mGPRO C4Bwc

MICRO GEAR PUMP LOW PRESSURE (4 BAR) COMPOSITE WITH BRUSHLESS MOTOR & CONTROLLER

5191HCT2GXXBAA
5191LCT2GXXBAA



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 brushless motor with built in controller
- 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

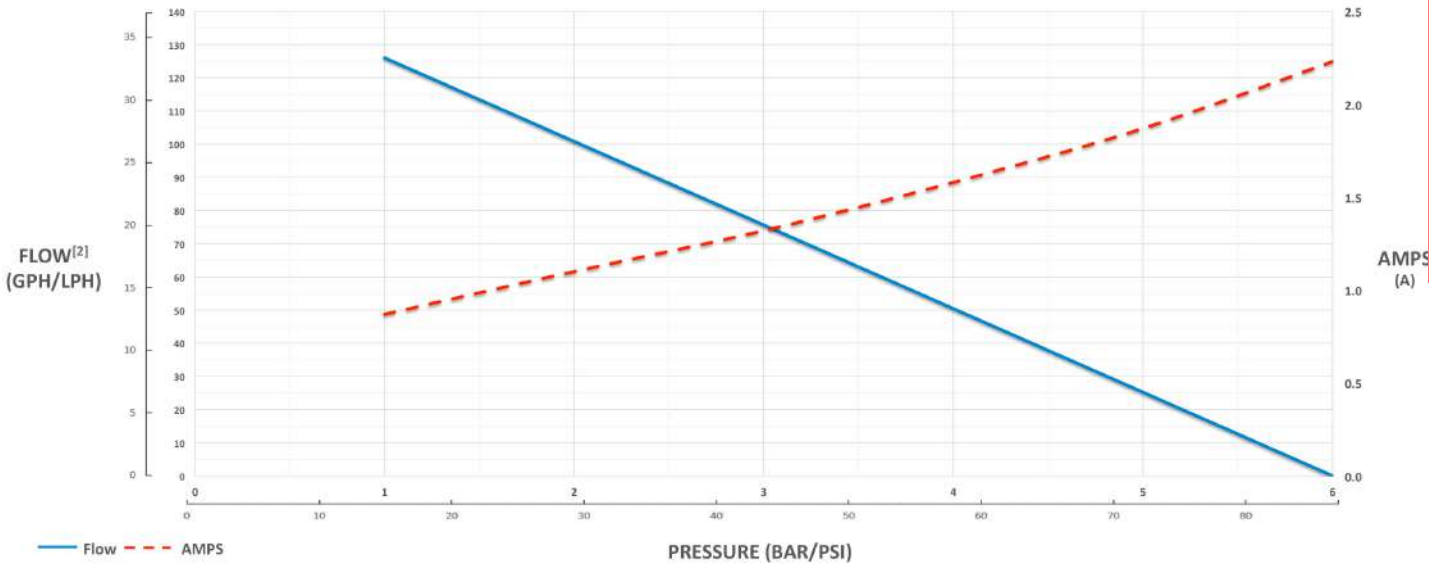
Milk Frothing
Espresso / Coffee
Syrup Dispensing
Ink Dispensing
Syrup Dispensing
Detergent Dispensing
Medical Application

Technical Information			
Housing and motor shaft	Glass filled PPS / 304 Stainless Steel	Motor Type	24V Brushless DC with control
Gears and Bushing	Carbon Fiber PEEK	Motor IP Protection	IP 20
Seals	Carbon / Silicon Carbide	Insulation Class	B
Elastomers	EPDM (FDA,NSF Approved), Fluorocarbon	Speed Control	Manual adjust speed pot
Ports	G 1/8"	Unit Weight	0.75 kg (1.65 lbs.)
Valve Material	Teflon		

Motor Performance				
	Max Output Power	Max Speed	Max. Input Current	Relief Valve
5191FCT2GXXBAA	34 W	3,300 RPM	1.6 A	No
5191GCT2GXXBAA	34 W	3,300 RPM	1.6 A	Yes

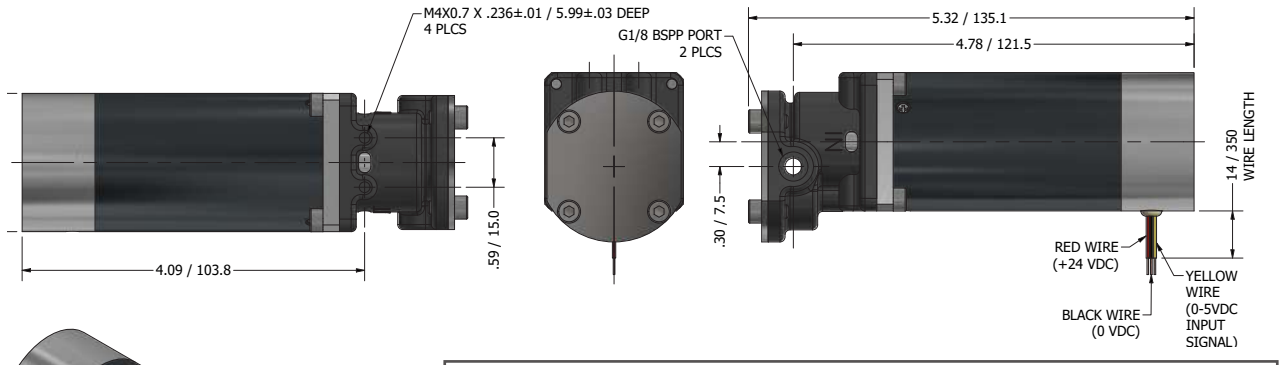
Operating Range			
Max. Fluid Viscocity	20,000 Centipoise [1]	Fluid Temperature	-20° to 80°C (-4° to 176°F)
Max. Sound Level	60 dBA	Max Static Pressure	4 bar (60 PSI)
Max Vacuum Dry	1M (3.3 ft)	Max Discharge Pressure (Intermittent)	6 bar (90 PSI)
Max Vacuum Wet	2M (6 ft)	Max Discharge Pressure (Continuous)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

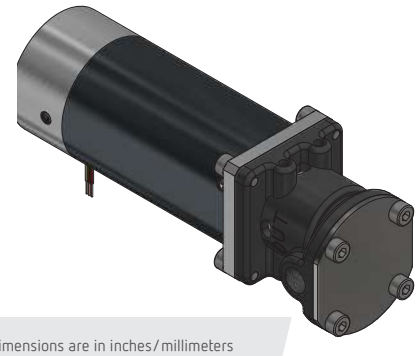
mGPRO C4Bwc PERFORMANCE

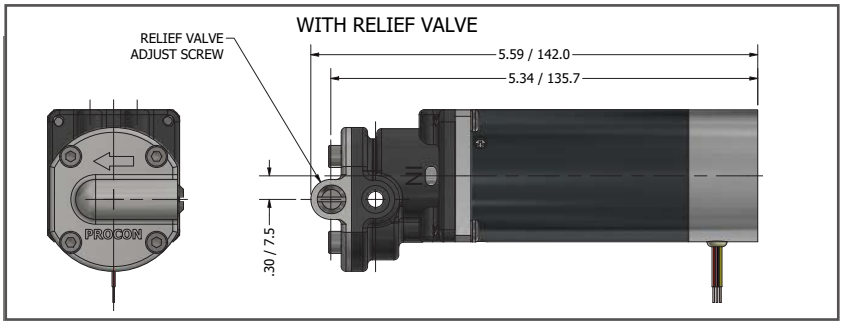


NOTES:
[1] Flow may vary with viscosity
[2] Performance based on pump tested with water at room temperature & at full speed

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