mGPRO 4c

MICRO GEAR PUMP LOW PRESSURE WITH COMPACT BRUSHED MOTOR

5191FCT2GXXACX
5191GCT2GXXACX



General Applications

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

Features and Benefits

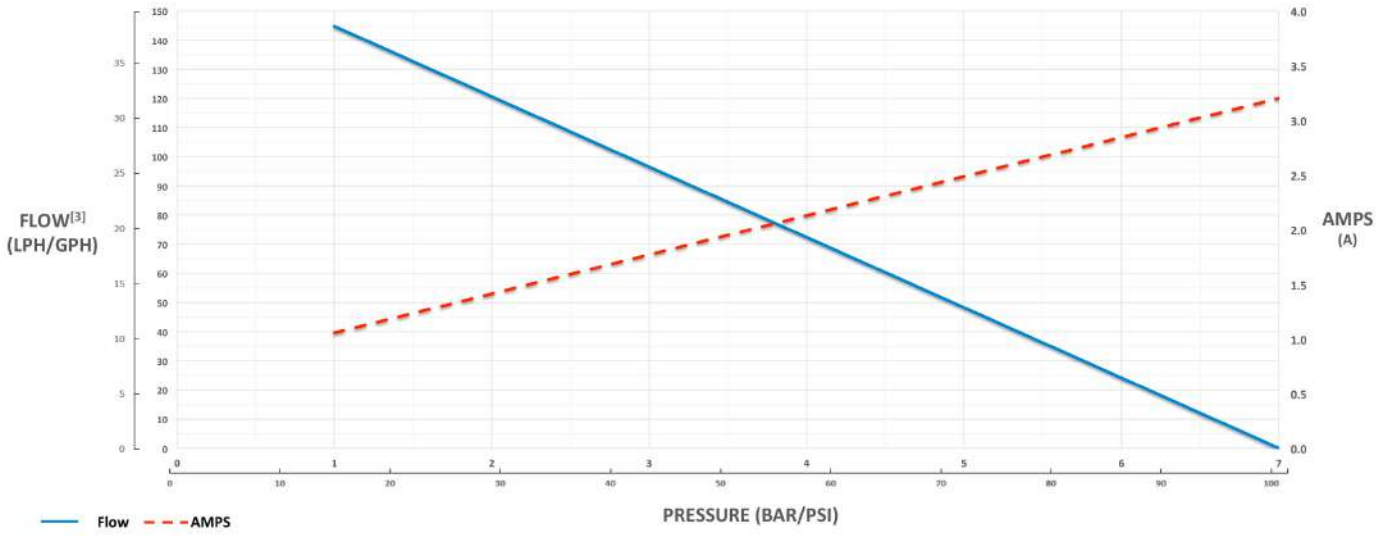
- Self priming (water) and maintenance free with low vibration and pulsation characteristics
- Innovative mechanical seal design requires less sanitizing
- Positive Displacement Gear Pump with 24VDC brushed motor
- Self-priming and maintenance free with low vibration and pulsation characteristics
- Stainless Steel housing works with acidity > 2 pH [1]
- Available without an Internal Relief valve, with a set range of 1 to 4 Bar (14 to 60 PSI)

Technical Information			
Housing and motor shaft	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
Elastomers	EPDM (FDA,NSF Approved), Fluorocarbon	Insulation Class	F
Ports	G 1/8"	Unit Weight	0.8 kg (1.76 lbs.)

Motor Performance				
	Max Output Power	Max Speed	Max. Input Current	Relief Valve
5191FCT2GXXACX	30W	3,000 RPM	2.6 A	No
5191GCT2GXXACX	30W	3,000 RPM	2.6 A	Yes

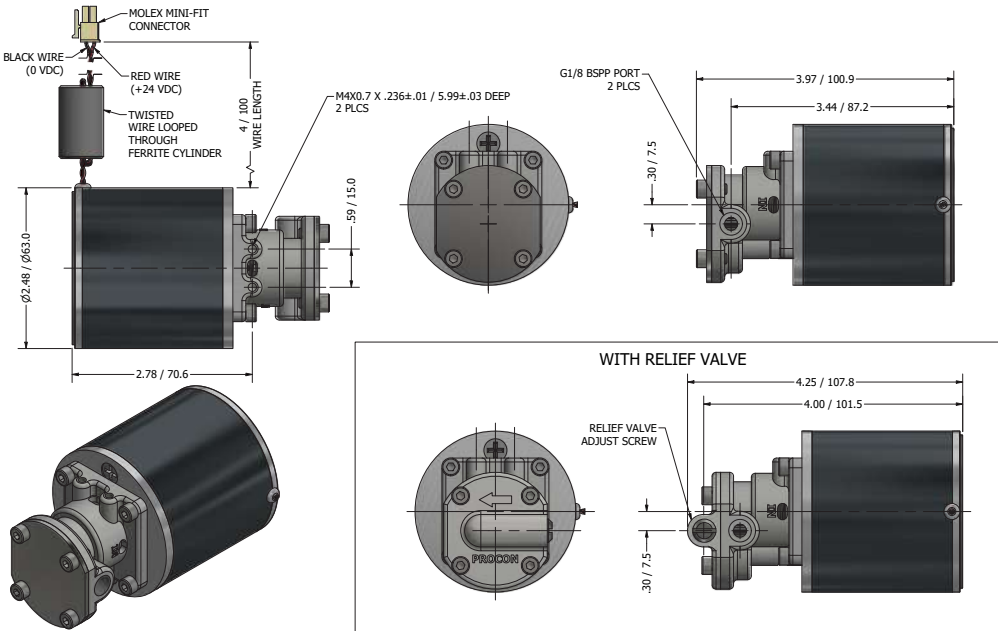
Operating Range			
Max. Fluid Viscocity	20,000 Centipoise [2]	Fluid Temperature	-20° to 80°C (-4° to 176°F)
Max. Sound Level	60 dBA	Max Static Pressure	4 bar (60 PSI)
Max Vacuum Dry	1M (3.3 ft)	Max Discharge Pressure (Intermittent)	6 bar (90 PSI)
Max Vacuum Wet	2M (6 ft)	Max Discharge Pressure (Continuous)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

mGPRO 4c PERFORMANCE



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

AMER
4600 NW Camas Meadows,
Suite 200
Camas, WA 98607
+1 360-253-2008
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