

The Pump People



GRI's Bellows Dosing Pumps are ideal for low flow, low pressure metering applications where a fixed flow rate is required. These *positive displacement pumps* are constructed entirely of plastic and use GRI's time-proven bellows technology to provide a durable and accurate chemically resistant metering pump. When pumping water in laboratory test conditions, pumps rate at +/- 1%, stroke to stroke.

Applications/Markets

- Soap Dispensing
- Chemical Dispensing
- Household Washer and Dryer Market
- Appliance Market
- Warewashing
- Water Purification Market
- Laboratory Market
- HVAC Market
- OEM Markets requiring metering pumps

General Specifications

Maximum Fluid Temperature: 140°F (60°C)

Voltage: 50/60Hz, 115v, 230v, ±10%

Maximum Flow:

50 Hz: 36.0 ml/min

60 Hz: 43.2 ml/min

Accuracy %:

± 1% stroke to stroke

± 5% pump to pump

Maximum Discharge Pressure: 5 PSI

Self-Priming: Yes

Hose Connectors: .354" (9 mm)

Weight: 0.5 LBS (228 grams)

Agency Approvals

 Motor

RoHS Compliant

U.L. Motor: E338625

Wetted Materials

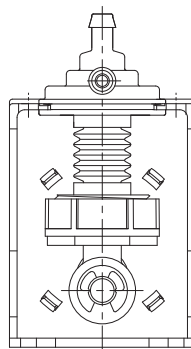
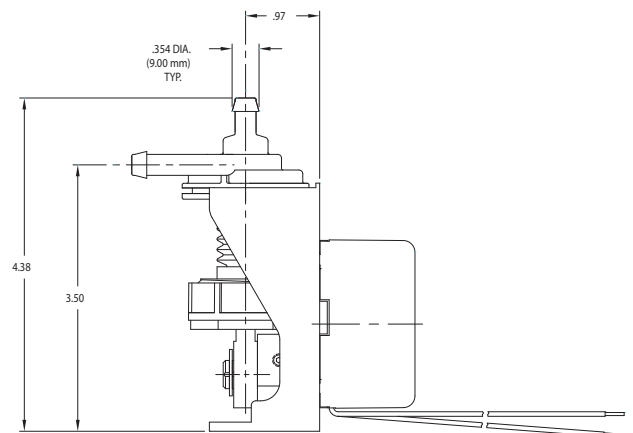
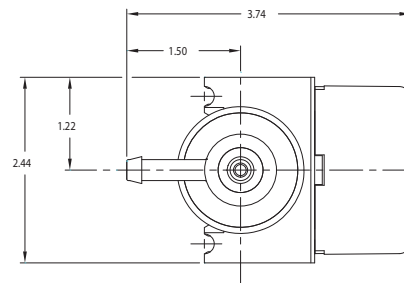
O-Rings (Elastomers): EPDM

Duckbill / Umbrella valve: EPT

Valve Body: PPR

Displacement Cup: PPR

Bellows: PP



Bellows Dosing Pump



Model Number	Bellow Size	Elastomer	Voltage	Frequency	RPM 50Hz	RPM 60Hz	Max Discharge Pressure	Max Flow 50Hz (ml/min)	Max Flow 60Hz (ml/min)
16900-050	3/4"	EPDM	115	50/60	20.0	24.0	5 PSI	36.0	43.2
16900-051	3/4"	EPDM	230	50/60	20.0	24.0	5 PSI	36.0	43.2
16900-052	3/4"	EPDM	115	50/60	12.5	15.0	5 PSI	22.5	27.0
16900-053	3/4"	EPDM	230	50/60	12.5	15.0	5 PSI	22.5	27.0
16900-054	3/4"	EPDM	115	50/60	6.6	8.0	5 PSI	11.9	14.4
16900-055	3/4"	EPDM	230	50/60	6.6	8.0	5 PSI	11.9	14.4
16900-056	1/2"	EPDM	115	50/60	20.0	24.0	5 PSI	10.0	12.0
16900-057	1/2"	EPDM	230	50/60	20.0	24.0	5 PSI	10.0	12.0
16900-058	1/2"	EPDM	115	50/60	12.5	15.0	5 PSI	6.3	7.5
16900-059	1/2"	EPDM	230	50/60	12.5	15.0	5 PSI	6.3	7.5
16900-060	1/2"	EPDM	115	50/60	6.6	8.0	5 PSI	3.3	4.0
16900-061	1/2"	EPDM	230	50/60	6.6	8.0	5 PSI	3.3	4.0