



### 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 brushed motor
- Self-priming and maintenance free with low vibration and pulsation characteristics
- Stainless steel housing works with acidity > 2 pH<sup>1</sup>
- Suitable for higher load and pressure applications; less wear and compact size
- Higher gear contact area; smoother and quieter operation

### General Applications

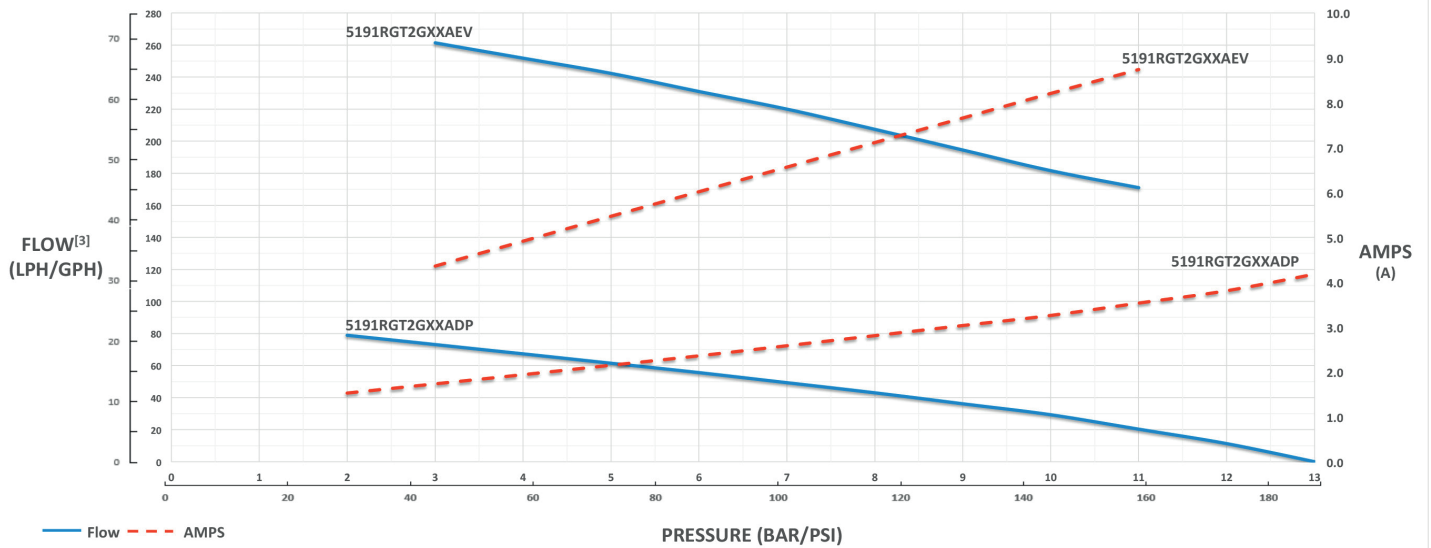
- Milk Frothing
- Espresso/Coffee
- Misting Systems
- Syrup Dispensing
- Boiler Feeds
- Ink Dispensing
- Temperature Control
- Syrup Dispensing
- Detergent Dispensing
- Inkjet printing
- Medical Application

### Technical Information

Housing and motor shaft	304 Stainless Steel	Motor Type	24V Brushless DC
Gears and Bushing	Carbon Fiber PEEK	Max Speed (5191RGT2GXXAEV)	7,500 RPM
Seals	Carbon / Silicon Carbide	Max Speed (5191RGT2GXXADP)	4,500 RPM
Elastomers	EPDM (FDA,NSF Approved)	Max Output Power	30W
Ports	G 1/8"	Max. Input Current	3.0A
Unit Weight	0.9kg (2 lbs.)	Motor IP Protection	IP44
		Insulation Class	F

### Operating Range

Max. Fluid Viscosity	20,000 Centipoise <sup>[2]</sup>	Fluid Temperature	95°C (203°F)
Max Vacuum Dry	1 M (3.3 ft)	Max Static Pressure	20 bar (290 PSI)
Max Vacuum Wet	8 M (26.25 ft)		

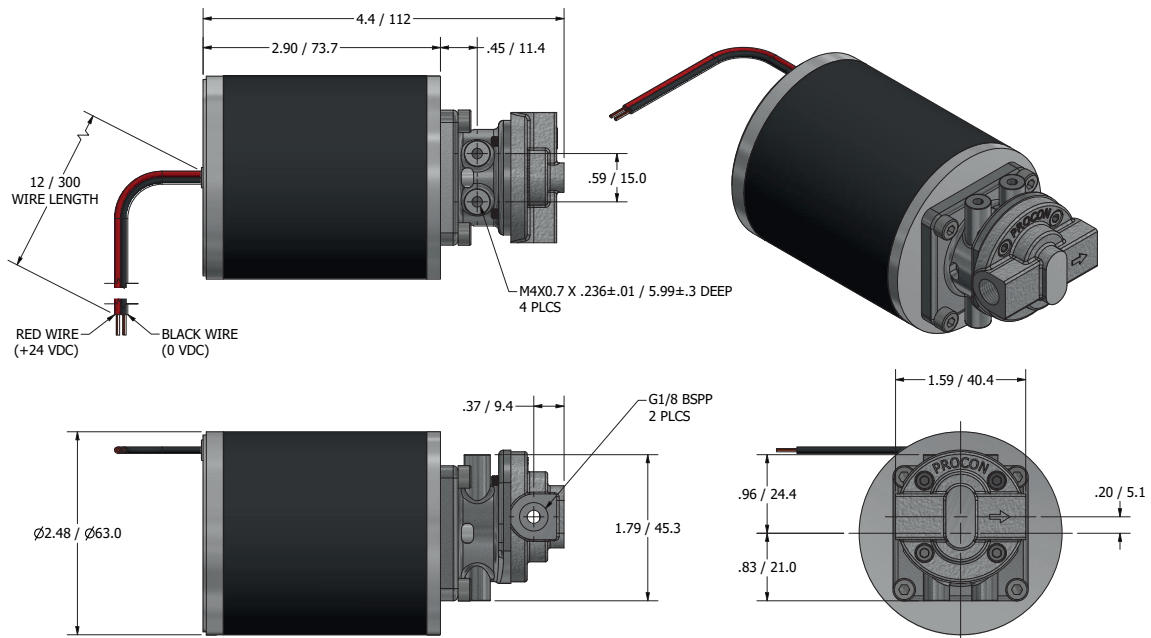


**RoHS**



- NOTES:  
 [1] Consult with manufacturer for extreme operating conditions  
 [2] Flow may vary with viscosity  
 [3] Flow curve based on pump tested with water at room temperature

**DIMENSION AND CONNECTION DETAILS**



NOTE: Dimensions are in inches/millimeters