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Find the *Morrill Motors 810M006B45* at our website: *Click HERE*

MARCH PUMPS

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

AC-3CP-MD, AC-3AP-MD
BC-3CP-MD, BC-3AP-MD
BC-3K-MD

DESCRIPTION:

Series 3 are centrifugal magnetic drive pumps, eliminating the need for a shaft seal. Pumps are serviceable with a screwdriver. See the parts list for a breakdown of parts.

OPERATION:

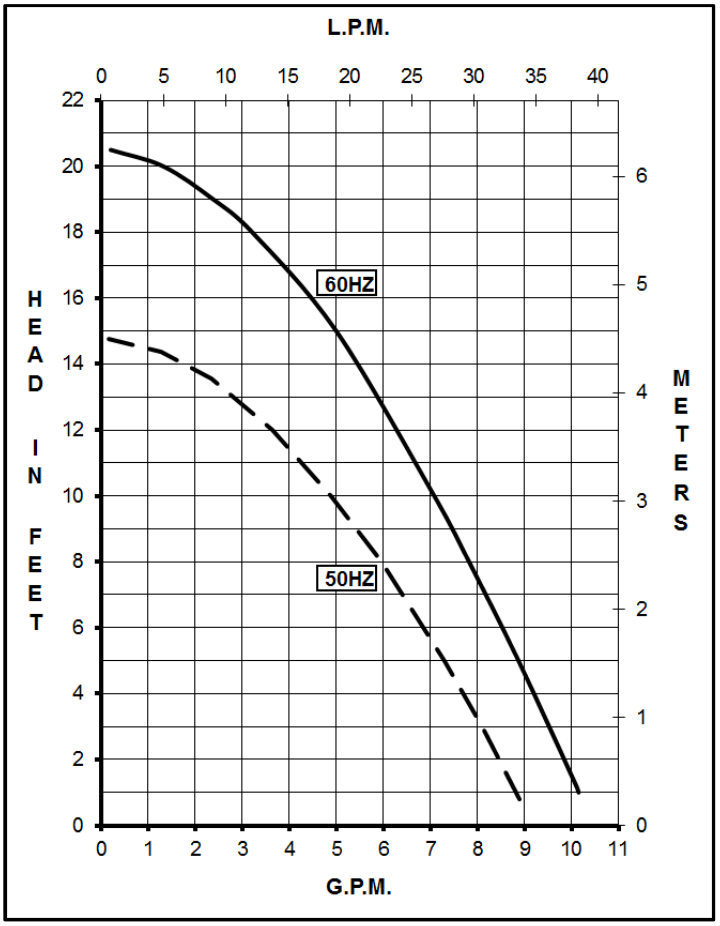
Pumps are not self-priming, lack a suction lift, and thus require a **flooded suction**. Pumps **cannot be run dry** because the impeller requires the liquid being pumped for lubrication. For liquids with a specific gravity greater than water, have a higher viscosity, or for elevated temperatures, a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

ELECTRICAL:

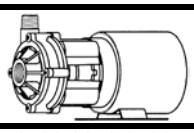
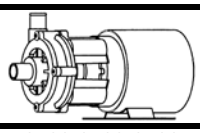
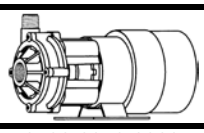
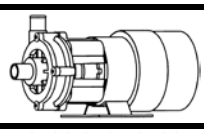
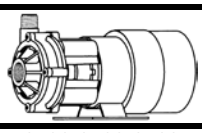
Motors are available in different electrical configurations such as 115 Volt 60 Hz, 115 Volt 50/60 Hz, or 230 Volt 50/60 Hz, 1 phase. The motors are U.L. listed and rated as continuous duty.

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



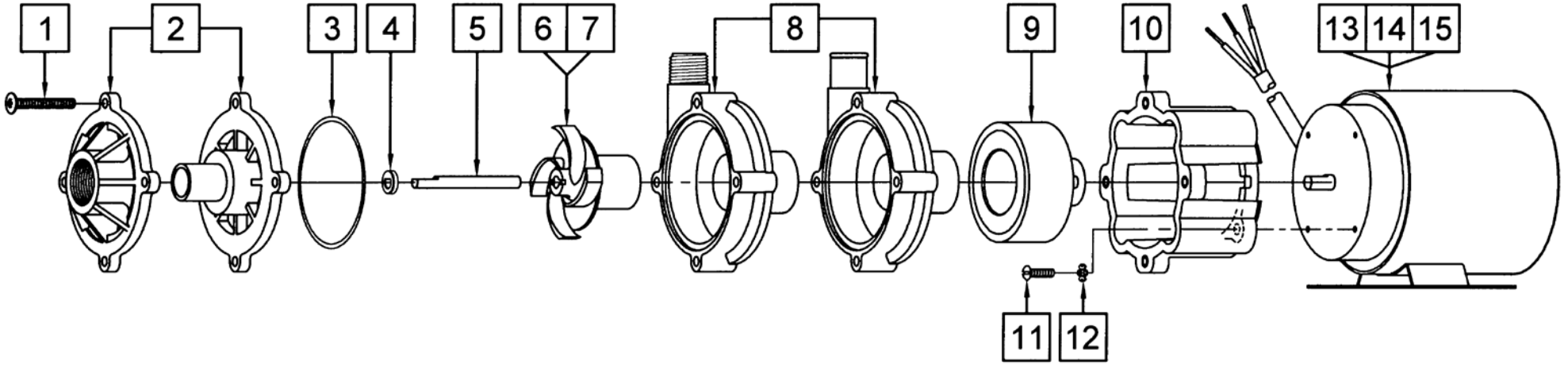
Model Abbreviations: C: Threaded Inlet/Outlet, A: Smooth Inlet/Outlet, K: Kynar, AC: Air Cooled Motor, BC: Blast Cooled Motor

MODELS		AC-3CP-MD				AC-3AP-MD				BC-3CP-MD				BC-3AP-MD				BC-3K-MD			
																					
Product #	115 V	0130-0018-0100				0130-0103-0100				0130-0018-0300				0130-0105-0100				0130-0138-0100			
	230 V	0130-0018-0200				0130-0103-0200				0130-0018-0600				0130-0105-0200				0130-0138-0200			
UNITS		**60 Hz**		**50 Hz**		**60 Hz**		**50 Hz**		**60 Hz**		**50 Hz**		**60 Hz**		**50 Hz**		**60 Hz**		**50 Hz**	
Max Flow		10 gpm		33 lpm		10 gpm		33 lpm		10 gpm		33 lpm		10 gpm		33 lpm		10 gpm		33 lpm	
Max Head		20.5 ft 8.9 psi		4.5 m		20.5 ft 8.9 psi		4.5 m		20.5 ft 8.9 psi		4.5 m		20.5 ft 8.9 psi		4.5 m		20.5 ft 8.9 psi		4.5 m	
Inlet - Outlet		3/4" FPT - 1/2" MPT				3/4" OD - 3/4" OD				3/4" FPT - 1/2" MPT				3/4" OD - 3/4" OD				3/4" FPT - 1/2" MPT			
Max Internal Pressure		50 psi / 344 kPa				50 psi / 344 kPa				50 psi / 344 kPa				50 psi / 344 kPa				75 psi / 517 kPa			
Max Liquid Temperature		190 °F / 87 °C				190 °F / 87 °C				190 °F / 87 °C				190 °F / 87 °C				200 °F / 93 °C			
Packed Weight	115 V	6.55 lbs / 2.97 kg				6.55 lbs / 2.97 kg				7.90 lbs / 3.58 kg				7.90 lbs / 3.58 kg				7.90 lbs / 3.58 kg			
	230 V	7.50 lbs / 3.40 kg				7.50 lbs / 3.40 kg				8.10 lbs / 3.67 kg				8.10 lbs / 3.67 kg				8.10 lbs / 3.67 kg			
ELECTRICAL 60 Hz		**W**	**A**	**Hp**	**Rpm**	**W**	**A**	**Hp**	**Rpm**	**W**	**A**	**Hp**	**Rpm**	**W**	**A**	**Hp**	**Rpm**	**W**	**A**	**Hp**	**Rpm**
115 V		150	2.3	1/15	3450	150	2.3	1/15	3450	146	2.1	1/14	3450	146	2.1	1/14	3450	146	2.1	1/14	3450
230 V		134	0.9	1/15	3450	134	0.9	1/15	3450	139	1.0	1/15	3450	139	1.0	1/15	3450	139	1.0	1/15	3450
ELECTRICAL 50 Hz		**W**	**A**	**kW**	**Rpm**	**W**	**A**	**kW**	**Rpm**	**W**	**A**	**kW**	**Rpm**	**W**	**A**	**kW**	**Rpm**	**W**	**A**	**kW**	**Rpm**
115 V										152	2.4	0.053	2850	152	2.4	0.053	2850	152	2.4	0.053	2850
230 V		141	1.0	0.049	2850	141	1.0	0.049	2850	141	1.1	0.049	2850	141	1.1	0.049	2850	141	1.1	0.049	2850
OVERALL SIZE		**Height**	**Width**	**Length**		**Height**	**Width**	**Length**		**Height**	**Width**	**Length**		**Height**	**Width**	**Length**		**Height**	**Width**	**Length**	
115 V		5"	3.91"	8.12"		5"	3.91"	8.90"		4.94"	3.91"	9.06"		4.94"	3.91"	9.84"		4.94"	3.91"	9.06"	
		12.7 cm	9.9 cm	20.6 cm		12.7 cm	9.9 cm	22.6 cm		12.5 cm	9.9 cm	23.0 cm		12.5 cm	9.9 cm	25.0 cm		12.5 cm	9.9 cm	23.0 cm	
230 V		5"	4"	8.77"		5"	4"	9.55"		4.94"	3.91"	9.06"		4.94"	3.91"	9.84"		4.94"	3.91"	9.06"	
		12.7 cm	10.1 cm	22.2 cm		12.7 cm	10.1 cm	24.2 cm		12.5 cm	9.9 cm	23.0 cm		12.5 cm	9.9 cm	25.0 cm		12.5 cm	9.9 cm	23.0 cm	
Materials in Contact with Solution:		Polypropylene, Ceramic, Buna N, Ceramic Mag.				Polypropylene, Ceramic, Buna N, Ceramic Mag.				Polypropylene, Ceramic, Viton				Polypropylene, Ceramic, Viton				Kynar/Carbon Filled, Ceramic, Viton			

All specifications/values are based on pumping water and are intended as a guideline only. Values may vary with different motors.

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PARTS LIST



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.

#	DESCRIPTION	MATERIAL	SIZE (Inches)	QTY.	PART # AC-3CP-MD	AC-3AP-MD	BC-3CP-MD	BC-3AP-MD	BC-3K-MD
1	Screw	Stainless	#10-32 x 1-1/2 Lg.	4	0823-0008-1000				
2	Cover	Polypropylene	3/4 FPT Inlet	1	0130-0021-1000		0130-0021-1000		
		Polypropylene	3/4 OD Inlet	1		0130-0064-1000		0130-0064-1000	
		Kynar	3/4 FPT Inlet	1					0130-0111-1000
3	"O" Ring	Buna N	3/32 CS x 2-13/16 OD	1	0130-0011-1000				
		Viton		1			0130-0033-1000		
	"O" Ring (Option)	Viton/Teflon		1	0130-0121-1000				
4	Thrust Washer	Ceramic		1	0130-0028-1000				
5	Shaft	Ceramic		1	0130-0024-1000				
6	Impeller	Polypropylene/Ceramic Magnet		1	0130-0020-0100				
7	Encapsulated Impeller	Polypropylene		1			0130-0069-0200		
		Kynar		1					0130-0112-0200
8	Rear Housing	Polypropylene	1/2 MPT Outlet	1	0130-0018-1000		0130-0018-1000		
		Polypropylene	3/4 OD Outlet	1		0130-0102-1000		0130-0102-1000	
		Kynar	1/2 MPT Outlet	1					0130-0110-1000
9	Drive Magnet			1	0130-0043-0200				
10	Motor Bracket	Plastic		1	0130-0066-0100				
11	Screw	Stainless	#8-32 x 5/8 Lg.	4	0618-0027-1000				
12	Lock Washer	Steel	#8	4	0140-0014-1000				
13	AC Motor, 115V, 60Hz			1	0130-0022-1000				
14	BC Motor, 115V, 50/60Hz (Not Shown)			1			0130-0140-1200		
15	AC or BC Motor, 230V, 50/60Hz			1	0130-0049-1200				

NOTE: Contact Factory for other materials and/or parts not listed.

0130-0032-1000 R28

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