

1000 Series



Pump Specifications:

Flow Rates — Range to .50 gpm; maximum pressure 200 psi

Motor — 12VDC, nominal, reversible, brush

Fluid Temperature — To 180°F (82°C)

Materials in Contact with Solution:

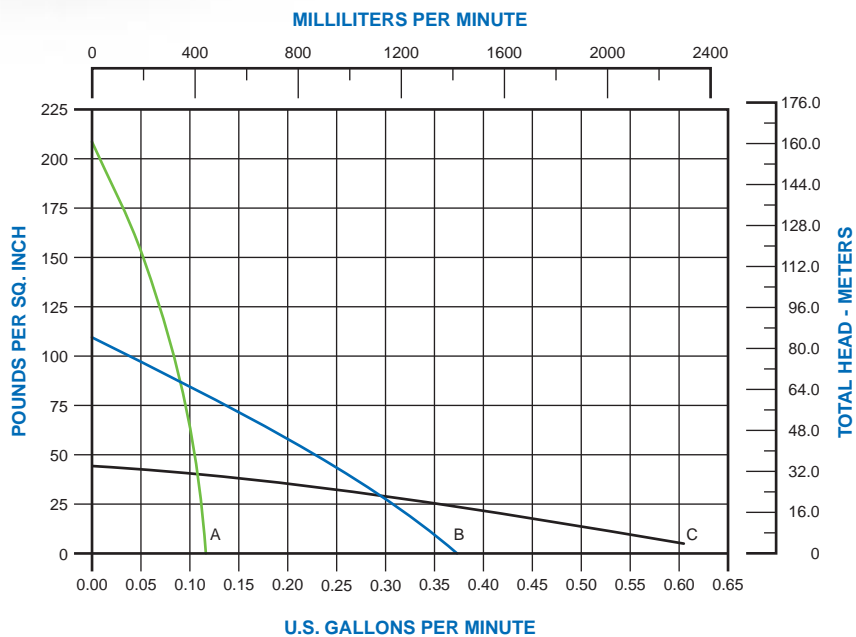
Body — PPS Polymer
Seal — a. Carbon and Ceramic faces with 302 Stainless Steel spring
 b. PPS Polymer (Ryton®) spring/seal retainer

Shafts — 630 Stainless Steel

Hose Connectors — PPS Polymer (Ryton®)

Gears — PPS Polymer (Ryton®)

O-Rings (Elastomers) — Nitrile



A - 12VDC curve (.080" gears).
 B - 12VDC curve (.264" gears).
 C - 12VDC curve (.537" gears).

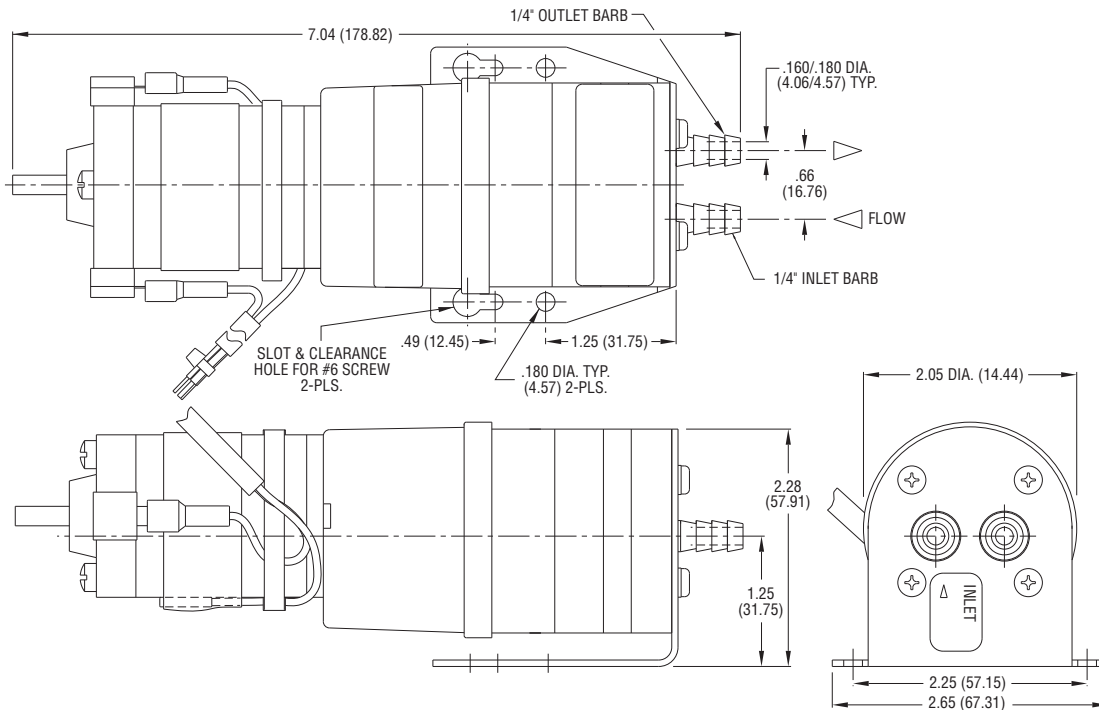
MODEL SPECIFICATIONS

| Model Number | Series | Volts | Motor Type | Gear Thickness | Typical Curve | Approx. Wt. |
|--------------|--------|-------|------------|----------------|---------------|-------------|
| | | | | | 12VDC | |
| 19001-001 | 1000 | 12VDC | Brush | .080" | A | 1.7 lbs. |
| 19001-002 | 1000 | 12VDC | Brush | .264" | B | 1.7 lbs. |
| 19001-003 | 1000 | 12VDC | Brush | .537" | C | 1.7 lbs. |

Note: Motor amps affected by flow rate. Consult factory for specs.

GEAR PUMPS - TYPICAL DIMENSIONS

1000 Series Model



Dimensions in Inches
(Dimensions in Millimeters)

OEM Options

O-Rings

- (Elastomers) —
- EPT/EPDM
 - Viton®/Fluoroelastomer
 - Aflas®

Hose

- Connectors — PPS Polymer (Ryton®)
- 1/8" hose barb
 - 1/4" hose barb
 - 3/8" hose barb

Gears

- PPS Polymer (Ryton®) —
3 different gear sizes available

Motors

- 24VDC brush