

Characteristics:

High and Controllable Flow Rate

Specifications:

Dimensions	: 2.2 X 3.7 X 3.0 in
Input Voltage	: 24.0 V DC
Rated Flow Rate 1	: 0.61 gal/min @ 29.01 psi
Max Flow Rate	: 0.79 gal/min @ 3.63 psi
Max Pressure	: 101.53 psi
Fluid Temperature Range	: 41 131 °F
Fluid Type	: water, detergent, high viscosity fluids
Maximum Efficiency	: 28 %
Maximum Efficiency of Motor	: 62 %
Flow Rate at Maximum Efficiency	: 0.55 gal/min
Noise Level	: 78 dBA
Noise Level Condition	: Noise probe located at 0.1m from pump body
Other Feature	: Self Prime Height: 80cm under flow rate of 3000ml/min ; Inlet & Outlet OD: 7.0mm ; Speed adjustable ; Reversible flow
Life (typical)	: 200 hr
Life Test Condition	: 15s ON / 15s OFF, cold water at 20°C @ 2.0bar
Weight	: 16 oz
Operation Temperature	: 36 122 °F
Storage Temperature	: -4 185 °F
Electrical Connection	: Connector Housing Terminal
Certification	: Option for FDA certification

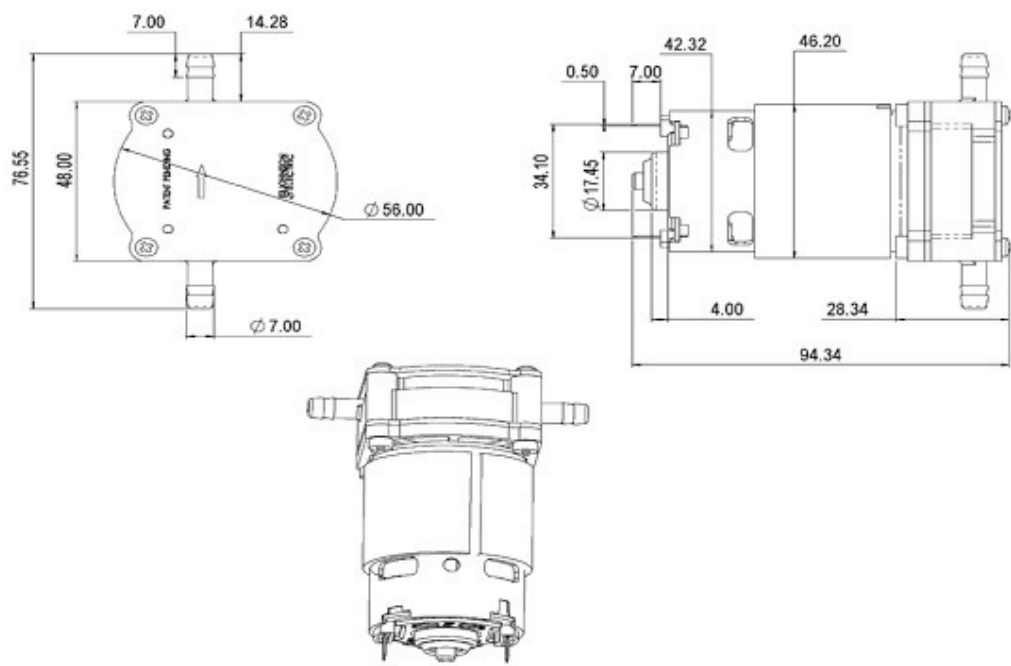
**Performance Data:**

	Valve Fully Open	Typical Working Point	Max Efficiency	Valve Closed
Water Flow Rate (gal/min)	0.79	0.61	0.55	-
Impeller Speed (rpm)	9100	8500	8200	-
Input Power to Motor (hp)	0.05	0.06	0.08	-
Efficiency (% , Pump)	-	-	28	-
Efficiency (% , Motor)	-	-	62	-
Water Pressure (psi)	3.63	29.01	43.51	101.53

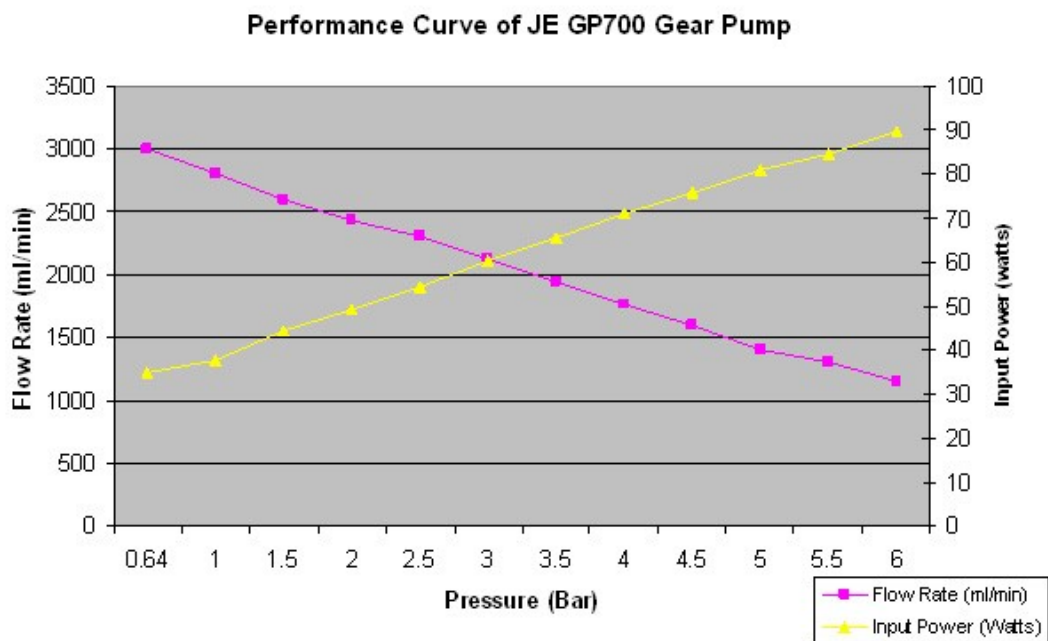
Application Examples:

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

Drawing:



Performance Curves:



Units in Metric