



MARCH PUMPS

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DESCRIPTION:

The LC-3CP-MD is a centrifugal magnetic drive pump, eliminating the need for a shaft seal. Pumps are serviceable with a screwdriver. The "LC" is hermetically encapsulated and liquid cooled which allows the pump to be run fully submerged or in open air for complete moisture protection.

OPERATION:

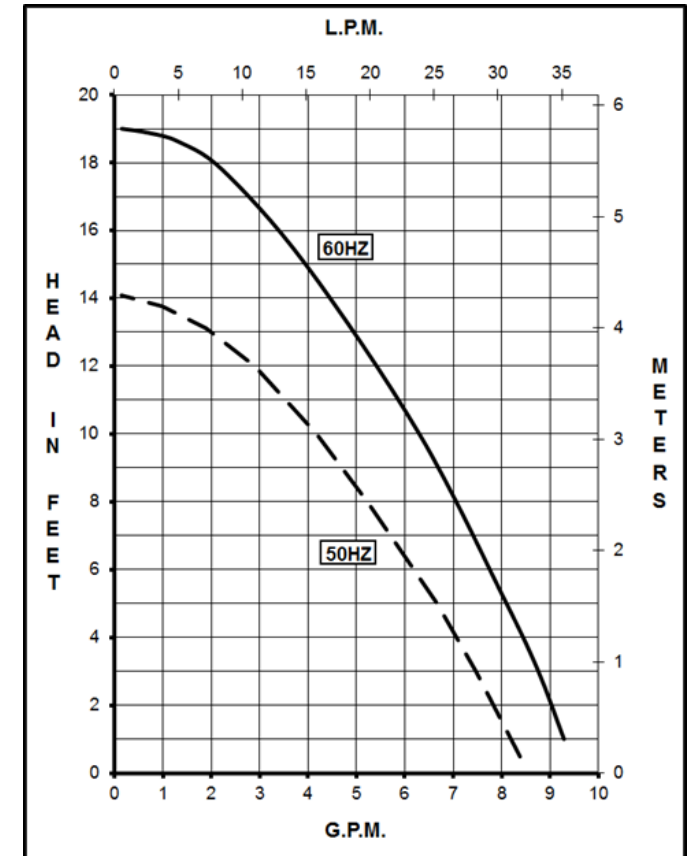
Pumps are not self-priming, lack a suction lift, and thus require a **flooded suction**. Pumps **cannot be run dry** because the impeller requires the liquid being pumped for lubrication. For liquids with a specific gravity greater than water, have a higher viscosity, or for elevated temperatures, a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

ELECTRICAL:

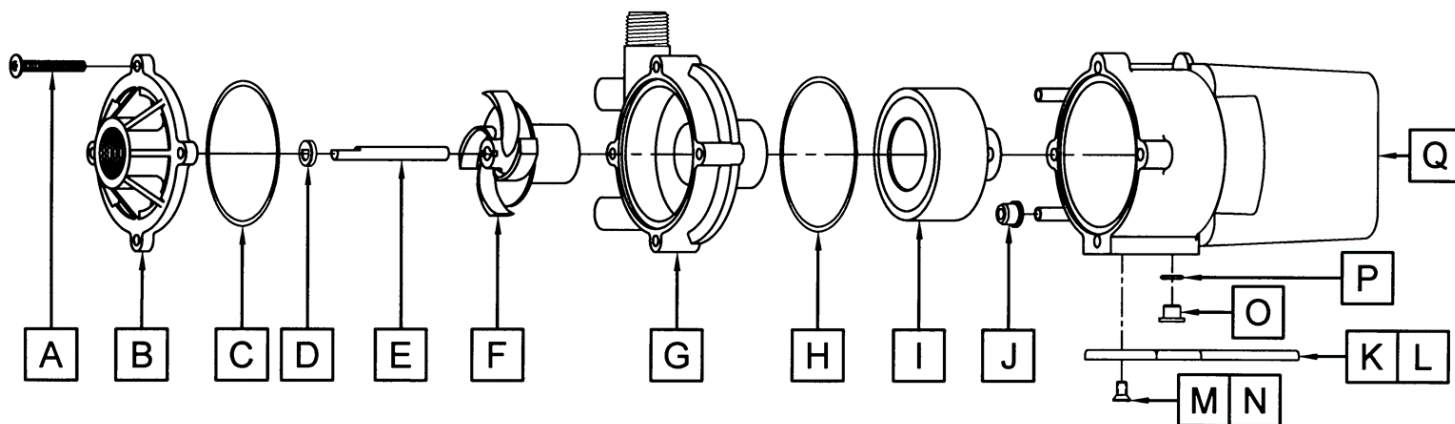
Motors are available in different electrical configurations such as 1 Phase 115 Volt 50/60 Hz or 230 Volt 50/60 Hz. The motors are not dual voltage. The motors are U.L. listed and rated as continuous duty. Models have a 6 foot (1.8 m) cord.

Carbon Bushing: This pump can be equipped with a carbon bushing, which will help to protect the pump if run dry.

Specifications		LC-3CP-MD	LC-3CP-MD with Carbon Bushing
Product	115V	0130-0158-0200	0130-0158-0230
	230V	0130-0159-0200	0130-0159-0230
Inlet-Outlet		3/4" FPT-1/2" MPT	3/4" FPT-1/2" MPT
Max Internal Pressure		25PSI (172kPa)	25PSI (172kPa)
Max Liquid Temperature		130F (54C)	130F (54C)



	60Hz											50Hz											
	Max Flow		Max Head			Electrical						Max Flow		Max Head			Electrical						
Model	GPM	LPM	Feet	PSI	M	Ph	Voltage	Amperage	HP	kW	RPM	GPM	LPM	Feet	PSI	M	Ph	Voltage	Amperage	HP	kW	RPM	
LC-3CP-MD	8.5	32.2	19	8.2	5.8	1	115 or 230	2.0 or 1.0	1/20	0.037	3450	8.2	31	14.1	6.1	4.3	1	115 or 230	2.3 or 1.0	1/20	0.037	2850	
All specifications & data are based on pumping water & are intended as a guideline only. Specifications may vary with different motors.																							



LC-3CP-MD				LC-3CP-MD with Carbon Bushing			
Item	Part Number	QTY REQ	Description	Item	Part Number	QTY REQ	Description
A	0823-0008-1000	4	#10-32 x 1-1/2" Long Screw (Stainless)	A	0823-0008-1000	4	#10-32 x 1-1/2" Long Screw (Stainless)
B	0130-0021-1000	1	Cover with 3/4" FPT (Polypropylene)	B	0130-0021-1000	1	Cover with 3/4" FPT (Polypropylene)
C	0130-0011-1000	1	3/32"CS x 2-13/16"OD "O" Ring (Buna N)	C	0130-0011-1000	1	3/32"CS x 2-13/16"OD "O" Ring (Buna N)
D	0130-0028-1000	1	Thrust Washer (Ceramic)	D	0130-0028-1000	1	Thrust Washer (Ceramic)
E	0130-0024-1000	1	Shaft (Ceramic)	E	0130-0024-1000	1	Shaft (Ceramic)
F	0130-0020-0100	1	Impeller with Bare Ceramic Magnet (Polypropylene)	F	0130-0165-0200	1	Impeller with Bare Ceramic Magnet and Carbon Bushing (Polypropylene)
G	0130-0019-0100	1	Rear Housing with 1/2" MPT & Plug Assembly	G	0130-0019-0100	1	Rear Housing with 1/2" MPT & Plug Assembly
H	0130-0025-1000	1	3/32"CS x 3" OD Bracket "O" Ring (Buna N)	H	0130-0025-1000	1	3/32"CS x 3" OD Bracket "O" Ring (Buna N)
I	0130-0043-0200	1	Drive Magnet	I	0130-0043-0200	1	Drive Magnet
J	0125-0007-1000	2	Cooling Tube Seal (Buna N)	J	0125-0007-1000	2	Cooling Tube Seal (Buna N)
K	0125-0037-1000	1	Mounting Base (Polypropylene)	K	0125-0037-1000	1	Mounting Base (Polypropylene)
L	0125-0113-0100	1	Marine Base w/Grommets (Polypropylene) -Option (Not Shown)	L	0125-0113-0100	1	Marine Base w/Grommets (Polypropylene) -Option (Not Shown)
M	0130-0132-1000	2	Base Screw (Stainless)	M	0130-0132-1000	2	Base Screw (Stainless)
N	0130-0146-100	2	Marine Base Screw (Stainless)-Option (not shown)	N	0130-0146-100	2	Marine Base Screw (Stainless)-Option (not shown)
O	0125-0110-1000	1	Plug for Motor Bracket	O	0125-0110-1000	1	Plug for Motor Bracket
P	0210-0008-1000	1	1/16"CS x 7/16" OD "O" Ring (Viton)	P	0210-0008-1000	1	1/16"CS x 7/16" OD "O" Ring (Viton)
Q	Not Available	1	LC Epoxy Motor, Bracket, Cord Assembly	Q	Not Available	1	LC Epoxy Motor, Bracket, Cord Assembly
W	0130-0115-0200	1	Wet End Kit (A,B,C,D,E,F,G,H, J)	W	0130-0115-0230	1	Wet End Kit (A,B,C,D,E,F,G,H, J)

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: LC-3CP-MD: Polypropylene, Cupric Nickel, Buna N, Ceramic, Ceramic Magnet.

When Submerged: Epoxy, Stainless Steel, Ryton, and Cord.

When purchased with a carbon bushing, the carbon bushing is also exposed to the liquid.

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

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

