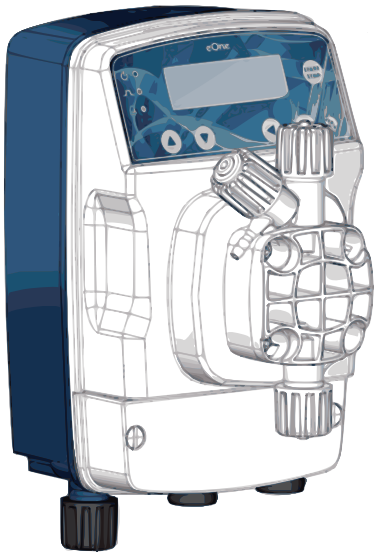
eOne Solenoid Dosing Pumps

TECHNICAL FEATURES

- *Flow Rate:* From 1 to 30 L/H
- *Maximum Pressure:* Up to 20 Bar
- *Power Supply:* 100 - 250 Vac (50/60 Hz)
- *Stroke Rate:* From 180 to 300 impulses/min
- *Pump Head:* PVDF with double ceramic ball valves
- *Diaphragm:* PTFE
- *Air Bleed:* Manual
- *External Casing:* Reinforced chemical resistant PP
- *Installation Kit:* Injection Valve, Foot Filter, 2m each of suction/discharge tubing, wall mounting plate with screws and plugs



eOne MA

Analogue manual control (dual scale adjustment)
1:1 Proportional dosing
Level control
UNDERLOAD suction alarm
OVERLOAD discharge alarm

eOne MF

Digital manual control
Proportional dosing modes
4-20 mA control
Relay output
Flow sensor input
Level control
UNDERLOAD suction alarm
OVERLOAD discharge alarm
Flow rate calibration

eOne PLUS

All eOne MF functions
Integral pH, Rx, Cl control
PT100 temperature probe input
4-20 mA Output
Proximity switch

The new eOne Dosing Pumps are the next generation of chemical dosing, featuring high stroke rates, accuracy, repeatability, flow rate variation control in relation to pressure changes and reduced energy consumption.

The eOne series has a variable power supply between 100 and 250 Vac 50/60Hz and is supplied as standard with a PVDF pump head with seals in TFE/P, an elastomer compatible with a wide variety of chemicals including both acidic and alkaline solutions.

Each eOne pump is supplied with an installation kit consisting of PVDF-TFE/P injection valve, PVDF-TFE/P foot filter, PE discharge tubing, PVC suction tubing and a mounting plate with plugs and screws.

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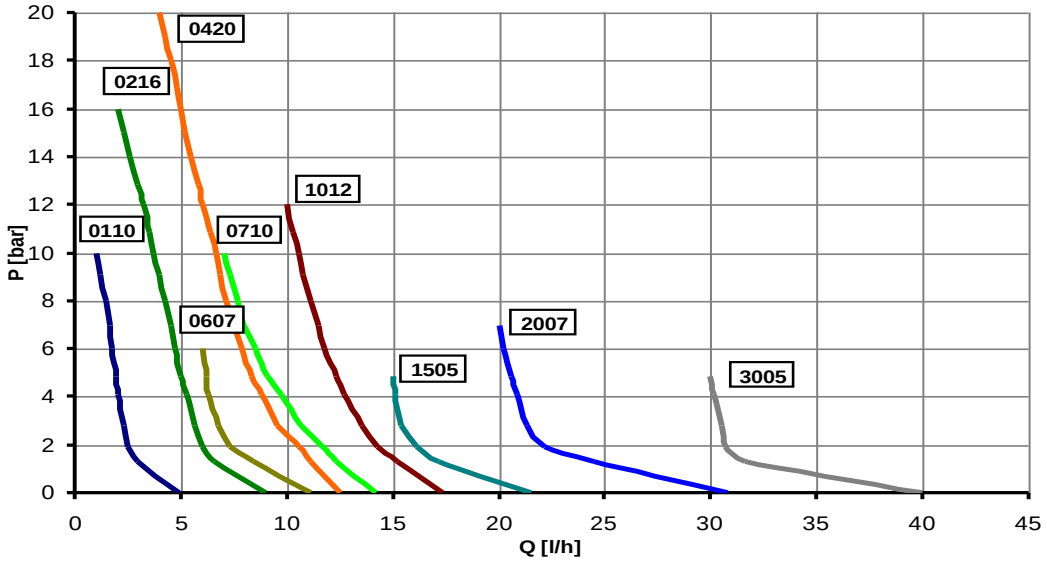
eOne Solenoid Dosing Pumps

PUMP TECHNICAL DETAILS **The figures below are based on dosing water at 20°C*

Model	Flow rate L/H - (US gal/h)	Pressure Bar - *(psi)*	Injection Volume [cc]	Max Frequency [imp/minute]	Connections [mm]	Power Supply	Power Consumption Min / Max [W]
0110	1.0 (0.264)	10 (145)	0.09	180	4 / 6	100 - 250 Vac 50 - 60 Hz	5 / 23
	1.8 (0.475)	6 (87)	0.16				
	2.5 (0.660)	2 (29)	0.23				
0216	2.0 (0.528)	16 (232)	0.11	300	4 / 6	100 - 250 Vac 50 - 60 Hz	7 / 26
	3.8 (1.008)	10 (145)	0.21				
	5.1 (1.354)	6 (73)	0.29				
0607	6.0 (1.584)	7 (102)	0.33	300	4 / 6	100 - 250 Vac 50 - 60 Hz	5 / 23
	6.3 (1.674)	4 (58)	0.35				
	7.3 (1.930)	2 (29)	0.41				
0420	4.0 (1.056)	20 (290)	0.22	300	4 / 6	100 - 250 Vac 50 - 60 Hz	10 / 32
	6.0 (1.584)	12 (174)	0.33				
	7.3 (1.930)	8 (116)	0.40				
0710	7.0 (1.859)	10 (145)	0.39	300	4 / 6	100 - 250 Vac 50 - 60 Hz	7 / 26
	8.5 (2.244)	6 (87)	0.47				
	11.7 (3.081)	2 (29)	0.65				
1012	10.0 (2.640)	12 (174)	0.56	300	4 / 6	100 - 250 Vac 50 - 60 Hz	10 / 32
	11.8 (3.113)	6 (87)	0.66				
	14.3 (3.765)	2 (29)	0.79				
1505	15.0 (3.960)	5 (73)	0.83	300	4 / 6	100 -250 Vac 50 - 60 Hz	7 / 26
	15.4 (4.068)	3 (44)	0.86				
	17.2 (4.541)	1 (15)	0.96				
2007	20.0 (5.280)	7 (102)	1.11	300	6 / 8	100 - 250 Vac 50 - 60 Hz	10 / 35
	21.3 (5.623)	3 (44)	1.18				
	28.2 (7.445)	0.5 (7)	1.57				
3005	30.0 (7.910)	5 (72)	1.66	300	6 / 8	100 - 250 Vac 50 - 60 Hz	10 / 35
	30.8 (8.118)	2 (44)	1.71				
	36.5 (9.636)	0.5 (7)	2.03				



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