

eOne MA

Analogue electromagnetic dosing pump with constant flow

eOne Ma is an electronic dosing pump with a "CLEVER" control of power, depending from the effective dosing conditions

General Features

- Flow rate control depending from pressure variation of the installation
- Energy saving
- Low heating of the device
- Low wear of mechanical and electrical components
- High injection frequency (up to 300 pulses/minutes)
- Manual flow rate adjustment by a knob
- Dual scale adjustment: **0 – 20% and 0 – 100%**.
- Proportional mode 1:1 by water-meter pulse-sender signal
- Multi-tension Power supply: 100 and 250 Vac 50/60Hz
- Pump head made of **PVDF**, polymer highly resistant, with all sealings in **TFE/P**, which is a new elastomer compatible with a wide variety of chemicals
- Manual air bleed pump head, except for the models 20.07 and 30.05.
- Level probe input
- Supplied with PVDF installation kit
- Flow rate: from 1 to 30 l/h
- Maximum pressure: up to 20 bar
- Stroke rate: from 180 to 300 impulses/min
- Diaphragm: PTFE
- External casing: Reinforced PP and chemical resistant

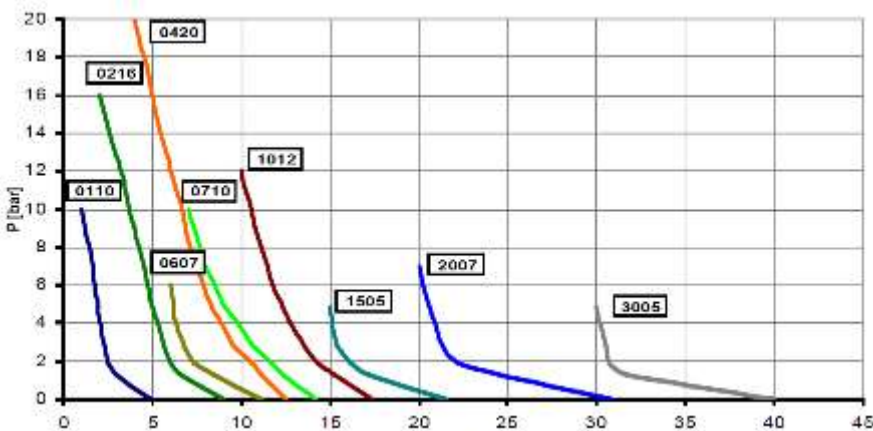


Pump failure alarms (Underload/Overload)

- **Underload alarm** (Suction alarm): for low (end) chemical level, blocking suction valve or damaged suction tube
 - **Overload alarm** (Discharge alarm): for over pressure inside the pump head, for excessive operating pressure inside the dosing pipeline, for clogging delivery valve...
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Technical Features

Model	Flow rate l/h – (US gal/h)	Pressure bar - psi	Injection Volume (cc)	Max frequency (pulse/min)	Connections Int/Ext (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)	0.11				
	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)	1.18				
	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				



eOne MA	Version
PEU453894I	eOne MA 110
PEU453914I	eOne MA 216
PEU453924I	eOne MA 420
PEU453934I	eOne MA 607
PEU453944I	eOne MA 710
PEU453954I	eOne MA 1012
PEU453964I	eOne MA 1505
PEU453974I	eOne MA 2007
PEU453864I	eOne MA3005

Overall Dimensions

