



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
- Available without an Internal Relief valve, with a set range of 1 to 4 Bar (14 to 60 PSI)

General Applications

Milk Frothing
Espresso/Coffee
Syrup Dispensing
Ink Dispensing
Syrup Dispensing
Detergent Dispensing
Medical Application

Technical Information

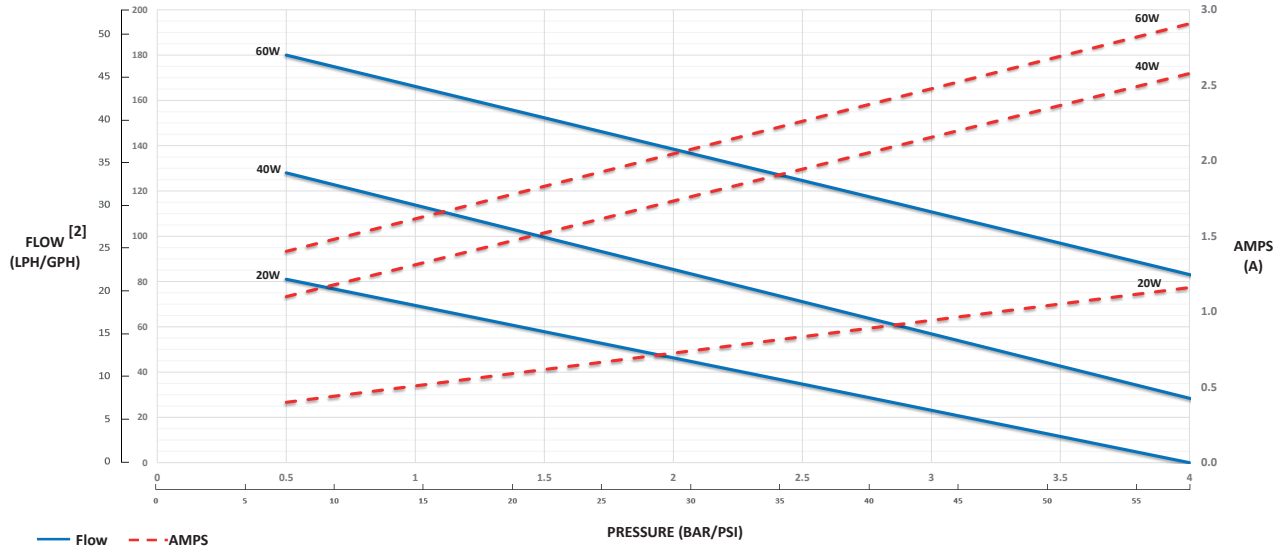
Housing and motor shaft	PPS Glass filled / 304 Stainless Steel	Valve Material	Teflon
Gears and Bushing	Carbon Fiber PEEK	Motor Type	24V Brushed DC
Seals	Carbon /Silicon Carbide	Motor IP Protection	IP 20 or IP 55
Elastomers	EPDM or Fluorocarbon	Insulation Class	F
Ports	G 1/8"	Unit Weight	0.68 kg (1.5 lbs.)

Motor Information

Pump Code	Max Output Power	Max Speed	Max. Input Current	IP Protection	Wire Connection	Relief Valve
5191HCT2GXAAJ	20W	1,900 RPM	2.1 A	IP 20	B	NO
5191LCT2GXAAJ	20W	1,900 RPM	2.1 A	IP 20	B	YES
5191HCT2GXAAK	40W	3,400 RPM	3.0 A	IP 20	A	NO
5191LCT2GXAAK	40W	3,400 RPM	3.0 A	IP 20	A	YES
5191HCT2GXAAP	40W	3,400 RPM	3.0 A	IP 55	A	NO
5191LCT2GXAAP	40W	3,400 RPM	3.0 A	IP 55	A	YES
51J1HCT2GXX	60W	4,000 RPM	4.1 A	IP 20	A	NO
51J1LCT2GXX	60W	4,000 RPM	4.1 A	IP 20	A	YES
5191HCT2GXAAAS	60W	4,000 RPM	4.1 A	IP 55	A	NO
5191LCT2GXAAAS	60W	4,000 RPM	4.1 A	IP 55	A	YES

Operating Range

Max. Fluid Viscosity ^[1]	20,000 Centipoise	Fluid Temperature	-20° to 80°C (-4° to 176°F)
Max. Sound Level	60 dBA	Max Static Pressure	4 bar (60 PSI)
Max Vacuum Dry	1M (3.3 ft)	Max Discharge Pressure (Intermittent)	6 bar (90 PSI)
Max Vacuum Wet	2M (6 ft)	Max Discharge Pressure (Continuous)	3 bar (45 PSI)



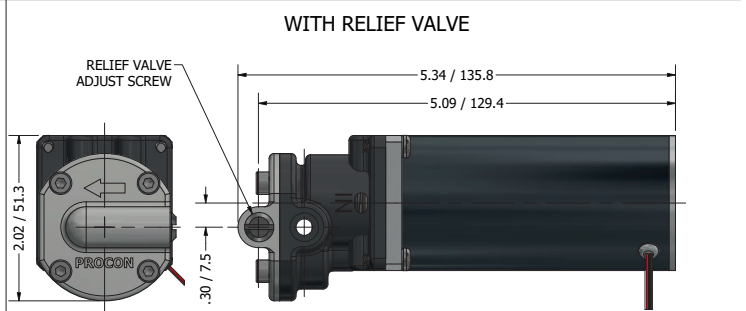
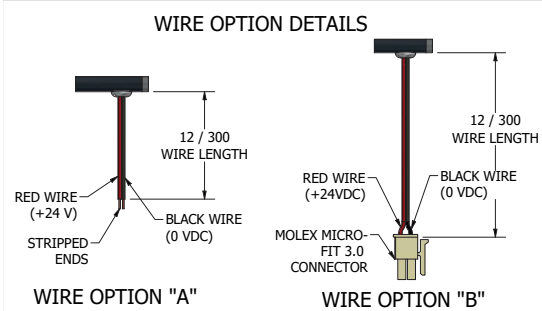
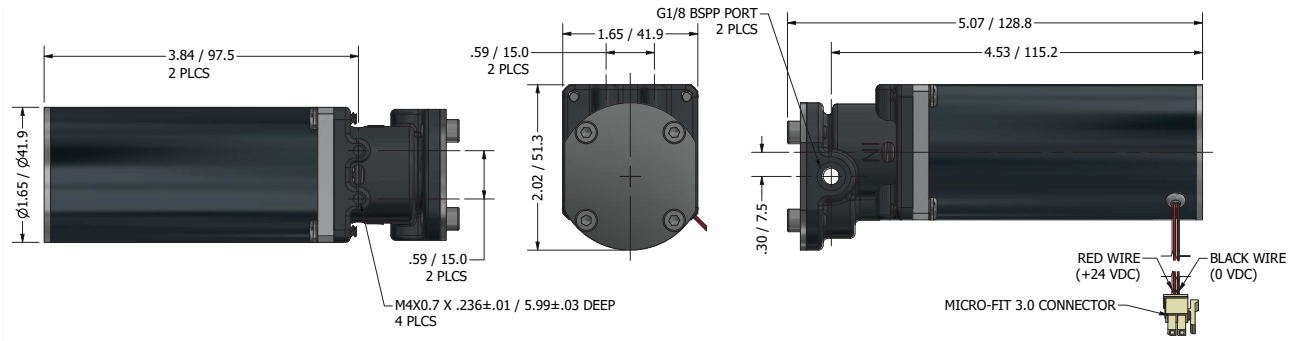
RoHS



NOTES:

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