

ME3-mA Solenoid dosing pump



Description

Digital solenoid pump with proportional flow rate according to 4-20 mA external signal. Number of pulses totally programmable on the entire mV scale. Flow rate from 3 to 24 l/h. Installation kit included. Ideal to control instrument or PLC connection.

Features

- Digital dosing pump with proportional flow rate according to 0/4 20 mA signal
- 2 different working mode: constant or proportional
- 4 different languages menu: Italian French , Spanish and English
- Built in Over dose alarm
- Starting time delay setting
- Backlit digital 8x2 display
- Status and programming led
- IP 65 Protection Degree
- Reinforced PP body
- Instant flow rate showed in %
- 100% Made in Italy
- CE approved
- Standard Power Supply 230 Vac
- ON/OFF switch
- PVDF pump head with PTFE seals (suitable to dose High Concentration Sodium Hypochlorite or strong Oxidizing agents)

Optional

- Level probe input

Technical data

	Max. flow	Pressure	Max cc	Stroke	Solenoid ø	Power	Pulses	Weight	Pump
	[l/h]	[bar]	[cc]	[mm]	[mm]	[W]	[ppm]	[kg]	[head]
Standard flow model									
10 - 02	10	2	1,11	1,3	80	60	150	3,5	PVDF
05 - 10	5	10	0,55	1,1	80	60	150	3,5	PVDF
04 - 12	4	12	0,44	0,9	80	60	150	3,5	PVDF
High flow model									
24 - 01	24	1	3,34	2,2	90	60	150	4	PVDF
22 - 02	22	2	2,89	2,2	90	60	150	4	PVDF
High pressure model									
06 - 15	3	15	0,33	1,4	90	60	150	4	PVDF
04 - 18	2	18	0,22	1,4	90	60	150	4	PVDF

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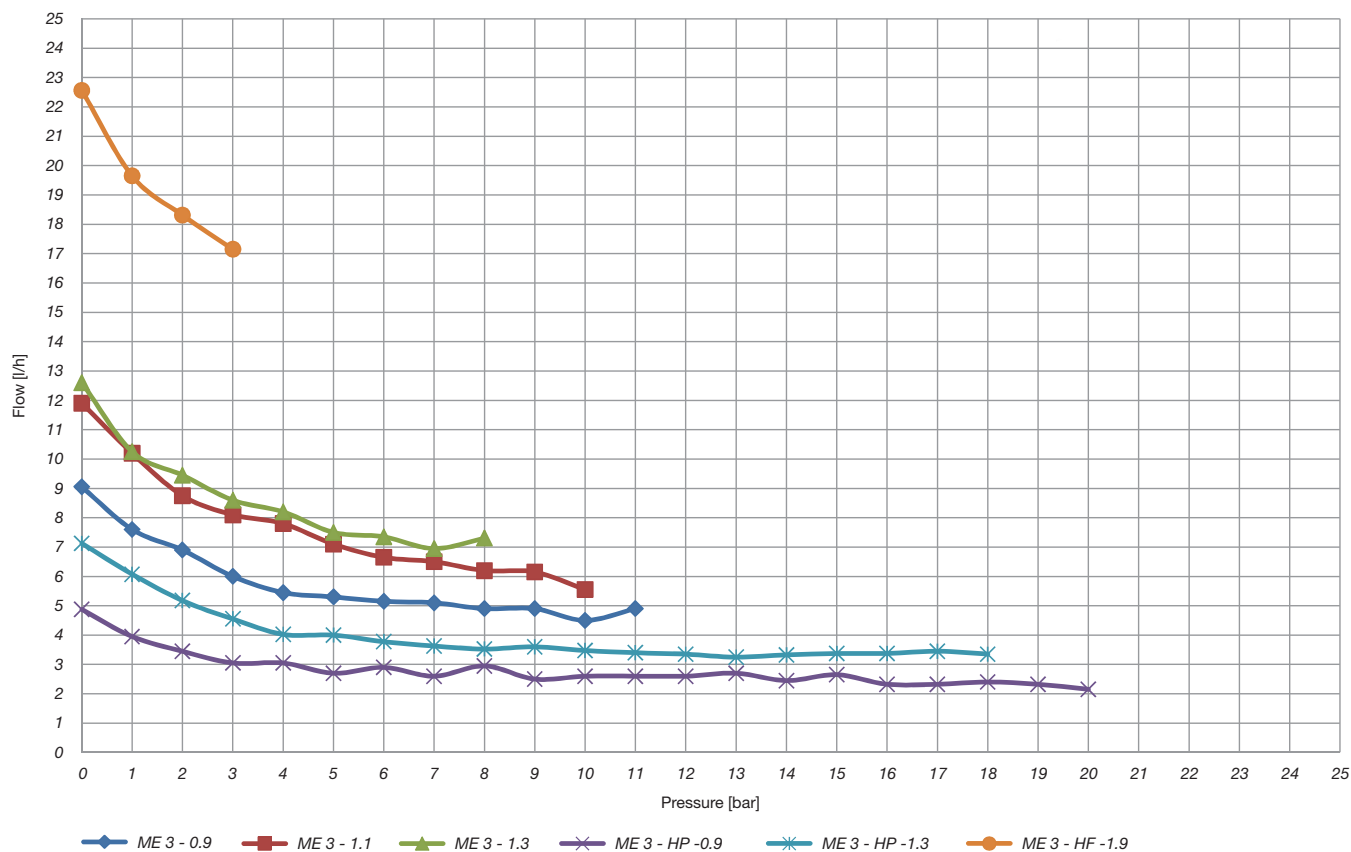
Materials

	Standard material	Optional material
Pump head		
Standard flow model	PVDF	-
High flow model	PVDF	-
High pressure model	PVDF	-
Parts		
Balls	Pyrex	Ceramic, PTFE, AISI 316
Diaphragm	PTFE	-
Fittings	PP	PVDF
Seals	Viton ®	EPDM
Valve cartridges	PP 4 x 6	PVDF 4 x 6
Foot filter	PP 4 x 6 lip valve	PVDF 4 x 6 ball valve
Injection valve	PP 4 x 6 ball valve	PVDF 4 x 6 ball valve
Suction tube	PVC 4 x 6	PVDF 4 x 6
Delivery tube	PE 4 x 6	PVDF 4 x 6

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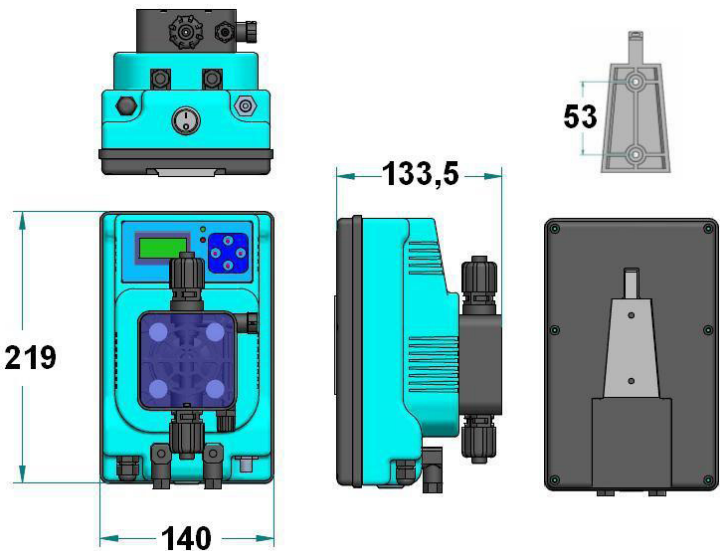
Performance curve





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Dimensions



All dimensions are in mm.
All dimensions and weights are for guidance only.

Accessory kit

Standard kit	Nr.1 Injection Valve 1/2" PVDF Viton®	Nr.1 Foot filter 1/2" PP Viton®	Nr. 1 Delivery Hose 2mt PE 4x6	Nr. 1 Suction Hose 2mt PVC 4x6	NR. 1 Bleed tube 1,5mt PVC 4x6
					

Accessories

- Level Probes
- Suction lances
- Mixers
- Tanks & bunds