

Features and Benefits

- Self priming (water) and maintenance free with low vibration and pulsation characteristics
- Innovative mechanical seal design requires less sanitizing
- Positive Displacement Gear Pump with 24VDC brushless motor
- Self-priming and maintenance free with low vibration and pulsation characteristics
- Stainless steel housing works with acidity > 2 pH¹

General Applications

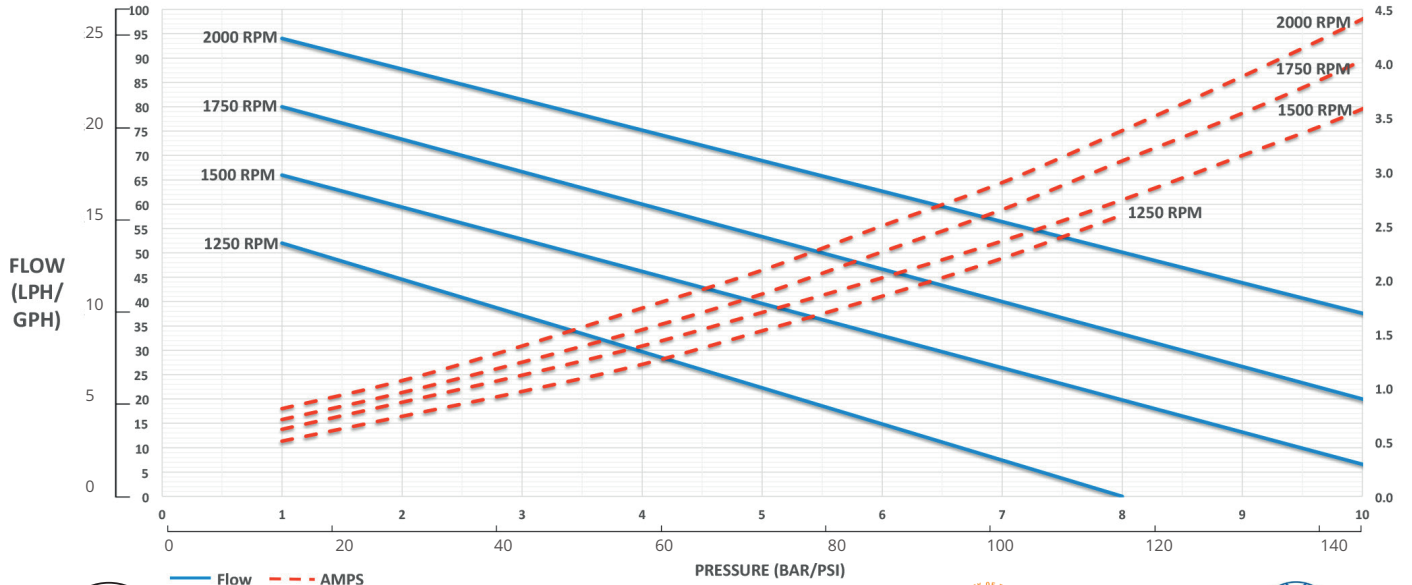
- Milk Frothing
- Espresso/Coffee
- Misting Systems
- Syrup Dispensing
- Boiler Feeds
- Ink Dispensing
- Temperature Control
- Syrup Dispensing
- Detergent Dispensing
- Inkjet printing
- Medical Application

Technical Information

| | | | |
|-------------------------|-------------------------|---------------------|---------------------------------|
| Housing and motor shaft | 304 Stainless Steel | Motor Type | 24V Brushless DC Dual Direction |
| Gears and Bushing | Carbon Fiber PEEK | Max Speed | 3000 RPM |
| Seals | Carbon /Silicon Carbide | Max Output Power | 80W |
| Elastomers | EPDM (FDA,NSF Approved) | Max. Input Current | 4A |
| Ports | G 1/8" | Motor IP Protection | IP41 |
| Unit Weight | 2.05 lbs. (0.93 kg) | Insulation Class | B |
| | | Speed Control | 0-5V (needs controller) |

Operating Range

| | | | |
|----------------------|-----------------------|---------------------------------------|-------------------------------|
| Max. Fluid Viscosity | 20,000 Centipoise [2] | Fluid Temperature | -4° to 194 °F (-20° to 90 °C) |
| Max. Sound Level | 60 dBA | Max Static Pressure | 130 PSI (9 bar) |
| Max Vacuum Dry | 3.3 ft (1M) | Max Discharge Pressure (Intermittent) | 250 PSI (17 bar) |
| Max Vacuum Wet | 6 ft (2M) | Max Discharge Pressure (Continuous) | 90 PSI (6 bar) |



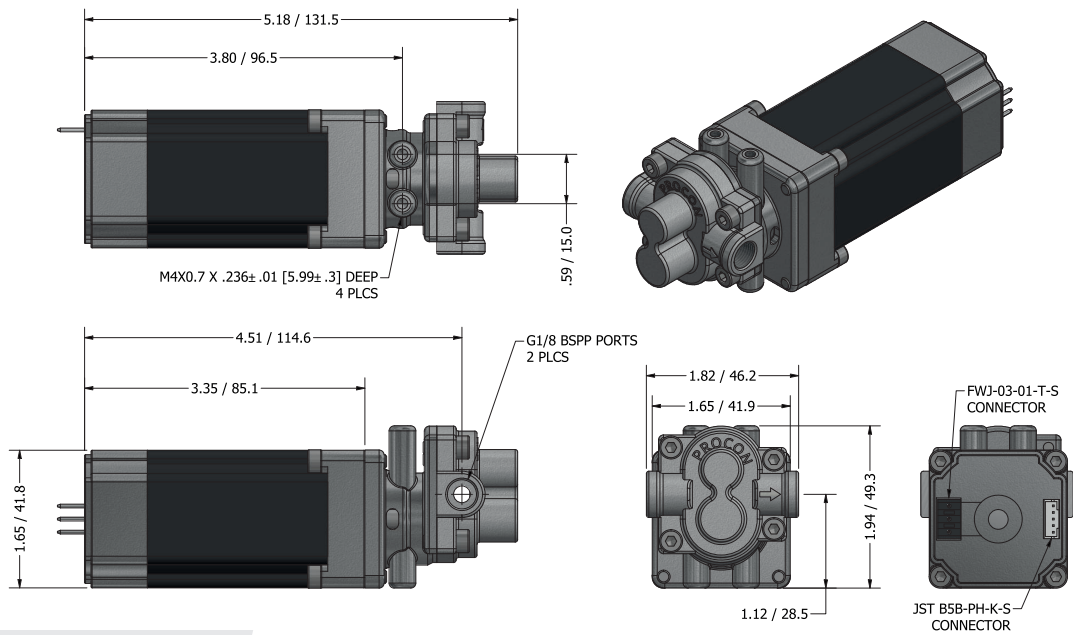
RoHS



NOTES:

- [1] Consult with manufacturer for extreme operating conditions
- [2] Consult with manufacturer for information on other applications
- [3] For certificate of compliance or declarations please visit our website or email at productcompliance@proconpump.com

DIMENSION AND CONNECTION DETAILS



NOTE: Dimensions are in inches/millimeters

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