



MARCH PUMPS

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DESCRIPTION & OPERATION: Series 7 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 breakdown of parts. 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.

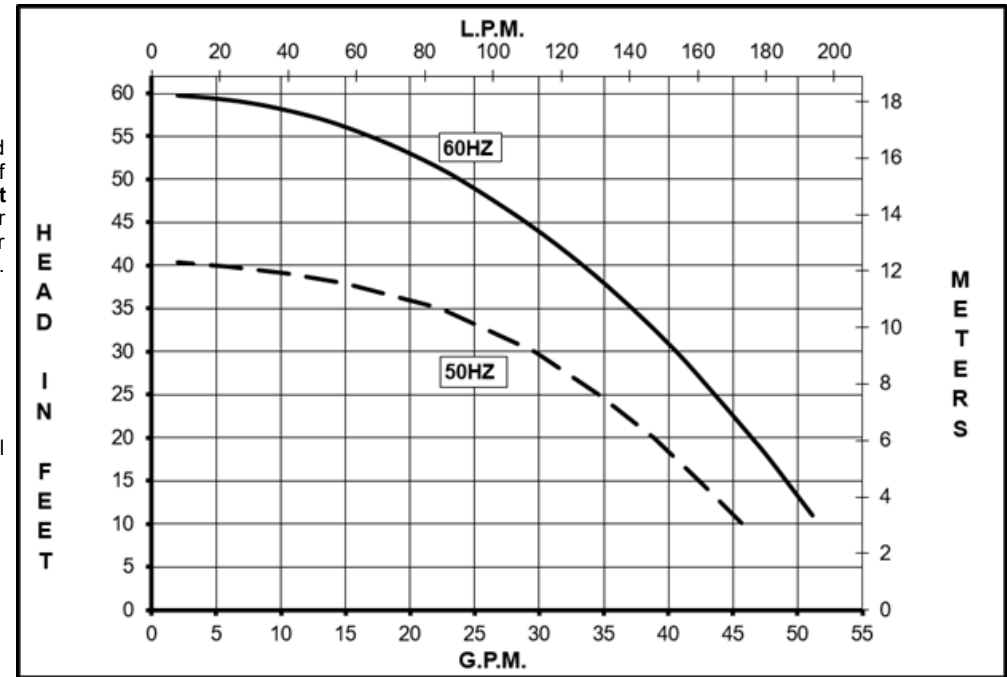
Model Abbreviations: R: Polypropylene/Ryton, K: Kynar, P: Polypropylene

ELECTRICAL:

1 phase 115/230 Volt, 50/60 Hz or 3 phase 230/460 Volt, 60 Hz, 190/380 Volt, 50 Hz.

Motors are totally enclosed fan cooled and are U.L. listed as well as rated for continuous operation. All motors have a conduit box for electrical connections.

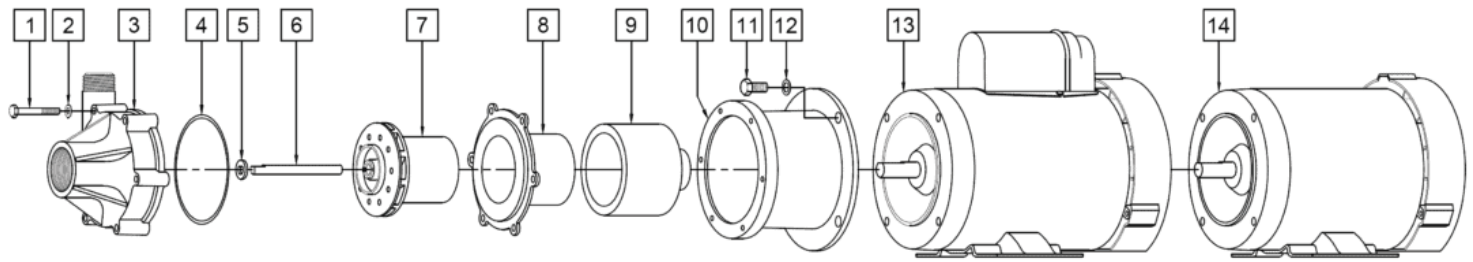
TE-7R-MD, TE-7K-MD, TE-7P-MD



Specifications		TE-7R-MD	TE-7K-MD	TE-7P-MD
Product	1Ph	0155-0357-0100	0155-0365-0100	0155-0361-0100
	3Ph	0155-0358-0100	0155-0366-0100	0155-0362-0100
Inlet-Outlet		1-1/2"FPT-1"MPT	1-1/2"FPT-1"MPT	1-1/2"FPT-1"MPT
Max Internal Pressure		50PSI (344 kPa)	75PSI (517 kPa)	50PSI (344kPa)
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-7R-MD	53	201	60	26	18.3	1	115/230	9.2/4.6	0.75	0.55	47	180	40.3	17.5	12.3	1	115/230	9.4/4.7	0.68	0.50
TE-7R-MD	53	201	60	26	18.3	3	230/460	2.2/1.1	0.75	0.55	47	180	40.3	17.5	12.3	3	190/380	2.6/1.3	0.75	0.55
TE-7K-MD	53	201	60	26	18.3	1	115/230	9.2/4.6	0.75	0.55	47	180	40.3	17.5	12.3	1	115/230	9.4/4.7	0.68	0.50
TE-7K-MD	53	201	60	26	18.3	3	230/460	2.2/1.1	0.75	0.55	47	180	40.3	17.5	12.3	3	190/380	2.6/1.3	0.75	0.55
TE-7P-MD	53	201	60	26	18.3	1	115/230	9.2/4.6	0.75	0.55	47	180	40.3	17.5	12.3	1	115/230	9.4/4.7	0.68	0.50
TE-7P-MD	53	201	60	26	18.3	3	230/460	2.2/1.1	0.75	0.55	47	180	40.3	17.5	12.3	3	190/380	2.6/1.3	0.75	0.55

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



NOTE: When replacing Impeller Bushing in the field: The plastic bushings must be bored to size after they have been pressed into the impeller. Bore to 0.378/0.381 I.D. The carbon and ceramic bushings are to finished size and do not require boring. When attaching drive magnet to the motor shaft, position the face of the drive magnet 1/8 inch below the face of the motor bracket.

TE-7R-MD				TE-7K-MD			
Item	Part Number	QTY REQ	Description	Item	Part Number	QTY REQ	Description
1	0155-0014-1000	6	1/4"-20 x 2" Lg. Screw (Stainless)	1	0155-0014-1000	6	1/4"-20 x 2" 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)
3	0155-0011-1000	1	Front Housing (Polypropylene)	3	0155-0125-1000	1	Front Housing (Glass Filled Kynar)
4	0155-0010-1000	1	1/8" CS x 4-3/8" OD "O" Ring (Viton)	4	0155-0010-1000	1	1/8" CS x 4-3/8" OD "O" Ring (Viton)
5	0155-0009-1000	1	Thrust Washer (Ceramic)	5	0155-0009-1000	1	Thrust Washer (Ceramic)
6	0155-0039-1000	1	4.070"Lg. Shaft (Ceramic)	6	0155-0039-1000	1	4.070"Lg. Shaft (Ceramic)
7	0155-0159-0500	1	Impeller with Ryton/Teflon/Carbon Bushing (Polypropylene)	7	0155-0160-0200	1	Impeller with Carbon Bushing (Glass Filled Kynar)
8	0155-0067-0100	1	Rear Housing with Ceramic Thrust Washer (Ryton)	8	0155-0124-0100		Rear Housing with Ceramic Thrust Washer (Glass Filled Kynar)
9	0155-0130-0200	1	Drive Magnet	9	0155-0130-0200	1	Drive Magnet
10	0155-0340-0100	1	Motor Bracket (Noryl)	10	0155-0340-0100	1	Motor Bracket (Noryl)
11	0155-0017-1000	4	3/8"-16 x 3/4" Lg. Screw (Stainless)	11	0155-0017-1000	4	3/8"-16 x 3/4" Lg. Screw (Stainless)
12	0155-0019-1000	4	3/8"ID x 5/8"OD Washer (Stainless)	12	0155-0019-1000	4	3/8"ID x 5/8"OD Washer (Stainless)
13	0155-0016-1000	1	1 Phase TEFC Motor 115/230V, 50/60Hz, 3/4HP	13	0155-0016-1000	1	1 Phase TEFC Motor 115/230V, 50/60Hz, 3/4HP
14	0155-0022-1000	1	3 Phase TEFC Motor 230/460V, 50/60Hz, 3/4HP	14	0155-0022-1000	1	3 Phase TEFC Motor 230/460V, 50/60Hz, 3/4HP
W	0155-0165-0100	1	Wet End Kit (Items: 1, 2,3,4,5,6,7,8)	W	0155-0166-0100		Wet End Kit (Items: 1, 2,3,4,5,6,7,8)
TE-7P-MD							
1	0155-0014-1000	6	1/4"-20 x 2" Lg. Screw (Stainless)	NOTE: Contact Factory for other materials and/or parts not listed. Special voltage motors are available upon special order.			
2	0155-0021-1000	6	1/4"ID x 1/2"OD Washer (Stainless)				
3	0155-0011-1000	1	Front Housing (Polypropylene)	Materials in contact with the liquid: TE-7R-MD: Polypropylene, Ryton, Ryton/Teflon/Glass, Ceramic, Viton TE-7K-MD: Glass Filled Kynar, Carbon, Ceramic, Viton TE-7P-MD: Polypropylene, Ryton, Ryton/Teflon/Glass, Ceramic, Viton			
4	0155-0010-1000	1	1/8" CS x 4-3/8" OD "O" Ring (Viton)				
5	0155-0009-1000	1	Thrust Washer (Ceramic)				
6	0155-0039-1000	1	4.070"Lg. Shaft (Ceramic)	WARRANTY: https://www.marchpump.com/about/warranty/			
7	0155-0159-0500	1	Impeller with Ryton/Teflon/Carbon Bushing (Polypropylene)				
8	0155-0091-0100	1	Rear Housing with Ceramic Thrust Washer (Polypropylene)	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 			
9	0155-0130-0200	1	Drive Magnet				
10	0155-0340-0100	1	Motor Bracket (Noryl)				
11	0155-0017-1000	4	3/8"-16 x 3/4" Lg. Screw (Stainless)				
12	0155-0019-1000	4	3/8"ID x 5/8"OD Washer (Stainless)				
13	0155-0016-1000	1	1 Phase TEFC Motor 115/230V, 50/60Hz, 3/4HP				
14	0155-0022-1000	1	3 Phase TEFC Motor 230/460V, 50/60Hz, 3/4HP				
W	0155-0255-0100	1	Wet End Kit (Items: 1, 2,3,4,5,6,7,8)				