

Characteristics:

Controllable Flow Rate

Specifications:

Dimensions	: 1.1 X 2.4 X 1.1 in
Input Voltage	: 24.0 V DC
Rated Flow Rate 1	: 0.11 gal/min @ 11.60 psi
Rated Flow Rate 2	: 0.08 gal/min @ 17.40 psi
Max Flow Rate	: 0.15 gal/min @ 2.18 psi
Max Pressure	: 43.51 psi
Fluid Temperature Range	: 41 131 °F
Fluid Type	: water, detergent, high viscosity fluids
Maximum Efficiency	: 32 %
Maximum Efficiency of Motor	: 42 %
Flow Rate at Maximum Efficiency	: 0.08 gal/min
Noise Level	: 70 dBA
Noise Level Condition	: Noise probe located at 0.1m from pump body
Other Feature	: Self Prime Height: 20cm under flow rate of 560ml/min; Inlet & Outlet OD: 4.5mm ; Speed adjustable ; Reversible flow
Life (typical)	: 200 hr
Life Test Condition	: 15s ON / 15s OFF, cold water at 20°C @ 1.0bar
Weight	: 3 oz
Operation Temperature	: 36 122 °F
Storage Temperature	: -4 185 °F
Electrical Connection	: Connector Housing Terminal
Certification	: Option for FDA certification



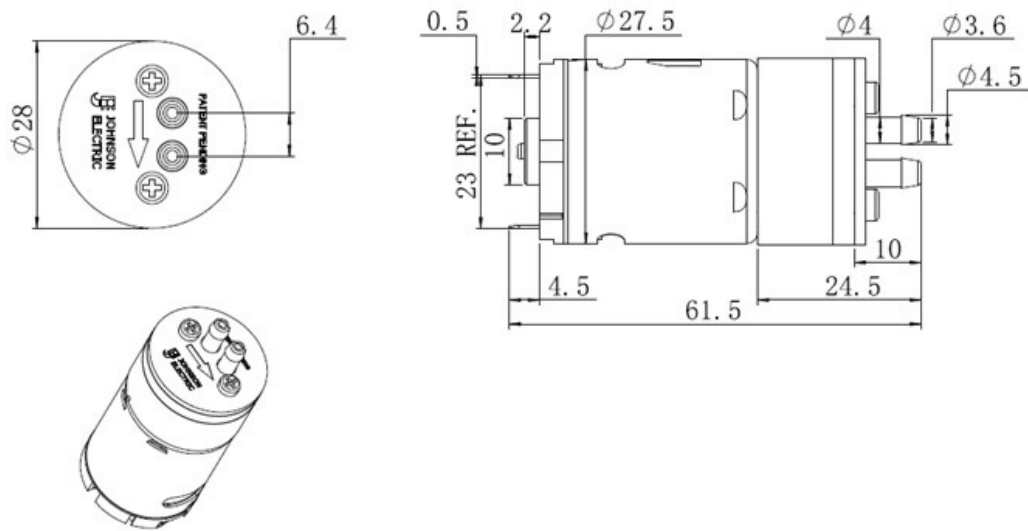
Performance Data:

	Valve Fully Open	Typical Working Point	Max Efficiency	Valve Closed
Water Flow Rate (gal/min)	0.15	0.11	0.08	-
Impeller Speed (rpm)	-	10000	8000	-
Input Power to Motor (hp)	0.01	0.01	0.01	-
Efficiency (% , Pump)	-	-	32	-
Efficiency (% , Motor)	-	-	42	-
Water Pressure (psi)	2.18	11.60	17.40	43.51

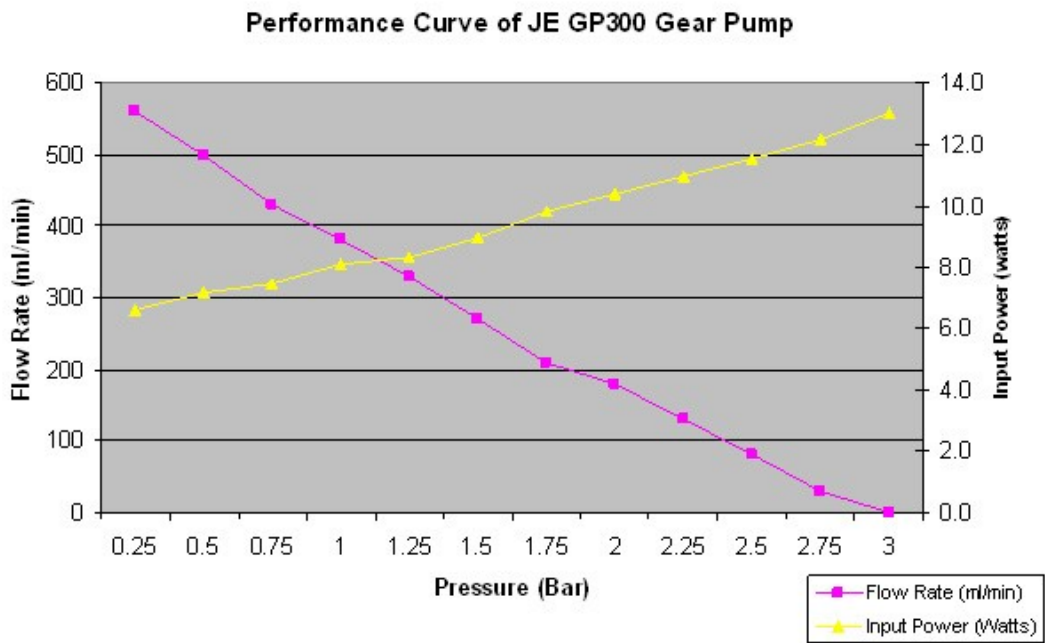
Application Examples:

Beverage Machines, Beverage Dispensing, Coffee Machines, Pumps, Detergent Dosing, Sprayers

Drawing:



Performance Curves:



Units in Metric