Gamma/ L Series

Smart and Versatile Solenoid Metering Pump

The **ProMinent® gamma/ L** is a microprocessor-based diaphragm solenoid metering pump capable of flows from **0.16 to 8.4 gph (0.59 to 32 l/h)** and pressures up to 2**90 psi (20 bar)**. The calibrated flow is displayed in gph or L/h. The large illuminated LCD display ensures that all displayed variables are easy to read.

Applications

- Bleach and other off-gassing fluid applications
- Water and wastewater treatment
- Highly automated processes in nearly all industries
- Cooling tower and boiler water treatment

NSF®
Certified to NSF/ANSI 61

Features & Benefits

- Microprocessor based technology for flexible control: Manual stroke length and frequency, Batch, Remote on/off, Contact Pulse, Analog
- Certified to **NSF/ANSI 61** (acrylic or PVDF liquid ends)
- 14-Day programmable timer
- Integrated Auto-degassing liquid ends ideal for off-gassing chemicals such as bleach
- Integral bleed valve eliminates priming issues
- Liquid end materials covering all chemicals
- Simple calibration allows pump to display flow rate and totalized flow
- Optional flow monitor for feed verification
- Universally compatible PVDF liquid ends
- Analog output of feed rate eliminates needs to check on the pump
- New Protimer software for programming timer from PC
- Access Codes to prevent unauthorized adjustment
- Capable of handling up to 3000 cps of viscous media such as polymers

ProMinent®

Visit our XTRANET <www.prominentxtranet.com> to:
- sign up for our electronic newsletter
- download literature and manuals
- validate your product warranty

Gamma/L_2012.indd rev1 4/18/2012 (pn: 7750225)

Gamma/ L Series

Capacity data

Pump Version	Capacity at Maximum Backpressure					Capacity at 1/2 Maximum Backpressure					Pre-Primed Suction Lift		Max. Stroking Rate	Tubing Connectors[2] O.D. x I.D.	Shipping Weight (higher weights are for SS)	
	psig	(bar)	U.S. GPH	l/h)	ml/ stroke	psig	(bar)	U.S. GPH	(l/h)	ml/ stroke	ft	(m)	spm	inches	lbs	(kg)
gamma/ L with standard liquid ends																
1000	145	(10)	0.19	(0.74)	0.07	73	(5)	0.21	(0.82)	0.08	19.6	(6)	180	1/4 x 3/16	7.5-8.6	(3.4-3.9)
2001[3]	290	(20)	0.29	(1.1)	0.10	145	(10)	0.37	(1.40)	0.13	19.6	(6)	180	1/4 x 3/16	6.4-7.9	(2.9-3.6)
1601	232	(16)	0.29	(1.1)	0.10	126	(8.75)	0.37	(1.4)	0.13	19.6	(6)	180	1/4 x 3/16	7.5-8.6	(3.4-3.9)
2002[3]	290	(20)	0.58	(2.2)	0.19	145	(10)	0.66	(2.5)	0.24	19.6	(6)	180	1/4 x 3/16	6.4-7.9	(2.9-3.6)
1602	232	(16)	0.55	(2.1)	0.19	126	(8.75)	0.66	(2.5)	0.24	19.6	(6)	180	1/4 x 3/16	7.5-8.8	(3.4-4.0)
1005	145	(10)	1.1	(4.4)	0.41	73	(5)	1.32	(5.0)	0.46	19.6	(6)	180	1/2 x 3/8	7.7-9.0	(3.5-4.1)
0708	101	(7)	1.9	(7.1)	0.66	50.5	(3.5)	2.22	(8.4)	0.78	19.6	(6)	180	1/2 x 3/8	7.7-11.0	(3.5-5.0)
0413	58	(4)	3.2	(12.3)	1.14	29	(2)	3.75	(14.2)	1.31	9.8	(3)	180	1/2 x 3/8	7.7-11.0	(3.5-5.0)
0220	29	(2)	5.0	(19.0)	1.76	14.5	(1)	5.52	(20.9)	1.94	6.5	(2)	180	1/2 x 3/8	7.7-11.0	(3.5-5.0)
1605	232	(16)	1.1	(4.1)	0.38	126	(8.75)	1.29	(4.9)	0.45	19.6	(6)	180	1/2 x 3/8	9.3-10.8	(4.2-4.9)
1008	145	(10)	1.8	(6.8)	0.63	73	(5)	2.19	(8.3)	0.76	19.6	(6)	180	1/2 x 3/8	9.5-12.8	(4.3-5.8)
0713	101	(7)	2.9	(11.0)	1.02	50.5	(3.5)	3.46	(13.1)	1.21	13.1	(4)	180	1/2 x 3/8	9.5-12.8	(4.3-5.8)
0420	58	(4)	4.5	(17.1)	1.58	29	(2)	5.04	(19.1)	1.77	9.8	(3)	180	1/2 x 3/8	9.5-12.8	(4.3-5.8)
0232[1]	29	(2)	8.4	(32.0)	2.96	14.5	(1)	9.56	(36.2)	3.35	6.5	(2)	180	1/2 x 3/8	11.2-14.6	(5.1-6.6)
gamma/ L with auto-degassing liquid ends																
1601	232	(16)	0.16	(0.59)	0.055	126	(8.75)	0.21	(0.78)	0.07	5.9	(1.8)	180	1/4 x 3/16	7.7	(3.5)
1602	232	(16)	0.37	(1.4)	0.13	126	(8.75)	0.45	(1.7)	0.16	6.9	(2.1)	180	1/4 x 3/16	7.7	(3.5)
1005	145	(10)	0.95	(3.6)	0.33	73	(5)	1.05	(4.0)	0.37	8.8	(2.7)	180	1/2 x 3/8	7.7	(3.5)
0708	101	(7)	1.74	(6.6)	0.61	50.5	(3.5)	1.98	(7.5)	0.69	6.5	(2.0)	180	1/2 x 3/8	7.7	(3.5)
0413	58	(4)	2.8	(10.8)	1.00	29	(2)	3.3	(12.6)	1.17	6.5	(2.0)	180	1/2 x 3/8	7.9	(3.6)
0220	29	(2)	4.3	(16.2)	1.50	14.5	(1)	4.7	(18.0)	1.67	6.5	(2.0)	180	1/2 x 3/8	7.9	(3.6)
1605	232	(16)	0.87	(3.3)	0.31	126	(8.75)	1.00	(3.8)	0.35	9.8	(3)	180	1/2 x 3/8	9.5	(4.3)
1008	145	(10)	1.66	(6.3)	0.58	73	(5)	1.98	(7.5)	0.69	9.8	(3)	180	1/2 x 3/8	9.5	(4.3)
0713	101	(7)	2.77	(10.5)	0.97	50.5	(3.5)	3.2	(12.3)	1.14	8.2	(2.5)	180	1/2 x 3/8	9.5	(4.3)
0420	58	(4)	4.12	(15.6)	1.44	29	(2)	4.6	(17.4)	1.61	8.2	(2.5)	180	1/2 x 3/8	9.5	(4.3)

*(Note: Above capacities and suction lift refer to pumps tested on water at 115 VAC, 60 Hz, and an ambient temperature of 70*F (20*C). Higher specific gravity fluids will reduce suction lift. Capacities will be slightly reduced from published ratings if pumps are skid mounted.)*

Higher viscosity fluids will reduce capacity. Liquid ends for highly viscous media have 10-20% less metering capacity and are not self-priming. Standard connectors are 1/2" MNPTor 5/8" hose barb. Positive suction is recommended.

[1] Not available with bleed valve.
[2] SS versions use 1/4" female threads except models 0220, 0420, and 0232 which use 3/8" female threads.
[3] Only available in SS and Acrylic liquid ends.
Universal control cable necessary for external Beta control.

Liquid end materials in contact with media

	Pump head	Suction/Pressure connector	O-rings	Balls
PPE	Polypropylene	Polypropylene	EPDM	ceramic
PPB	Polypropylene	Polypropylene	Viton®	ceramic
NPE	Acrylic	PVC	EPDM	ceramic
NPB	Acrylic	PVC	Viton®	ceramic
PVT	PVDF	PVDF	PTFE	ceramic
TTT	PTFE with carbon	PTFE with carbon	PTFE	ceramic
SST	stainless steel	stainless steel	PTFE	ceramic

Auto-degassing version available in PP and NP only. Supplied with Hastelloy C valve springs, PVDF valve core. Pump diaphragm with PTFE-coating.
Note: Viton® is a registered trademark of DuPont Dow Elastomers.

ProMinent®

ProMinent Fluid Controls, Inc. (US)

136 Industry Drive
Pittsburgh, PA 15275-1014
Tel: (412) 787-2484
Fax: (412) 787-0704
eMail: sales@prominent.us
www.prominent.us