

ME1-I solenoid dosing pump



Description

The Microdos solenoid diaphragm dosing pump, model ME1-I is especially suitable for accurate and reliable dosing of chemicals in water treatment applications. The “I” version is an electromagnetic dosing pump, that is pumping proportional from pulses received from a water meter. Dosing function 1/n or 1xn, multiple dosing with memory function. Free programmable. Protection class IP 65. Available as wall mounted pump or on foot.

Features

- Digital proportional flow rate dosing pump to an external pulse device
- Dual working mode, either constant or proportional 1/n or 1xn multiplier function
- Easy to install and maintain
- Digital display
- Standard PP wetted parts to assure best chemical resistance

Optional

- PVDF head
- Level probe input
- Schuko Plug
- On/Off switch

Technical data

Standard	Flow Max		Pressure	Pulses	Power	Weight	Solenoid diameter
	[l/h]	[cc]					
1.5-12	1.5	0.14	12	180	50	3.5	80
02-11	2	0.18	11	180	50	3.5	80
04-09	4	0.37	9	180	50	3.5	80
05-08	5	0.46	8	180	50	3.5	80
07-05	7	0.65	5	180	50	3.5	80
08-04	8	0.74	4	180	50	3.5	80
10-02	10	0.92	2	180	50	3.5	80
15-0.5	15	1.39	0.5	180	50	3.5	80

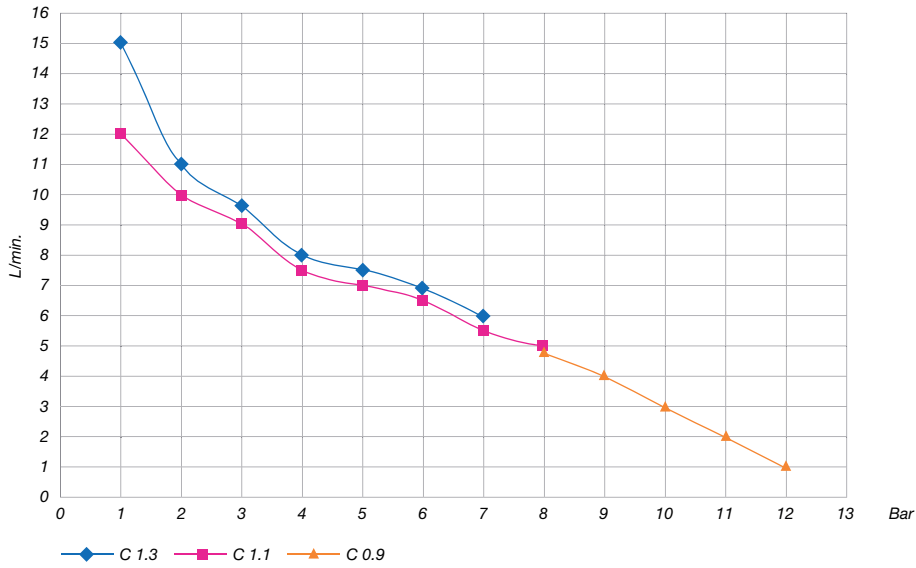
Materials

	Standard material	Optional material
Pump head	PP	PVDF
Balls	Pyrex	Ceramics, PTFE, SS 316
Diaphragm	PTFE	-
Fittings	PP 1/2"	PVDF 1/2"
Seals	FPM	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
Delivery tube	PE 4 x 6	PVDF

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Performance curve

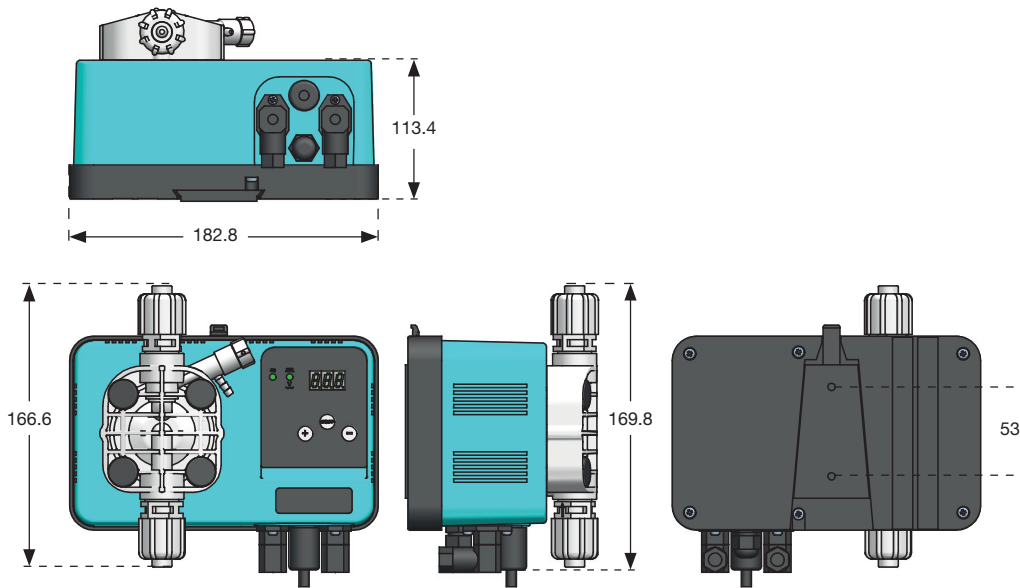


All dimensions are in mm. All dimensions and weights are for guidance only.

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Dimensions



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Standard installation kit

- Injection valve
- Foot filter
- Delivery tube 2 m PE 4x6
- Suction tube 2 m PVC 4x6
- Bleed tube 1.5 m PVC 4x6

Accessories

- Suction lances
- Mixers
- Tanks & bunds
- Water Meters