



MARCH PUMPS

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DESCRIPTION:

Series 6 are centrifugal magnetic drive pumps, eliminating the need for a shaft seal. Pumps can be serviced with an adjustable wrench. See the parts list for a break down of parts.

MODEL ABBREVIATIONS: T: Ryton & Polypropylene, K: Kynar, P: Polypropylene

OPERATION:

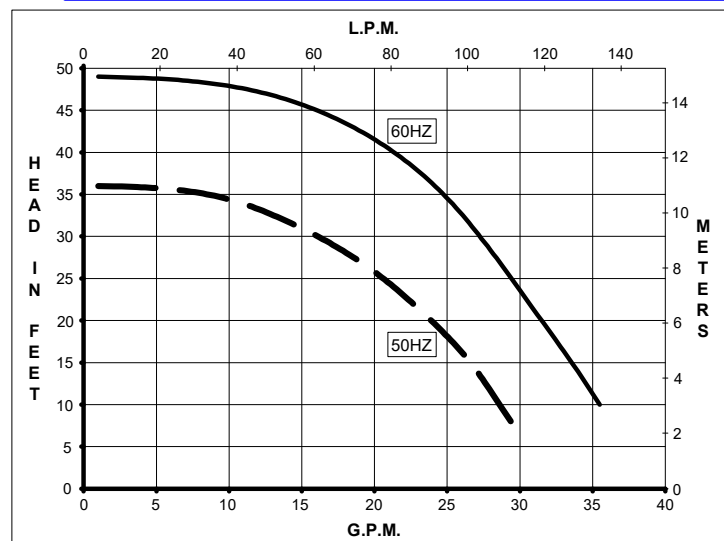
Pumps are not self-priming, lack a suction lift, and thus require a **flooded suction**. Pumps **cannot be run dry** because the impeller requires the liquid being pumped for lubrication. The direction of motor rotation should be clockwise when facing the inlet of the pump. For liquids with a specific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

ELECTRICAL:

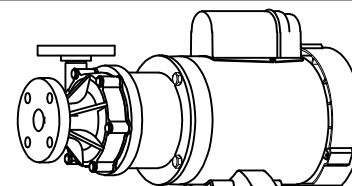
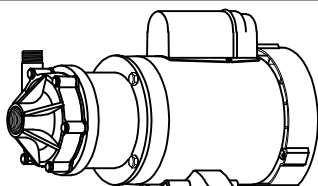
TE-6-MD pumps are 115/230 Volt, 50/60 Hz, 1 phase or 230/460 Volt, 50/60 HZ, 3 phase, (Totally Enclosed Fan Cooled Motor). Have a Conduit Box.

Motors are U.L. listed as well as rated for continuous operation.

TE-6K-MD, TE-6T-MD, TE-6P-MD



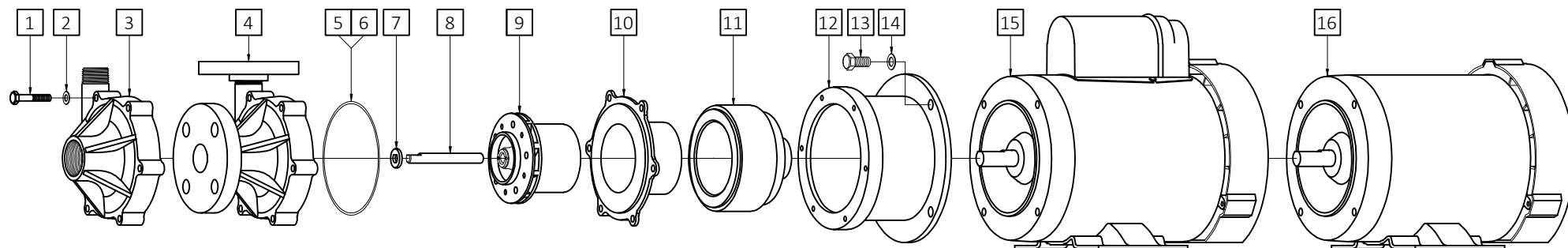
SPECIFICATIONS



		TE-6T-MD				TE-6K-MD				TE-6P-MD				TE-6K-MD w/Flanges						TE-6P-MD w/Flanges								
Product #	1 Phase	0153-0002-0200				0153-0002-0400				0153-0095-0100				0153-0002-0470						0153-0095-0170								
	3 Phase	0153-0002-0300				0153-0002-0500				0153-0095-0200				0153-0002-0570						0153-0095-0270								
Inlet - Outlet		1" FPT - 3/4" MPT				1" FPT - 3/4" MPT				1" FPT - 3/4" MPT				1" Flange - 3/4" Flange						1" Flange - 3/4" Flange								
Max Internal Pressure		50 psi (344 kPa)				75 psi (517 kPa)				50 psi (344 kPa)				75 psi (517 kPa)						50 psi (344 kPa)								
Max Liquid Temperature		190 °F (87 °C)				200 °F (93 °C)				190 °F (87 °C)				200°F (93 °C)						150°F (65°C)								
Overall Size (H x W x L)	1 Phase	8.94" (22.7 cm) x 8.96" (22.7 cm) x 15.78" (40.0 cm)												8.94" (22.7 cm) x 8.96" (22.7 cm) x 16.97" (43.1 cm)														
	3 Phase	7.34" (18.6 cm) x 8.96" (22.7 cm) x 15.28" (38.8 cm)												7.34" (18.6 cm) x 8.96" (22.7 cm) x 16.47" (41.8 cm)														
MODEL	60 HZ												50 HZ												Packed Weight			
	Max Flow		Max Head			ELECTRICAL					Max Flow		Max Head			ELECTRICAL					Threaded		Flanges					
	gpm	lpm	ft	psi	m	Ph	V	A	Hp	kW	Rpm	gpm	lpm	ft	psi	m	Ph	V	A	Hp	kW	Rpm	lbs	kg	lbs	kg		
TE-6T-MD	38	144	49	21.2	14.9	1	115 230	7.4 3.7	1/2	0.373	3450	30	113.5	36	15.6	11	1	115 230	8.4 4.2	3/8	0.280	2850	28.85	13.08	29.85	13.53		
	38	144	49	21.2	14.9	3	230 460	1.5 0.7	1/2	0.373	3450	30	113.5	36	15.6	11	3	230 460	1.7 0.8	1/2	0.373	2850	28.20	12.79	29.20	13.24		
TE-6K-MD	38	144	49	21.2	14.9	1	115 230	7.4 3.7	1/2	0.373	3450	30	113.5	36	15.6	11	1	115 230	8.4 4.2	3/8	0.280	2850	28.60	12.97	29.60	13.42		
	38	144	49	21.2	14.9	3	230 460	1.5 0.7	1/2	0.373	3450	30	113.5	36	15.6	11	3	230 460	1.7 0.8	1/2	0.373	2850	27.95	12.67	28.95	13.13		
TE-6P-MD	38	144	49	21.2	14.9	1	115 230	7.4 3.7	1/2	0.373	3450	30	113.5	36	15.6	11	1	115 230	8.4 4.2	3/8	0.280	2850	28.85	13.08	29.85	13.53		
	38	144	49	21.2	14.9	3	230 460	1.5 0.7	1/2	0.373	3450	30	113.5	36	15.6	11	3	230 460	1.7 0.8	1/2	0.373	2850	28.20	12.79	29.20	13.24		
All specifications & data are based on pumping water & are intended as a guideline only. Specifications may vary with different motors.																												

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

PARTS LIST



#	TE-6T-MD	#	TE-6K-MD	#	TE-6P-MD
1	0153-0064-1000 6 1/4"-20 x 1-3/4" Lg. Screw (Stainless)	1	0153-0064-1000 6 1/4"-20 x 1-3/4" Lg. Screw (Stainless)	1	0153-0064-1000 6 1/4"-20 x 1-3/4" Lg. Screw (Stainless)
2	0155-0021-1000 6 1/4" ID x 1/2" OD Washer (Stainless)	2	0155-0021-1000 6 1/4" ID x 1/2" OD Washer (Stainless)	2	0155-0021-1000 6 1/4" ID x 1/2" OD Washer (Stainless)
3	0153-0002-1000 1 Front Housing (Ryton)	3	0153-0042-1000 1 Front Housing (Kynar)	3	0153-0052-1000 1 Front Housing (Polypropylene)
4		4	0153-0055-0100 1 Front Housing w/Flanges (Kynar)	4	0153-0054-0100 1 Front Housing w/Flanges (Polypropylene)
5	0153-0015-1000 1 3/32" CS x 4-7/16" OD "O" Ring (Viton)	5	0153-0015-1000 1 3/32" CS x 4-7/16" OD "O" Ring (Viton)	5	0153-0015-1000 1 3/32" CS x 4-7/16" OD "O" Ring (Viton)
6	0153-0107-1000 1 3/32" CS x 4-7/16" OD "O" Ring (Teflon) - Option	6	0153-0107-1000 1 3/32" CS x 4-7/16" OD "O" Ring (Teflon) - Option	6	0153-0107-1000 1 3/32" CS x 4-7/16" OD "O" Ring (Teflon) - Option
7	0155-0009-1000 1 Thrust Washer (Ceramic)	7	0155-0009-1000 1 Thrust Washer (Ceramic)	7	0155-0009-1000 1 Thrust Washer (Ceramic)
8	0153-0007-1000 1 Shaft (Ceramic)	8	0153-0007-1000 1 Shaft (Ceramic)	8	0153-0007-1000 1 Shaft (Ceramic)
9	0153-0003-0400 1 Impeller w/Ryton/Teflon/Carbon Bushing (Polypropylene)	9	0153-0043-0500 1 Impeller w/Carbon Bushing (Kynar)	9	0153-0003-0400 1 Impeller w/Ryton/Teflon/Carbon Bushing (Polypropylene)
9A	0153-0003-0500 1 Impeller w/Carbon Bushing (Polypropylene) - Option	9A	0153-0043-0400 1 Impeller w/Ryton/Teflon/Carbon Bushing (Kynar) - Option	9A	0153-0003-0500 1 Impeller w/Carbon Bushing (Polypropylene) - Option
9B	0153-0003-0900 1 Impeller w/Mica Teflon Bushing (Polypropylene) - Option	9B	0153-0043-0900 1 Impeller w/Mica Teflon Bushing (Kynar) - Option	9B	0153-0003-0900 1 Impeller w/Mica Teflon Bushing (Polypropylene) - Option
10	0153-0005-0100 1 Rear Housing w/Ceramic Thrust Washer (Ryton)	10	0153-0041-0100 1 Rear Housing w/Ceramic Thrust Washer (Kynar)	10	0153-0072-0100 1 Rear Housing w/Ceramic Thrust Washer (Polypropylene)
11	0153-0035-0100 1 Drive Magnet	11	0153-0035-0100 1 Drive Magnet	11	0153-0035-0100 1 Drive Magnet
12A	0153-0093-0010 1 Motor Bracket (Aluminum)	12A	0153-0093-0010 1 Motor Bracket (Aluminum)	12A	0153-0093-0010 1 Motor Bracket (Aluminum)
12B	0153-0001-0100 1 Motor Bracket (Ryton) - Option	12B	0153-0001-0100 1 Motor Bracket (Ryton) - Option	12B	0153-0001-0100 1 Motor Bracket (Ryton) - Option
13	0155-0017-1000 4 3/8"-16 x 3/4" Lg. Screw (Stainless)	13	0155-0017-1000 4 3/8"-16 x 3/4" Lg. Screw (Stainless)	13	0155-0017-1000 4 3/8"-16 x 3/4" Lg. Screw (Stainless)
14	0155-0019-1000 4 3/8" ID x 5/8" OD Washer (Stainless)	14	0155-0019-1000 4 3/8" ID x 5/8" OD Washer (Stainless)	14	0155-0019-1000 4 3/8" ID x 5/8" OD Washer (Stainless)
15	0153-0019-1000 1 TEFC Motor 115/230 V, 50/60HZ, 1 Phase	15	0153-0019-1000 1 TEFC Motor 115/230 V, 50/60HZ, 1 Phase	15	0153-0019-1000 1 TEFC Motor 115/230 V, 50/60HZ, 1 Phase
16	0153-0020-1000 1 TEFC Motor 115/230 V, 50/60HZ, 3 Phase	16	0153-0020-1000 1 TEFC Motor 115/230 V, 50/60HZ, 3 Phase	16	0153-0020-1000 1 TEFC Motor 115/230 V, 50/60HZ, 3 Phase
W	0153-0056-0100 1 Wet End Kit (Items: 1, 2, 3, 5, 7, 8, 9, 10)	W	0153-0057-0100 1 Wet End Kit (Items: 1, 2, 3, 5, 7, 8, 9, 10)	W	0153-0096-0100 1 Wet End Kit (Items: 1, 2, 3, 5, 7, 8, 9, 10)
Materials in Contact with Solution		Materials in Contact with Solution		Materials in Contact with Solution	
Polypropylene, Ryton, Viton, Ceramic, Ryton/Teflon/Carbon		Kynar/Carbon & Glass Filled, Viton, Ceramic, Carbon		Polypropylene, Viton, Ceramic, Ryton/Teflon/Carbon	

NOTE: When replacing impeller bushings in the field, the plastic bushings must be bored to size after they have been pressed into the impeller. Bore to 0.379/0.381 inches I.D. The carbon and ceramic bushings are to finished size and do not require boring after assembly. When attaching the Drive Magnet to the motor shaft, position the face of the Drive Magnet 3/32 inch below the face of the Motor Bracket.

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

NOTE: Contact Factory for other materials and/or parts listed.

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

0153-0018-1000 R29