

Characteristics:

High and Controllable Flow Rate

Specifications:

Dimensions	: 1.8 X 3.2 X 2.6 in
Input Voltage	: 24.0 V DC
Rated Flow Rate 1	: 0.48 gal/min @ 14.50 psi
Max Flow Rate	: 0.53 gal/min @ 4.35 psi
Max Pressure	: 87.02 psi
Fluid Temperature Range	: 41 131 °F
Fluid Type	: water, detergent, high viscosity fluids
Maximum Efficiency	: 33 %
Maximum Efficiency of Motor	: 68 %
Flow Rate at Maximum Efficiency	: 0.40 gal/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	: 9 oz
Operation Temperature	: 36 122 °F
Storage Temperature	: -4 185 °F
Electrical Connection	: Connector Housing Terminal
Certification	: Option for FDA certification

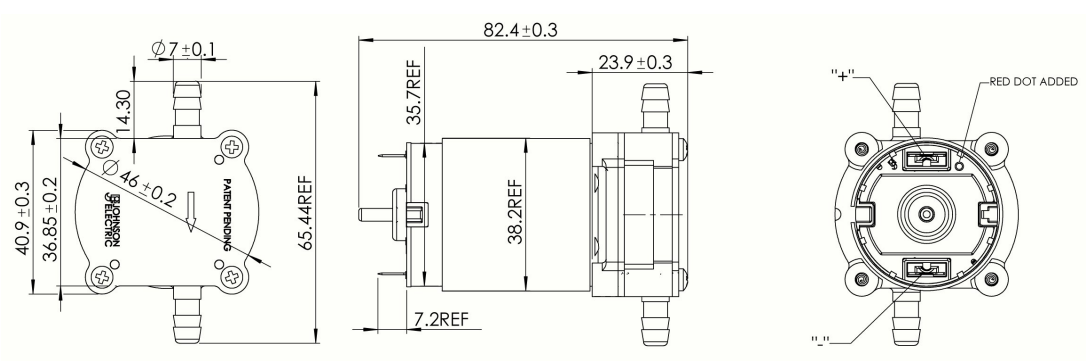
**Performance Data:**

	Valve Fully Open	Typical Working Point	Max Efficiency	Valve Closed
Water Flow Rate (gal/min)	0.53	0.48	0.40	-
Impeller Speed (rpm)	8900	8300	7900	-
Input Power to Motor (hp)	0.03	0.03	0.04	-
Efficiency (% , Pump)	-	-	33	-
Efficiency (% , Motor)	-	-	68	-
Water Pressure (psi)	4.35	14.50	29.01	87.02

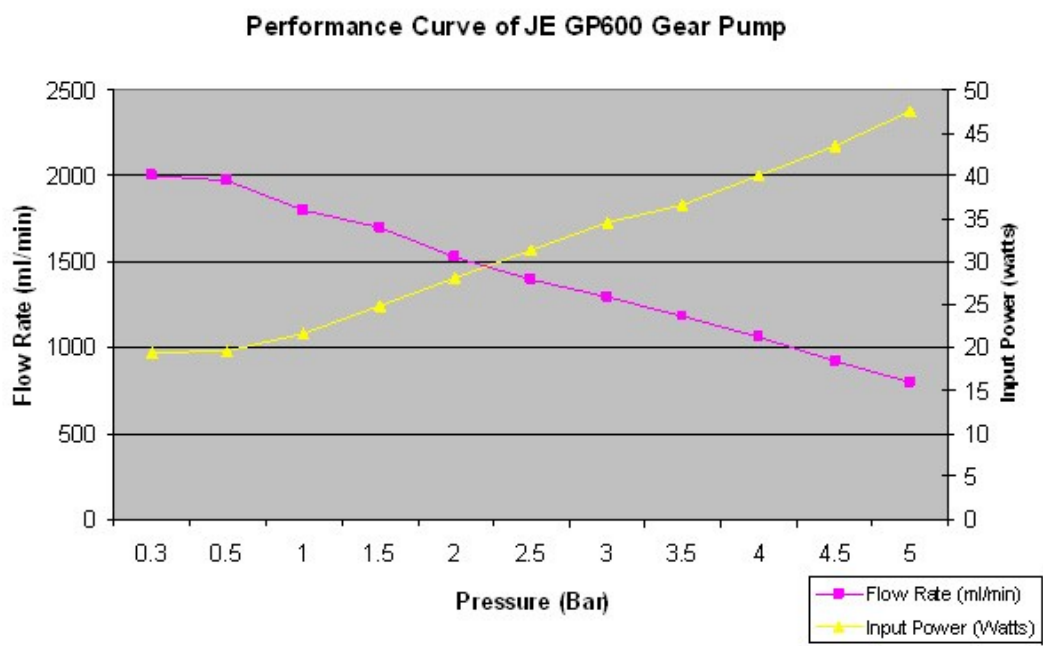
Application Examples:

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

Drawing:



Performance Curves:



Units in Metric