

Characteristics:

High and Controllable Flow Rate

Specifications:

Dimensions	: 46.0 X 82.4 X 65.4 mm
Input Voltage	: 24.0 V DC
Rated Flow Rate 1	: 1800 ml/min @ 1.00 bar
Max Flow Rate	: 2000.00 ml/min @ 0.30 bar
Max Pressure	: 6.00 bar
Fluid Temperature Range	: 5 to 55 °C
Fluid Type	: water, detergent, high viscosity fluids
Maximum Efficiency	: 33 %
Maximum Efficiency of Motor	: 68 %
Flow Rate at Maximum Efficiency	: 1500 ml/min
Noise Level	: 70 dBA
Noise Level Condition	: Noise probe located at 0.1m from pump body
Other Feature	: Self Prime Height: 50cm under flow rate of 2000ml/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	: 267 g
Operation Temperature	: 2 to 50 °C
Storage Temperature	: -20 to 85 °C
Electrical Connection	: Connector Housing Terminal
Certification	: Option for FDA certification

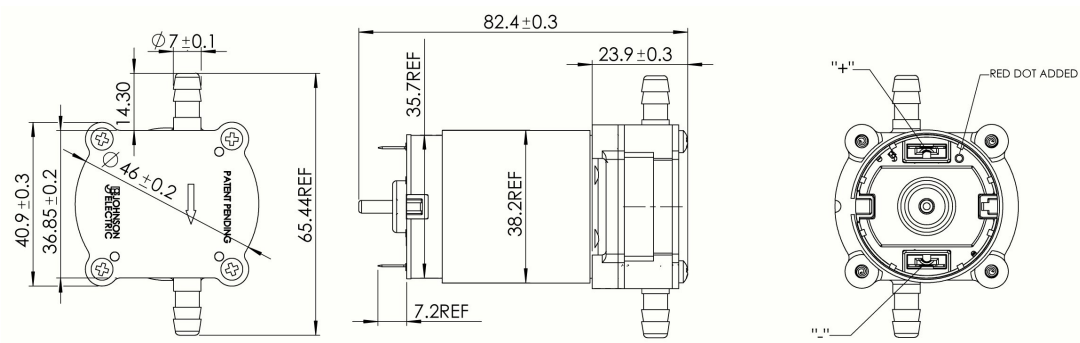
**Performance Data:**

	Valve Fully Open	Typical Working Point	Max Efficiency	Valve Closed
Water Flow Rate (ml/min)	2000	1800	1500	-
Input Power to Motor (W)	20.00	23.00	28.00	-
Efficiency (% , Pump)	-	-	33	-
Efficiency (% , Motor)	-	-	68	-
Water Pressure (bar)	0.30	1.00	2.00	6.00

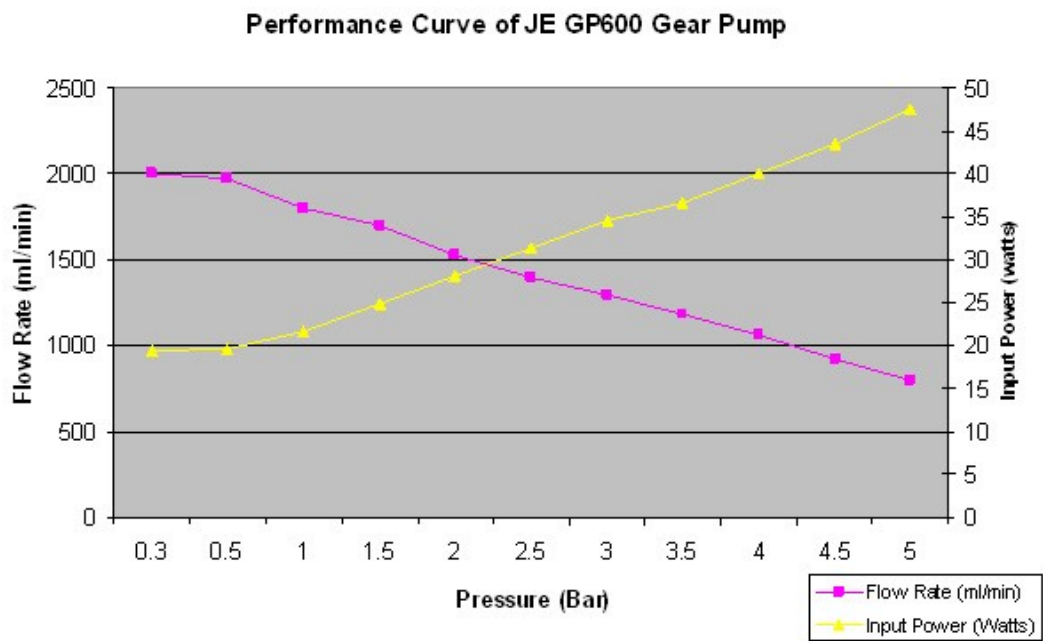
Application Examples:

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

Drawing:



Performance Curves:



Units in Metric