

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

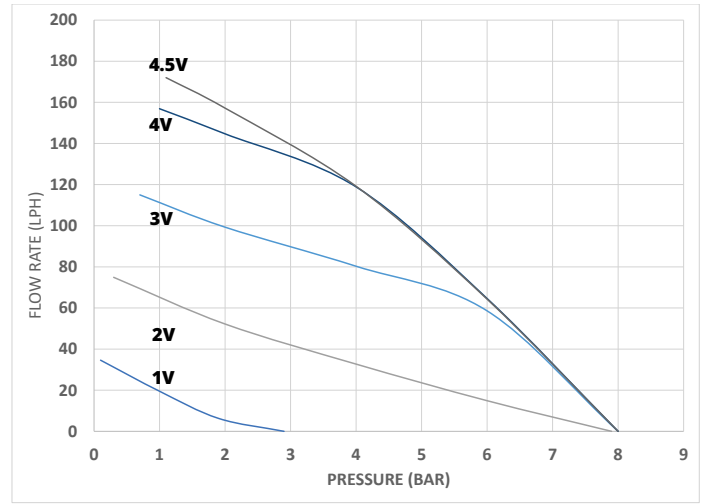
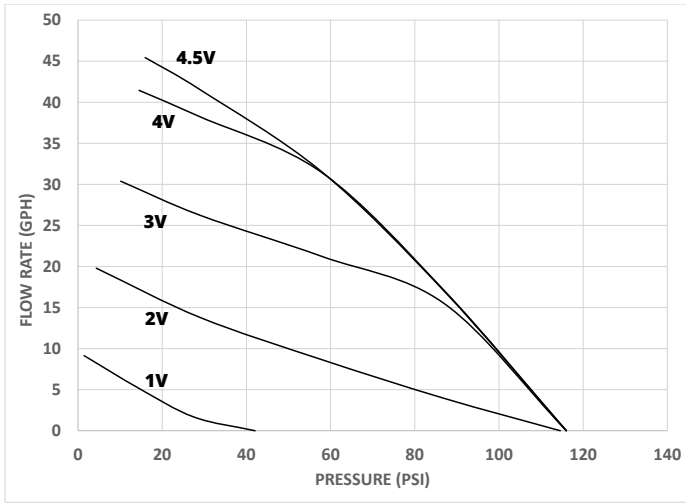
- Milk Frothing
- Espresso/Coffee
- Misting Systems
- Syrup Dispensing
- Boiler Feeds
- Ink Dispensing
- Temperature Control
- Syrup Dispensing
- Detergent Dispensing
- Inkjet printing
- Medical Application

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)		



DIMENSION AND CONNECTION DETAILS

