# mGPRO C4

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

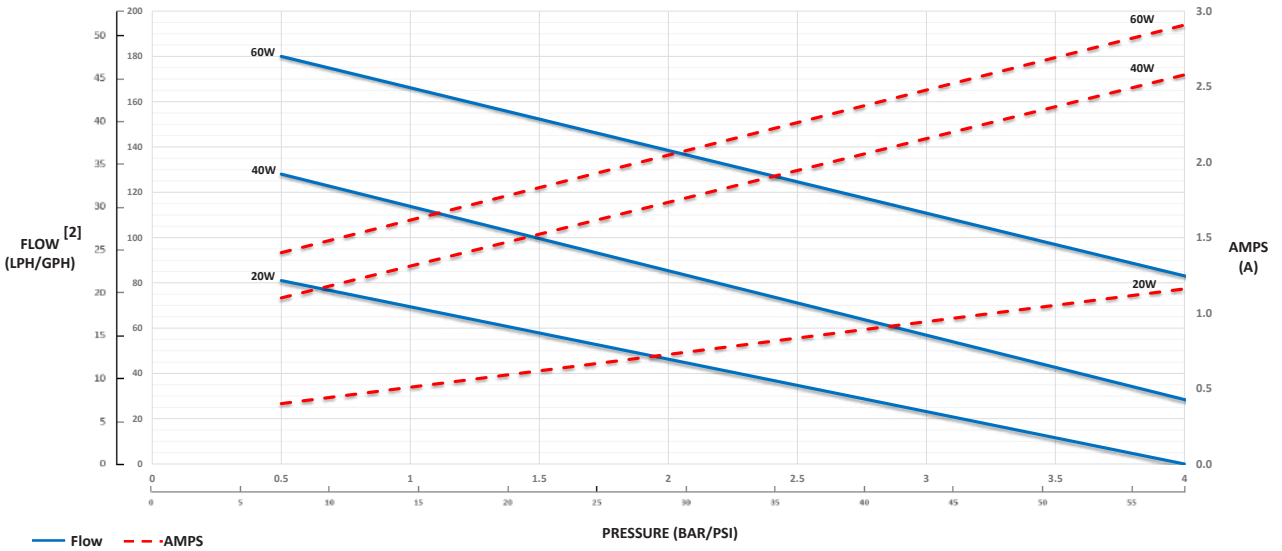
## General Applications

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.) |

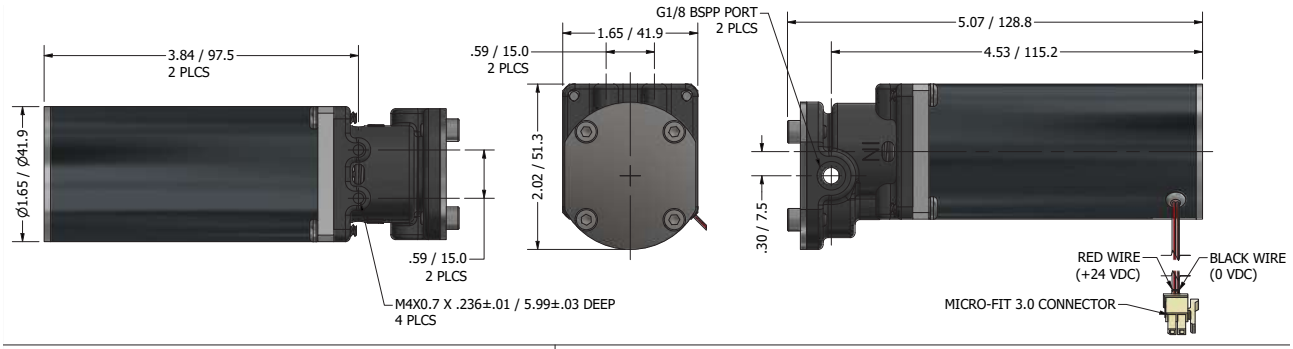
| Motor Information | | | | | | |
|---|---|---|---|---|---|---|
| Pump Code | Max Output Power | Max Speed | Max. Input Current | IP Protection | Wire Connection | Relief Valve |
| 5191HCT2GXXAAJ | 20W | 1,900 RPM | 2.1 A | IP 20 | B | NO |
| 5191LCT2GXXAAJ | 20W | 1,900 RPM | 2.1 A | IP 20 | B | YES |
| 5191HCT2GXXAAK | 40W | 3,400 RPM | 3.0 A | IP 20 | A | NO |
| 5191LCT2GXXAAK | 40W | 3,400 RPM | 3.0 A | IP 20 | A | YES |
| 5191HCT2GXXAAP | 40W | 3,400 RPM | 3.0 A | IP 55 | A | NO |
| 5191LCT2GXXAAP | 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 |
| 5191HCT2GXXAAS | 60W | 4,000 RPM | 4.1 A | IP 55 | A | NO |
| 5191LCT2GXXAAS | 60W | 4,000 RPM | 4.1 A | IP 55 | A | YES |

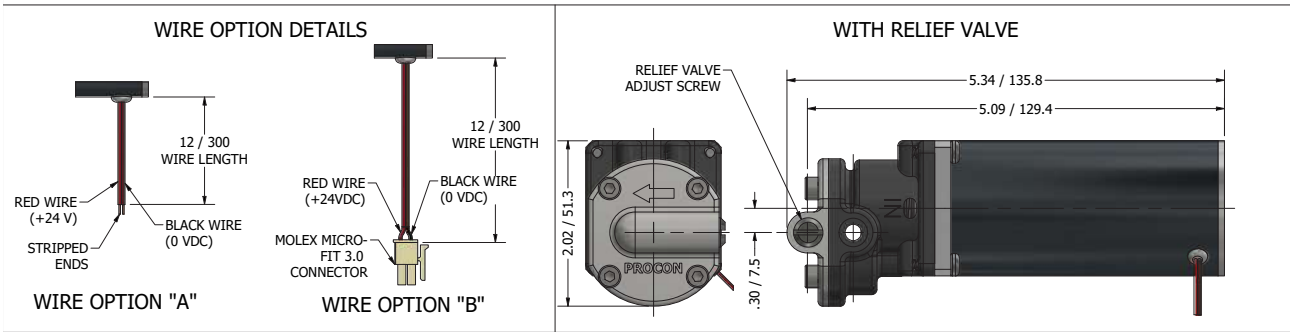
| Operating Range | | | |
|---|---|---|---|
| Max. Fluid Viscocity[1] | 20,000 Centipoise | Fluid Temperature | -20° to 80°C (-4° to 176°F) |
| Max. Sound Level | 60 dBA | Max Static Pressure | 4 bar (60 PSI) |
| Max Vacuum Dry | 1M (3.3 ft) | Max Discharge Pressure (Intermittent) | 6 bar (90 PSI) |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




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

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