

eOneB MF

Multifunction Microprocessor Solenoid Dosing Pump

eOne MF is an electronic dosing pump with a “**CLEVER**” control of power, depending on the actual dosing conditions

General Features

- Flow rate control depending on pressure variation
- Energy saving
- Low heating of the device
- Low wear of mechanical and electrical components
- High injection frequency up to 300 pulses/min
- Manual flow rate regulation **0÷100%, 0÷300** impulses/min
- Proportional dosing modes (1 x n; 1 : n; 1 x n M; ml x I; L x I; ml x m3; PPM)
- Daily and weekly timer (16 programmes/day)
- Relay output
- 4-20 mA control
- Flow sensor input
- Multi-tension Power Supply: **100÷250 Vac. 50/60Hz**
- **PVDF** pump head, 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. Automatic air bleed available on request (except for the models 2007 and 3005)
- 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
- External casing: Reinforced PP and chemical resistant
- Power consumption: 26 KW (at maximum load)

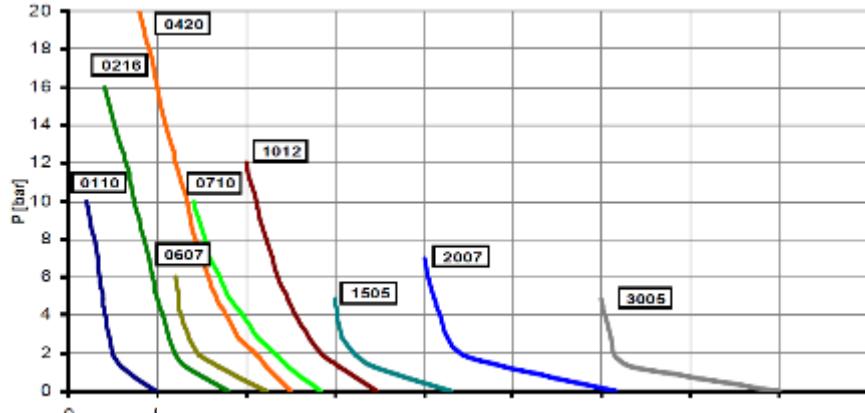


Pump failure alarms (Underload/Overload)

- **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...

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 MF	Version
PBU483894I	eOne MF 110
PBU483914I	eOne MF 216
PBU483924I	eOne MF 420
PBU483934I	eOne MF 607
PBU483944I	eOne MF 710
PBU483954I	eOne MF 1012
PBU483964I	eOne MF 1505
PBU483974I	eOne MF 2007
PBU483864I	eOne MF 3005

Overall Dimensions

