

Features and Benefits

- Self priming (water) and maintenance free with low vibration and pulsation characteristics
- Innovative mechanical seal design requires less sanitizing and reduces the foot print of the pump compared with the conventional Magnetically coupled Gear pumps.
- Suitable for higher load and pressure applications; less wear and compact size
- Higher gear contact area; smoother and quieter operation

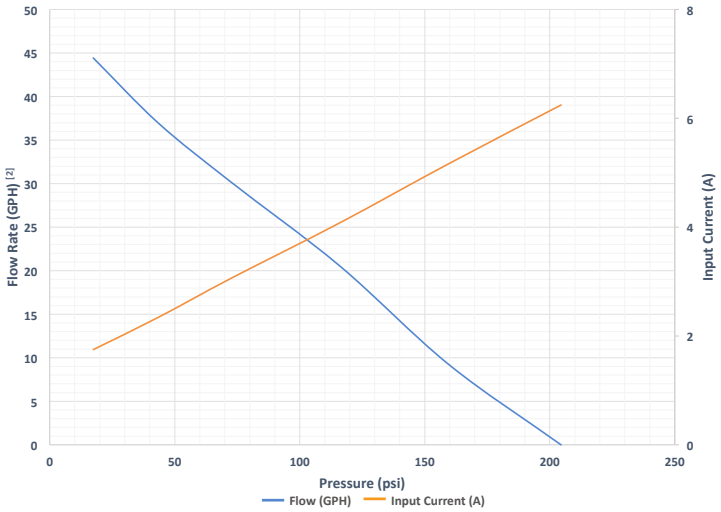
General Applications

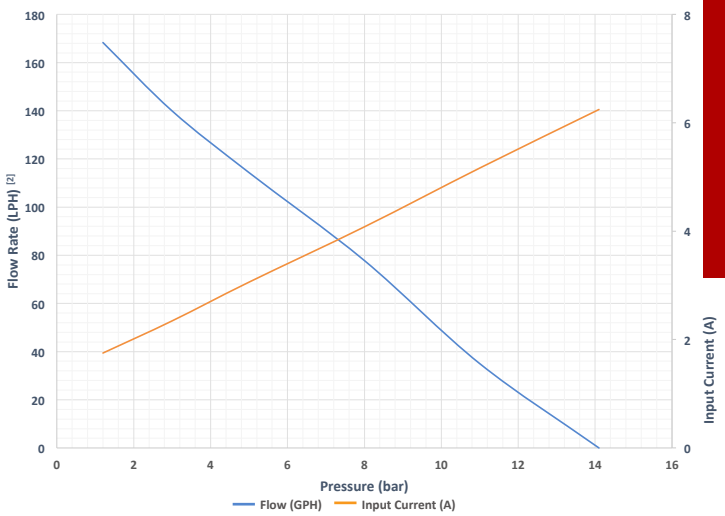
Milk Frothing
Espresso/Coffee
Misting Systems
Syrup Dispensing
Boiler Feeds
Ink Dispensing
Temperature Control
Syrup Dispensing
Detergent Dispensing
Inkjet printing
Medical Application

Technical Information			
Housing and motor shaft	304 Stainless Steel	Motor Type	24V Brushed DC
Gears and Bushing	Carbon Fiber PEEK	Max Speed	4,500 RPM
Elastomer	EPDM (FDA,NSF Approved)	Max Output Power	35 W
Ports	G 1/8" Thread	Motor IP Protection	IP40
Max Static Pressure	290 PSI (20 bar)	Insulation Class	F
Max Vacuum Dry	1 M (3.3 Ft)	Unit Weight	0.9kg (2 lbs.)
Max Vacuum Wet	8 M (26.25 Ft)		

Operating Range	
Max Ambient Temperature	70 °C (150 °F)
Fluid Temperature	95 °C (104 °F)
Max Fluid Viscosity	20,000 Centipoise [1]

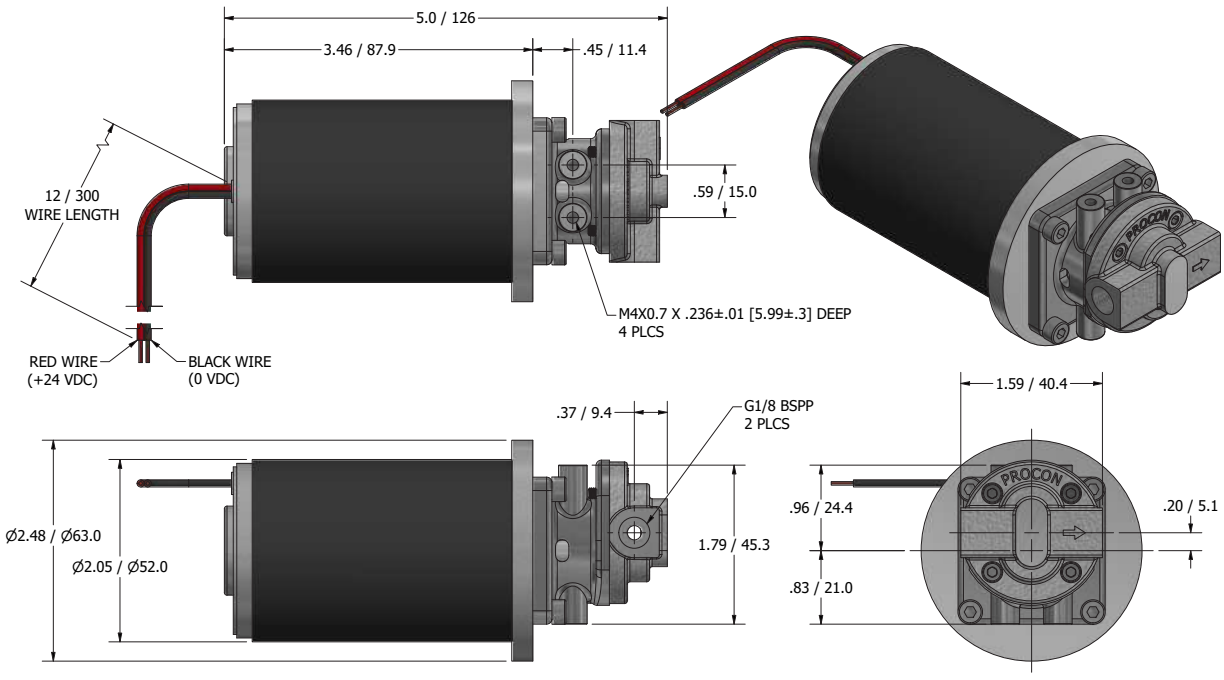
hGPRO 20x PERFORMANCE





NOTES:
[1] Flow may vary with viscosity
[2] Flow curve based on pump tested with water at room temperature

DIMENSION AND CONNECTION DETAILS



NOTE: Dimensions are in inches / millimeters

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