ROTEK Australia

Chemical Dosing Pumps-Etatron eONE MF Series

eOne MF

MULTIFUNCTION MICROPROCESSOR SOLENOID DOSING PUMP

eOne MF is an electronic dosing pump with a "CLEVER" control of power, suitable for applications which require proportional dosing via PLC, water meters, etc

eONE MF MAIN FEATURES

- High injection frequency up to 300 pulses/min
- Proportional dosing modes (1 x n; 1 : n; 1 x n (M); ml x l; L x l; ml x m3; PPM)
- 4-20 mA input control
- Flow sensor input
- Level switch input
- Relay output
- Flow rate control depending from pressure variation of the installation
- Energy saving
- Low heating of the device
- Low wear of mechanical and electrical components
- Daily and weekly timer (16 programmes/day)
- Multi-tension Power Supply: 250 Vac 5oHz
- 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 available

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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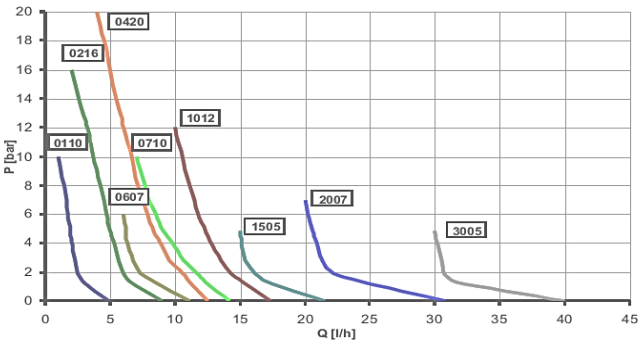
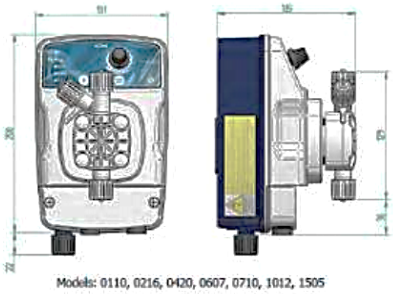
EONE MF

TECHNICAL FEATURES

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	1.0 (0.264)	10 (145)	0.09	180	4/6	250 Vac 50 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	250 Vac 50 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	250 Vac 50 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	250 Vac 50 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	250 Vac 50 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	250 Vac 50 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	250 Vac 50 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	250 Vac 50 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	250 Vac 50 Hz	10/35
	30.8 (8.118)	2 (44)	1.71				
	36.5 (9.636)	0.5 (7)	2.03				



OVERALL DIMENSIONS


Models: 0110, 0216, 0420, 0607, 0710, 1012, 1505

Models: 2007 and 3005

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