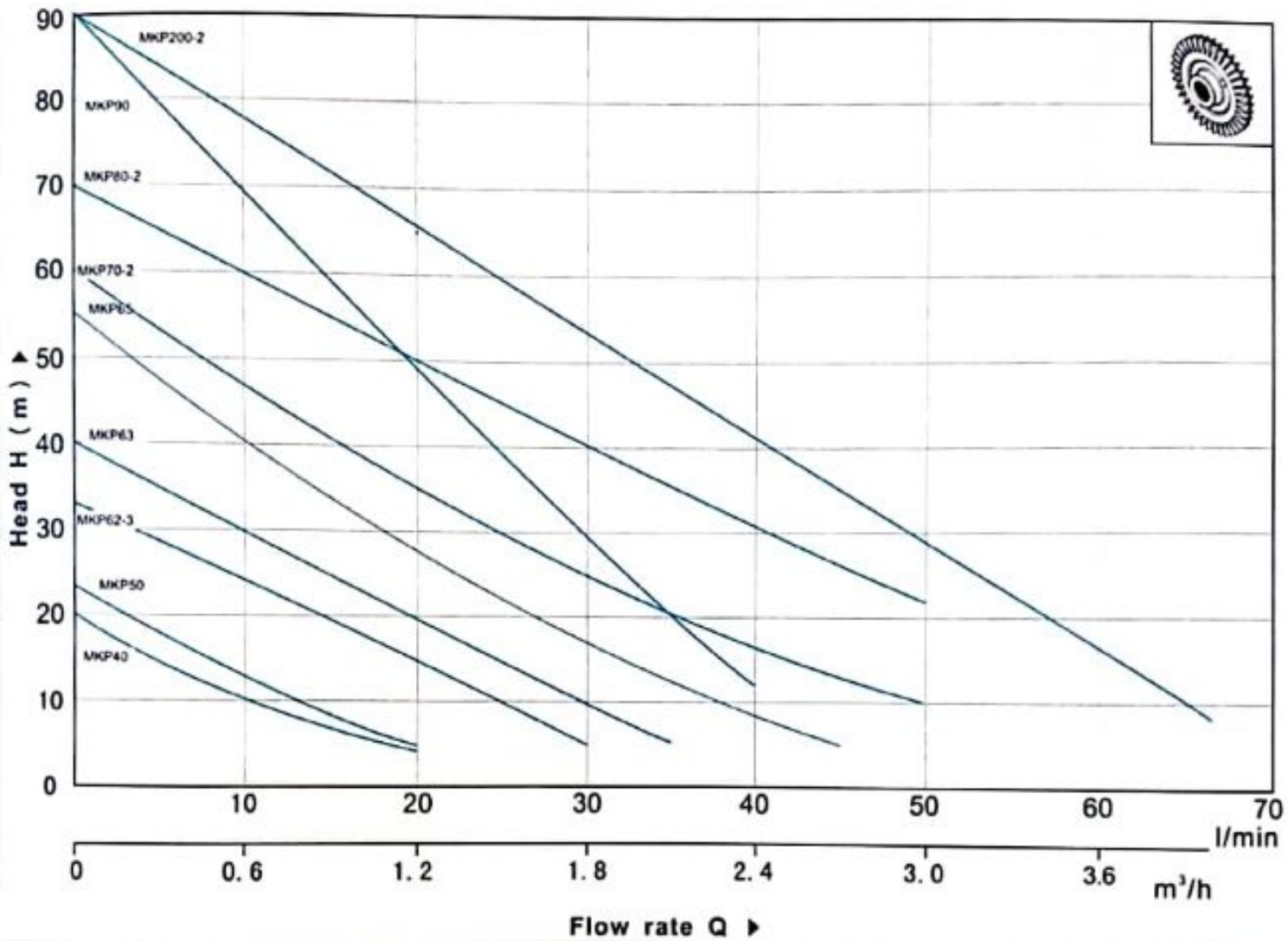
- Pump body: Cast iron (electrophoretic paint with brass insert).
- Impeller: Brass.
- Mechanical seal: Graphite-Ceramic-NBR.
Graphite-Sic-FPM for hot water.
- Bearing: Z4 class.
- Shaft: Stainless steel.

Guarantee

- 2 years subject to terms and conditions.

CHARACTERISTIC CURVES AND PERFORMANCE DATA

50 Hz n=2850 rpm Hs=0 m



Model		Power		Q	Flow rate																
Single-phase	Three-phase	KW	HP		m³/h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3	3.3	3.6	4		
				Hm	l/min	0	5	10	15	20	25	30	35	40	45	50	55	60	66.7		
MKP40	MK40	0.12	0.16		20	15	11	8	5	4											
MKP50	MK50	0.12	0.16		23	19	14	10	7	5											
MKP62-3	MK62-3	0.37	0.50		33	29	24	20	15	11	5										
MKP63	MK63	0.42	0.55		40	34	17	22	17	13	10	5									
MKP65	MK65	0.50	0.70		55	48	42	36	30	24	19	14	10	5							
MKP70-2	MK70-2	0.55	0.75		60	56	50	43	36	30	22	17	13	9	5						
MKP80-2	MK80-2	0.75	1		70	63	55	47	40	33	26	20	16	11	6						
MKP90	MK90	0.75	1		90	79	66	54	43	31	24	18	7								
MKP200-2	MK200-2	1.50	2		90	81	76	71	65	61	56	51	45	39	34	27	20	7			