



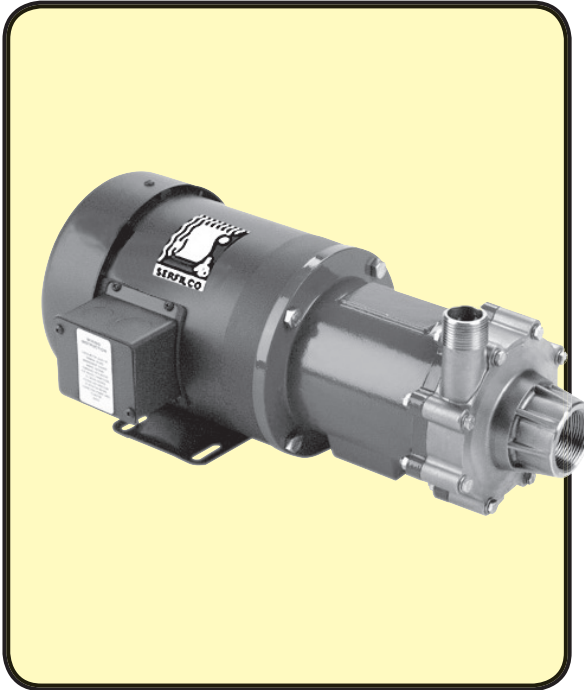
SERFILCO® SERIES 'TM-SS' | MAGNETIC PUMPS

2900 MacArthur Blvd. Northbrook, IL. USA 60062 www.serfilco.com (800) 323 - 5431

BULLETIN
P-516_B
NOV 2010

METALLIC AND SEAL-LESS PUMP PROVIDING TOTAL VAPOR AND SOLUTION CONTAINMENT FOR:

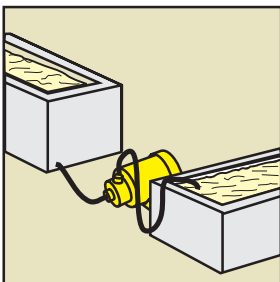
ACID / AQUEOUS / CAUSTIC CHEMICAL / PLATING PHOTOGRAPHIC



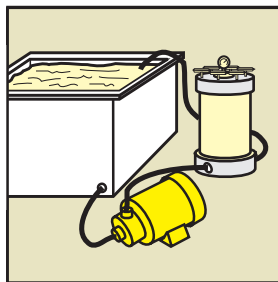
- Flows to 160 GPM or 79 ft. TDH @ 60 Hz
(505 LPM or 16.7m @ 50 Hz)
- 316 stainless steel construction
PTFE gaskets standard
(See a chemical resistance chart)
- High torque magnets
- Massive thrust bearings
- Seal-less, leak-free magnetic coupled
- Centrifugal, quiet, vibration-free
- Heavy walled voluted casings
- For use with standard NEMA or IEC 'C'-face motors

The Series 'TM-SS' Magnetic Coupled Pump directly addresses the weaknesses of other magnetic drive pumps. From high torque compact magnets to a large diameter, reduced length shaft to massive precision finished thrust bearings, the 'TM-SS' pump is designed to excel where other pumps fail. Heavy

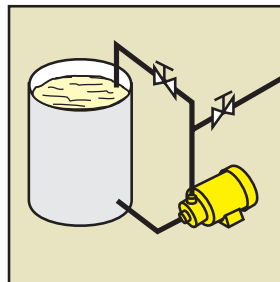
walled voluted casings improve pump strength, internal shaft support, chemical resistance, pressure and temperature capabilities as well as hydraulic efficiencies. Standard models are non-overloading with stated elevated specific gravity liquids.



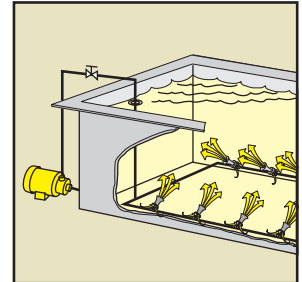
WASTE TREATMENT



FILTRATION



TRANSFER PUMPING



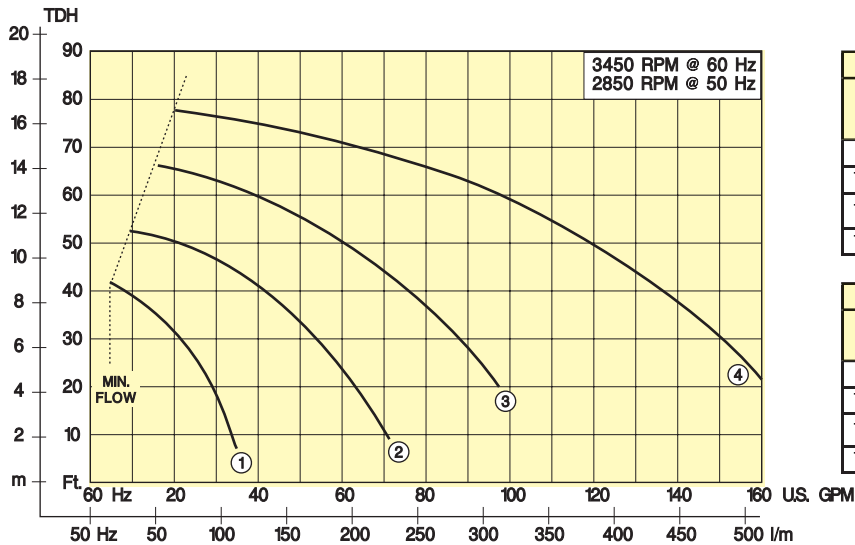
EDUCTOR AGITATION
and MIXING



SERIES 'TM-SS' | MAGNETIC COUPLED PUMPS

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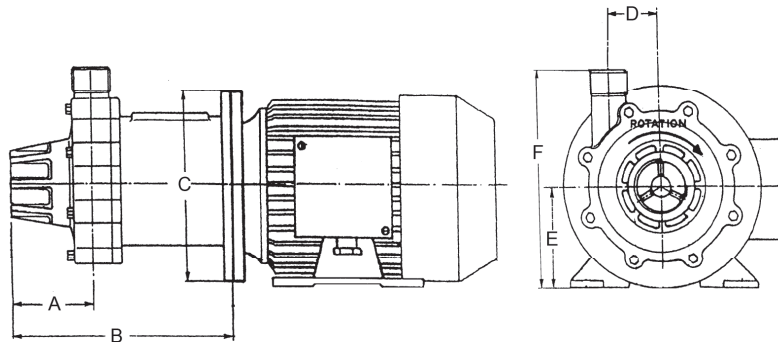
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DIMENSIONS Inches				
MODEL	NEMA FRAME	A	B	C
TMSS6	56C	2-1/4	8-1/4	6-5/8
TMSS10		2-3/4	9	6-5/8
TMSS15	145TC	3-1/8	10-1/8	7-7/8
TMSS30	184TC	3-1/4	10-3/4	10-1/8

DIMENSIONS Inches				
MODEL	NEMA FRAME	D	E	F
TMSS6	56C	1-3/4	3-1/2	7
TMSS10		1-3/4	3-1/2	7-3/8
TMSS15	145TC	2-1/2	3-1/2	8-3/8
TMSS30	184TC	2-5/8	4-1/2	10

NOTE: Motor dimensions may vary.



Series 'TM-SS' 316 stainless steel / PTFE:

316 SS casing, impeller, impeller magnet and shaft. Special carbon stationary and front thrust bearing. SIC shaft sleeve bearing. PTFE casing gaskets standard. To order, use Price Code No. (Maximum operating temperature 300°F Maximum psi 250)

FLOW CURVE	MAX. FLOW ¹		MAX. TDH ²		MAX. S. G. ³	HP	IMPELLER DIA.	CONNECTIONS SUCT. x DISCH.	MODEL NO.	PRICE CODE NO.	SHIPPING WT. (lbs.)
	GPM	LPM	ft.	m							
1	32	100	41	8.7	1.3	.75	3.13"	1" FNPT x 3/4" MNPT	TMSS6.2H-3.13-D.75	51-0114	40
2	69	218	58	12.3	1.4	2.0	3.78"	1 1/2" FNPT x 1" MNPT	TMSS10.2H-3.78-D2.0	51-0115	59
3	100	315	67	14.2	1.4	3.0	4.13"	2" FNPT x 1 1/2" MNPT	TMSS15.2H-4.13-D3.0	51-0116	80
4	160	505	79	16.7	1.4	5.0	4.50"	2" FNPT x 1 1/2" MNPT	TMSS30.2H-4.50-D5.0	51-0117	159

¹ GPM @ 60 Hz, LPM @ 50 Hz

² ft. TDH @ 60 Hz, m TDH @ 50 Hz

³ Motors are non-overloading at stated specific gravity.

Motors are TEFC, 230 - 460V / 3Ø / 60Hz

.75 HP motor may be ordered as single phase

To order 115 - 230V / 1Ø / 60, change **D** to **C** in Model No. and add **-1** to Price Code No.

Consult sales department for 50 Hz motors.