

# 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:**

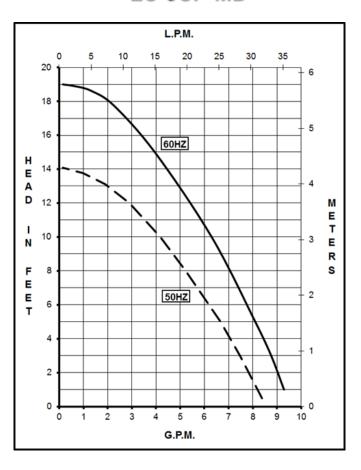
Pumps are not self-priming, lack a suction lift, and thus require a **flooded suction**. Pumps **cannot be run dry** because the impeller requires the liquid being pumped for lubrication. For liquids with a specific gravity greater than water, have a higher viscosity, or for elevated temperatures, a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

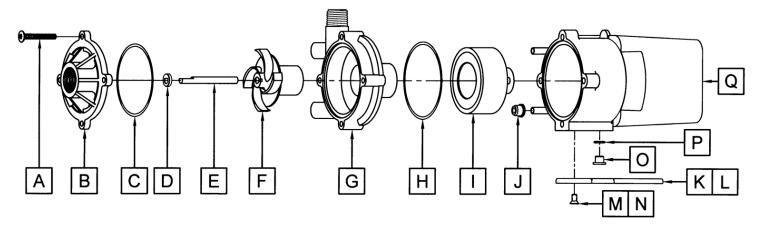
Specifications		LC-3CP-MD
Product	115V	0130-0158-0200
	230V	0130-0159-0200
Inlet-Outlet		3/4"FPT-1/2"MPT
Max Internal Pressure		25PSI (172kPa)
Max Liquid Temperature		130F (54C)

## LC-3CP-MD



	60Hz											50Hz								
	Max Flow Max Head			ıd	Electrical				Max Flow Max Head			Electrical								
Model	GPM	LPM	Feet	PSI	М	Ph	Voltage	Amperage	НР	kW	GPM	LPM	Feet	PSI	М	Ph	Voltage	Amperage	НР	kW
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	8.2	31	14.1	6.1	4.3	1	115 or 230	2.3 or 1.0	1/20	0.037

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



	LC-3CP-MD								
Item	Part Number	QTY REQ	Description						
Α	0823-0008-1000	4	10-32 x 1-1/2" Long Screw (Stainless)						
В	0130-0021-1000	1	Cover with 3/4"FPT (Polypropylene)						
С	0130-0011-1000	1	3/32"CS x 2-13/16"OD "O" Ring (Buna N)						
D	0130-0028-1000	1	Thrust Washer (Ceramic)						
E	0130-0024-1000	1	Shaft (Ceramic)						
F	0130-0020-0100	1	Impeller with Bare Ceramic Magnet (Polypropylene)						
G	0130-0019-0100	1	Rear Housing with 1/2"MPT & Plug Assembly						
Н	0130-0025-1000	1	3/32"CS x 3" OD Bracket "O" Ring (Buna N)						
I	0130-0043-0200	1	Drive Magnet						
J	0125-0007-1000	2	Cooling Tube Seal (Buna N)						
K	0125-0037-1000	1	Mounting Base (Polypropylene)						
L	0125-0113-0100	1	Marine Base w/Grommets (Polypropylene) -Option (Not Shown )						
М	0130-0132-1000	2	Base Screw (Stainless)						
N	0130-0146-100	2	Marine Base Screw (Stainless)-Option (not shown)						
0	0125-0110-1000	1	Plug for Motor Bracket						
Р	0210-0008-1000	1	1/16"CS x 7/16" OD "O" Ring (Viton)						
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)						

 $\label{eq:NOTE:contact} \mbox{ NOTE: Contact Factory for other materials and/or parts not listed.}$ 

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, Noryl and Cord.

<u>WARRANTY</u>: https://www.marchpump.com/about/warranty/

For the General Installation Manual, see this link <a href="https://www.marchpump.com/wp-content/uploads/2019/07/march-pump-general-installation-guide-0750-040.pdf">https://www.marchpump.com/wp-content/uploads/2019/07/march-pump-general-installation-guide-0750-040.pdf</a>
Or Scan QR Code

