mGPRO 4

MICRO GEAR PUMP LOW PRESSURE (4BAR) WITH BRUSHED MOTOR



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)

General Applications

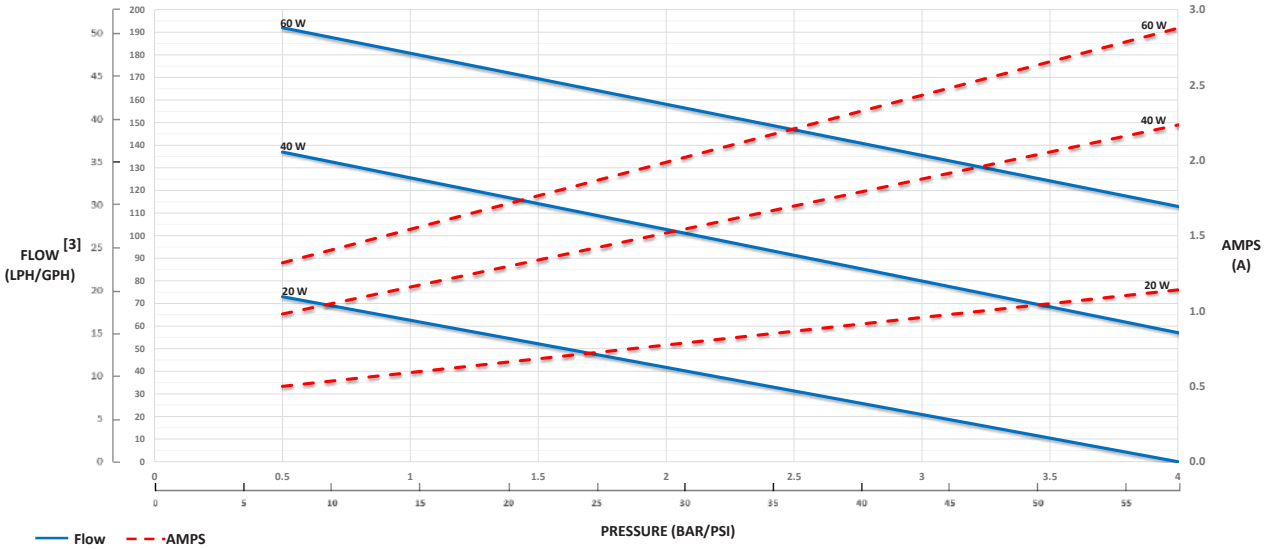
Milk Frothing
Espresso / Coffee
Syrup Dispensing
Ink Dispensing
Syrup Dispensing
Detergent Dispensing
Medical Application

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 or IP 55
Elastomers	EPDM (FDA,NSF Approved), Fluorocarbon	Insulation Class	F
Ports	G 1/8"	Unit Weight	0.79 kg (1.74 lbs.)

Motor Information						
	Max Output Power	Max Speed	Max. Input Current	IP Protection	Wire Connection	Relief Valve
5191FCT2GXXAAJ	20W	1,900 RPM	2.1 A	IP 20	B	NO
5191GCT2GXXAAJ	20W	1,900 RPM	2.1 A	IP 20	B	YES
5191FCT2GXXAAK	40W	3,400 RPM	3.0 A	IP 20	A	NO
5191GCT2GXXAAK	40W	3,400 RPM	3.0 A	IP 20	A	YES
5191FCT2GXXAAP	40W	3,400 RPM	3.0 A	IP 55	A	NO
5191GCT2GXXAAP	40W	3,400 RPM	3.0 A	IP 55	A	YES
51J1FCT2GXX	60W	4,000 RPM	4.1 A	IP 20	A	NO
51J1GCT2GXX	60W	4,000 RPM	4.1 A	IP 20	A	YES
5191FCT2GXXAAS	60W	4,000 RPM	4.1 A	IP 55	A	NO
5191GCT2GXXAAS	60W	4,000 RPM	4.1 A	IP 55	A	YES

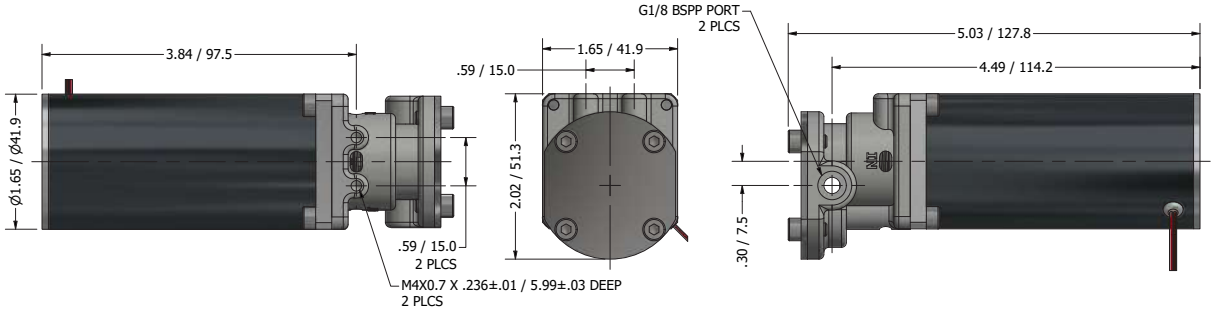
Operating Range			
Max. Fluid Viscocity [2]	20,000 Centipoise	Fluid Temperature	-20° to 80°C (-4° to 176°F)
Max. Sound Level	60 dBA	Max Static Pressure	4 bar (60 PSI)
Max Vacuum Dry	1M (3.3 ft)	Max Discharge Pressure (Intermittent)	6 bar (90 PSI)
Max Vacuum Wet	2M (6 ft)	Max Discharge Pressure (Continuous)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

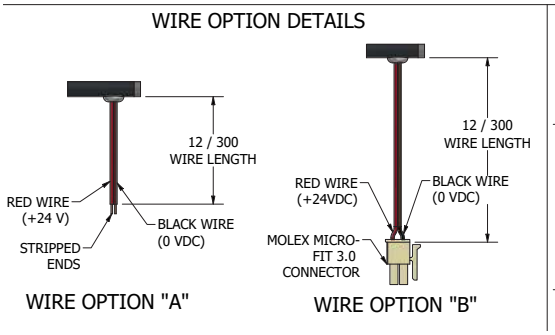
mGPRO 4 PERFORMANCE

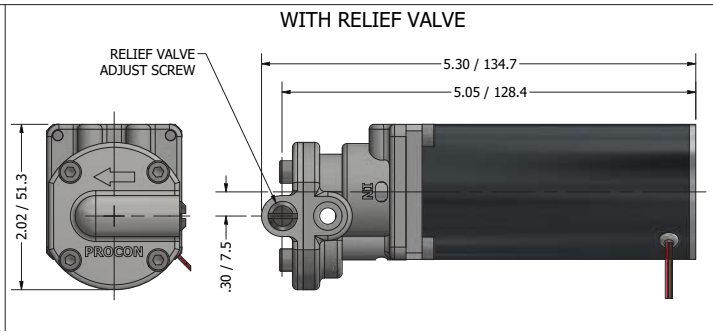


NOTES:
[1] Consult with manufacturer for extreme operating conditions
[2] Flow may vary with viscosity
[3] Performance based on pump tested with water at room temperature
For certificate of compliance or declarations please visit our website or email at productcompliance@proconpump.com

DIMENSION AND CONNECTION DETAILS







NOTE: Dimensions are in inches/millimeters

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