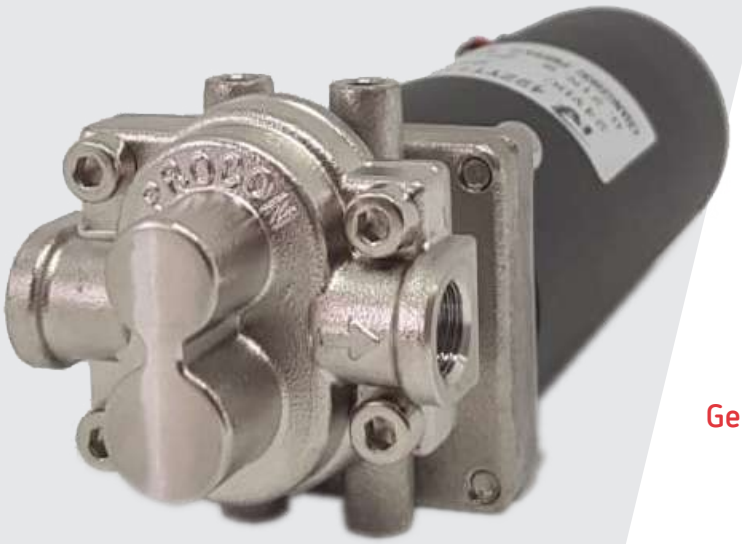
mGPRO 10
MICRO GEAR PUMP WITH BRUSHED DC MOTOR

5191BCT2GXXAAN
5191BCT2GXXAAM
51G1BCT2GXX



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[1]

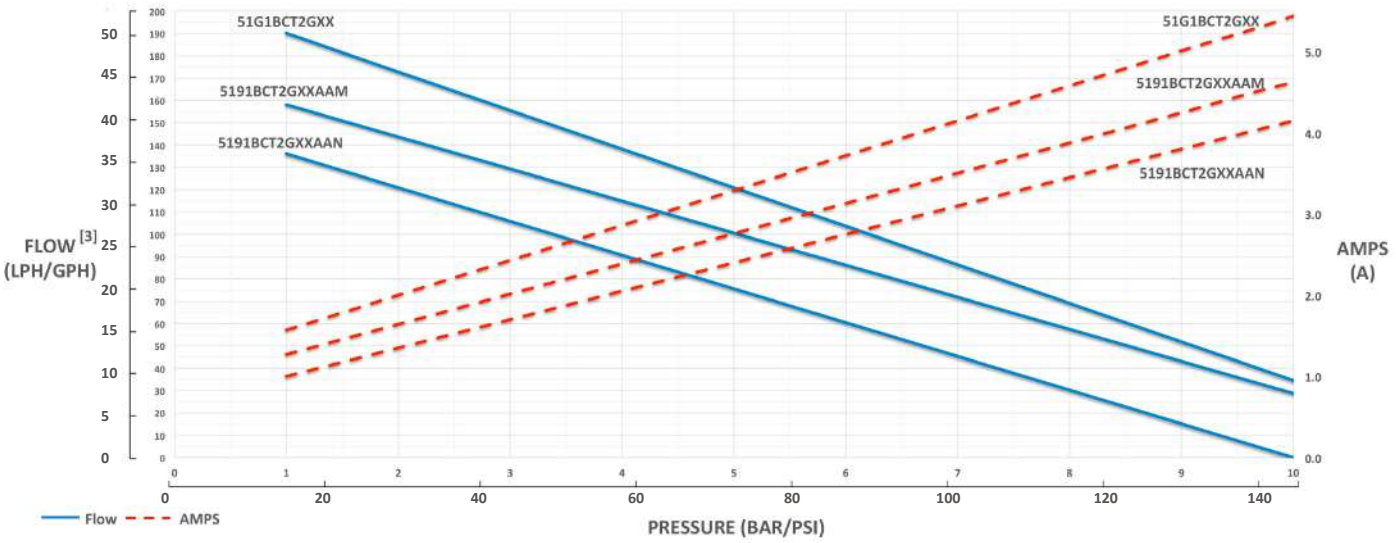
General Applications

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"		

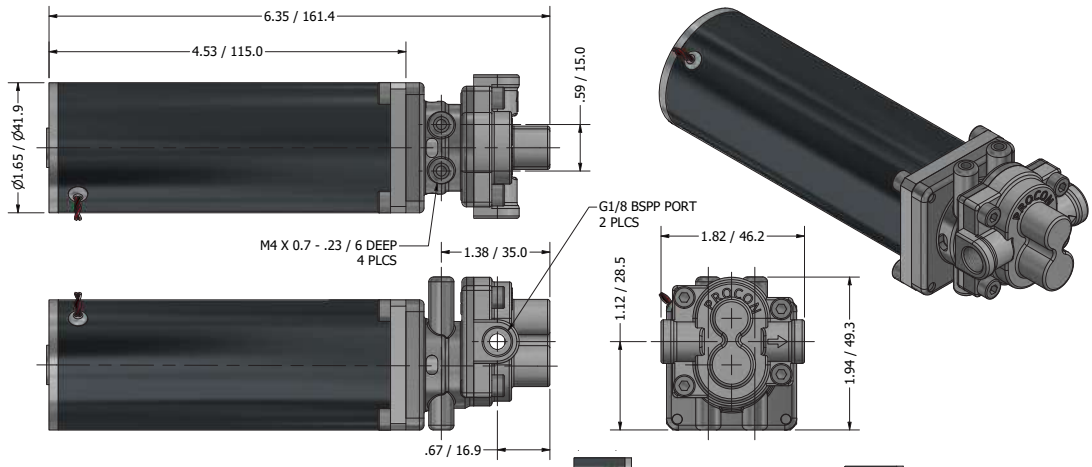
Motor Information				
Pump Code	Max Speed	Max Output Power	Max. Input Current	Wire Connection
5191BCT2GXXAAN	3,400 RPM	40 W	3.0 A	C
5191BCT2GXXAAM	3,440 RPM	50 W	3.0 A	B
51G1BCT2GXX	4,000 RPM	60 W	4.1 A	A

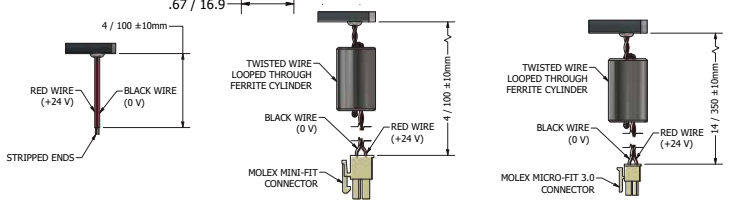
Operating Range			
Max. Fluid Viscosity [2]	20,000 Centipoise	Fluid Temperature	-20° to 80°C (-4° to 176°F)
Max. Sound Level	60 dBA	Max Static Pressure	9 bar (130 PSI)
Max Vacuum Dry	1M (3.3 ft)	Max Discharge Pressure (Intermittent)	17 bar (250 PSI)
Max Vacuum Wet	2M (6 ft)	Max Discharge Pressure (Continuous)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

AMER
4600 NW Camas Meadows,
Suite 200
Camas, WA 98607
+1 360-253-200
MVPSales@cemegroup.com

EMEA
Irishtown, Mountmellick, CO.
Laois, Republic of Ireland
00353.57.86.24350
EUSales@cemegroup.com

APAC
Room 2730, 27F, The Crest 500
West YanAn Road, Changning,
Shanghai P.R.C
+86 18621892131
sara.chen@cemegroup.com