



MARCH PUMPS

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LC-3CP-MD

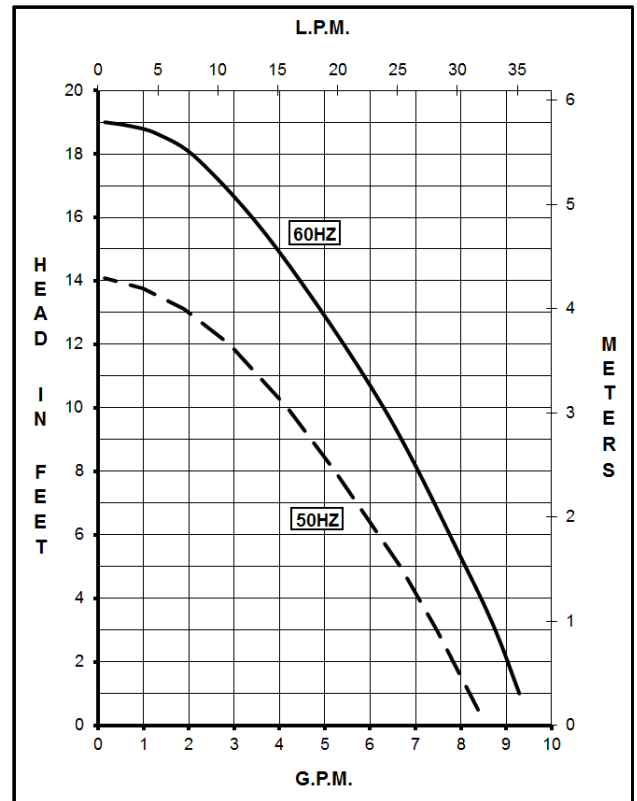
DESCRIPTION: The LC-3CP-MD is a centrifugal magnetic drive pump, eliminating the need for a shaft seal. Pumps are serviceable with a screwdriver. The "LC" is hermetically encapsulated and liquid cooled which allows the pump to be run fully submerged or in open air for complete moisture protection.

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 115 Volt 50/60 Hz, or 230 Volt 50/60 Hz, 1 phase. The motors are U.L. listed and rated as continuous duty. Models have a 6 foot (1.8 m) cord.

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

MODELS		LC-3CP-MD			
Product #	115 V	0130-0158-0200			
	230 V	0130-0159-0200			
UNITS		60 Hz	50 Hz		
Max Flow		8.5 gpm	31 lpm		
Max Head		19 ft / 8.2 psi	4.3 m		
Inlet - Outlet		3/4" FPT - 1/2" MPT			
Max Internal Pressure		25 psi / 172 kPa			
Max Liquid Temperature		130 °F / 54 °C			
Packed Weight	115 V	7.90 lbs / 3.58 kg			
	230 V	7.95 lbs / 3.60 kg			
ELECTRICAL 60 Hz		W	A	Hp	Rpm
115 V		120	2.0	1/20	3450
230 V		120	1.0	1/20	3450
ELECTRICAL 50 Hz		W	A	kW	Rpm
115 V		137	2.3	0.037	2850
230 V		100	1.0	0.037	2850
OVERALL SIZE		Height	Width	Length	
		4.87" (12.3 cm)	4.75" (12.0 cm)	7.38" (18.7 cm)	
Materials in Contact with Solution:		Polypropylene, Cupric Nickel, Buna N, Ceramic, Ceramic Magnet			
		Also when submerged: Epoxy, Stainless, Ryton, & Cord			
All specifications/values are based on pumping water and are intended as a guideline only. Values may vary with different motors.					



#	DESCRIPTION	MATERIAL	QTY.	PART #	#	DESCRIPTION	MATERIAL	QTY.	PART #
A	Screw #10-32 x 1-1/2" Lg.	Stainless	4	0823-0008-1000	K	Mounting Base	Polypropylene	1	0125-0037-1000
B	Cover	Polypropylene	1	0130-0021-1000	L	*†Marine Base w/Grommets	Polypropylene	1	0125-0113-0100
C	"O" Ring 3/32" CS x 2-13/16" OD	Buna N	1	0130-0011-1000	M	Base Screw	Stainless	2	0130-0132-1000
D	Thrust Washer	Ceramic	1	0130-0028-1000	N	*†Marine Base Screw	Stainless	2	0130-0146-1000
E	Shaft	Ceramic	1	0130-0024-1000	O	Plug for Motor Bracket		1	0125-0110-1000
F	Impeller w/Ceramic Magnet	Polypropylene	1	0130-0020-0100	P	"O" Ring 1/16" CS x 7/16" OD	Viton	1	0210-0008-1000
G	Rear Housing & Plug Assembly	Polypropylene	1	0130-0019-0100	Q	L.C. Epoxy Motor, Bracket, Cord Assembly	N/A		Not Available
H	Bracket "O" Ring 3/32" CS x 3" OD	Buna N	1	0130-0025-1000	W	Wet End Kit (A, B, C, D, E, F, G, H, J)		1	0130-0115-0200
I	Drive Magnet		1	0130-0043-0200					
J	Cooling Tube Seal	Buna N	2	0125-0007-1000					
*Not Shown †Option									

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

0130-0036-1000 R28