



MXM Model Code and Specifications

MXM-	54	2	1	CF	V	H	-XX
	1	2	3	4	5	6	7

1 Connection Size

Model	Suction	Discharge
22	1"	1"
44	1.5"	1.5"
54	2"	1.5"

2 Motor Output

Model	HP
0	½ HP
1	1 HP
2	2 HP
3	3 HP
5	5 HP

3 Impeller Range

Code Number
1
2
3 (54 only)
4 (54 only)

4 Materials of Construction

Material Code	CF	FF	KK
Front casing liner/Rear casing	CFRETFE		
Impeller/Magnet Capsule			
Bearing	High Density Carbon	High Purity Alumina Ceramic	SiC
Spindle	High Purity Alumina Ceramic		
Liner Ring	High Purity Alumina Ceramic		
Mouth Ring	PTFE		
Rear Thrust Ring	CFRPFA		

5 O-ring /Gasket Material:

V: FKM (Fluoroelastomer)	E: EPDM	A: AFLAS®
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6 H: Rear Casing with Cover – High Temperature version

7 Special Configuration: 2 digit numeric code denoting special configuration

Specifications

Model	Connections Suction x Discharge	Impeller Code	Min flow GPM	Max. Head (Ft.)	Max Capacity GPM	Motor/ Frame	Pump Weight lbs
MXM22-1	1" x 1" (25.4mm x 25.4mm)	1	2.5	38	55	½ - ¾ HP/56C	45
MXM22-2		2	2.5	67	72		
MXM44-1	1.5" x 1.5" (38.1mm x 38.1mm)	1	5.5	82	75	1 HP/56C	55
MXM44-2		2	5.5	97	72	2 HP/145TC	60
MXM54-2	2" x 1.5" Flange (50.8mm x 38.1mm)	2	5.5	98	95	2 HP/145TC	55
		3					
MXM54-3		1	5.5	128	95	3 HP/182TC	55
		2					
		3					
		4					
MXM54-5		1	13.2	146	165	5 HP/184TC	66
		2					
		3					
		4					

Notes:

1. Rated performance (head/capacity) represents the maximum discharge head/capacity measured with water at 68°F (20°C).
2. Liquid temperature range: 14 to 221°F (-10 to 105° C)
3. Maximum Allowable Working Pressure: 101.5 PSI
3. Slurry: In general, slurries should not be handled. However, a pump with a SiC bearing system, KK, can handle slurries if the hardness is 80Hs or below, with a maximum grain size of 2 MIL (50 microns) and maximum density 5% wt. Contact Iwaki America or your distributor for details.