



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 back page 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.

ELECTRICAL:

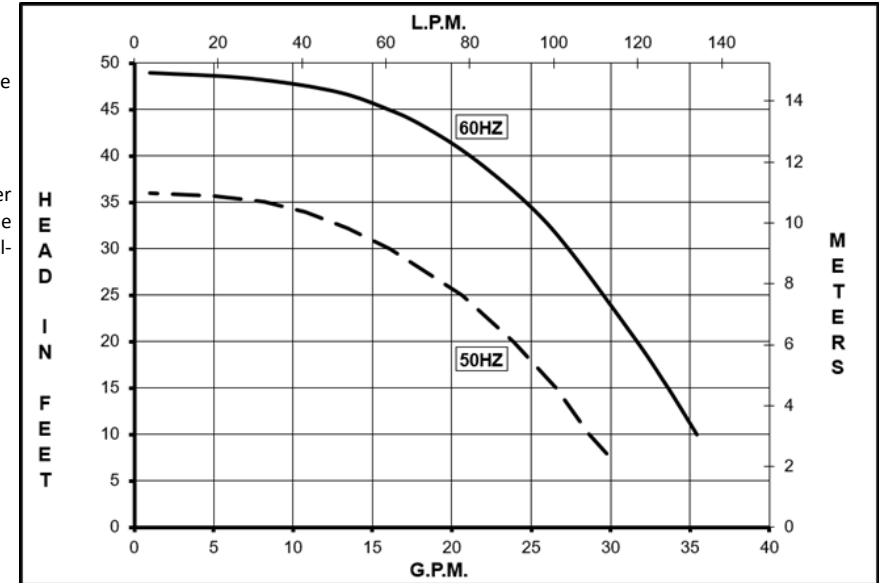
TE-6-MD pumps are 115/230 Volt, 50/60 Hz, 1 phase or 230/460 Volt 60 Hz, 3 phase and 190/380 Volt 50Hz. Motors are totally enclosed fan cooled and have a conduit box. Motors are U.L. listed as well as rated for continuous operation.

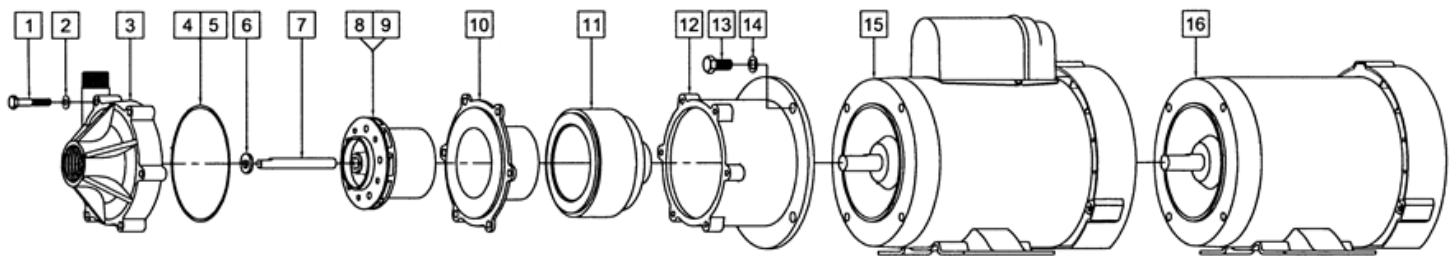
Specifications		TE-6T-MD	TE-6K-MD	TE-6P-MD
Product	1 Phase	0153-0163-0100	0153-0166-0100	0153-0160-0100
	3 Phase	0153-0151-0100	0153-0153-0100	0153-0149-0100
Inlet-Outlet		1" FPT - 3/4" MPT	1" FPT - 3/4" MPT	1" FPT - 3/4" MPT
Max Internal Pressure		50 psi (344 kPa)	75 psi (517 kPa)	50 psi (344 kPa)
Max Liquid Temperature		190F (87C)	200F (93C)	190F (87C)

	60Hz										50Hz									
	Max Flow		Max Head			Electrical					Max Flow		Max Head			Electrical				
Model	GPM	LPM	FT	PSI	M	Ph	V	A	HP	kW	GPM	LPM	Feet	PSI	M	Ph	V	A	HP	kW
TE-6T-MD	38	144	49	21.2	14.9	1	115/230	7.5/3.7	1/2	0.373	30	113.5	36	15.6	11	1	115/230	8.6/4.3	1/2	0.373
TE-6T-MD	38	144	49	21.2	14.9	3	230/460	1.7/.8	1/2	0.373	30	113.5	36	15.6	11	3	190/380	1.9/.9	1/2	0.373
TE-6K-MD	38	144	49	21.2	14.9	1	115/230	7.5/3.7	1/2	0.373	30	113.5	36	15.6	11	1	115/230	8.6/4.3	1/2	0.373
TE-6K-MD	38	144	49	21.2	14.9	3	230/460	1.7/.8	1/2	0.373	30	113.5	36	15.6	11	3	190/380	1.9/.9	1/2	0.373
TE-6P-MD	38	144	49	21.2	14.9	1	115/230	7.5/3.7	1/2	0.373	30	113.5	36	15.6	11	1	115/230	8.6/4.3	1/2	0.373
TE-6P-MD	38	144	49	21.2	14.9	3	230/460	1.7/.8	1/2	0.373	30	113.5	36	15.6	11	3	190/380	1.9/.9	1/2	0.373

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

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





Note: 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.

TE-6T-MD

Item	Part Number	QTY REQ	Description
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)
3	0153-0002-1000	1	Front Housing (Ryton)
5	0153-0015-1000	1	3/32" CS x 4-7/16" 5 OD "O" Ring (Viton)
6	0155-0009-1000	1	Thrust Washer (Ceramic)
7	0153-0007-1000	1	Shaft (Ceramic)
9	0153-0003-0400	1	Impeller w Ryton/Teflon/Carbon Bushing (Polypropylene)
10	0153-0005-0100	1	Rear Housing w/Ceramic Thrust Washer (Ryton)
11	0153-0035-0100	1	Drive Magnet
12	0153-0147-0100	1	Motor Bracket (Noryl)
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)
15	0153-0158-1000	1	1 Phase Motor
16	0153-0135-1000	1	3 Phase Motor
W	0153-0056-0100	1	Wet End Kit (Items: 1,2,3,5,6,7,9,10)

TE-6K-MD

Item	Part Number	QTY REQ	Description
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)
3	0153-0042-1000	1	Front Housing (Kynar)
5	0153-0015-1000	1	3/32" CS x 4-7/16" 5 OD "O" Ring (Viton)
6	0155-0009-1000	1	Thrust Washer (Ceramic)
7	0153-0007-1000	1	Shaft (Ceramic)
9	0153-0043-0500	1	Impeller with Carbon Bushing (Kynar)
10	0153-0041-0100	1	Rear Housing w/Ceramic Thrust Washer (Kynar)
11	0153-0035-0100	1	Drive Magnet
12	0153-0147-0100	1	Motor Bracket (Noryl)
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)
15	0153-0158-1000	1	1 Phase Motor
16	0153-0135-1000	1	3 Phase Motor
W	0153-0057-0100	1	Wet End Kit (Items: 1,2,3,5,6,7,9,10)

TE-6P-MD

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)
3	0153-0052-1000	1	Front Housing (Polypropylene)
5	0153-0015-1000	1	3/32" CS x 4-7/16" 5 OD "O" Ring (Viton)
6	0155-0009-1000	1	Thrust Washer (Ceramic)
7	0153-0007-1000	1	Shaft (Ceramic)
9	0153-0003-0400	1	Impeller w Ryton/Teflon/Carbon Bushing (Polypropylene)
10	0153-0072-0100	1	Rear Housing w/Ceramic Thrust Washer (Polypropylene)
11	0153-0035-0100	1	Drive Magnet
12	0153-0147-0100	1	Motor Bracket (Noryl)
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)
15	0153-0158-1000	1	1 Phase Motor
16	0153-0135-1000	1	3 Phase Motor
W	0153-0096-0100	1	Wet End Kit (Items: 1,2,3,5,6,7,9,10)

NOTE: Contact Factory for other materials and/or parts not listed.
Special voltage motors are available upon special order.

Materials in contact with the liquid:

TE-6T-MD: Polypropylene, Ryton, Ryton/Teflon/Carbon, Ceramic, Viton

TE-6K-MD: Kynar, Carbon, Ceramic, Viton

TE-6P-MD: Polypropylene, Ryton/Teflon/Carbon, Ceramic, Viton

WARRANTY: <https://www.marchpump.com/about/warranty/>

For the General Installation Manual, see this link

<https://www.marchpump.com/wp-content/uploads/2019/07/march-pump-general-installation-guide-0750-040.pdf>

or Scan QR Code

