

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 >^[1] pH

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

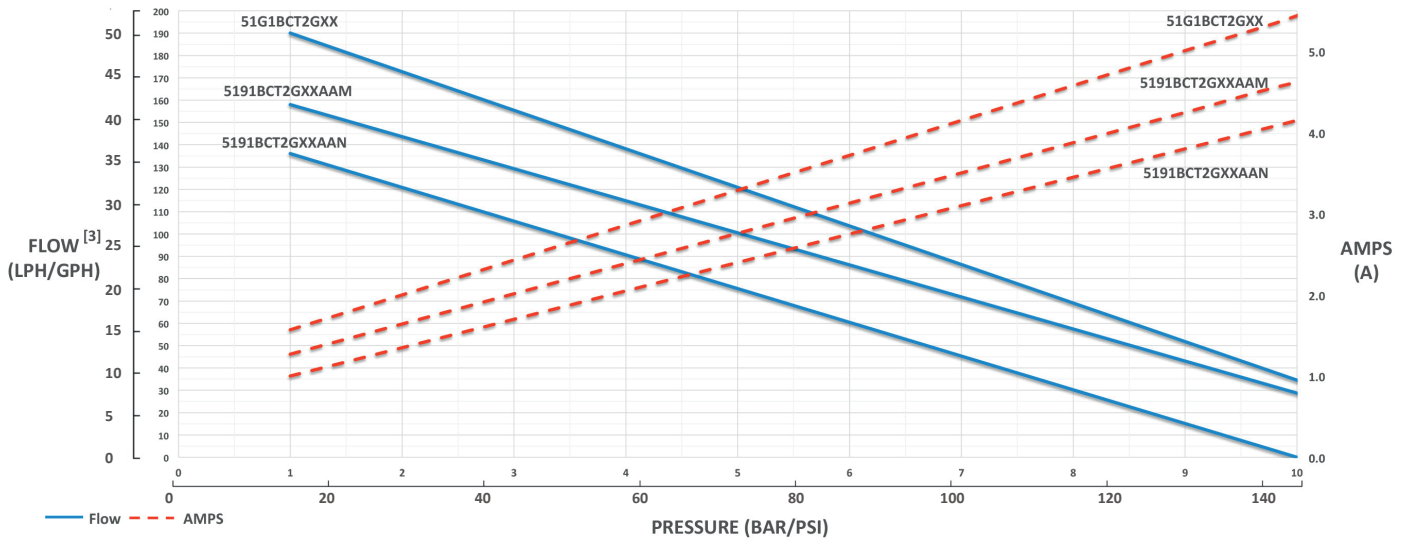
Housing and motor shaft	304 Stainless Steel	Motor Type	24V Brushed DC
Gears and Bushing	Carbon Fiber PEEK	Motor IP Protection	IP 20
Seals	Carbon / Silicon Carbide	Insulation Class	F
Elastomers	EPDM or Fluorocarbon	Unit Weight	0.97 kg (2.13 lbs.)
Ports	G 1/8"		

Motor Information

Pump Code	Max Speed	Max Output Power	Max. Input Current	Wire Connection
5191BCT2GXXAAN	3,400 RPM	40 W	3.0 A	C
5191BCT2GXXAAM	3,440 RPM	50 W	3.0 A	B
51G1BCT2GXX	4,000 RPM	60 W	4.1 A	A

Operating Range

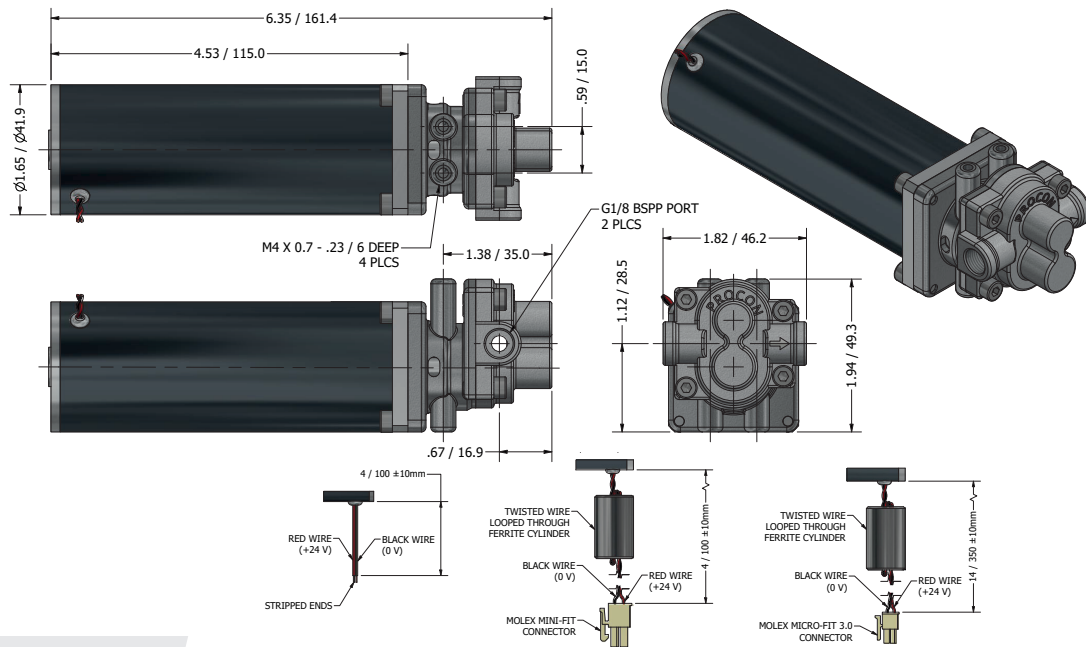
Max. Fluid Viscosity ^[2]	20,000 Centipoise	Fluid Temperature	-20° to 80°C (-4° to 176°F)
Max. Sound Level	60 dBA	Max Static Pressure	9 bar (130 PSI)
Max Vacuum Dry	1M (3.3 ft)	Max Discharge Pressure (Intermittent)	17 bar (250 PSI)
Max Vacuum Wet	2M (6 ft)	Max Discharge Pressure (Continuous)	6 bar (90 PSI)



NOTES:

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

Wire Connection "A" Det. Wire Connection "B" Deta Wire Connection "C" Detail