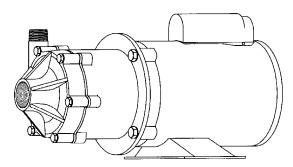


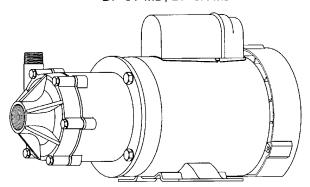
MARCH PUMPS

1819 PICKWICK AVE., GLENVIEW, IL 60026-1306, U.S.A PHONE: (847) 729-5300 - FAX: (847) 729-7062 WWW.MARCHPUMP.COM

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



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



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

L.P.M. 40 60 80 100 120 20 140 50 14 45 60HZ 40 12 35 Ε 10 Α D 30 Ε Т 8 Ε 25 N R S 20 6 Ε Ε 50HZ 15 10 2 5 0 0 10 15 20 5 25 30 35 40 G.P.M.

MODEL ABBREVIATIONS:

DP = Drip Proof Motor

TE = Totally Enclosed Fan Cooled Motor

T = Ryton & Polypropylene

K = Kynar

MD = Magnetic Drive

DESCRIPTION:

Series 6 are centrifugal magnetic drive pumps, eliminating the need for a shaft seal. These pumps can be serviced with an adjustable wrench. See the repair parts list for a breakdown of replacement parts.

OPERATION:

These pumps are not self-priming, lack a suction lift, and thus require a **flooded suction**. These 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.

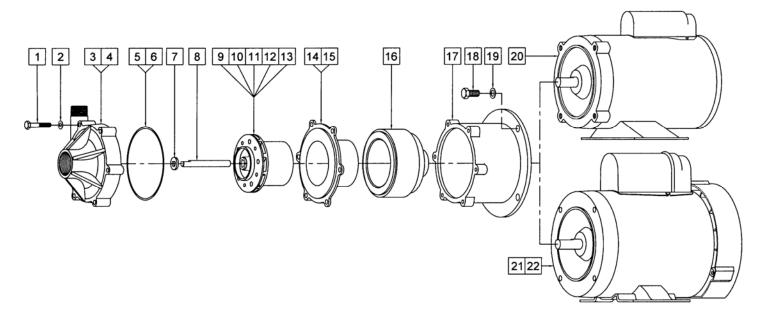
ELECTRICAL:

DP-6-MD pumps are 115/230V, 1 phase, drip proof. TE-6-MD pumps are 115/230V, 1 phase or 230/460V, 3 phase, TEFC. Motors are U.L. listed and rated for continuous duty. Explosion proof and special voltage motors are available upon special order.

NOTES:

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

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SPE	CIF	ICA	FIONS	DP-6T-MD	DP-6K-MD	TE-6T-MD	TE-6K-MD				
Max F	50Hz		lpm	113.5		113.5					
wax r	60Hz		gpm	38		38					
Max H	ood _	50Hz	m	11		1	1				
IVIAX I II	eau	60Hz	ft (psi)	49 (21.2)		49 (21.2)					
Inlet				1"F		1"FPT					
Outlet				3/4"	MPT	3/4"MPT					
Max Internal			psi	50	75	50	75				
Pressure			bar	3.4	5	3.4	5				
Max Liquid			°F	190	200	190	200				
Temperature			°C	87	93	87	93				
Motor Type				Drip Proo	f 1 Phase	TEFC 1 Phase					
	115V		ts - Amps			555 - 8.4					
50Hz	230V		ts - Amps			555 - 4.2					
			Kw - Rpm			0.279 - 2850					
	115V		ts - Amps	790		795 - 7.4					
60Hz	230V		ts - Amps	790		795 - 3.7					
			Hp - Rpm		3450	1/2 - 3450					
Electrical Connection					on Box	Conduit Box					
	verall		Height	7.79		8.94 / 22.7					
Di	imensi		Width	6.54		8.96 / 22.7					
		s / cm	Length		/ 38.4	15.78 / 40.0					
Packed Weight kg/lbs			kg/lbs	11.5/	/25.5	15.5/34.5					
Motor Type						TEFC 3 Phase					
	230V		ts - Amps			480	- 1.7				
50Hz	460V		ts - Amps			480					
			Kw - Rpm			0.372 - 2850					
	230V		ts - Amps			700 - 1.5					
60Hz	460V		ts - Amps			700 - 0.7					
			Hp - Rpm			1/2 - 3450					
Electrical Connection						Conduit Box					
Overall Pump			Height			7.34 / 18.6					
Dimensions in			Width			8.96 / 22.7					
			Length			15.28 / 38.8					
Packed Weight kg/lbs						15/33					



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 (item 16) to the motor shaft, position the face of the Drive Magnet 3/32 inch below the face of the Motor Bracket (item 17).

REPAIR PARTS LIST												
ITEM	DESCRIPTION	MATERIAL	1	QTY	1	DP-6T-MD	DP-6K-MD	TE-6T-MD	TE-6K-MD			
1	Screw	Stainless	1/4-20 x 1-3/4 Lg	6	0153-0064-1000	S	S	S	S			
2	Washer	Stainless	1/4 ID x 1/2 OD	6	0155-0021-1000	S	S	S	S			
3	Front Housing	Ryton		1	0153-0002-1000	S		S				
4	Front Housing	Kynar		1	0153-0042-1000		S		S			
5	"O" Ring	Viton	3/32 CS x 4-7/16 OD	1	0153-0015-1000	S	S	S	S			
6	"O" Ring	Viton/Teflon	3/32 CS x 4-7/16 OD	1	0153-0024-1000	0	0	0	0			
7	Thrust Washer	Ceramic		1	0155-0009-1000	S	S	S	S			
8	Shaft	Ceramic		1	0153-0007-1000		S	S	S			
	Impeller w/Ryton/Teflon/Carbon Bushing	Polypropylene		1	0153-0003-0400	S		S				
10	Impeller w/Carbon Bushing	Polypropylene		1	0153-0003-0500	0		0				
11	Impeller w/Mica Teflon Bushing	Polypropylene		1	0153-0003-0900	0		0				
12	Impeller w/Carbon Bushing	Kynar		1	0153-0043-0500		S		S			
13	Impeller w/Mica Teflon Bushing	Kynar		1	0153-0043-0900		0		0			
14	Rear Housing w/Thrust Washer	Ryton/Ceramic		1	0153-0005-0100	S		S				
15	Rear Housing w/Thrust Washer	Kynar/Ceramic		1	0153-0041-0100		S		S			
16	Drive Magnet			1	0153-0035-0100		S	S	S			
17	Motor Bracket	Plastic		1	0153-0001-0100		S	S	S			
18	Screw	Stainless	3/8-16 x 3/4 Lg	4	0155-0017-1000	S	S	S	S			
19	Washer	Stainless	3/8 ID x 5/8 OD	4	0155-0019-1000	S	S	S	S			
20	Motor, Drip Proof, 115/230V, 60Hz, 1 Pha	1	0153-0027-1000	S	S							
	Motor, TEFC, 115/230V, 50/60Hz, 1 Phas	1	0153-0019-1000			S	S					
	Motor, TEFC, 230/460V, 50/60Hz, 3 Phas	0153-0020-1000			S	S						
W1	Wet End Kit (Items: 1, 2, 3, 5, 7, 8, 9, 14)	0153-0056-0100	S		S							
	Wet End Kit (Items: 1, 2, 4, 5, 7, 8, 12, 15	0153-0057-0100		S		S						
	NOTE: Contact Factory for other m		Legend: S = Standard, O = Optional									

MATERIALS IN CONTACT WITH SOLUTION:

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

For DP-6K-MD: Kynar/Carbon Filled, Viton, Ceramic, Carbon

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

For TE-6K-MD: Kynar/Carbon Filled, 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

0153-0018-1000 R17