



MARCH PUMPS

PumpBiz.com
1-800-PUMPBIZ (786-7249)

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 breakdown of parts.

Model Abbreviations: T: Ryton & Polypropylene, K: Kynar

OPERATION:

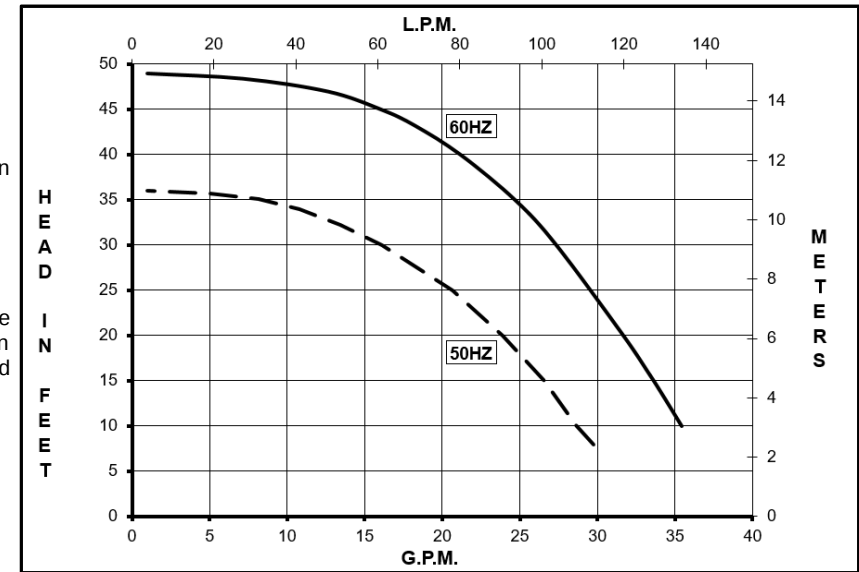
Pumps are not self-priming, lack a suction lift, and thus require a **flooded suction**. Pumps **cannot be run dry** because the impeller requires the liquid being pumped for lubrication. The direction of motor rotation should be clockwise when facing the inlet of the pump. For liquids with a specific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

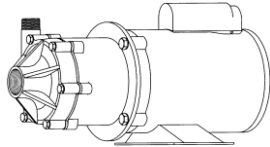
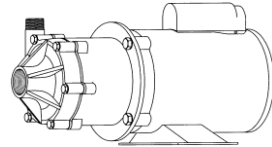
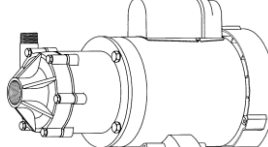
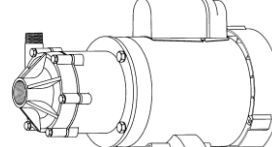
ELECTRICAL:

DP-6-MD pumps are 115/230 Volt, 60 Hz, 1 phase, (Drip Proof Motor). Have a junction box.
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.

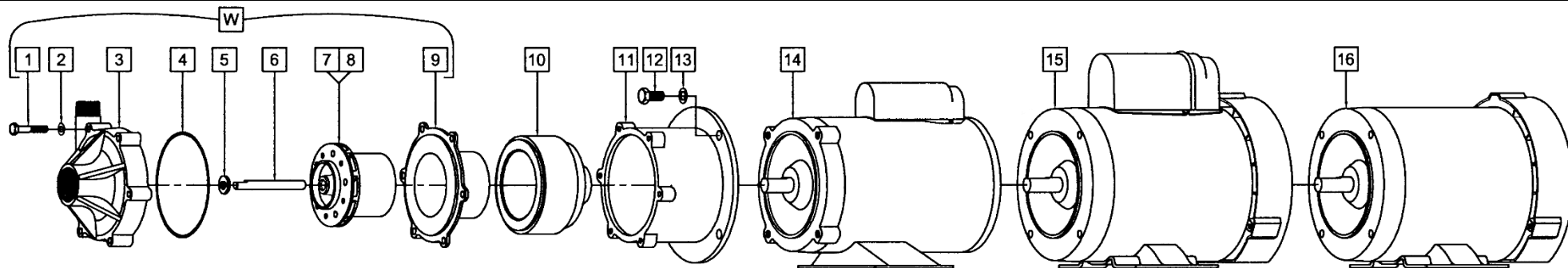
DP-6T-MD, TE-6K-MD DP-6K-MD, TE-6T-MD



SPECIFICATIONS		DP-6T-MD										DP-6K-MD										TE-6T-MD										TE-6K-MD													
																																													
		Product #		1 Phase		0153-0002-0100										0153-0087-0100										0153-0002-0200										0153-0002-0400									
				3 Phase																						0153-0002-0300										0153-0002-0500									
Inlet - Outlet			1" FPT - 3/4" MPT										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)										75 psi (517 kPa)												
Max Liquid Temperature			190 °F (87 °C)										200 °F (93 °C)										190 °F (87 °C)										200 °F (93 °C)												
MODEL		60 Hz												50 Hz												Height		Width		Length		Packed Weight													
		Max Flow		Max Head			ELECTRICAL							Max Flow		Max Head			ELECTRICAL																										
		gpm	lpm	ft	psi	m	Ph	V	A	Hp	kW	Rpm	gpm	lpm	ft	psi	m	Ph	V	A	Hp	kW	Rpm	Inches	cm	Inches	cm	Inches	cm	lbs	kg														
DP-6T-MD		38	144	49	21.2	14.9	1	115 230	7.4 3.7	1/2	0.373	3450													7.79	19.7	6.54	16.6	15.14	38.4	24.75	11.22													
DP-6K-MD		38	144	49	21.2	14.9	1	115 230	7.4 3.7	1/2	0.373	3450													7.79	19.7	6.54	16.6	15.14	38.4	24.50	11.11													
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	8.94	22.7	8.96	22.7	15.78	40.0	28.85	13.08														
		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	7.34	18.6	8.96	22.7	15.28	38.8	28.20	12.79														
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	8.94	22.7	8.96	22.7	15.78	40.0	28.60	12.97														
		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	7.34	18.6	8.96	22.7	15.28	38.8	27.95	12.67														
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



DP-6T-MD & TE-6T-MD

#	DESCRIPTION	MATERIAL	SIZE (Inches)	QTY.	PART #
1	Screw	Stainless	1/4-20 x 1-3/4 Lg.	6	0153-0064-1000
2	Washer	Stainless	1/4 ID x 1/2 OD	6	0155-0021-1000
3	Front Housing w/Inlet & Outlet	Ryton		1	0153-0002-1000
4	"O" Ring	Viton	3/32 CS x 4-7/16 OD	1	0153-0015-1000
5	Thrust Washer	Ceramic		1	0155-0009-1000
6	Shaft	Ceramic		1	0153-0007-1000
7	Impeller w/Ryton/Teflon/Carbon Bushing	Polypropylene		1	0153-0003-0400
9	Rear Housing w/Ceramic Thrust Washer	Ryton		1	0153-0005-0100
10	Drive Magnet			1	0153-0035-0100
11	Motor Bracket	Plastic		1	0153-0001-0100
12	Screw	Stainless	3/8-16 x 3/4 Lg.	4	0155-0017-1000
13	Washer	Stainless	3/8 ID x 5/8 OD	4	0155-0019-1000

W	Wet End Kit	#s 1, 2, 3, 4, 5, 6, 7, 9	1	0153-0056-0100
---	-------------	---------------------------	---	----------------

DP-6T-MD

14	Motor, Drip Proof, 115/230 V, 60 Hz, 1 Phase	1	0153-0027-1000
----	--	---	----------------

TE-6T-MD

15	Motor, TEFC, 115/230 V, 50/60 Hz, 1 Phase	1	0153-0019-1000
16	Motor, TEFC, 230/460 V, 50/60 Hz, 3 Phase	1	0153-0020-1000

OPTIONS

4	"O" Ring (Option)	Viton/Teflon	3/32 CS x 4-7/16 OD	1	0153-0024-1000
7	Impeller w/Carbon Bushing	Polypropylene		1	0153-0003-0500
	Impeller w/Mica Teflon Bushing	Polypropylene		1	0153-0003-0900

DP-6K-MD & TE-6K-MD

#	DESCRIPTION	MATERIAL	SIZE (Inches)	QTY.	PART #
1	Screw	Stainless	1/4-20 x 1-3/4 Lg.	6	0153-0064-1000
2	Washer	Stainless	1/4 ID x 1/2 OD	6	0155-0021-1000
3	Front Housing w/Inlet & Outlet	Kynar		1	0153-0042-1000
4	"O" Ring	Viton	3/32 CS x 4-7/16 OD	1	0153-0015-1000
5	Thrust Washer	Ceramic		1	0155-0009-1000
6	Shaft	Ceramic		1	0153-0007-1000
8	Impeller w/Carbon Bushing	Kynar		1	0153-0043-0500
9	Rear Housing w/Ceramic Thrust Washer	Kynar		1	0153-0041-0100
10	Drive Magnet			1	0153-0035-0100
11	Motor Bracket	Plastic		1	0153-0001-0100
12	Screw	Stainless	3/8-16 x 3/4 Lg.	4	0155-0017-1000
13	Washer	Stainless	3/8 ID x 5/8 OD	4	0155-0019-1000

W	Wet End Kit	#s 1, 2, 3, 4, 5, 6, 8, 9	1	0153-0057-0100
---	-------------	---------------------------	---	----------------

DP-6K-MD

14	Motor, Drip Proof, 115/230 V, 60 Hz, 1 Phase	1	0153-0027-1000
----	--	---	----------------

TE-6K-MD

15	Motor, TEFC, 115/230 V, 50/60 Hz, 1 Phase	1	0153-0019-1000
16	Motor, TEFC, 230/460 V, 50/60 Hz, 3 Phase	1	0153-0020-1000

OPTIONS

4	"O" Ring (Option)	Viton/Teflon	3/32 CS x 4-7/16 OD	1	0153-0024-1000
8	Impeller w/Ryton/Teflon/Carbon Bushing	Kynar		1	0153-0043-0400
	Impeller w/Mica Teflon Bushing	Kynar		1	0153-0043-0900

Materials in Contact with Solution:

DP-6T-MD & TE-6T-MD: Polypropylene, Ryton, Viton, Ceramic, Ryton/Teflon/Carbon
DP-6K-MD & TE-6K-MD: Kynar/Carbon Filled, Viton, Ceramic, 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 not listed.

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

0153-0018-1000 R24