

### Metallic Centrifugal Magnet Drive Pumps



### Extensive Hydraulic Performance, Seal-less, Corrosion Resistant , Leak Free

- » Compact, metallic centrifugal magnet drive pumps
- » Excellent heat and pressure resistance
- » Cover a wide range of motor capacities, up to 15 kW
- » Pump materials offer excellent corrosion resistance
- » Stainless Steel is standard. Other materials available on request
- » Magnet drive is supported by the exclusive SiC-D bearing
- » High efficiency and leak free design
- » Easy to disassemble and reassemble
- » Industry-leading support by Iwaki Europe

Pump Series	MP	
Frequency Hz	50	60
Max. Head m (ft)	80 (262)	120 (394)
Max. Capacity LPM (GPM)	1100 (290)	1300 (343)
Operating Temperature °C (°F)	-30 (-22) to 150 (302) See note below	
Maximum Specific Gravity	2	
Maximum Viscosity (mPa•s,cP)	300	
Design pressure (MPaG)	1.0, 1.2, 1.6	
Flange standard	DIN / ASME / JIS flange	
Impeller type	Closed	
(Synchronized) rotation speed(rpm)	3000 / 3600	
Bore (Suction x Discharge) mm	25 x 20 to 80 x 50	
Motor Output	0.75 to 15 kW	
Pump Material	Stainless Steel 316	

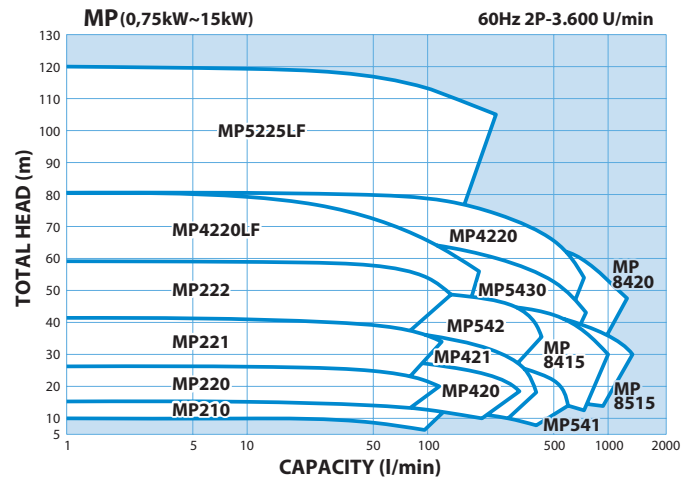
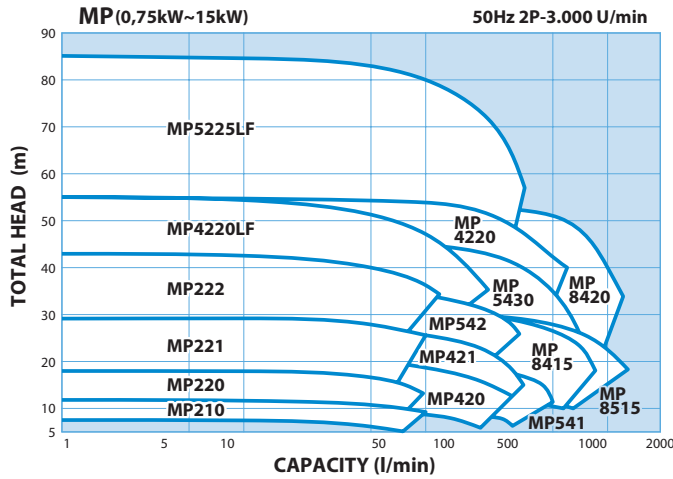
Note: Below -20°C or above 120°C please contact your dealer/distributor.

**MP**  
series

## Small/Medium Sized Standard Centrifugal Pumps

Max. Capacity 1300 LPM / Max. Head 120 m

### Performance



### **MP222 - 170 - 6 KD F 022 K3290 D - 2 T1**

[1] [2] [3] [4] [5] [6] [7] [8] [9] [10]

- [1] PUMP TYPE & SIZE
- [2] IMPELLER SIZE ; 80~255mm
- [3] WET-END MAIN MATERIAL ; "6": 316SS
- [4] MATERIAL OF BEARING ; "KD": SiC/SiC-D
- [5] TYPE OF MOTOR ; "F": FLANGE MOTOR
- [6] MOTOR OUTPUT ; "007": 0.75kW, "011": 1.1kW, "015": 1.5kW, "022": 2.2kW, "040": 4kW, "055": 5.5kW, "075": 7.5kW, "110": 11kW, "150": 15kW
- [7] MAGNET COUPLING-MOTOR FRAME ; See Table.1
- [8] STANDARD FOR PIPE CONNECTION AND MOTOR ; "J": JIS10k RF FLANGE + IEC-MOTOR  
"A": ASME150lb RF FLANGE + IEC-MOTOR  
"D": DIN FLANGE + IEC-MOTOR
- [9] MOTOR POLE ; "2": 2POLE
- [10] SPECIAL CODE ; "(BLANK)": -20 ~ +120°C, "T1": +121 ~ +150°C, "T2": -30 ~ -21°C

Table.1

CODE	MAGNET COUPLING TYPE	MOTOR FRAME
K2680	K20x6	80M
K2090	K20	90L
K3290	K32	90L
K3211	K32	100L 112M
V2511	V25	112M
V4013	V40	132S/M
V4016	V40	160M/L
V6516	V65	160M/L