hGPRO 20C
HELICAL GEAR PUMP 30W COMPACT BRUSHED MOTOR

5191RGT2GXXADP
5191RGT2GXXAEV



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]
- Suitable for higher load and pressure applications; less wear and compact size
- Higher gear contact area; smoother and quieter operation Food

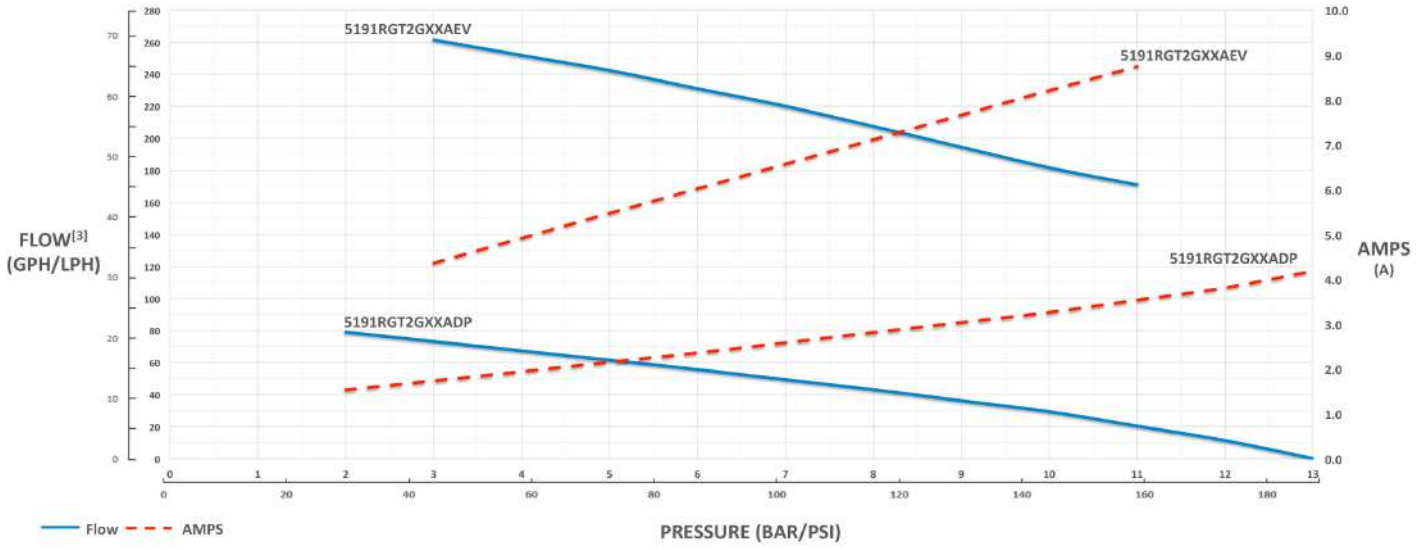
General Applications

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 (5191RGT2GXXAEV)	7,500 RPM
Seals	Carbon / Silicon Carbide	Max Speed (5191RGT2GXXADP)	4,500 RPM
Elastomers	EPDM (FDA,NSF Approved)	Max Output Power	30W
Ports	G 1/8"	Max. Input Current	3.0A
Unit Weight	0.9kg (2 lbs.)	Motor IP Protection	IP44
		Insulation Class	F

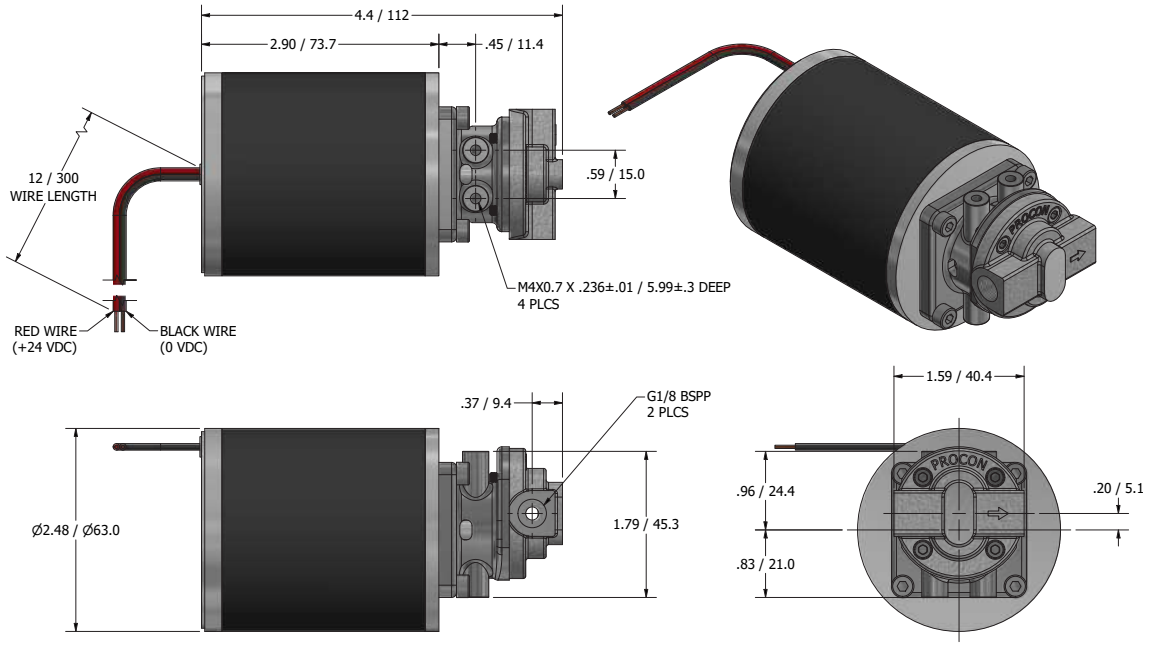
Operating Range			
Max. Fluid Viscosity	20,000 Centipoise [2]	Fluid Temperature	95°C (203°F)
Max Vacuum Dry	1 M (3.3 ft)	Max Static Pressure	20 bar (290 PSI)
Max Vacuum Wet	8 M (26.25 ft)		

hGPRO 20C PERFORMANCE



NOTES:
[1] Consult with manufacturer for extreme operating conditions
[2] Flow may vary with viscosity
[3] 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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