

GOTEC

EMX-08 Miniature Piston Pump

Solenoid Operated, Flow to 20 L/H (5.28 GPH) / Pressure to 0.8 Bar (11.6 PSI)

DESCRIPTION

Model EMX08 and EMX08-BD oscillating piston pump are a great solution for low volume liquid pumping applications where small size is a critical factor.

The piston size and the length of its displacement define the flow rate. The pressure limits itself automatically. The pump will run without damage when the liquid flow is stopped momentarily.

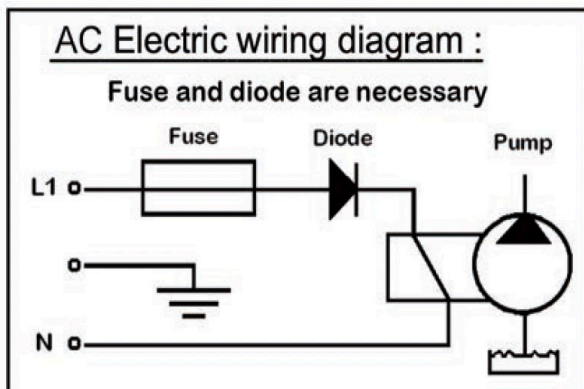
The precision ground machined elements, piston and bushing, guarantee minimum wear and exceptional component life. With only stainless steel and PTFE in contact with the media, the pumps are suitable for a wide range of fluids and applications.



FEATURES

- Compact Size, Light Weight
- Maintenance Free, Long Life
- Self Priming, Achieve 0.8 Bar
- AC or DC Operations
- Housing & Connection Options
- 3 Valve Configurations for Enhanced Suction

ELECTRICAL WIRING



SPECIFICATIONS

GENERAL

Supply Voltage	12, 24, 110, 230VAC, diode rectified
Pump Materials	303, 304, 316, & 431 SS
Pump Seal Material	PTFE or NBR
Solenoid Housing	Molded epoxy
Maximum Pressure	0.8 bar (11.6 PSI)
Maximum Flow	Standard Vers., 9 L/H (2.38 GPH) BG Vers., 20 L/H (5.28 GPH)
Suction Height	2 Valves: 5ft 3 Valves: 10ft
Viscosity Range	1...600mm ² /s
Particle Tolerance	100 mesh
Frequency	50/60 Hz
DC Operation	Optional model PD-106 DC driver board
Electrical Connections	Male DIN Spade (3 x 6.3 mm x .08 mm), ISO/DIN 43650 form B, or 130 mm flying leads
Power Consumption	18 W
Insulation	Class F-100% ED / 20 [°C] with heat sink (Class H on request), Class I
Operating Factor	100% continuous@ 68°F
Ambient/Process Temperature Range	1 to 50°C (33.8 to 122°F)
Noise level (1m)	open flow = ~35 [dB(A)], Max. pressure = ~29 [dB(A)]
Optional Mounting	Integral Heat Sink w/2ea 1/8" Holes 3/4" on center
Weight	95 g (0.2 lb)

