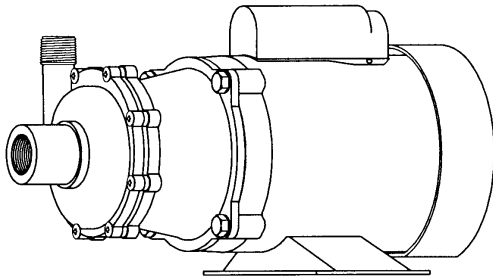




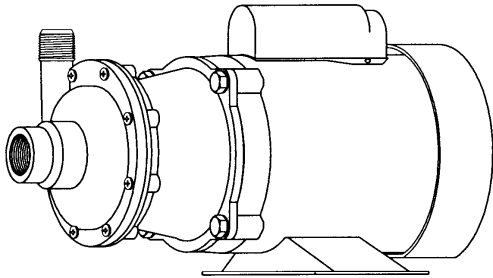
MARCH PUMPS

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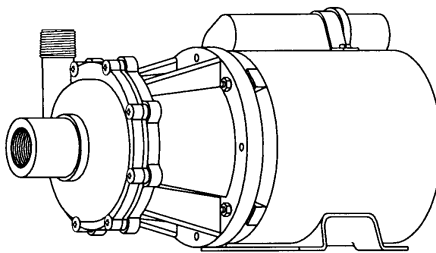
TE-5.5C-MD, TE-5.5C-MD-AC
TE-5.5K-MD, TE-5.5K-MD-AC
TE-5.5S-MD



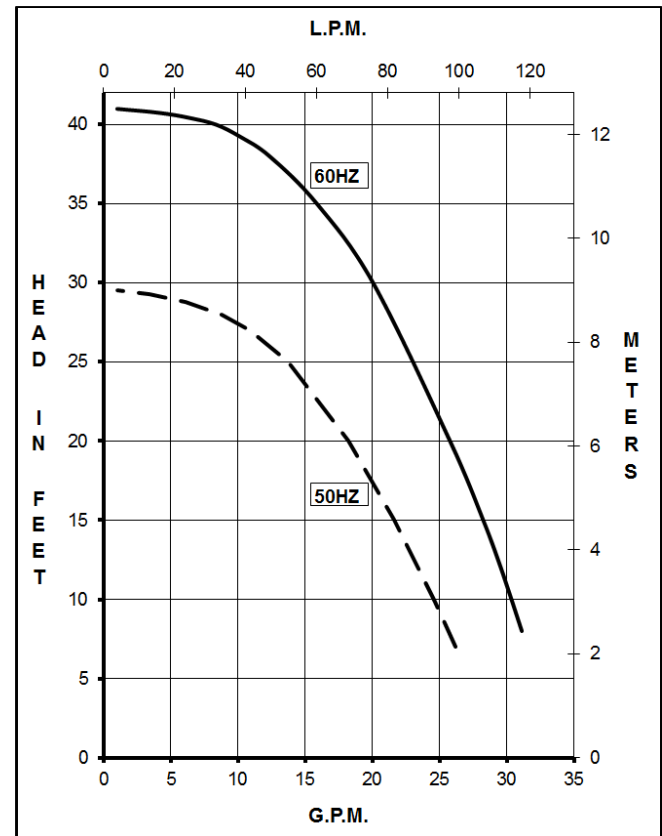
TE-5.5C-MD
TE-5.5K-MD



TE-5.5S-MD



TE-5.5C-MD-AC
TE-5.5K-MD-AC
(Air Cooled Motor)



DESCRIPTION: Series 5.5 are centrifugal magnetic drive pumps, eliminating the need for a shaft seal. Pumps can be serviced with a screwdriver. Screws should be tightened in sequence and uniformly. Do not over tighten the screws or you may crush the plastic housing bosses. See the parts list for a breakdown of parts.

OPERATION: Pumps are not self-priming, lack a suction lift, and thus require a **flooded suction**. Pumps **cannot be run dry** because the impeller requires the liquid being pumped for lubrication. The direction of motor rotation should be clockwise when facing the inlet of the pump. For liquids with a specific gravity greater than water, have a higher viscosity, or for elevated temperatures, a trimmed impeller may be necessary. For application assistance, contact March Pump.

SPECIFICATIONS		TE-5.5C-MD-AC	TE-5.5K-MD-AC	TE-5.5C-MD	TE-5.5K-MD	TE-5.5S-MD
Model Abbreviations		C: Polypropylene	K: Kynar	C: Polypropylene	K: Kynar	S: Stainless Steel
Max Flow	60Hz - 50Hz	30 gpm - 102 lpm				
Max Head	60Hz - 50Hz	41 ft / 17.7 psi - 9 m				
Inlet - Outlet		1" FPT - 3/4" MPT				
Max Internal Pressure		50 psi / 3.4 bar	75 psi / 5 bar	50 psi / 3.4 bar	75 psi / 5 bar	200 psi / 13 bar
Max Liquid Temperature		190°F / 87°C	200°F / 93°C	190°F / 87°C	200°F / 93°C	250°F / 121°C
Packed Weight		15.5 lbs / 7 kg	16 lbs / 7.5 kg	34.5 lbs / 15.5 kg	35 lbs / 16 kg	39 lbs / 17.5 kg
Models		TE-5.5C-MD-AC & TE-5.5K-MD-AC		TE-5.5C-MD, TE-5.5K-MD, & TE-5.5S-MD		
		60Hz	50Hz	60Hz	50Hz	
Motor Type		AC: Air Cooled		TEFC: Totally Enclosed Fan Cooled		
Rating / Duty		U.L. listed motor / Continuous		U.L. listed motor / Continuous		
1Ph	115V	Watts - Amps	407 - 2.7	281 - 2.9	452 - 4.4	290 - 4.4
	230V	Watts - Amps	407 - 1.4	281 - 1.4	452 - 2.2	290 - 2.2
		Hp / Kw - Rpm	1/5 - 3450	0.149 - 2850	1/3 - 3450	0.248 - 2850
3Ph		Watts - Amps			(230V) 425 - 1.2	(190V) 350 - 1.2
		Watts - Amps			(460V) 425 - 0.6	(380V) 350 - 0.6
		Hp / Kw - Rpm			1/3 - 3450	0.186 - 2850
Electrical Connection		Junction Box		Conduit Box		
Overall Pump Dimensions (H x W x L)	1Ph	Inches	6.95 x 5.81 x 12.89	7.79 x 7.65 x 14.25		
		cm	17.6 x 14.7 x 32.7	19.7 x 19.4 x 36.1		
	3Ph	Inches		7.34 x 9.24 x 15.07		
		cm		18.6 x 23.4 x 38.2		

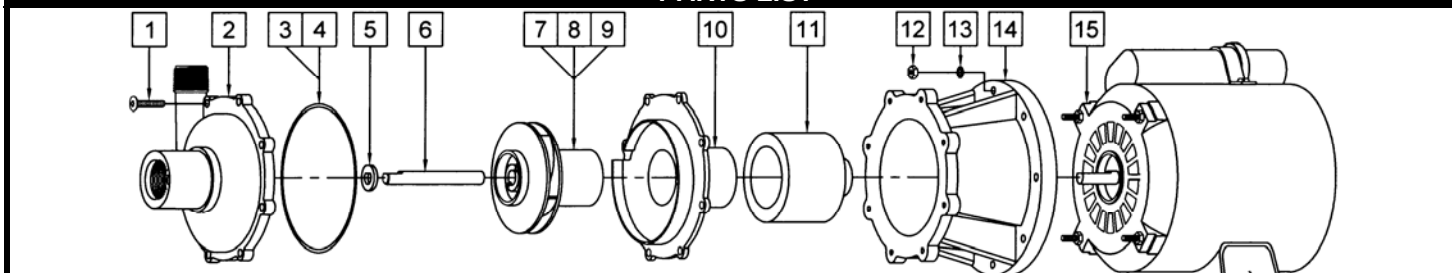
TE-5.5-MD-AC pumps are 115/230V, 1 phase, air cooled. TE-5.5-MD pumps are 115/230V, 1 phase or 230/460V, 3 phase, TEFC.

All specifications & data are based on pumping water & are intended as a guideline only. Specifications may vary with different motors.

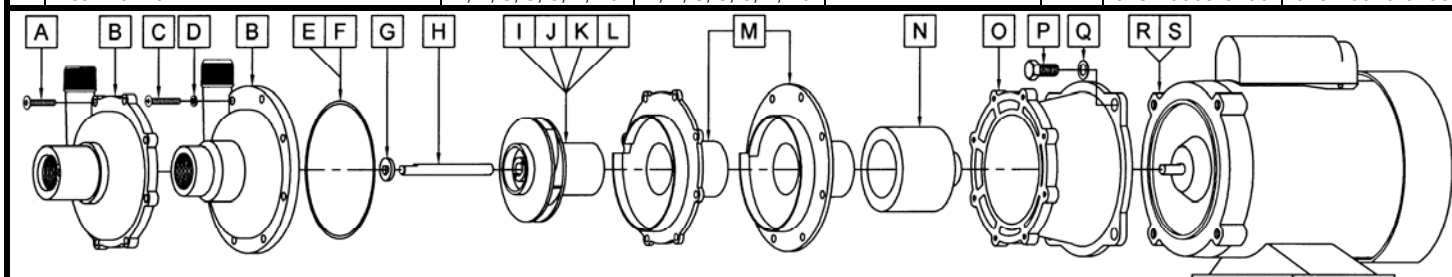
NOTE: When attaching the Drive Magnet to the motor shaft, position the face of the Drive Magnet flush with the face of the Motor Bracket.

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PARTS LIST



#	DESCRIPTION	TE-5.5C-MD-AC	TE-5.5K-MD-AC	SIZE (Inches)	QTY.	TE-5.5C-MD-AC	TE-5.5K-MD-AC
1	Screw	Stainless	Stainless	#10-32 x 1 Lg.	8	0135-0180-1000	
2	Front Housing	Polypropylene	Kynar		1	0151-0027-1000	0151-0044-1000
3	"O" Ring	Viton	Viton	3/32 CS x 4-7/16 OD	1	0153-0015-1000	
4	"O" Ring (Option)	Viton/Teflon	Viton/Teflon	3/32 CS x 4-7/16 OD	1	0153-0024-1000	
5	Thrust Washer	Ceramic	Ceramic		1	0155-0009-1000	
6	Shaft	Ceramic	Ceramic		1	0153-0007-1000	
7	Impeller	Polypropylene	Kynar		1	0151-0029-0500	0151-0046-0300
8	Impeller w/Carbon Bushing (Option)	Polypropylene	Kynar		1	0151-0029-0800	0151-0046-0500
9	Impeller w/Mica Teflon Bushing (Option)	Polypropylene	Kynar		1	0151-0029-1300	0151-0046-1100
10	Rear Housing w/Ceramic Thrust Washer	Polypropylene	Kynar		1	0151-0028-0100	0151-0045-0100
11	Drive Magnet				1	0151-0061-0200	
12	Motor Bracket	Plastic			1	0151-0041-0100	
13	Hex Nut	Brass		#8-32	4	0410-0039-1000	
14	Lock Washer	Stainless		#8	4	0620-0010-1000	
15	Motor, Air Cooled, 115/230V, 1 Phase, 50/60Hz				1	0175-0087-1000	
W	Wet End Kit	1, 2, 3, 5, 6, 7, 10	1, 2, 3, 5, 6, 7, 10		1	0151-0069-0100	0151-0070-0100



#	DESCRIPTION	TE-5.5C-MD	TE-5.5K-MD	TE-5.5S-MD	SIZE (Inches)	QTY.	TE-5.5C-MD	TE-5.5K-MD	TE-5.5S-MD
A	Screw		Stainless		#10-32 x 1 Lg.	8	0135-0180-1000	0135-0180-1000	
B	Front Housing	Polypropylene	Kynar	316 Stainless		1	0151-0027-1000	0151-0044-1000	
C	Screw		Stainless		#10-32 x 1-1/8 Lg.	8			0135-0181-1000
D	Lock Washer		Stainless		#10	8			0151-0016-1000
E	"O" Ring		Viton		3/32 CS x 4-7/16 OD	1		0153-0015-1000	
F	"O" Ring (Option)		Viton/Teflon		3/32 CS x 4-7/16 OD	1		0153-0024-1000	
G	Thrust Washer		Ceramic			1		0155-0009-1000	
H	Shaft		Ceramic			1		0153-0007-1000	
I	Impeller	Polypropylene	Kynar			1	0151-0029-0500	0151-0046-0300	
J	Impeller (Option)	Polypropylene	Kynar		w/Carbon Bushing	1	0151-0029-0800	0151-0046-0500	
K	Impeller (Option)	Polypropylene	Kynar	316 Stainless	w/Mica Teflon Bushing	1	0151-0029-1300	0151-0046-1100	0151-0001-0800
L	Impeller			316 Stainless	w/Carbon Bushing	1			0151-0001-0400
M	Rear Housing	Polypropylene	Kynar	316 Stainless	w/Ceramic Thrust Washer	1	0151-0028-0100	0151-0045-0100	0151-0003-0000
N	Drive Magnet					1		0151-0061-0200	
O	Motor Bracket		Plastic			1		0151-0014-0100	
P	Screw		Stainless		3/8-16 x 3/4 Lg.	4		0155-0017-1000	
Q	Washer		Stainless		3/8 ID x 5/8 OD	4		0155-0019-1000	
R	Motor, TEFC, 115/230V, 1 Phase, 50/60Hz					1		0151-0015-1000	
S	Motor, TEFC, 230/460V, 3 Phase, 50/60Hz (Not Shown)					1		0151-0039-1000	
W	Wet End Kit	A,B,E,G,H,I,M	A,B,E,G,H,I,M			1	0151-0069-0100	0151-0070-0100	

Explosion proof and special voltage motors are available upon special order.

NOTE: Contact Factory for other materials and/or parts not listed.

MATERIALS IN CONTACT WITH SOLUTION:

TE-5.5C-MD, TE-5.5C-MD-AC: Polypropylene, Viton, Ceramic

TE-5.5K-MD, TE-5.5K-MD-AC: Kynar/Carbon Filled, Viton, Ceramic

TE-5.5S-MD: 316 Stainless Steel, Viton, Ceramic, Carbon

LIMITED WARRANTY: March pumps are guaranteed only against defects in workmanship or materials for a period of one year from date of manufacture pumping water. For the complete warranty and to register online go to www.marchpump.com/warranty-registration