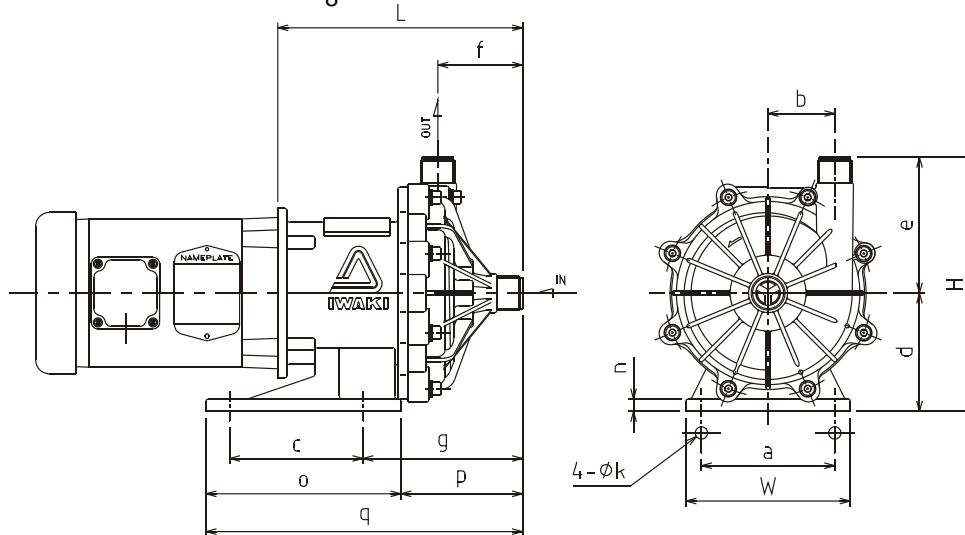


Model	MX-250		
Mark	AV (AE)	CV(CE)	RV (RE)
1 Front Casing	GFRPP		
2 Impeller	GFRPP		
3 Rear Casing	GFRPP		
4 Magnet capsule	PP		
5 O-ring	FKM ¹		
6 Spindle	Alumina Ceramic		
7 Bearing	Alumina Ceramic	Carbon	PTFE
8 Rear thrust	CFRPPS		
9 Mouth ring	PTFE		
10 Thrust/Liner ring	Alumina Ceramic		

¹ EPDM and AFLAS® o-ring also available



Dimensions (in inches)

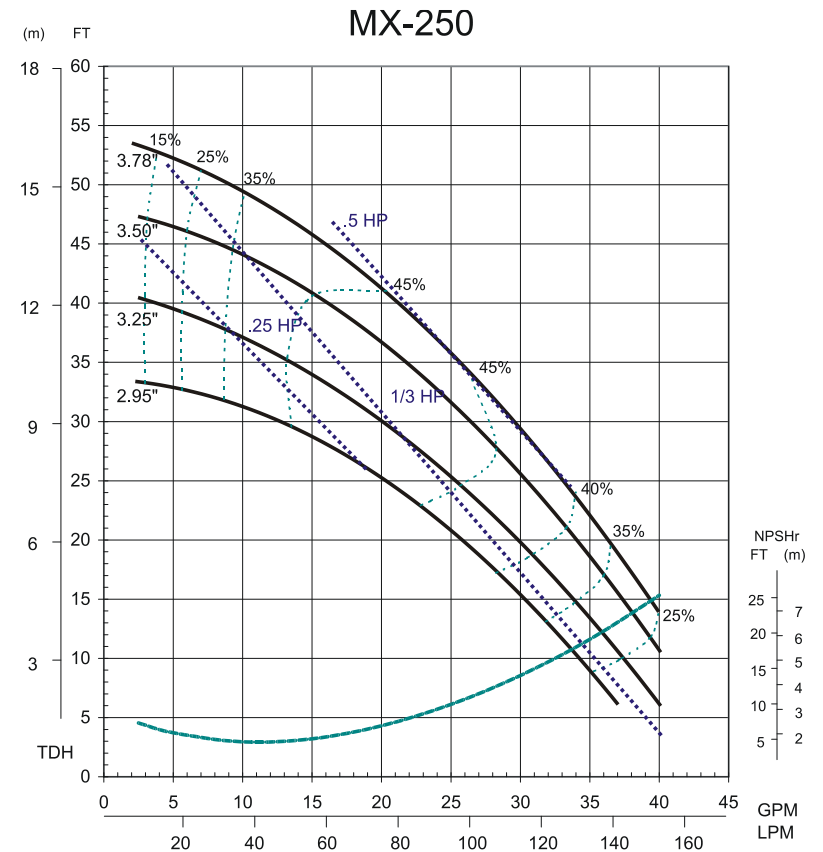
a	b	c	d	e	f	g	k	n	o	p	q	W	H	L
5.12	2.56	5.12	4.53	5.22	3.25	6.12	0.47	0.47	7.48	4.67	12.15	6.30	9.75	9.39

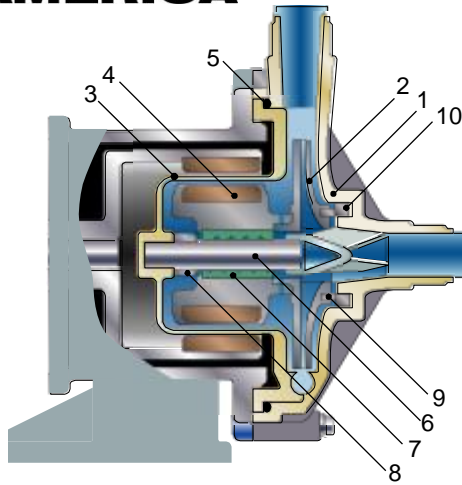
Specifications

Suction x Discharge	Max Discharge pressure	Max Flow	Specific gravity	Weight (less motor)
1" x 1"	53 FT.	40 GPM	1.0	17 lbs

MX-250 .5 HP

- Engineered to meet the most severe operating conditions.
- When fitted with a carbon bearing, the MX will allow for brief periods of dry running.
- The MX Series is the first resin magnet pump that uses a Split Volute Pump Casing that forms a vortex chamber.
- Patented Self-radiating structure – Heat dispersion holes force the liquid to circulate around the spindle and bearing.



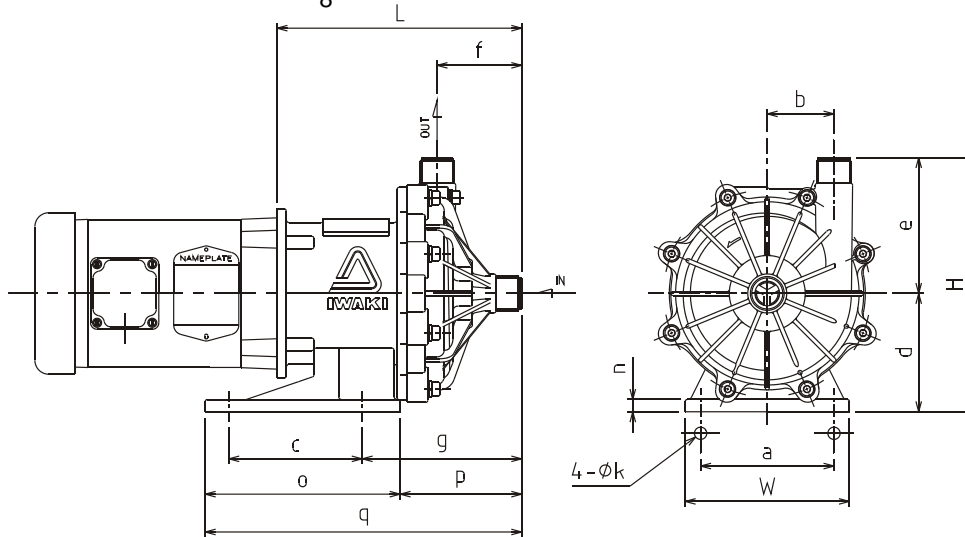


Model	MX-251		
Mark	AV (AE)	CV(CE)	RV (RE)
1 Front Casing	GFRPP		
2 Impeller	GFRPP		
3 Rear Casing	GFRPP		
4 Magnet capsule	PP		
5 O-ring	FKM ¹		
6 Spindle	Alumina Ceramic		
7 Bearing	Alumina Ceramic	Carbon	PTFE
8 Rear thrust	CFRPPS		
9 Mouth ring	PTFE		
10 Thrust/Liner ring	Alumina Ceramic		

¹ EPDM and AFLAS[®] o-ring also available

MX-251 1 HP

- Engineered to meet the most severe operating conditions.
- When fitted with a carbon bearing, the MX will allow for brief periods of dry running.
- The MX Series is the first resin magnet pump that uses a Split Volute Pump Casing that forms a vortex chamber.
- Patented Self-radiating structure – Heat dispersion holes force the liquid to circulate around the spindle and bearing.

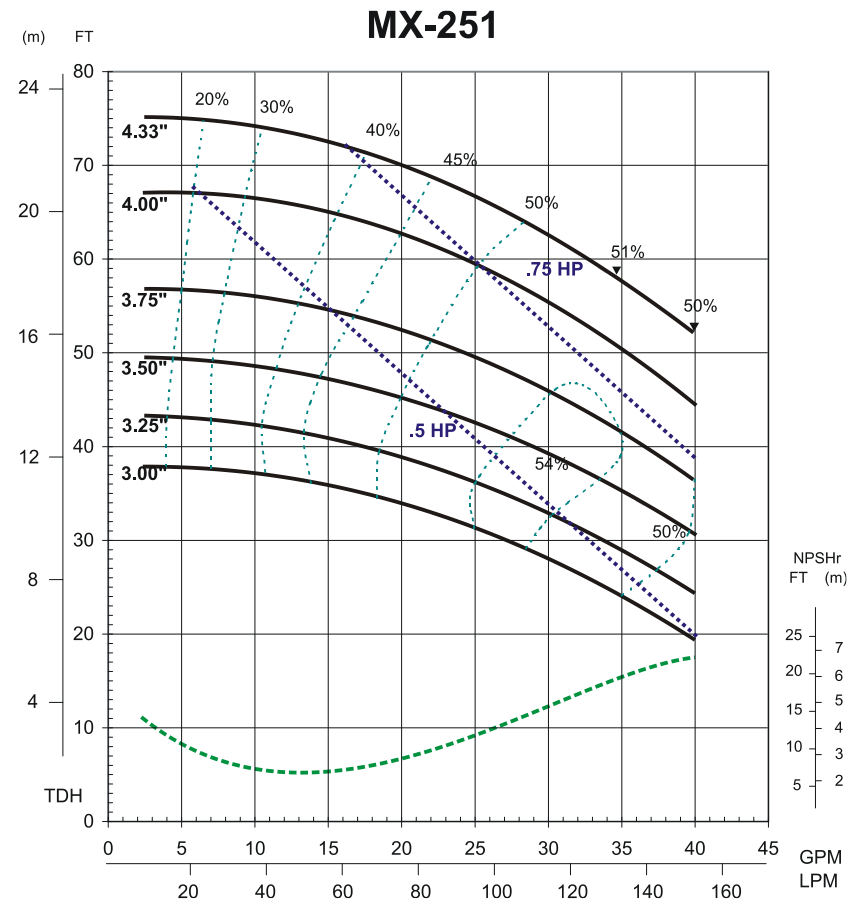


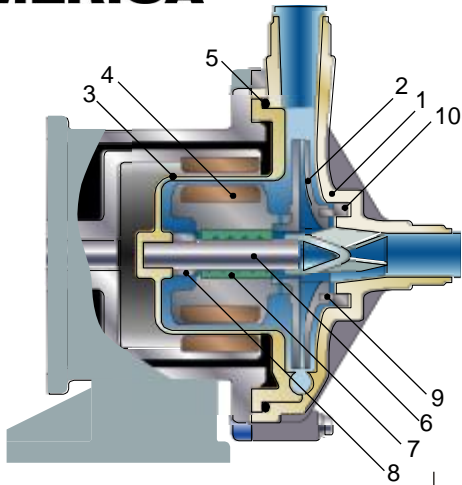
Dimensions (in inches)

a	b	c	d	e	f	g	k	n	o	p	q	W	H	L
5.12	2.56	5.12	4.53	5.22	3.25	6.12	0.47	0.47	7.48	4.67	12.15	6.30	9.75	9.39

Specifications

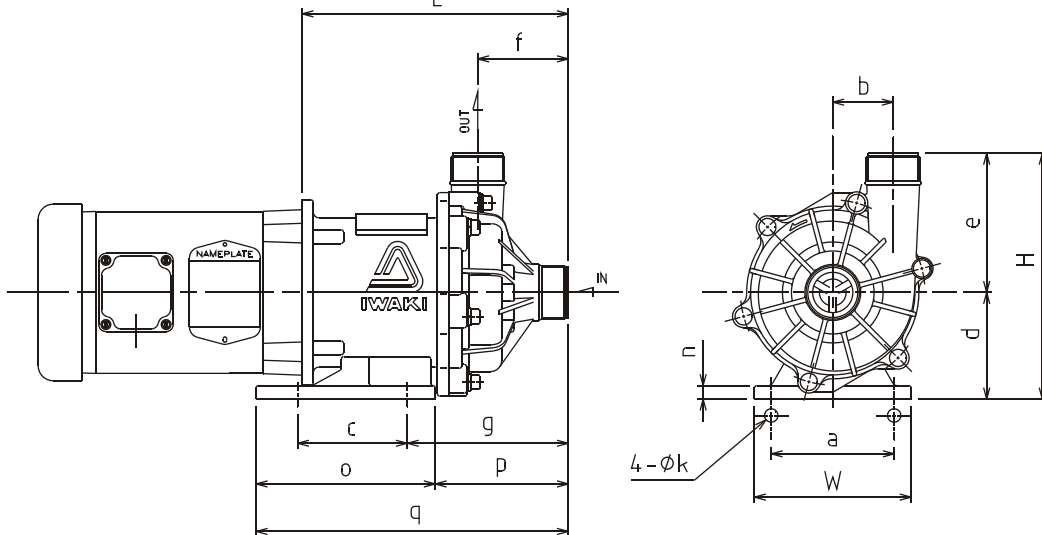
Suction x Discharge	Max Discharge pressure	Max Flow	Specific gravity	Weight (less motor)
1" x 1"	75 FT.	40 GPM	1.0	22.5 lbs





Model	MX-400		
Mark	AV (AE)	CV(CE)	RV (RE)
1 Front Casing	GFRPP		
2 Impeller	GFRPP		
3 Rear Casing	GFRPP		
4 Magnet capsule	PP		
5 O-ring	FKM ¹		
6 Spindle	Alumina Ceramic		
7 Bearing	Alumina Ceramic	Carbon	PTFE
8 Rear thrust	CFRPPS		
9 Mouth ring	PTFE		
10 Thrust/Liner ring	Alumina Ceramic		

1 EPDM and AFLAS[®] o-ring also available



Dimensions (in inches)

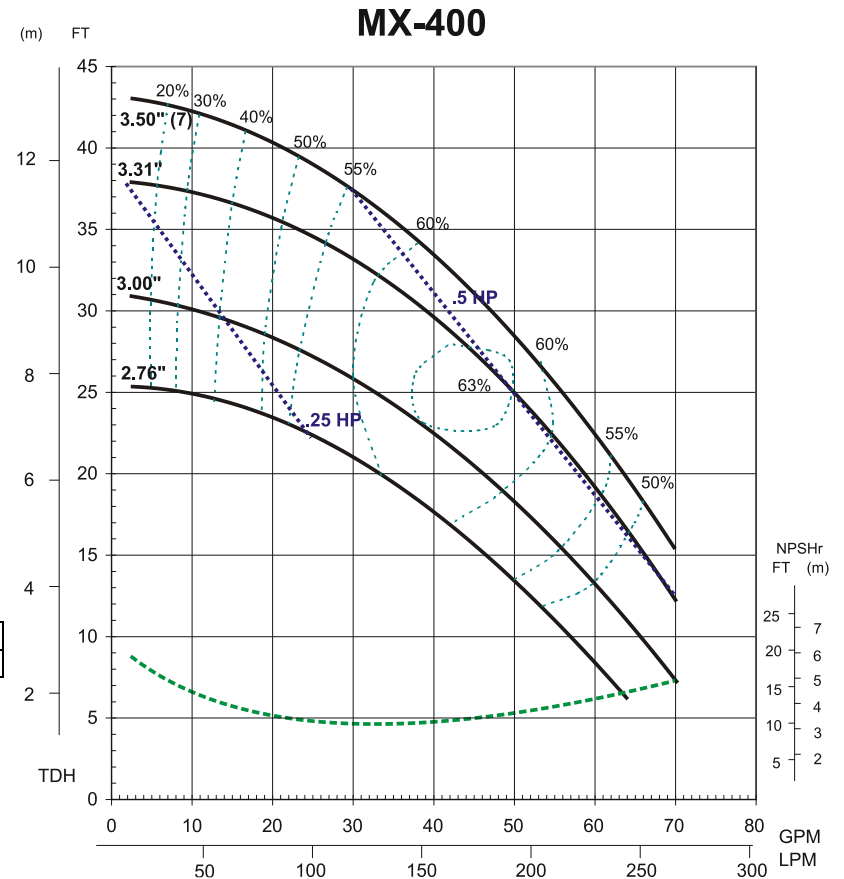
a	b	c	d	e	f	g	k	n	o	p	q	W	H	L
4.33	2.13	3.86	3.74	4.88	3.19	5.67	0.47	0.47	6.30	4.69	10.98	5.51	8.62	9.37

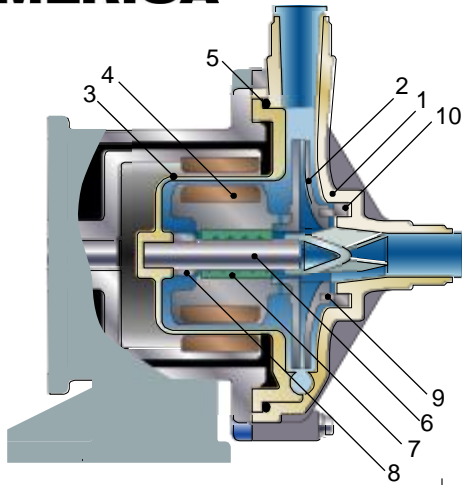
Specifications

Suction x Discharge	Max Discharge pressure	Max Flow	Specific gravity	Weight (less motor)
1.5" x 1.5"	6=38 FT. 7=43 FT.	70 GPM	1.2	13.7 lbs

MX-400 .75 HP

- Engineered to meet the most severe operating conditions.
- When fitted with a carbon bearing, the MX will allow for brief periods of dry running.
- Patented Self-radiating structure – Heat dispersion holes force the liquid to circulate around the spindle and bearing.



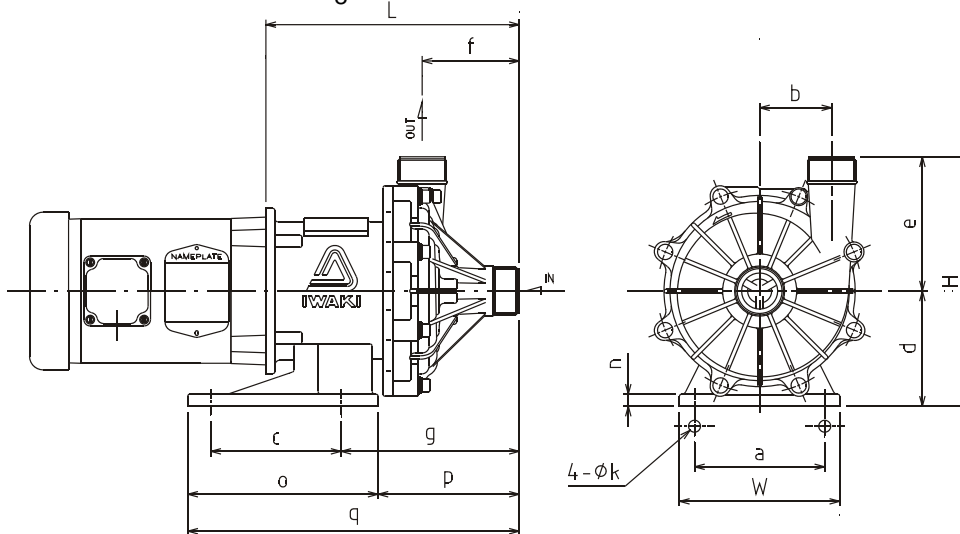


Model	MX-401		
Mark	AV (AE)	CV(CE)	RV (RE)
1 Front Casing	GFRPP		
2 Impeller	GFRPP		
3 Rear Casing	GFRPP		
4 Magnet capsule	PP		
5 O-ring	FKM ¹		
6 Spindle	Alumina Ceramic		
7 Bearing	Alumina Ceramic	Carbon	PTFE
8 Rear thrust	CFRPPS		
9 Mouth ring	PTFE		
10 Thrust/Liner ring	Alumina Ceramic		

¹ EPDM and AFLAS[®] o-ring also available

MX-401 1.5 HP

- Engineered to meet the most severe operating conditions.
- When fitted with a carbon bearing, the MX will allow for brief periods of dry running.
- The MX Series is the first resin magnet pump that uses a Split Volute Pump Casing that forms a vortex chamber.
- Patented Self-radiating structure – Heat dispersion holes force the liquid to circulate around the spindle and bearing.

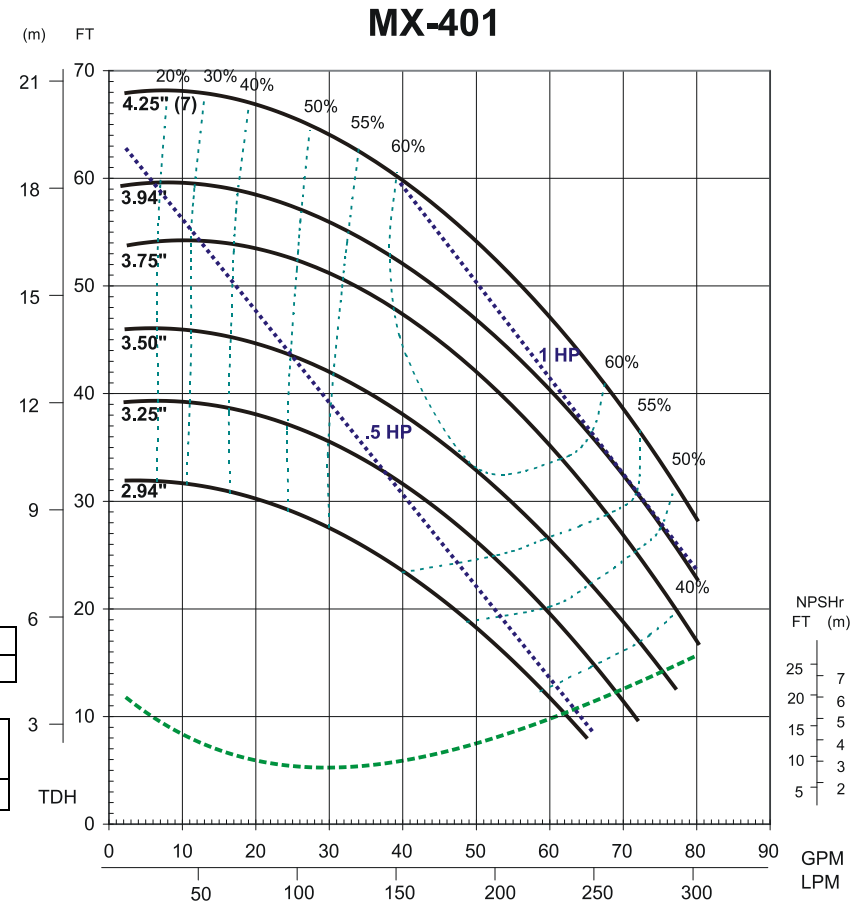


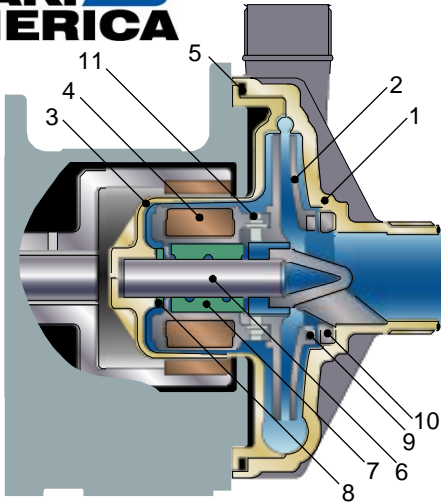
Dimensions (in inches)

a	b	c	d	e	f	g	k	n	o	p	q	W	H	L
5.12	2.83	5.12	4.53	5.28	3.82	7.01	0.47	0.47	7.48	5.55	13.03	6.30	9.81	9.96

Specifications

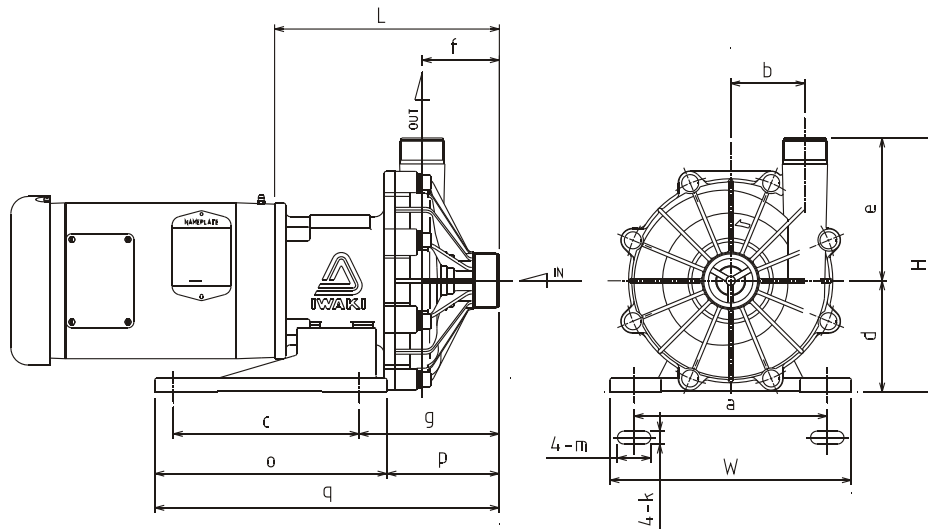
Suction x Discharge	Max Discharge pressure	Max Flow	Specific gravity	Weight (less motor)
1.5" x 1.5"	6=59 FT. 7=68 FT.	80 GPM	1.2	22.5 lbs





Model	MX-402	
Mark	CV(CE)	RV(RE)
1 Front Casing	GFRPP	
2 Impeller	GFRPP	
3 Rear Casing	GFRPP	
4 Magnet capsule	PP	
5 O-ring	FKM ¹	
6 Spindle	Alumina Ceramic	
7 Bearing	Carbon	PTFE
8 Rear thrust	CFRPEEK	
9 Mouth ring	PTFE	
10 Thrust/Liner ring	Alumina Ceramic	
11 Lock pin	GFRPPS	

1 EPDM and AFLAS® o-ring also available



Dimensions (in inches)

a	b	c	d	e	f	g	k	m	o	p	q	W	H	L
8.19	3.15	7.87	4.72	6.06	3.27	5.94	0.47	1.42	9.84	4.76	14.61	10.24	10.78	9.53

Specifications

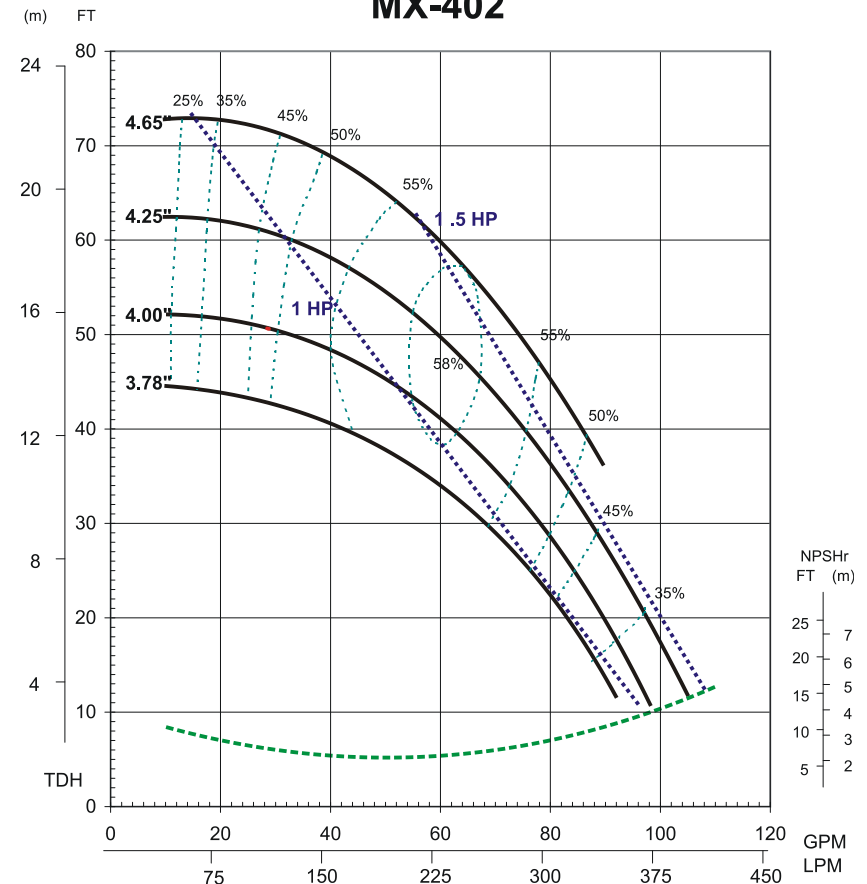
Suction x Discharge	Max Discharge pressure	Max Flow	Specific gravity	Weight (less motor)
2" x 1.5"	73 FT	107 GPM	1.2	29.8 lbs

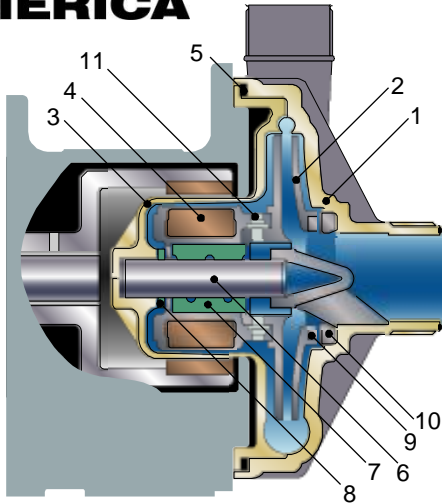
5 Boynton Road Hopping Brook Park Holliston, MA 01746-1446 USA
 Tel: 508-429-1440 www.iwaki-america.com P/N IF20542.D 3/6/2015

MX-402 2 HP

- Engineered to meet the most severe operating conditions.
- When fitted with a carbon bearing, the MX will allow for brief periods of dry running.
- The MX Series is the first resin magnet pump that uses a Split Volute Pump Casing that forms a vortex chamber.
- Patented Self-radiating structure – Heat dispersion holes force the liquid to circulate around the spindle and bearing.

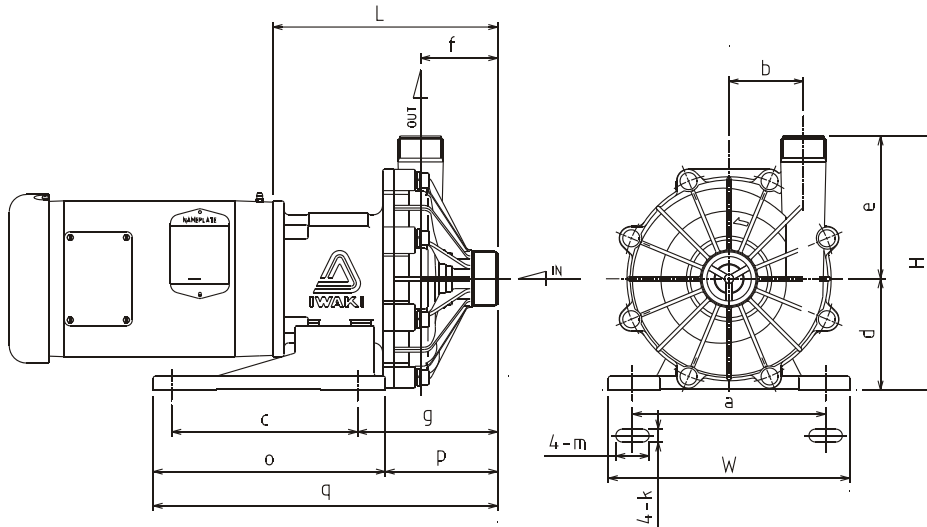
MX-402





Model	MX-402H	
Mark	CV(CE)	RV(RE)
1 Front Casing	GFRPP	
2 Impeller	GFRPP	
3 Rear Casing	GFRPP	
4 Magnet capsule	PP	
5 O-ring	FKM ¹	
6 Spindle	Alumina Ceramic	
7 Bearing	Carbon	PTFE
8 Rear thrust	CFRPEEK	
9 Mouth ring	PTFE	
10 Thrust/Liner ring	Alumina Ceramic	
11 Lock pin	GFRPPS	

1 EPDM and AFLAS® o-ring also available



Dimensions (in inches)

a	b	c	d	e	f	g	k	m	o	p	q	W	H	L
8.19	3.15	7.87	4.72	6.06	3.27	5.94	0.47	1.42	9.84	4.76	14.61	10.24	10.78	9.53

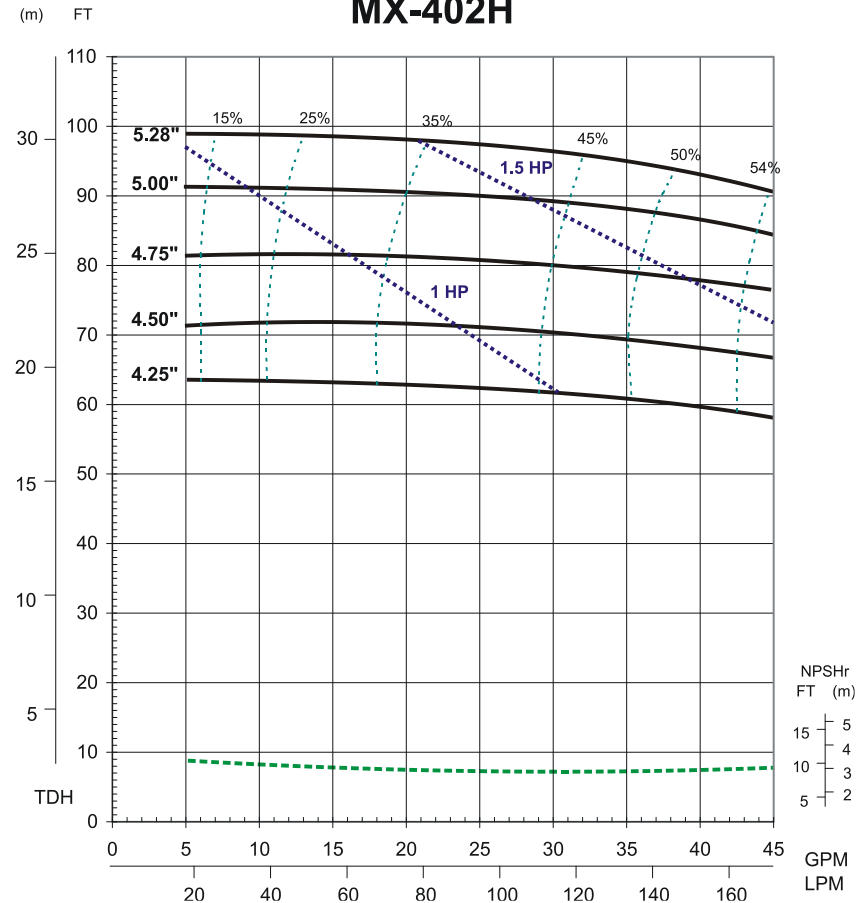
Specifications

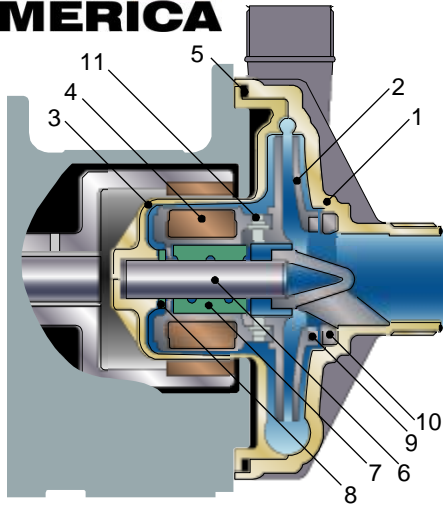
Suction x Discharge	Max Discharge pressure	Max Flow	Specific gravity	Weight (less motor)
2" x 1.5"	99 FT	45 GPM	1.0	29.8 lbs

MX-402H 2 HP

- Engineered to meet the most severe operating conditions.
- When fitted with a carbon bearing, the MX will allow for brief periods of dry running.
- The MX Series is the first resin magnet pump that uses a Split Volute Pump Casing that forms a vortex chamber.
- Patented Self-radiating structure – Heat dispersion holes force the liquid to circulate around the spindle and bearing.

MX-402H



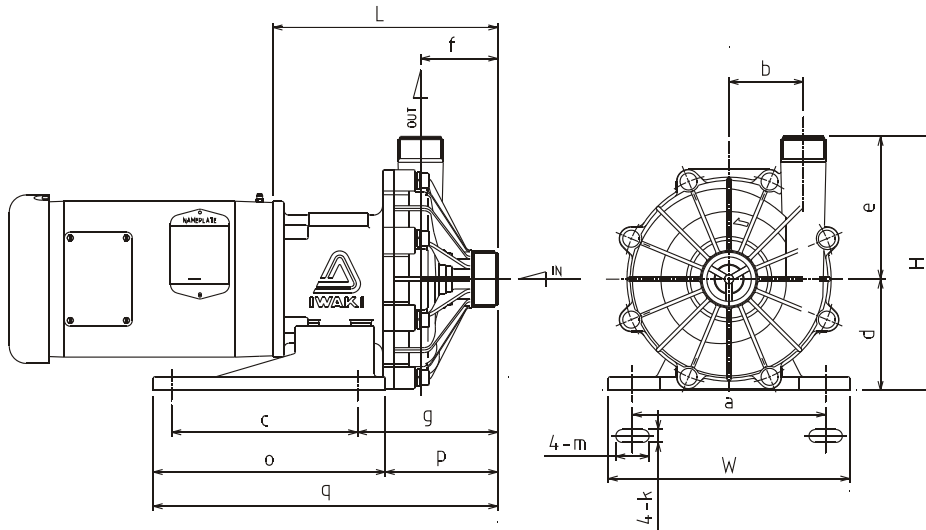


Model	MX-403	
Mark	CV(CE)	RV(RE)
1 Front Casing	GFRPP	
2 Impeller	GFRPP	
3 Rear Casing	GFRPP	
4 Magnet capsule	PP	
5 O-ring	FKM ¹	
6 Spindle	Alumina Ceramic	
7 Bearing	Carbon	PTFE
8 Rear thrust	CFRPEEK	
9 Mouth ring	PTFE	
10 Thrust/Liner ring	Alumina Ceramic	
11 Lock pin	GFRPPS	

¹ EPDM and AFLAS® o-ring also available

MX-403 3 HP

- Engineered to meet the most severe operating conditions.
- When fitted with a carbon bearing, the MX will allow for brief periods of dry running.
- The MX Series is the first resin magnet pump that uses a Split Volute Pump Casing that forms a vortex chamber.
- Patented Self-radiating structure – Heat dispersion holes force the liquid to circulate around the spindle and bearing.

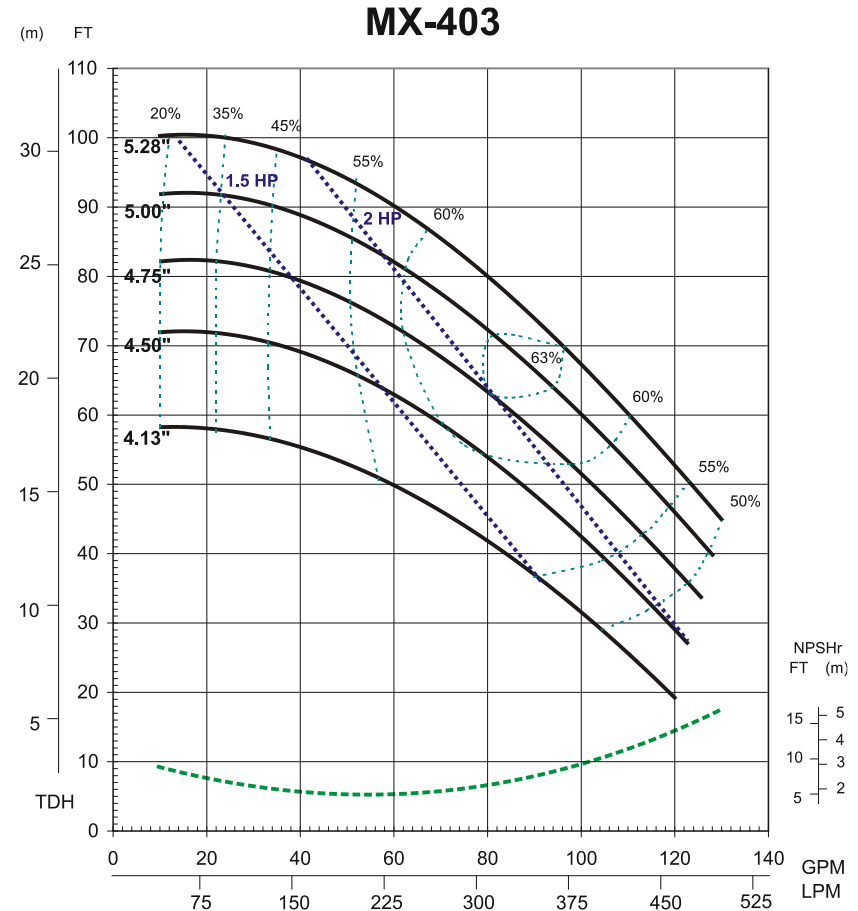


Dimensions (in inches)

a	b	c	d	e	f	g	k	m	o	p	q	W	H	L
8.19	3.15	7.87	4.72	6.06	3.27	5.94	0.47	1.42	9.84	4.76	14.61	10.24	10.78	9.53

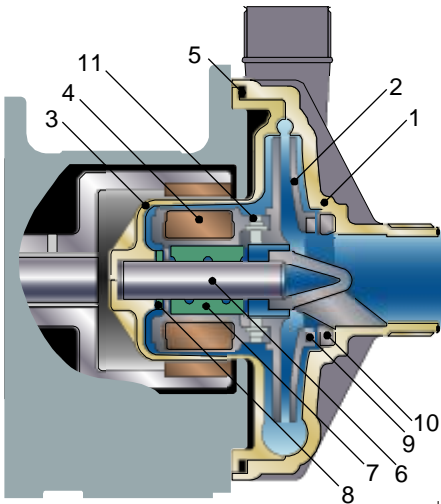
Specifications

Suction x Discharge	Max Discharge pressure	Max Flow	Specific gravity	Weight (less motor)
2" x 1.5"	101 FT	130 GPM	1.2	32 lbs





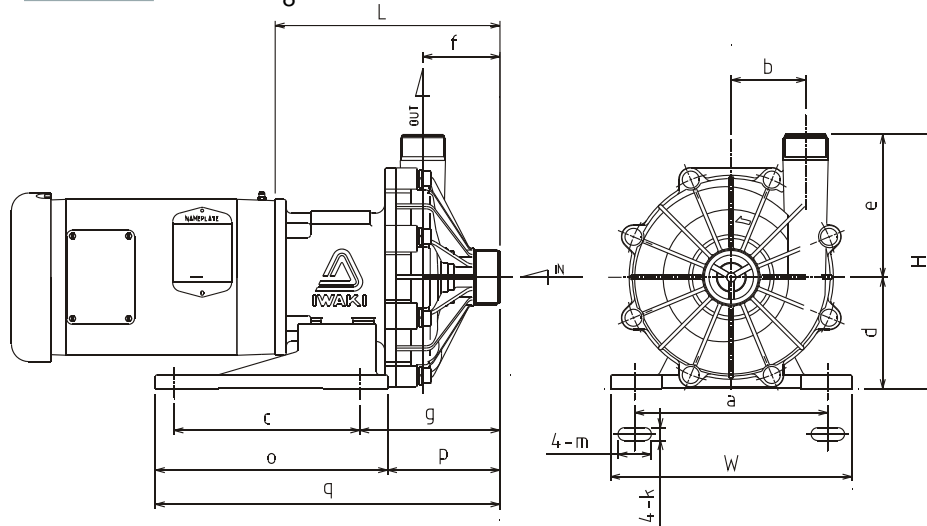
MX-403H 3 HP



Model	MX-403H	
Mark	CV(CE)	RV (RE)
1 Front Casing	GFRPP	
2 Impeller	GFRPP	
3 Rear Casing	GFRPP	
4 Magnet capsule	PP	
5 O-ring	FKM ¹	
6 Spindle	Alumina Ceramic	
7 Bearing	Carbon	PTFE
8 Rear thrust	CFRPEEK	
9 Mouth ring	PTFE	
10 Thrust/Liner ring	Alumina Ceramic	
11 Lock pin	GFRPPS	

1 EPDM and AFLAS® o-ring also available

- Engineered to meet the most severe operating conditions.
- When fitted with a carbon bearing, the MX will allow for brief periods of dry running.
- The MX Series is the first resin magnet pump that uses a Split Volute Pump Casing that forms a vortex chamber.
- Patented Self-radiating structure – Heat dispersion holes force the liquid to circulate around the spindle and bearing .

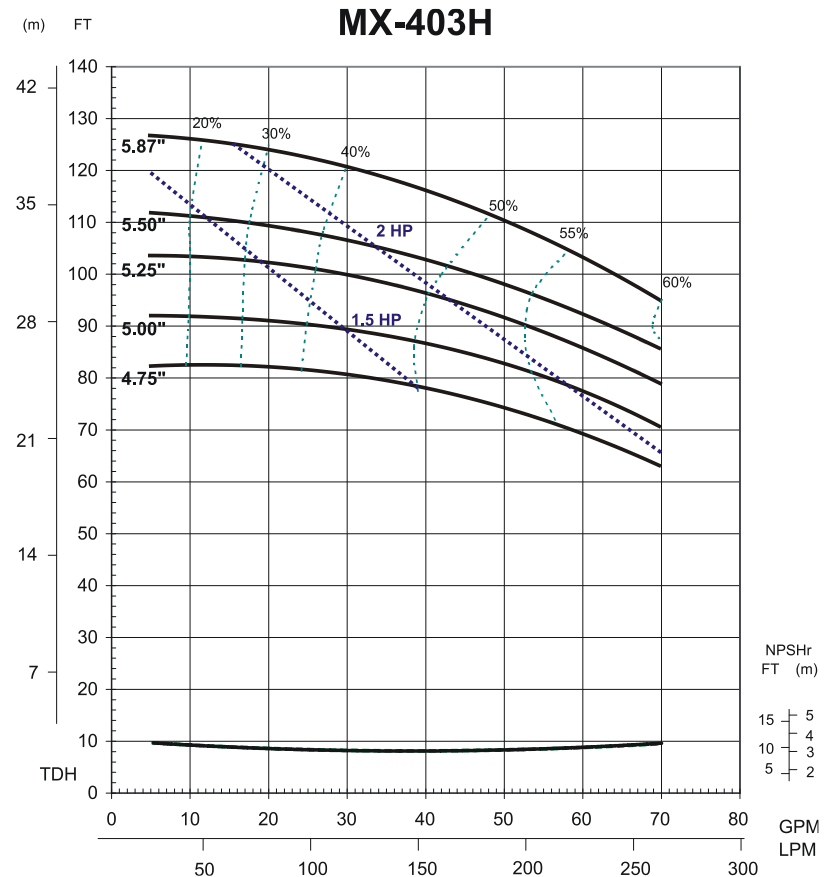


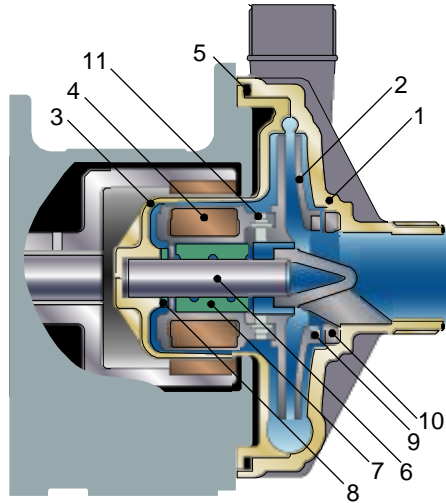
Dimensions (in inches)

a	b	c	d	e	f	g	k	m	o	p	q	W	H	L
8.19	3.15	7.87	4.72	6.06	3.27	5.94	0.47	1.42	9.84	4.76	14.61	10.24	10.78	9.53

Specifications

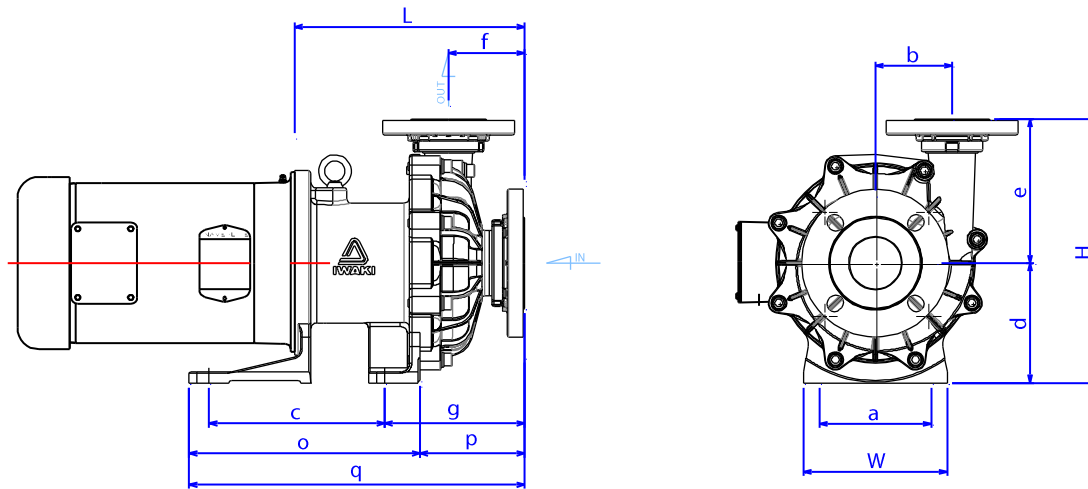
Suction x Discharge	Max Discharge pressure	Max Flow	Specific gravity	Weight (less motor)
2" x 1.5"	126 FT	70 GPM	1.2	32 lbs





Model	MX-505	
Mark	CV(CE)	RV(RE)
1 Front Casing	GFRPP	
2 Impeller	GFRPP	
3 Rear Casing	GFRPP	
4 Magnet capsule	PP	
5 O-ring	FKM ¹	
6 Spindle	Alumina Ceramic	
7 Bearing	Carbon	PTFE
8 Rear thrust	CFRPEEK	
9 Mouth ring	PTFE	
10 Thrust/Liner ring	Alumina Ceramic	
11 Lock pin	GFRPPS	

1 EPDM and AFLAS® o-ring also available



Dimensions (in inches)

a	b	c	d	e	f	g	k	o	p	q	W	H	L
5.51	3.78	8.66	5.91	7.09	3.74	6.89	0.55	11.38	5.16	16.54	7.09	12.99	11.32

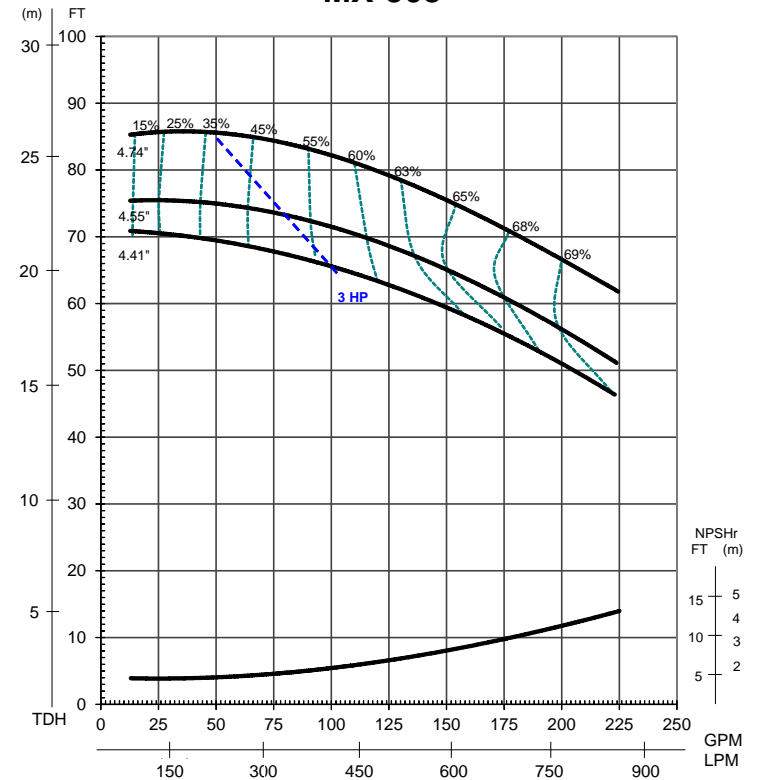
Specifications

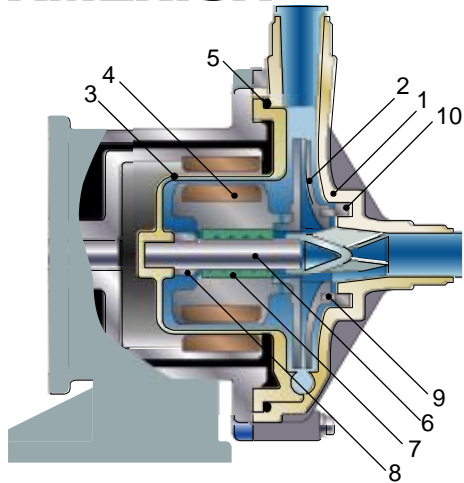
Flange connections only Suction x Discharge	Max Discharge pressure	Max Flow	Specific gravity	Weight (less motor)
2.5" x 2.0"	86 FT	225 GPM	1.2	59.5 lbs

MX-505 5 HP

- Engineered to meet the most severe operating conditions.
- When fitted with a carbon bearing, the MX will allow for brief periods of dry running.
- The MX Series is the first resin magnet pump that uses a Split Volute Pump Casing that forms a vortex chamber.
- Patented Self-radiating structure – Heat dispersion holes force the liquid to circulate around the spindle and bearing.

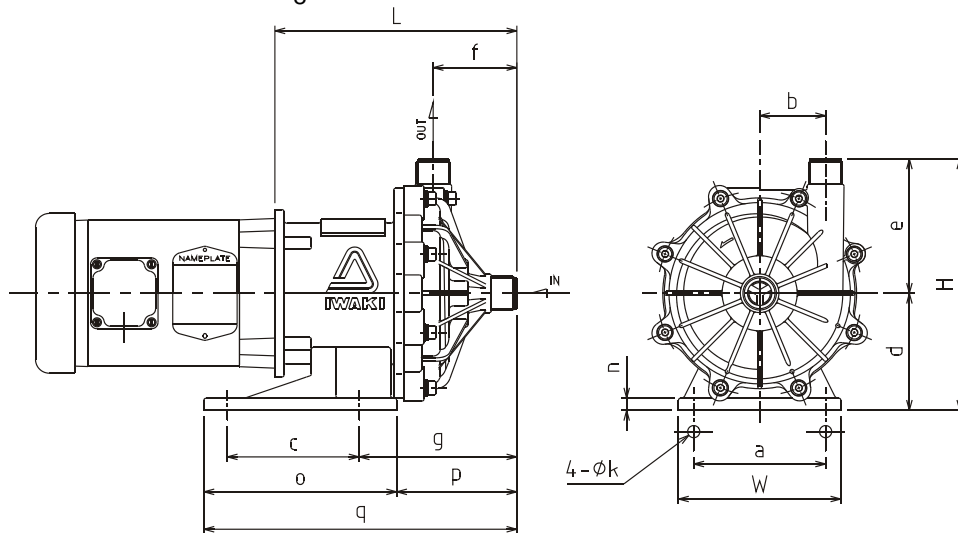
MX-505





Model	MX-F250			
	CFV	RFV	KKV	AFV
1 Front Casing	CFRETFE			
2 Impeller	CFRETFE			
3 Rear Casing	CFRETFE			
4 Magnet capsule	CFRETFE			
5 O-ring	FKM ¹			
6 Spindle	High Purity Alumina Ceramic	SIC	High Purity Alumina Ceramic	
7 Bearing	Carbon	PTFE	SIC	High Purity Alumina Ceramic
8 Rear thrust	CFRETFE			
9 Mouth ring	PTFE	SIC	PTFE	
10 Thrust/Liner ring	Alumina Ceramic	SIC	High Purity Alumina Ceramic	

1 EPDM and AFLAS® o-ring also available



Dimensions (in inches)

a	b	c	d	e	f	g	k	n	o	p	q	W	H	L
5.12	2.56	53.12	4.53	5.22	3.25	6.12	0.47	0.47	7.48	4.67	12.15	6.30	9.75	9.39

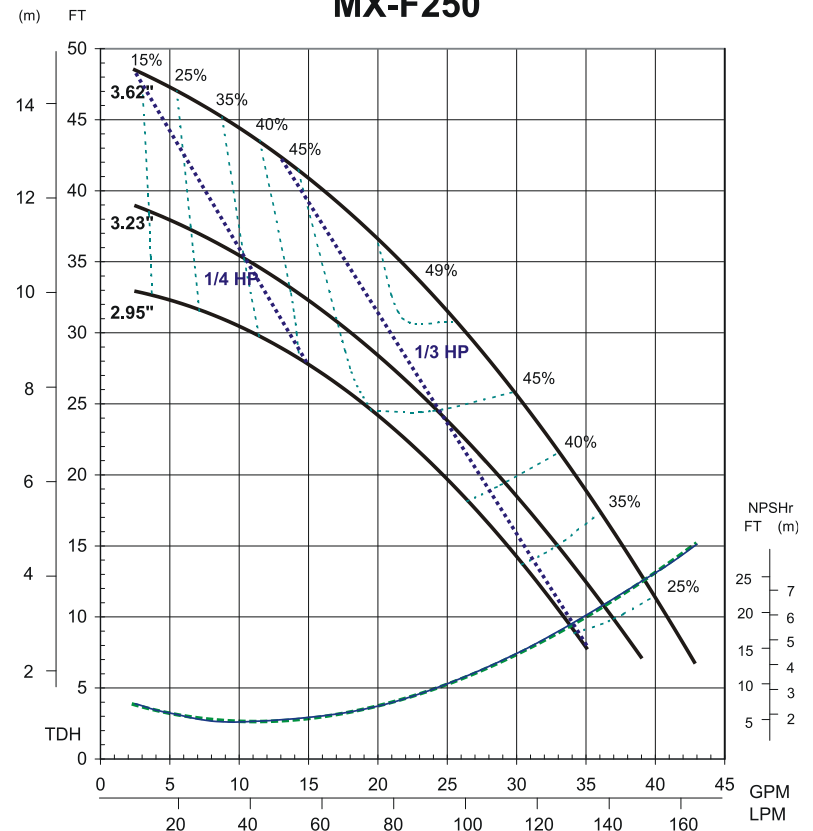
Specifications

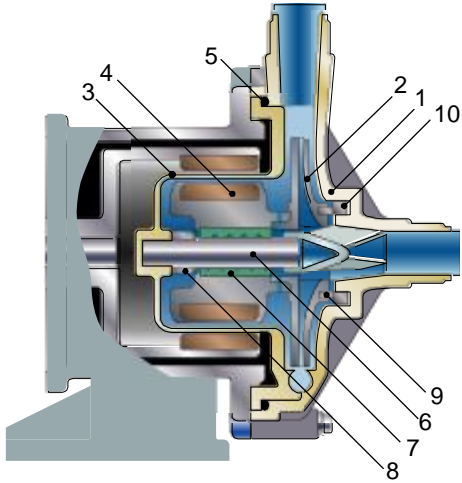
Suction x Discharge	Max Discharge pressure	Max Flow	Specific gravity	Weight (less motor)
1" x 1"	48 FT	43 GPM	1.2	17 lbs

MX-F250 .5 HP

- Engineered to meet the most severe operating conditions.
- When fitted with a carbon bearing, the MX will allow for brief periods of dry running.
- The MX Series is the first resin magnet pump that uses a Split Volute Pump Casing that forms a vortex chamber.
- Patented Self-radiating structure – Heat dispersion holes force the liquid to circulate around the spindle and bearing.

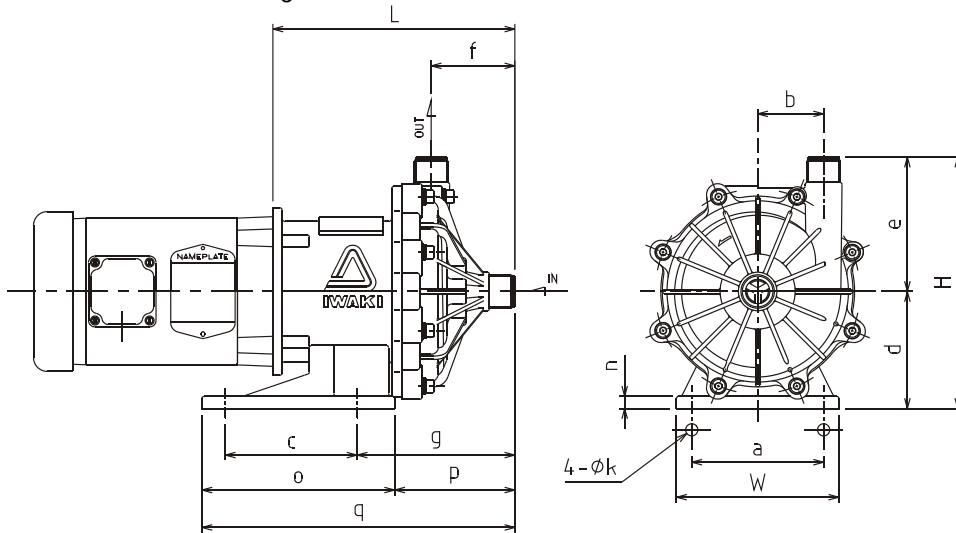
MX-F250





Model	MX-F251			
	CFV	RFV	KKV	AFV
1 Front Casing	CFRETFE			
2 Impeller	CFRETFE			
3 Rear Casing	CFRETFE			
4 Magnet capsule	CFRETFE			
5 O-ring	FKM ¹			
6 Spindle	High Purity Alumina Ceramic	SIC	High Purity Alumina Ceramic	
7 Bearing	Carbon	PTFE	SIC	High Purity Alumina Ceramic
8 Rear thrust	CFRETFE			
9 Mouth ring	PTFE	SIC	PTFE	
10 Thrust/Liner ring	Alumina Ceramic	SIC	High Purity Alumina Ceramic	

1 EPDM and AFLAS® o-ring also available



Dimensions (in inches)

a	b	c	d	e	f	g	k	n	o	p	q	W	H	L
5.12	2.56	53.12	4.53	5.22	3.25	6.12	0.47	0.47	7.48	4.67	12.15	6.30	9.75	9.39

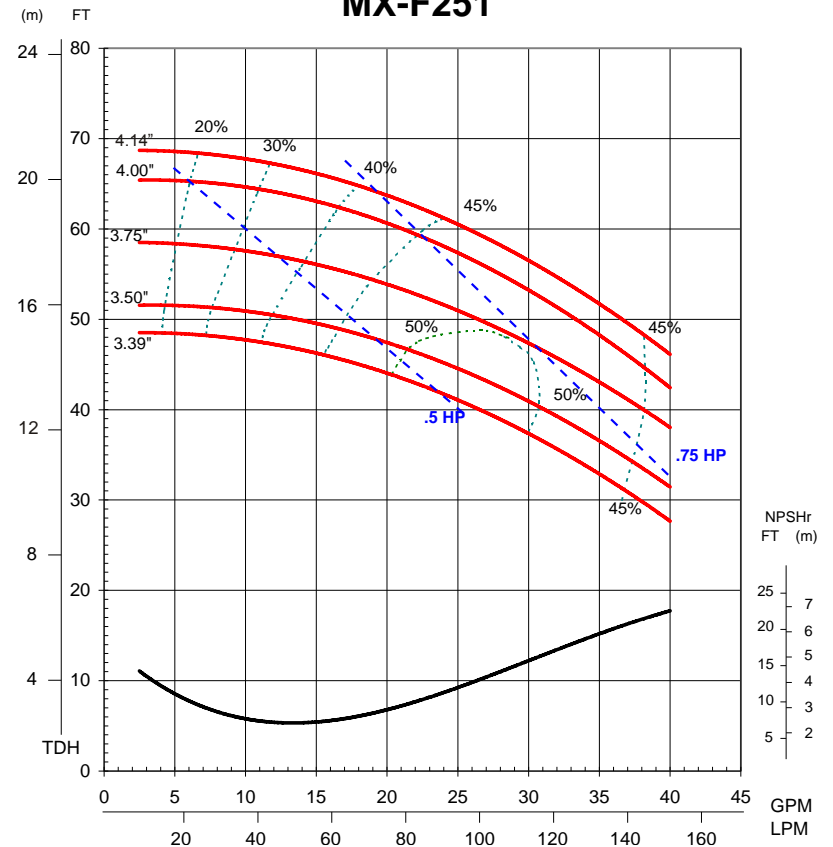
Specifications

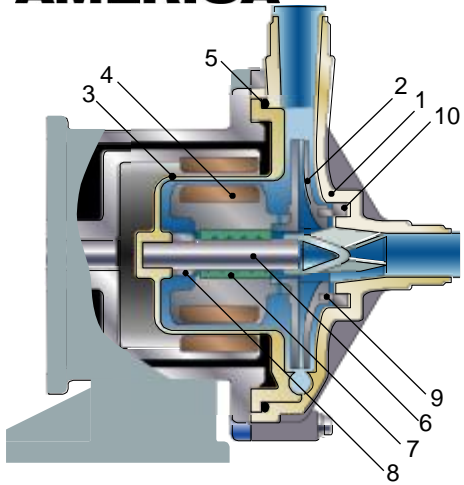
Suction x Discharge	Max Discharge pressure	Max Flow	Specific gravity	Weight (less motor)
1" x 1"	69 FT	40 GPM	1.0	22.5 lbs

MX-F251 1 HP

- Engineered to meet the most severe operating conditions.
- When fitted with a carbon bearing, the MX will allow for brief periods of dry running.
- The MX Series is the first resin magnet pump that uses a Split Volute Pump Casing that forms a vortex chamber.
- Patented Self-radiating structure – Heat dispersion holes force the liquid to circulate around the spindle and bearing.

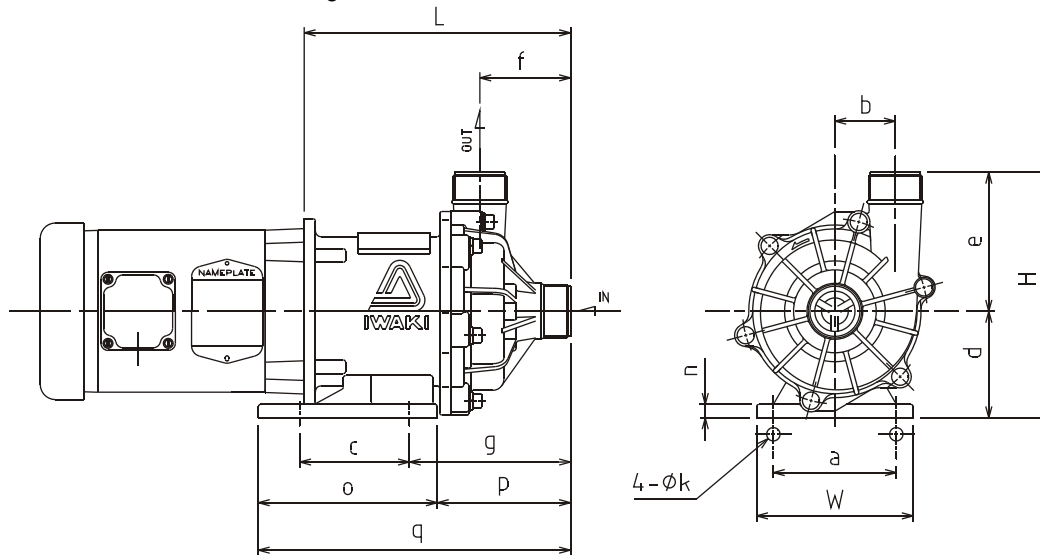
MX-F251





Model	MX-F400			
Mark	CFV	RFV	KKV	AFV
1 Front Casing	CFRETFE			
2 Impeller	CFRETFE			
3 Rear Casing	CFRETFE			
4 Magnet capsule	CFRETFE			
5 O-ring	FKM ¹			
6 Spindle	High Purity Alumina Ceramic	SIC	High Purity Alumina Ceramic	
7 Bearing	Carbon	PTFE	SIC	High Purity Alumina Ceramic
8 Rear thrust	CFRETFE			
9 Mouth ring	PTFE	SIC	PTFE	
10 Thrust/Liner ring	Alumina Ceramic	SIC	High Purity Alumina Ceramic	

1 EPDM and AFLAS® o-ring also available



Dimensions (in inches)

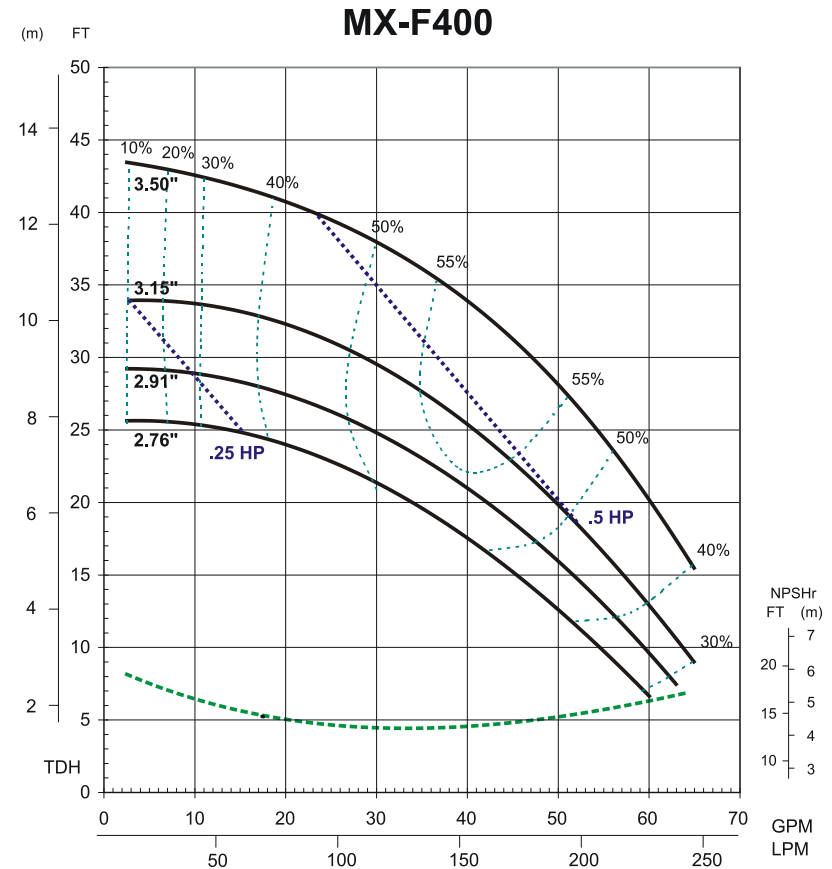
a	b	c	d	e	f	g	k	n	o	p	q	W	H	L
4.33	2.13	3.86	3.74	4.88	3.19	5.67	0.47	0.47	6.30	4.69	10.98	5.51	8.62	9.37

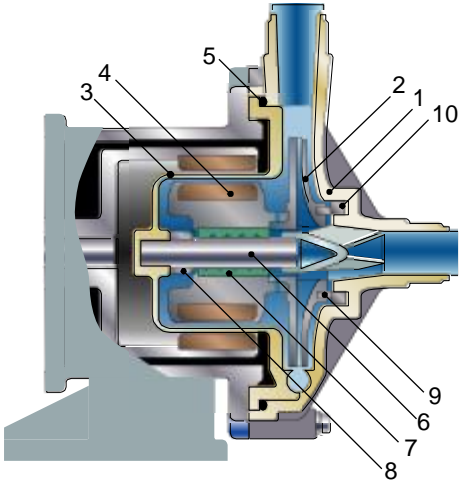
Specifications

Suction x Discharge	Max Discharge pressure	Max Flow	Specific gravity	Weight (less motor)
1.5" x 1.5"	V=43 FT X=34 FT	65 GPM	1.2	13.7 lbs

MX-F400 .75 HP

- Engineered to meet the most severe operating conditions.
- When fitted with a carbon bearing, the MX will allow for brief periods of dry running.
- Patented Self-radiating structure – Heat dispersion holes force the liquid to circulate around the spindle and bearing.



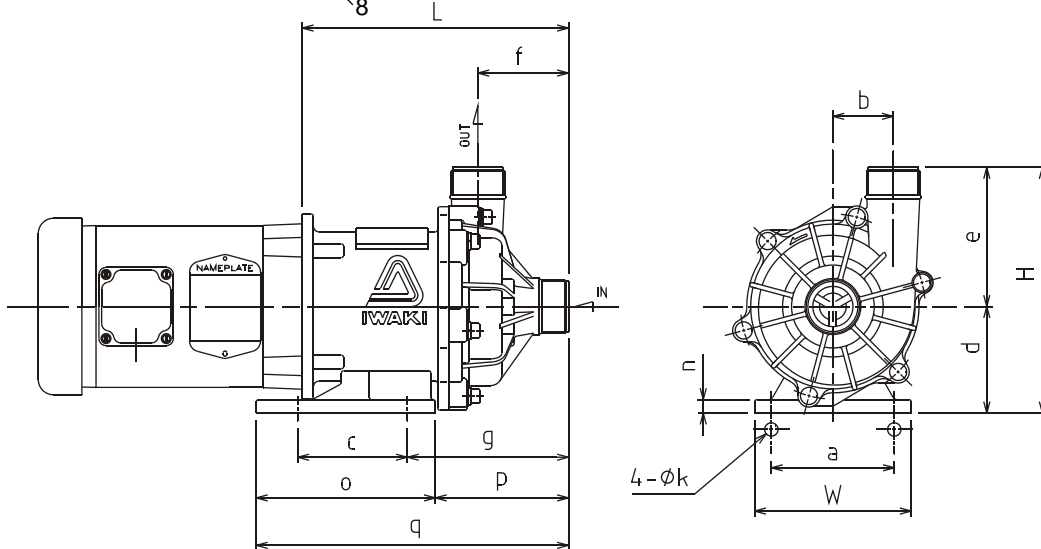


Model	MX-F401			
Mark	CFV	RFV	KKV	AFV
1 Front Casing	CFRETFE			
2 Impeller	CFRETFE			
3 Rear Casing	CFRETFE			
4 Magnet capsule	CFRETFE			
5 O-ring	FKM ¹			
6 Spindle	High Purity Alumina Ceramic	SiC	High Purity Alumina Ceramic	
7 Bearing	Carbon	PTFE	SiC	High Purity Alumina Ceramic
8 Rear thrust	CFRETFE			
9 Mouth ring	PTFE	SiC	PTFE	
10 Thrust/Liner ring	Alumina Ceramic	SiC	High Purity Alumina Ceramic	

1 EPDM and AFLAS® o-ring also available

MX-F401 1.5 HP

- Engineered to meet the most severe operating conditions.
- When fitted with a carbon bearing, the MX will allow for brief periods of dry running.
- The MX Series is the first resin magnet pump that uses a Split Volute Pump Casing that forms a vortex chamber.
- Patented Self-radiating structure – Heat dispersion holes force the liquid to circulate around the spindle and bearing.

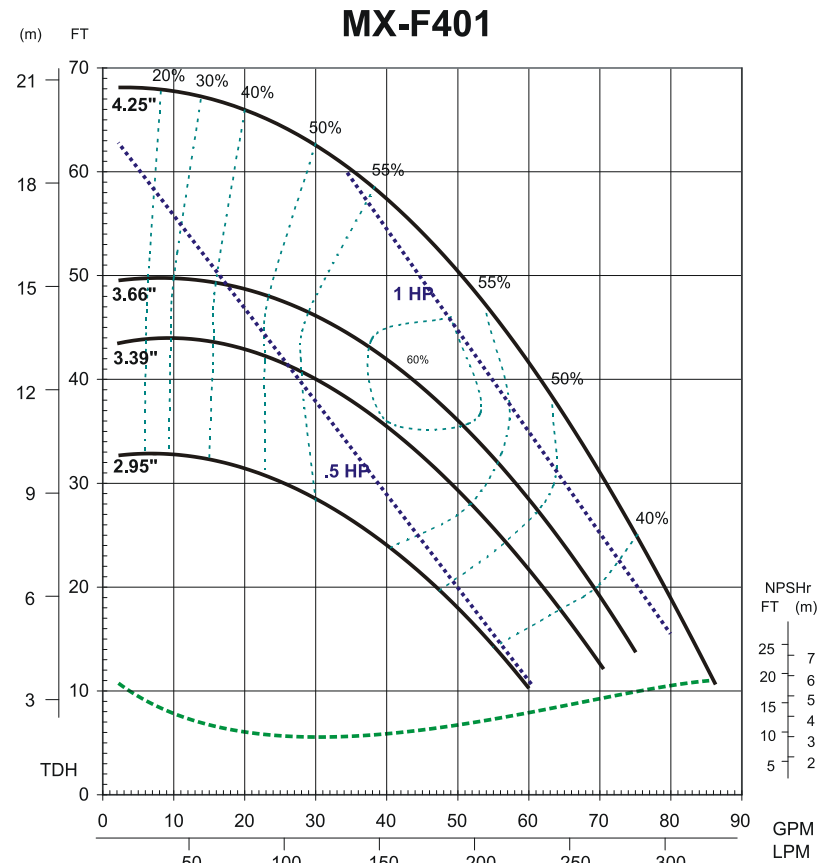


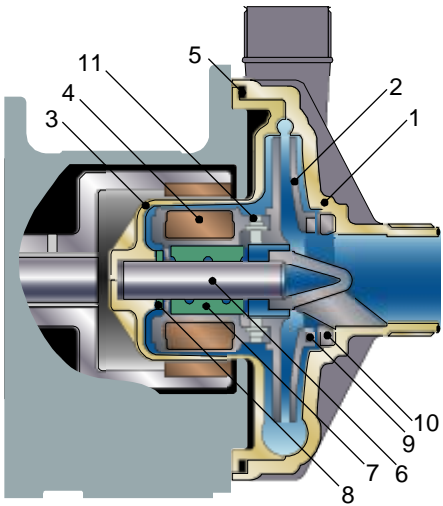
Dimensions (in inches)

a	b	c	d	e	f	g	k	n	o	p	q	W	H	L
5.12	2.83	5.12	4.53	5.28	3.82	7.01	0.47	0.47	7.48	5.55	13.03	6.30	9.81	9.96

Specifications

Suction x Discharge	Max Discharge pressure	Max Flow	Specific gravity	Weight (less motor)
1.5" x 1.5"	V=68 FT X=50 FT	V=86 GPM X=75 GPM	1.2	13.7 lbs



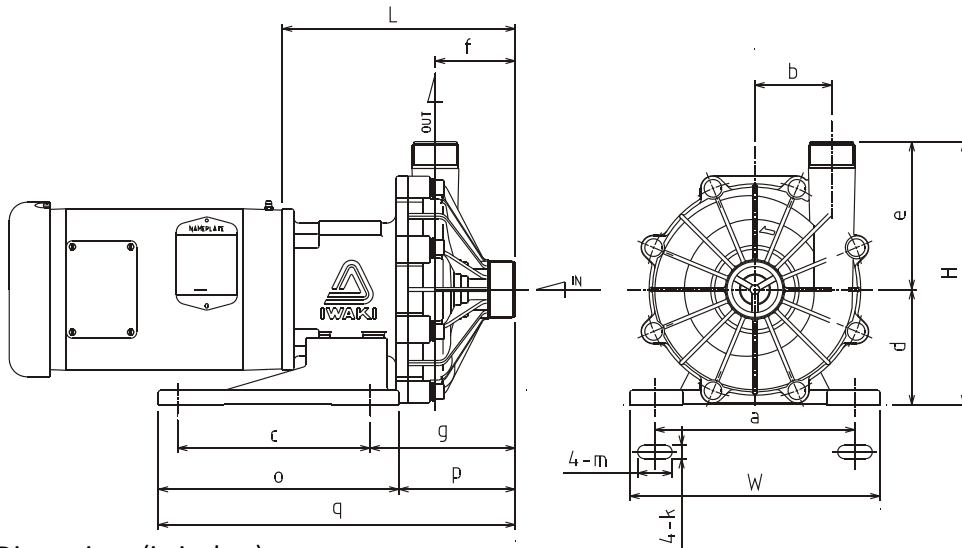


Model	MX-F402		
	CFV	RFV	KKV
1 Front Casing	CFRETFE		
2 Impeller	CFRETFE		
3 Rear Casing	CFRETFE		
4 Magnet capsule	CFRETFE		
5 O-ring	FKM ¹		
6 Spindle	High Purity Alumina Ceramic		SiC
7 Bearing	Carbon	PTFE	SiC
8 Rear thrust	CFRETFE		
9 Mouth ring	PTFE		SiC
10 Thrust/Liner ring	Alumina Ceramic		SiC
11 Lock pin	CFRETFE		

1 EPDM and AFLAS® o-ring also available

MX-F402 2 HP

- Engineered to meet the most severe operating conditions.
- When fitted with a carbon bearing, the MX will allow for brief periods of dry running.
- The MX Series is the first resin magnet pump that uses a Split Volute Pump Casing that forms a vortex chamber.
- Patented Self-radiating structure – Heat dispersion holes force the liquid to circulate around the spindle and bearing.



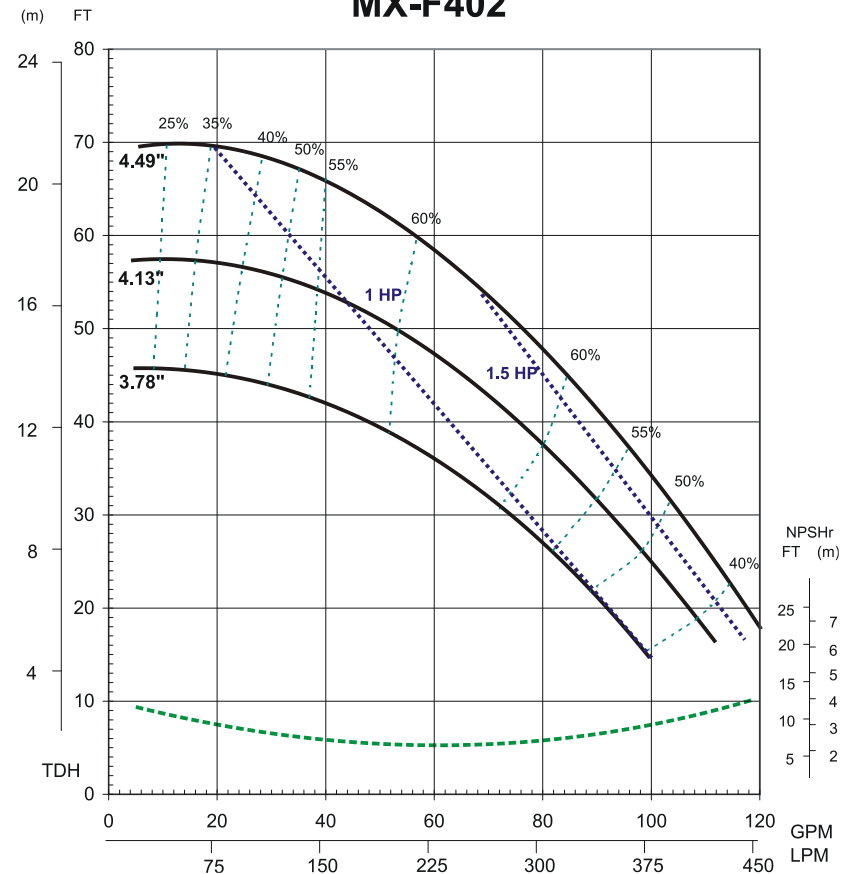
Dimensions (in inches)

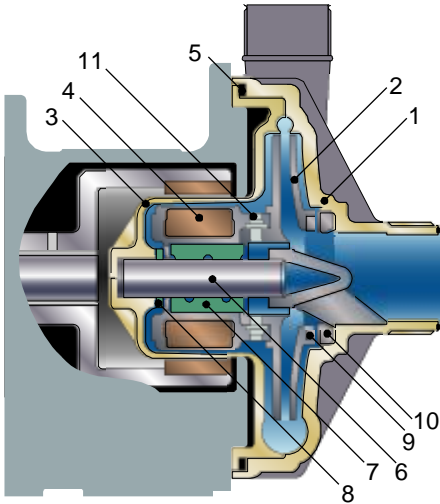
a	b	c	d	e	f	g	k	m	o	p	q	W	H	L
8.19	3.15	7.87	4.72	6.06	3.27	5.94	0.47	1.42	9.84	4.76	14.61	10.24	10.78	9.53

Specifications

Suction x Discharge	Max Discharge pressure	Max Flow	Specific gravity	Weight (less motor)
2" x 1.5"	70 FT	120 GPM	1.2	29.8 lbs

MX-F402



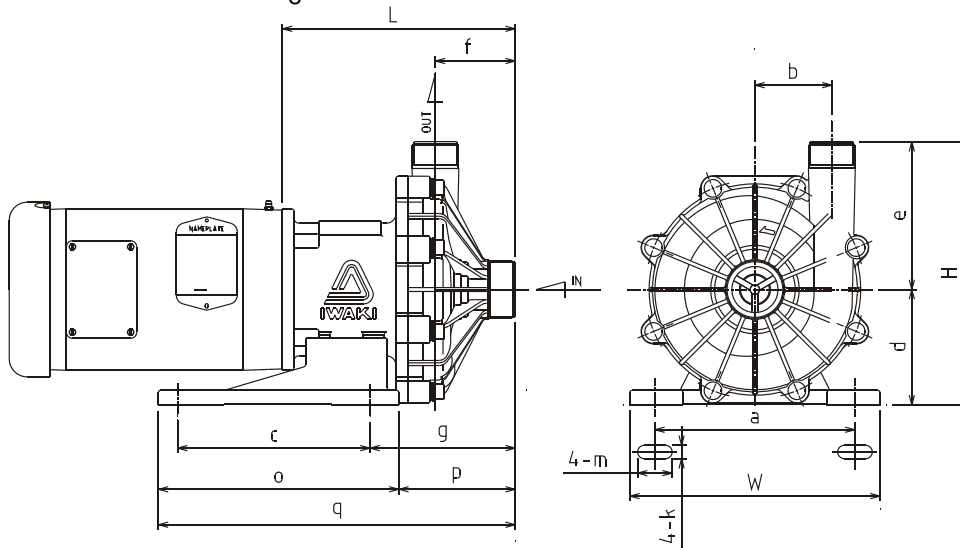


Model	MX-F403		
	CFV	RFV	KKV
1 Front Casing	CFRETFE		
2 Impeller	CFRETFE		
3 Rear Casing	CFRETFE		
4 Magnet capsule	CFRETFE		
5 O-ring	FKM ¹		
6 Spindle	High Purity Alumina Ceramic	SiC	
7 Bearing	Carbon	PTFE	SiC
8 Rear thrust	CFRETFE		
9 Mouth ring	PTFE		SiC
10 Thrust/Liner ring	Alumina Ceramic	SiC	
11 Lock Pin	CFRETFE		

¹ EPDM and AFLAS® o-ring also available

MX-F403 3 HP

- Engineered to meet the most severe operating conditions.
- When fitted with a carbon bearing, the MX will allow for brief periods of dry running.
- The MX Series is the first resin magnet pump that uses a Split Volute Pump Casing that forms a vortex chamber.
- Patented Self-radiating structure – Heat dispersion holes force the liquid to circulate around the spindle and bearing.



Dimensions (in inches)

a	b	c	d	e	f	g	k	m	o	p	q	W	H	L
8.19	3.15	7.87	4.72	6.06	3.27	5.94	0.47	1.42	9.84	4.76	14.61	10.24	10.78	9.53

Specifications

Suction x Discharge	Max Discharge pressure	Max Flow	Specific gravity	Weight (less motor)
2" x 1.5"	93 FT	130 GPM	1.2	32 lbs

