

Chemical Dosing Pumps-Etatron eONE MA & BASIC Series

eONE MA & BASIC

eOne MA & BASIC's are analog electromagnetic dosing pumps with manual flow adjustment capabilities.

eONE MA MAIN FEATURES

- Dual regulation scale 2-20% and 10-100%
- High injection frequency up to 300 pulses/min
- Level switch input
- Relay output
- Reed water meter input 1:1
- Energy saving
- Low heating of the device
- 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
- Ceramic ball valves
- Manual air bleed pump head as standard

eONE MA 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, or for clogging delivery valve

eOne BASIC is a simplified version of the eOne MA dosing pump with the following features:

- Choice of 2l/h @10 bar or 5l/h @ 7 bar
- 180 Strokes/min
- Analog dosing pump with manual flow rate adjustment
- Dual regulation scale 2-20% or 10-100%
- Level switch input
- Reed water meter input 1:1



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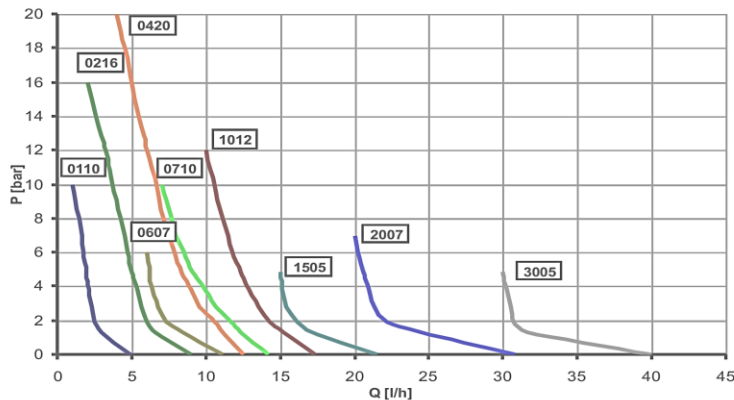
EONE MA & BASIC

TECHNICAL FEATURES eONE MA

Model	Flow rate l/h	Pressure bar	Injection Volume (cc)	Max frequency (pulse/min)	Connections Int/Ext (mm)	Power supply	Power consumption Min/Max (W)
0110	1	10	0.09	180	4/6	250 Vac 50 Hz	5/23
	1.8	6	0.16				
	2.5	2	0.23				
0216	2	16	0.11	300	4/6	250 Vac 50 Hz	7/26
	3.8	10	0.11				
	5.1	6	0.29				
0607	6	7	0.33	300	4/6	250 Vac 50 Hz	5/23
	6.3	4	0.35				
	7.3	2	0.41				
0420	4	20	0.22	300	4/6	250 Vac 50 Hz	10/32
	6		0.33				
	7.3	8	0.4				
0710	7	10	0.39	300	4/6	250 Vac 50 Hz	7/26
	8.5	6	0.47				
	11.7	2	0.65				
1012	10	12	0.56	300	4/6	250 Vac 50 Hz	10/32
	11.8	6	0.66				
	14.3	2	0.79				
1505	15	5	0.83	300	4/6	250 Vac 50 Hz	7/26
	15.4	3	1.18				
	17.2	1	0.96				
2007	20	7	1.11	300	6/8	250 Vac 50 Hz	10/35
	21.3	3	1.18				
	28.2	0.5	1.57				
3005	30	5	1.66	300	6/8	250 Vac 50 Hz	10/35
	30.8	2	1.71				
	36.5	0.5	2.03				

Model	Flow rate l/h - (US gal/h)	Pressure bar - (psi)	Injection volume [cc]	Max frequency [imp/1']	Connections [mm]	Power supply	Power Consumption [W]
0210	2 (1,351)	10 (145)	0.18	180	4 / 6	100 ÷ 250 Vac 50 – 60 Hz	32
	2.9 (0,765)	6 (87)	0.27				
	6.1 (1,605)	1 (19)	0.56				
0507	5.0 (1,320)	7 (101)	0.46	180	4 / 6	100 ÷ 250 Vac 50 – 60 Hz	32
	6.2 (1,647)	5 (67)	0.58				
	10.4 (2,732)	1 (19)	0.95				

eONE MA CURVE



eONE BASIC CURVE

