



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

