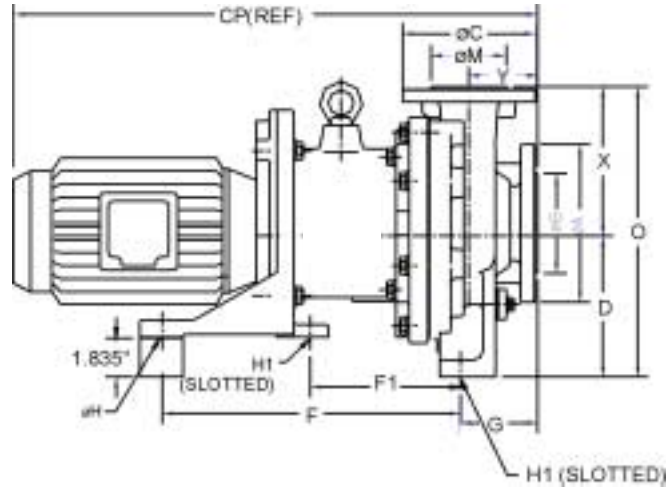
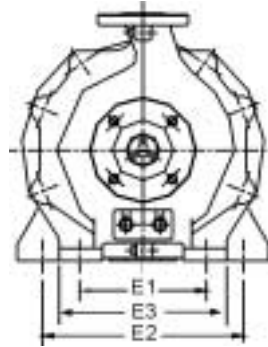


## MDM Pump Dimensions

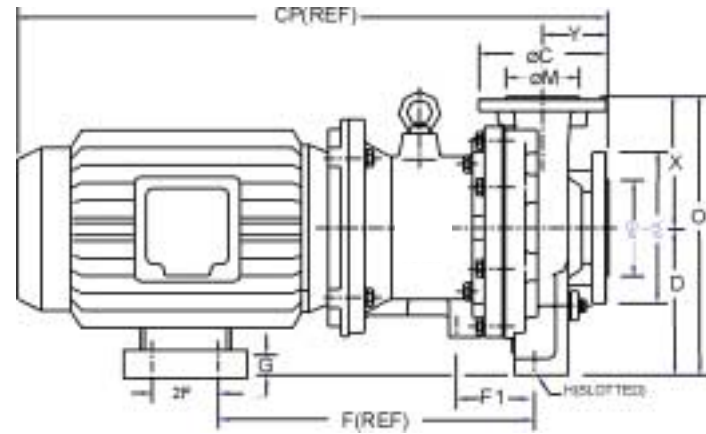
MDM 1516 to 2526, 3-5 HP



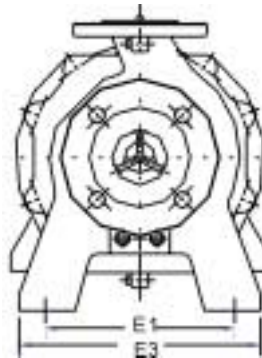
MDM 1516 to 1518



MDM 1518 to 326, 7.5-20 HP



MDM 2156 to 326



## MDM MAGNETIC DRIVE PUMPS



**MDM** is a wide ranging line of chemical process pumps designed to solve the most demanding chemical handling applications. Two materials of construction and convenient mounting configurations allow MDM to handle many different aggressive chemical and high purity applications.

- **Unexpected dry running** won't damage the pump or interrupt the process. Our new design allows the pump to handle these situations with ease.
- **High purity** process fluid will not be contaminated by trace metals due to our combination of high purity materials and meticulous construction.
- **High strength** rare earth magnets are totally encapsulated within fluororesin moldings. Small, lightweight and perfectly concentric magnet capsules optimize pump efficiency.
- **Installation time** and maintenance time are reduced with our compact, close-coupled design.
- **Operating costs** are reduced thanks to simple, modular construction and individually replaceable parts.
- **Closed impeller design** for high efficiency; impellers are individually replaceable with patent-pending pinned/splined arrangement.

MDM Model	Frame	CP	D	E1	E2	E3	F	F1	G	H	H1	O	X	Y
1516	182TC	29 (736.6)	5.25 (133.35)	6.0 (152.4)	9.45 (240.3)	7.87 (199.9)	14.09 (357.89)	7.25 (184.2)	---	0.63 (16)	---	11.76 (298.7)	6.5 (165.1)	4.0 (101.6)
1518	184TC	30 (762)		6.0 (152.4)	9.45 (240.3)	7.87 (199.9)	14.09 (357.89)	7.25 (184.2)	---		---	---	11.76 (298.7)	6.5 (165.1)
	2156	213-215TC	33.5 (850.9)	5.98 (151.89)	---	---	14.07 (357.4)	4.09 (103.9)	---	---	0.55 (13.97)	---	13.39 (340.11)	6.3 (160.02)
184TC		29 (736.6)	---	---	11.02 (279.91)	13.68 (347.47)	6.89 (175.01)	3.54 (89.92)	0.55 (13.97)	0.38 (9.65)	---			
2526	213-215TC	31 (784.4)	7.09 (180.09)	8.66 (219.96)	11.02 (279.91)	---	13.68 (347.47)	6.89 (175.01)	3.54 (89.92)	0.38 (9.65)	0.55 (13.97)	13.39 (340.11)	6.3 (160.02)	3.15 (80.01)
	184TC	29 (736.6)				---	---	---	14.45 (367.03)	3.70 (93.98)	1.83 (46.48)			
326	213-215TC	31 (784.4)	8.25 (209.55)	9.76 (247.9)	11.81 (299.97)	11.81 (299.97)	14.47 (367.5)	4.09 (103.9)	2.99 (75.95)	0.63 (16)	---	16.5 (419.1)	8.25 (209.55)	4.0 (101.6)
	254-256TC	36 (914.4)					14.97 (380.24)	1.99 (50.55)	---					

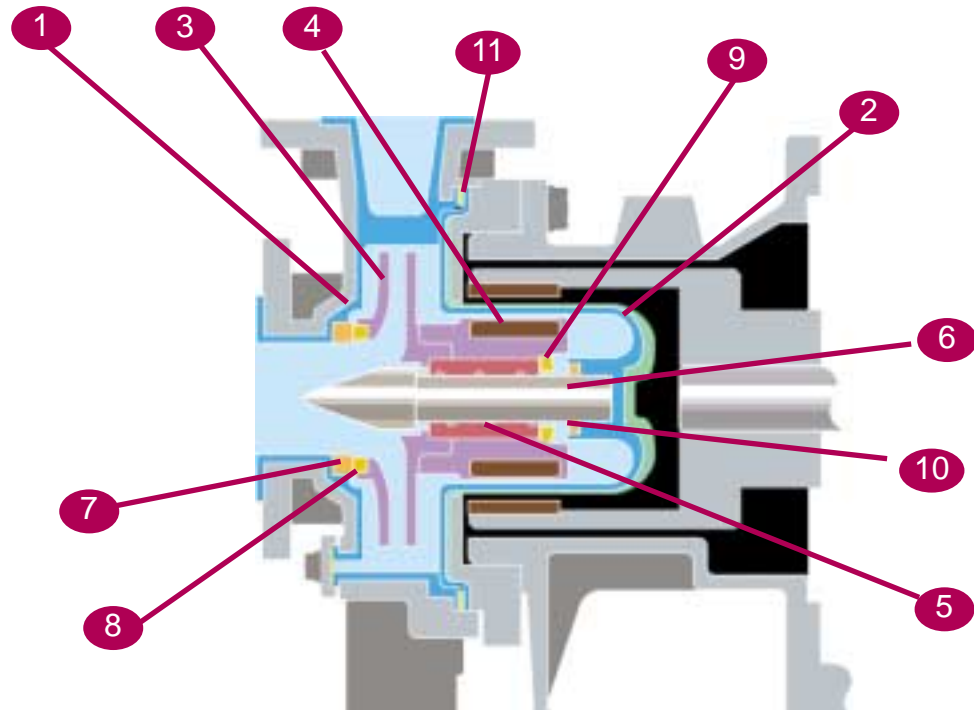
Part number 180214.B Mar 2003



IWAKI WALCHEM Corporation 5 Boynton Road Hopping Brook Park Holliston, MA 01746 USA  
Tel: 508-429-1440 Fax: 508-429-1386 www.iwakiwalchem.com



### WET END MATERIALS



Materials	ECF	EKK	PKK
1. Front casing	20% CFRETFE	SiC	100% PFA
2. Rear casing			
3. Impeller			
4. Inner magnet			
5. Bearing	High density carbon	SiC	SiC
6. Shaft	High purity alumina ceramic		
7. Outboard forward thrust collar	PTFE		
8. Inboard front thrust collar	High purity alumina ceramic	PTFE (with filler)	PTFE
9. Inboard rear thrust collar	PTFE		
10. Outboard rear thrust collar	PTFE		PTFE
11. Gasket	PTFE		

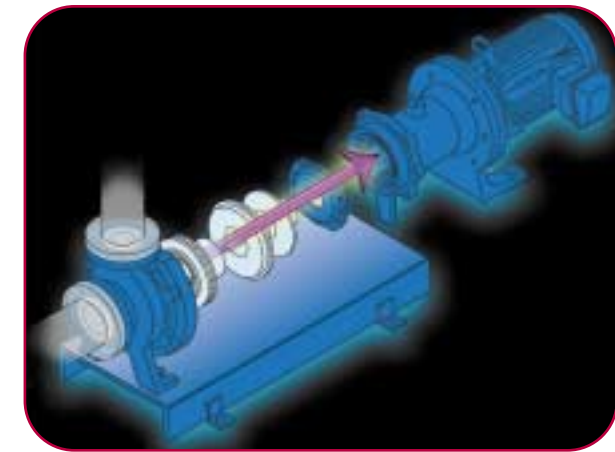
### SPECIFICATIONS

Model	Connections Suct x Disch 150# (inch)	Nominal Impeller Dia. (inch)	BEP Capacity @60Hz (GPM)	BEP Head (ft)	Min Flow rate (GPM)	Nominal Motor (RPM)	Motor (HP)
1516	1½ x 1	5.52	50	108	5	3500	3
1518	1½ x 1	6.7	70	167			
2156	2 x 1½	5.71	150	116	13		5, 7.5, 10
2526	2½ x 2	6.3	225	118			
326	3 x 2	6.7	275	150			7.5, 10, 15, 20

## MDM

*High purity processing and transfer needs*

MDM's back pullout design allows the operator to inspect the pump while leaving the line pressurized. The pump features safety measures that prevent liquid from leaking when the foot support is pulled back. MDM's modular design keeps your operating cost low over the life of the pump by making regular maintenance a snap.



### MDM Composite Curve

