

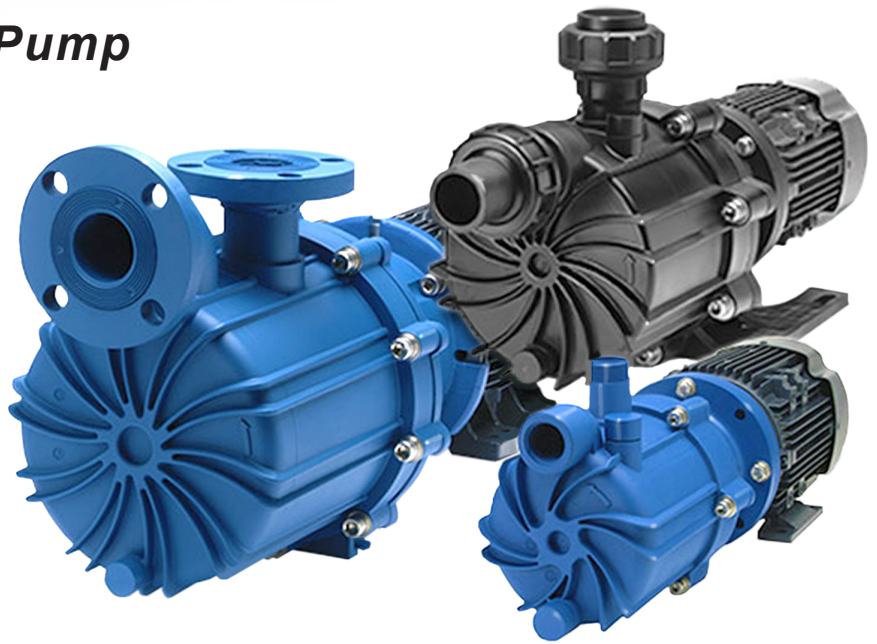
MTD-SP **Magnetic Self Priming Pump**

Applications:

- Sumps and reservoirs
- Below grade storage tanks
- Over the wall applications
- When run-dry protection is needed and many more!

Features and Capabilities:

- Self-priming, magnetic drive
- Provides up to 25ft lift or equivalent
- Primes 15ft in 90 seconds with maximum diameter impeller
- Retains fluid for re-priming when shut off without a check valve
- Extended run dry ability (with carbon bushing)
- High operation efficiency
- Polypropylene or PVDF construction
- Powerful neodymium magnets
- Close-coupled design
- Threaded (NPT or BSP), union, or flange connections



Big on power, yet, short on energy consumption, the MTD-SP Series from Filter Pump is one of the most versatile and economical centrifugal pumps on the market.

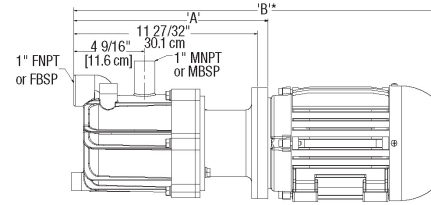
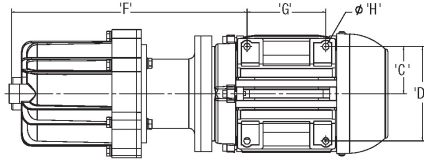
The MTD-SP is perfect for applications difficult for ordinary centrifugal pumps, such as pumping fluid from below grating, emptying tanker trucks or rail cars. Transferring liquids from the top of tall bulk storage tanks to reduce the possibility of leaks from sidewall mounted bulkhead fittings, overcoming piping systems that tend to have trapped or entrained air, or when optimum run dry protection is needed.

The MTD-SP Series combines deep lift capabilities and lightning-fast priming with the advantages of magnetic drive technology. Thus, ensuring ease of operation with no seal replacement, no leaks, and the ability to run dry without damage.

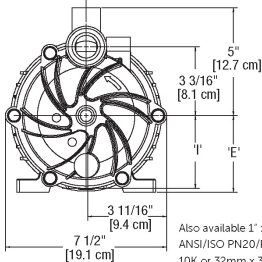
Its innovative design and corrosion-resistant materials make the MTD-SP Series ideal for handling even the most challenging applications.

Series MTD-SP

Dimensions

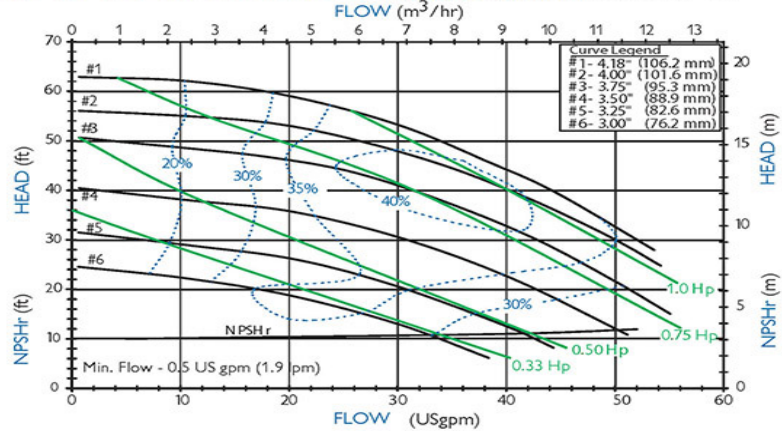


MTD-SP1



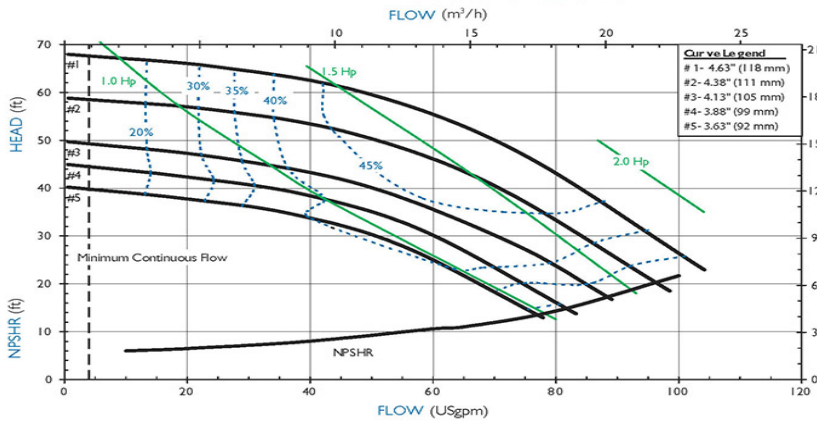
Also available 1" x 1" 150 lb ANSI/ISO PN20/PN40/JIS 10K or 32mm x 32mm union connection. Flanges are in compliance with bolting dimensions only.

MTD-SP1 PERFORMANCE Flooded Suction 3450 RPM*



Frame Size	A	B*	C	D	E	F	G	H	I	Pump Wt. - lbs (kg)	Motor Wt." - lbs. (kg)
MTD-SP1 NEMA 56C	11-27/32" (30.1 cm)	22-3/32" (56.1 cm)	2-7/16" (6.2 cm)	4-7/8" (12.4 cm)	3-1/2" (8.9 cm)	14-19/32" (37.1 cm)	3" (7.6 cm)	11/32" (0.9 cm)	3-3/8" (8.6 cm)	13 (5.9)	28 (12.7)

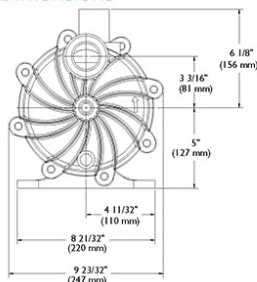
MTD-SP1.5 PERFORMANCE Flooded Suction 3450 RPM*



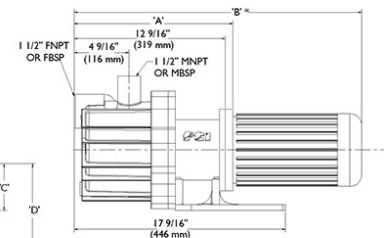
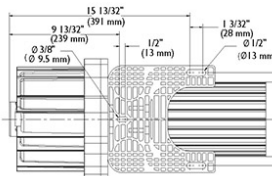
MTD-SP1.5



Dimensions



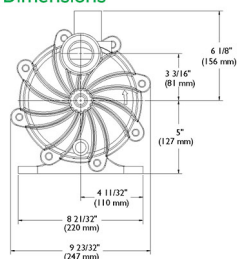
Also available 1-1/2" x 1-1/2" 150 lb. ANSI/ISO PN20/PN40/JIS 10K or 50mm x 50mm union connection. Flanges are in compliance with bolting dimensions only.



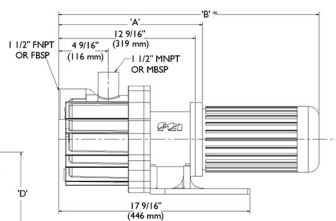
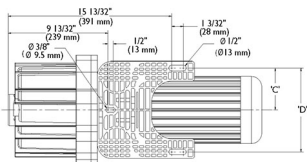
Frame Size	A	B	C	D	lbs (kg) PP	lbs (kg) PVDF
MTD-SP1.5 NEMA 56C	12-9/16" (31.9 cm)	24-9/16" (62.4 cm)	3-3/4" (9.5 cm)	7-1/2" (19.1 cm)	25 (11.3)	30 (13.6)

Series MTD-SP

Dimensions

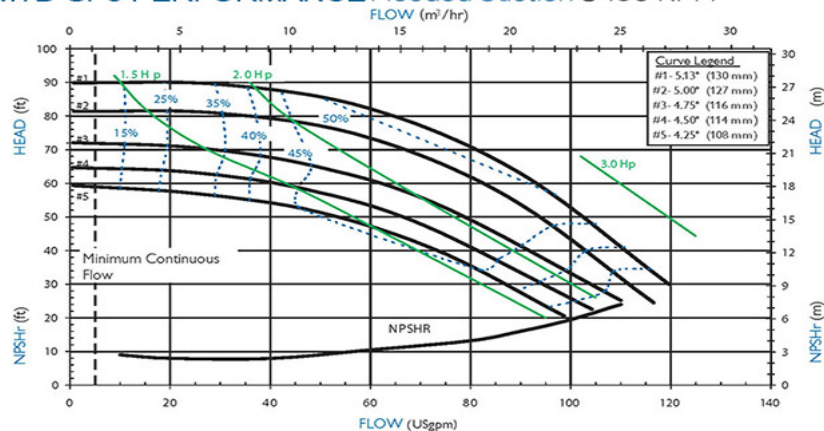


Also available 1-1/2" x 1-1/2" 150 lb. ANSI/ISO PN20/PN40/JIS 10K or 50mm x 50mm union connection. Flanges are in compliance with bolting dimensions only.



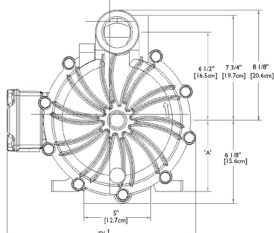
MTD-SP3

MTD-SP3 PERFORMANCE Flooded Suction 3450 RPM*

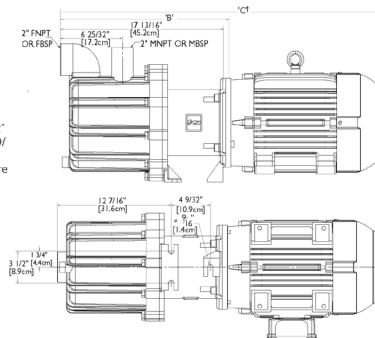


Frame Size	A	B*	C	D	lbs (kg) PP	lbs (kg) PVDF
MTD-SP3 NEMA 56C	12-9/16" (31.9 cm)	24-9/16" (62.4 cm)	3-3/4" (9.5 cm)	7-1/2" (19.1 cm)	25 (11.3)	28 (12.7)

Dimensions

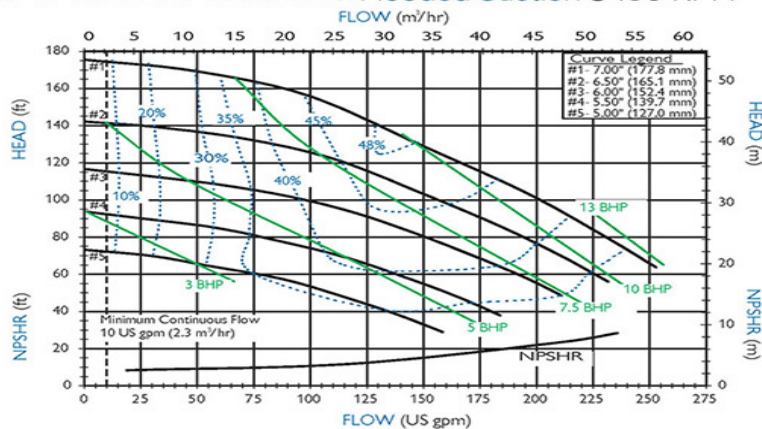


Also available 2" x 2" or 3" x 2" 150 lb. ANSI/ISO PN20/PN40/JIS 10K or 63mm x 63mm union connection. Flanges are in compliance with bolting dimensions only.



MTD-SP7.5

MTD-SP7.5 PERFORMANCE Flooded Suction 3450 RPM*



Frame Size	A	B*	C	D	lbs (kg) PP	lbs (kg) PVDF
MTD-SP7.5 NEMA 184TC	3-1/2" (8.8 cm)	17-13/16" (45.2 cm)	31-1/16" (78.9 cm)	12-15/32" (31.7 cm)	46 (20.9)	52 (23.6)

Series MTD-SP

NOMENCLATURE

MTD-	2	B-			E-	T-	6-	3-			CD-	F
MTD-SP	HP	Materials of Construction				Impeller Dia. (Inch)	Electrical			Motor Enclosure	Inlet/Outlet Connections	
		Pump	O'ring	Impeller Bushing, Thrust Ring & Shaft	Voltage (Volts)		Phase	Cycle/Hertz (hz)				
	1	B=polypropylene	Blank=Viton	Blank= Carbon, PTFE, alumina ceramic	3	1=115 or 115/230	1	60	Blank=TEFC	Blank=NPT		
	1-1/2	C=PVDF	E=EPDM	Si= Silicon carbide, silicon carbide, silicon carbide	4.18	2=230 or 115/230	1	50/60	EXP=explosion proof	F=Flange		
	3		K=Kalrez	T= PTFE, PTFE, alumina ceramic	4.63				CD=chem duty			
	7-1/2			AC= Alumina ceramic, PTFE, alumina ceramic	5.13	3=230/460	3	50/60				
					6.00	4=575	3	60				