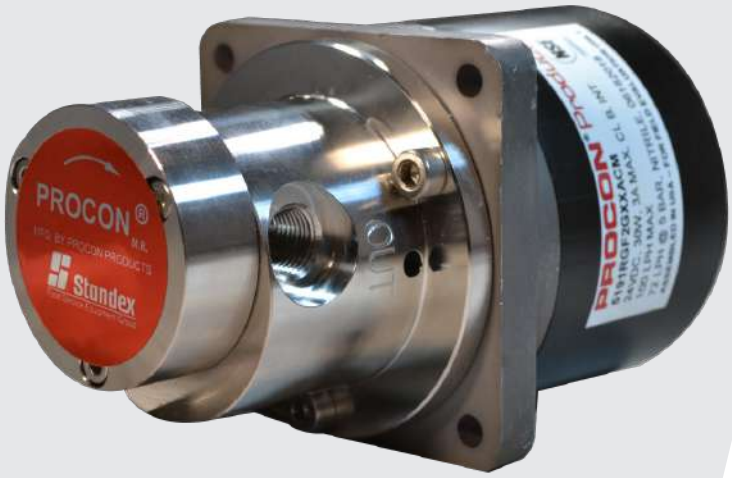


Features and Benefits

- Self priming (water) and maintenance free with low vibration and pulsation characteristics
- Works with thermal sanitization cycle / process; eliminates need for chemical based cleaning process
- 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

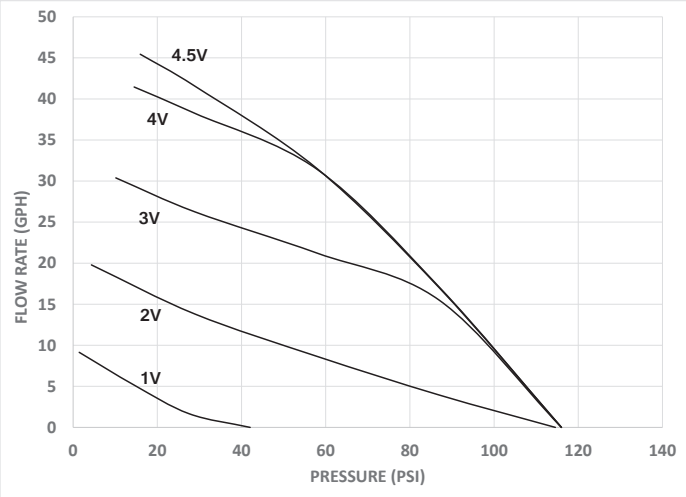
General Applications

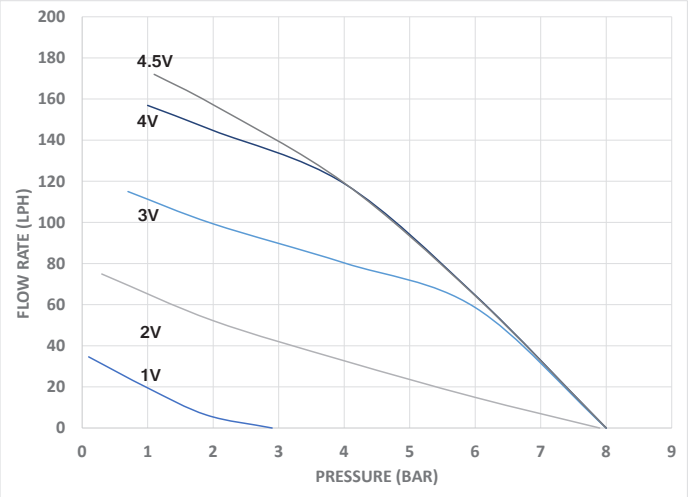
Milk Frothing
Espresso / Coffee
Misting Systems
Syrup Dispensing
Boiler Feeds
Ink Dispensing
Temperature Control
Syrup Dispensing
Detergent Dispensing
Inkjet printing
Medical Application

Technical Information			
Housing and motor shaft	304 Stainless Steel	Motor Type	24V Brushless DC
Gears and Bushing	Carbon Fiber PEEK	Max Speed	4,500 RPM
Elastomer	EPDM (FDA,NSF Approved)	Max Output Power	60W
Ports	G 1/8" Thread	Motor IP Protection	IP54
Max Static Pressure	20 Bar (290PSI)	Insulation Class	F
Max Vacuum Dry	1 M (3.3 Ft)	Speed Control	0-5V
Max Vacuum Wet	8 M (26.25 Ft)	Unit Weight	0.9kg (2 lbs.)

Operating Range			
Max Ambient Temperature	90°C(194°F)	70°C(150°F)	40°C(104°F)
Fluid Temperature	80°C(176°F)	60°C(140°F)	40°C(104°F)
Max Torque	35mNm(4.9 in-oz at 4500 rpm)	80mNm(11.3 in-oz at 3500 rpm)	110mNm(15.5 in-oz at 3500 rpm)
Min Ambient Temperature	-10°C (non water applications)		

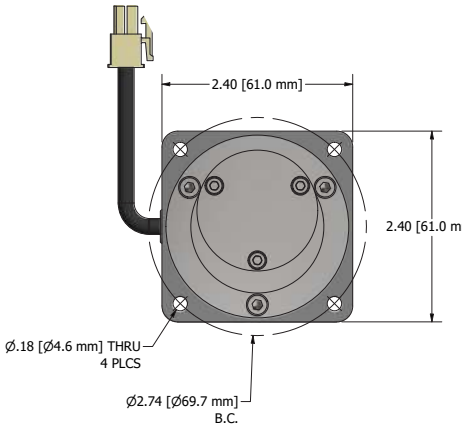
hGPRO 20B PERFORMANCE

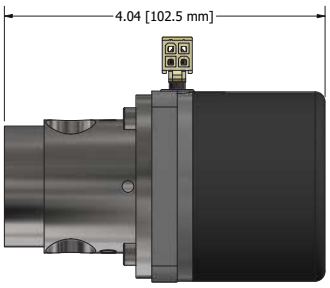


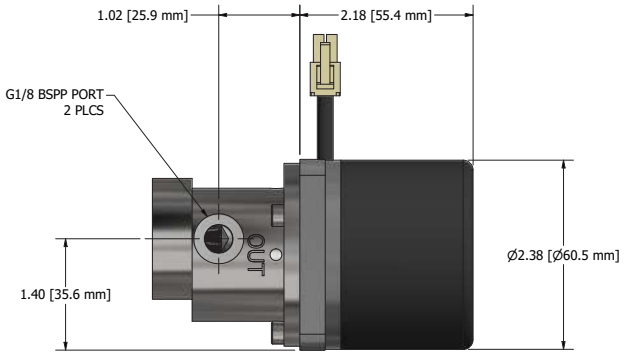


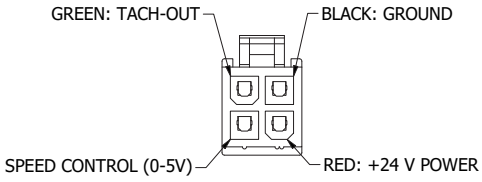
NSF RoHS CE TIFQ ISO 9001:2015

DIMENSION AND CONNECTION DETAILS









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