

MP SERIES

Magnetic Drive Pump

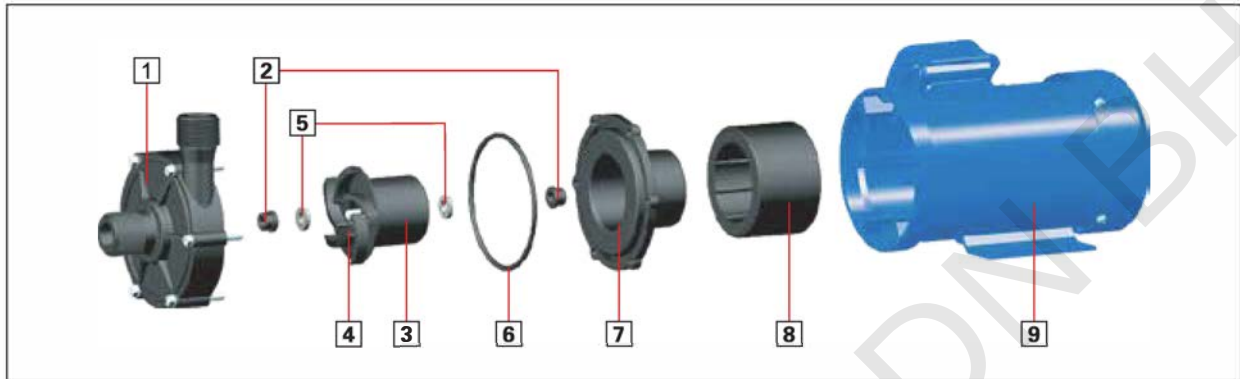
MP series magnetic drive pump having wide range of specification for selection. It is suitable for most of the wet process application.



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MATERIAL



NO.	Description	ACE	ACV	ARE	ARV	SSE	SSV
1	Pump shell	GFRPP/ CFRPP/ PVDF/ CFRETFE					
2	Bearing	CARBON		PTFE		SSIC	
3	Impeller unit	GFRPP/ CFRPP/ PVDF/ CFRETFE					
4	Shaft	CERAMIC				SSIC	
5	Thrust ring	CERAMIC				SSIC	
6	O–Ring	EPDM	VITON	EPDM	VITON	EPDM	VITON
7	Insulate sheath	GFRPP/ CFRPP/ PVDF/ CFRETFE					
8	Drive magnet	Isotropic ferrite					
9	Motor						

SPECIFICATIONS

Model	Tube interface		Spiral interface R-MRX-MRZ-M		Max. Capacity (L/min) 50Hz/60Hz	Max. Head (m) 50Hz/60Hz	Specific weight	Motor		Weight (kg)
	Inlet (mm)	Outlet (mm)	Inlet /Outlet (Inch) (Inch)	Joint section specifications (mm)				Output (w) 50Hz/60Hz	Phase	
MP-6R	14	14	-	-	8.0/9.0	1.0/1.4	1.2	6/6	1	0.9
MP-6RZ	14	14	-	-	5.5/6.0	2.1/2.7	1.1		1	
MP-10R	14	14	-	-	11/12	1.5/2.1	1.3		1	
MP-15R	16	16	G ³ / ₄	13	16/19	2.4/3.4	1.1	10/10	1	1.5
MP-20R	18	18	G ³ / ₄	16	27/32	3.1/4.3	1.1		1	
MP-20RX	26	26	G1	20	46/52	1.8/2.5	1.3		1	
MP-20RZ	17.5	17	G ³ / ₄	13	10/11	4.6/6.9	1.1	20/20	1	1.9
MP-30R	20	20	G ³ / ₄	16	32/38	3.8/5.4	1.3		1	
MP-30RX	26	26	G1	20	62/72	2.9/4.1	1.1		1	
MP-30RZ	17.5	17	G ³ / ₄	13	15/17	8.0/11	1.0	45/45	1	3.1
MP-40R	20	20	G ³ / ₄	16	45/52	4.6/6.5	1.1		1	
MP-40RX	26	26	G1	20	75/85	3.3/4.7	1.0		1	
MP-40RZ	20	20	G ³ / ₄	16	22/22	10/13.5	1.0	65/65	1	3.8
MP-40RZ-5	20	20	G ³ / ₄	16	11/-	11.5/-	1.2		1	
MP-55R	26	26	G1	20	60/70	5.6/8.2	1.2	90/90	1or3	6.0
MP-55R-5					70/-	8.2/-		90/-	1or3	
MP-70R	26	26	G1	20	86/97	6.7/9.7	1.0	150/180	1or3	6.6
MP-70RZ	20	20	G ³ / ₄	16	40/43	14.3/20.3		180/216	1or3	
MP-100R	26	26	G1	20	120/135	8.6/11.9	1.2	260/265	1or3	8.1
MP-100R-5					135/-	11.7	1.1	260/-	1or3	
MP-120R					220/220	10.5/10.5	1.2	370/370	1or3	

- The Union type, flange interface can be provided on request.
- G = Spiral interface is the straight pipe specs of UK.

- Liquid temperature range 0~80℃

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MODEL IDENTIFICATION

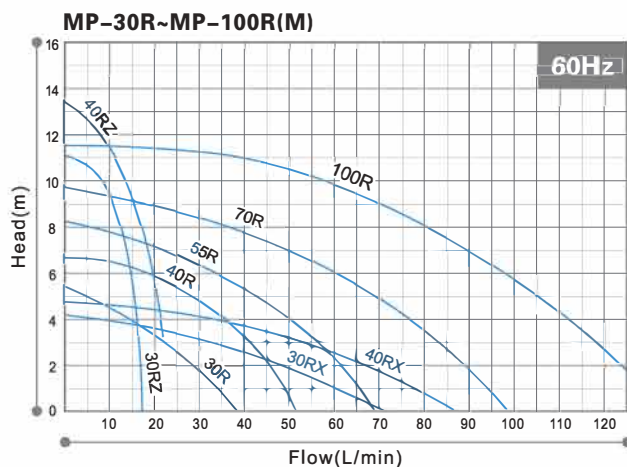
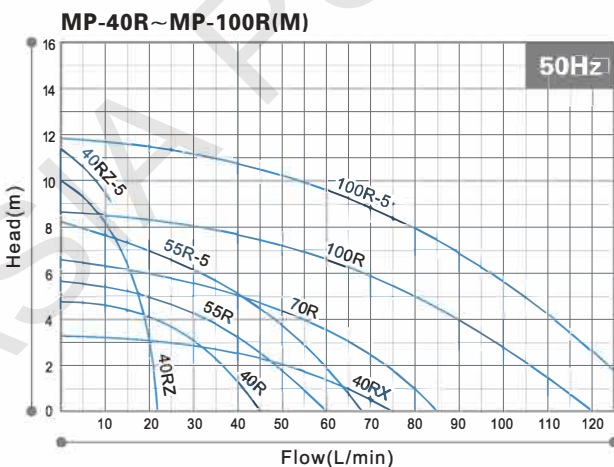
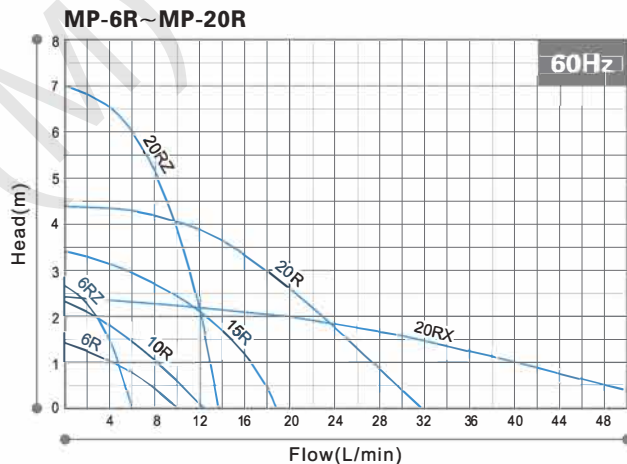
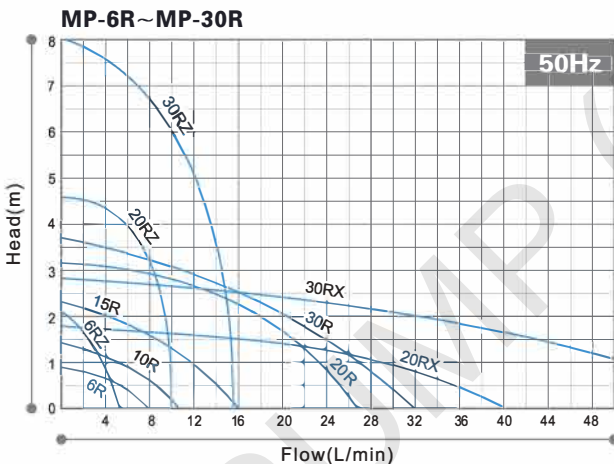
MP - 100 R M G A R V - 5

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

① Series Symbol	MP
② Specification	6, 10, 15, 20, 30, 40, 55, 70, 100, 120
③ Type	R: Standard RZ: High head RX: High capacity
④ Type of Connection	Non-code: means the ordinary type, M: means the thred mouthpiece, U: Union

⑤ Casing Material	G: GFRPP C: CFRPP P: PVDF E: CFRETFE
⑥ Shaft Material	A: CERAMIC S: SSIC
⑦ Bearing Material	C: CARBON R: PTFE S: SSIC
⑧ O-Ring Material	E: EPDM V: VITON
⑨ Frequency	No code: Normal 50/60HZ 5: 50HZ

PERFORMANCE CURVES

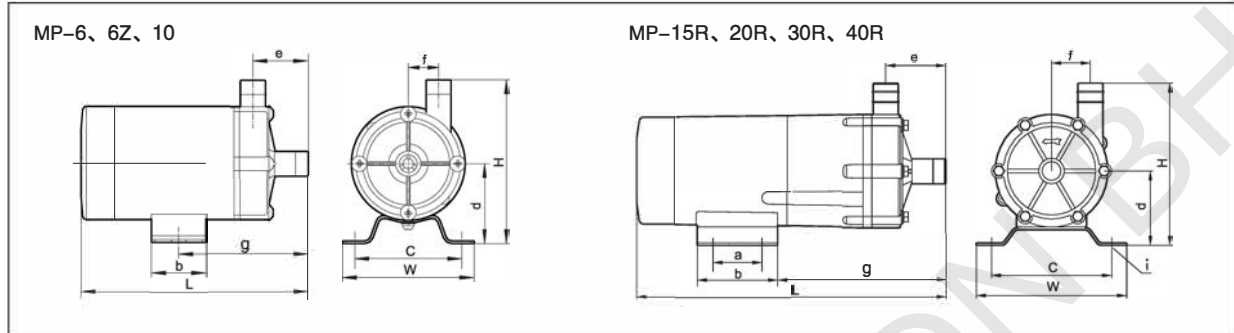


● The performance curve is the performance of transferring clear water in room temperature.

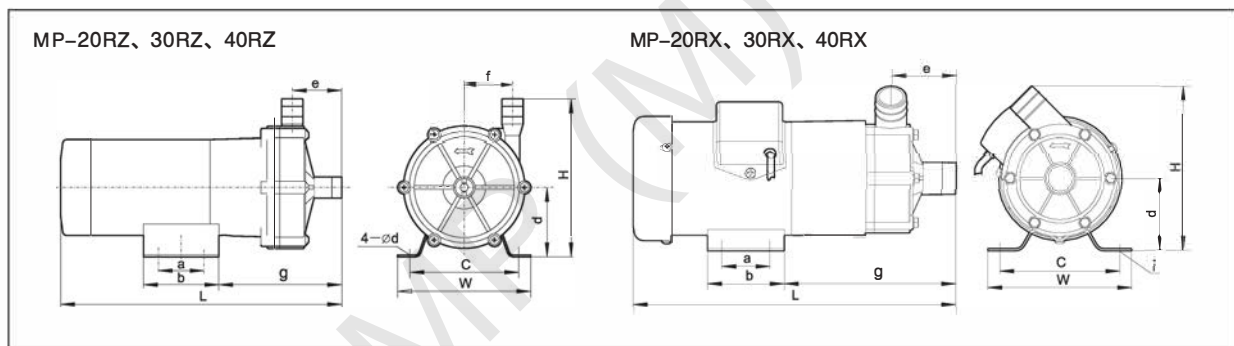
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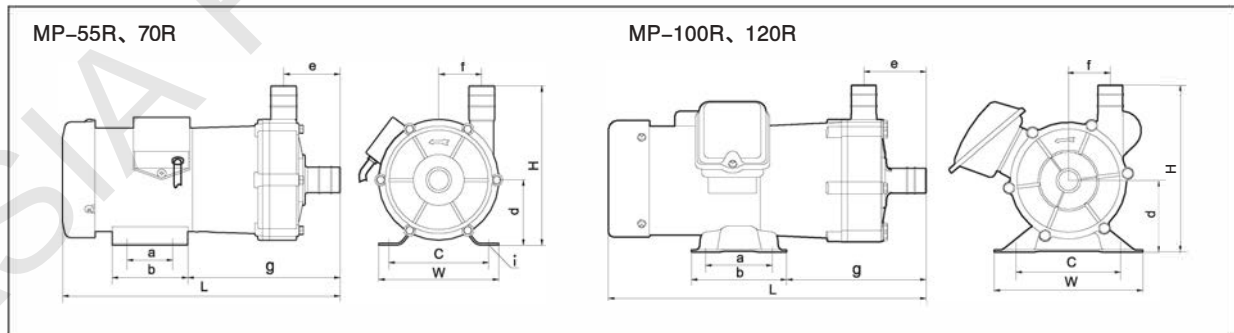
DIMENSIONAL DRAWING, PART DRAWING



Model	W	H	L	a	b	c	d	e	f	g	i	Model	W	H	L	a	b	c	d	e	f	g	i
MP-6	74	83	129	-	30	60	36	31	17	74	2- ϕ 6	MP-15R	83	100	194	49	64	68	45	39	23	92	4-6 $\times$ 10
MP-6Z	74	83	129	-	30	60	36	31	17	74	2- ϕ 6	MP-20R	85	115	211	30	50	68	56	38.5	28.5	106	4-5.5 $\times$ 10
MP-10	74	83	129	-	30	60	36	31	17	74	2- ϕ 6	MP-30R	120	130	248	40	64	100	60	48	31	131	4- ϕ 9
												MP-40R	120	134	260	45	75	100	64	48	31	137	4-9 $\times$ 14



Model	W	H	L	a	b	c	d	e	f	g	i	Model	W	H	L	a	b	c	d	e	f	g	i
MP-20RZ	85	126	212	30	50	68	56	40	40	109	4-5.5 $\times$ 10	MP-20RX	85	130	220	30	50	68	56	46.5	-	118	4-5.5 $\times$ 10
MP-30RZ	120	130	234	40	64	100	60	40	40	120	4- ϕ 9	MP-30RX	120	137	257	40	64	100	60	54	-	137	4- ϕ 9
MP-40RZ	120	150	241	40	64	100	60	40	45	128	4- ϕ 9	MP-40RX	120	140	269	45	75	100	64	54	-	143	4-9 $\times$ 14



Model	W	H	L	a	b	c	d	e	f	g	i	Model	W	H	L	a	b	c	d	e	f	g	i
MP-55R	120	158	277	45	75	100	65	56.5	43	152	4-9 $\times$ 14	MP-100R	156	174	335	70	100	110	74	65.5	44	147	4-9 $\times$ 27
MP-55R-5	120	158	277	45	75	100	65	56.5	43	152	4-9 $\times$ 14	MP-100R-5	156	174	335	70	100	110	74	65.5	44	147	4-9 $\times$ 27
MP-70R	143	158	286	70	96	108	65	56.5	43	135	4-9 $\times$ 22	MP-120R	140	210	369	98	128	110	95	80	51	120.5	4- ϕ 12

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