



ILX

1" x 1" Centrifugal Transportation Circulator

The ILX series by MP Pumps is designed for efficient inline fluid transfer in water and coolant circulation systems. This compact centrifugal pump integrates a robust 12V DC brushed motor with splash- and weather-resistant housing, ensuring reliable performance in demanding environments such as agricultural, industrial, marine, transportation, and OEM applications.

Constructed from precision-machined aluminum and equipped with a semi-open nickel-steel impeller, the ILX pump delivers superior corrosion resistance and mechanical durability. It supports flow capacities up to 12 GPM (79 LPM) and achieves a maximum head of 17 ft (5.1 m), optimizing hydraulic efficiency under challenging operating conditions. The inline volute configuration simplifies system integration, while dual 18-inch power leads enable quick electrical connection for streamlined installation and long-term service reliability.

SPECIFICATIONS:

Port Sizes	1" x 1" hose, Optional nozzle inside diameter tapped for 1/2" female NPT connections
Materials of Construction	Aluminum
Flow	Up to 12 GPM (2.72 m ³ /h)
Head Feet	Up to 17' (5 m)
Impeller	2.5" (63.5 mm) semi-open nickel steel
Drive Options	12V DC brushed electric motor
Seal	Carbon / Ceramic / Viton
Base	Stamped steel with (4) vibration isolating grommets
Temperature	Operation in ambient temperatures up to 200°F (93°C), Use with fluids to 220°F (104°C) and sustained fluid temps up to 210°F (99°C)

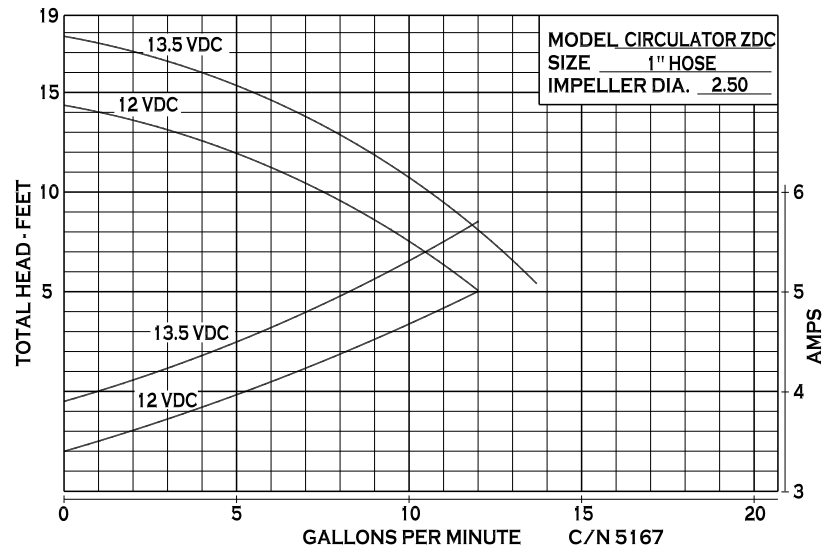
Application:

- Agricultural
- Commercial
- Industrial
- Marine
- OEM
- Transportation

Features:

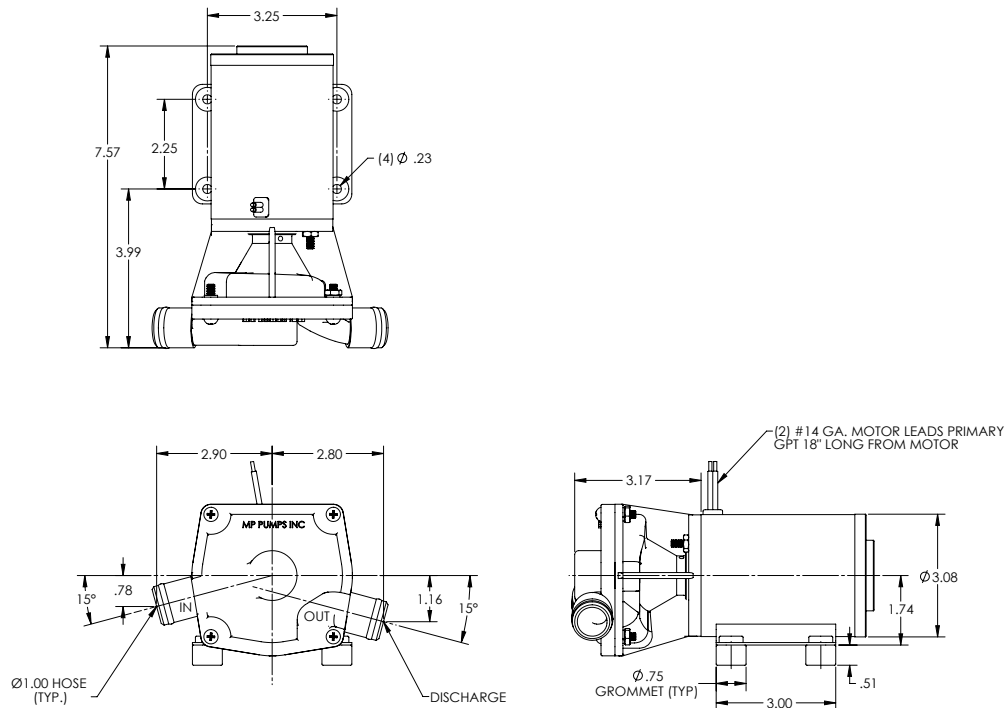
- Convenient inline volute design
- Dual 18" long 14 AWG red (positive) black (negative) power leads

PERFORMANCE CURVES



DIMENSIONS

ILXPMP A:12VDC 1 HOSE (MP34310)



* For complete parts lists and troubleshooting guidance, please refer to the MP Pumps Installation Operation & Maintenance (IOM) Manual.