

# Verderdos

## VE1-PH solenoid dosing pump



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### Description

The VE1-pH is a proportional dosing pump, digital adjustable, with built in pH controller. The VE1-pH pump is excellent for the pH control in water treatment but also for swimming pools. Available as wall mounted pump or on foot.

### Your benefits

- Automatic recognition of the efficiency of the pH probe.
- Suitable for dispensing products pH+ and pH- (acidic and basic) from software
- Programmable in the entire range of pH 0 - 14
- Proportional range setting
- PVDF pump head, optional PP
- Manual bleed valve
- Protection class IP 65
- SCHUKO plug
- On/off switch

### Materials

Materials	Standard	Optional
Pump Head	PVDF	PP
Balls	Pyrex	Ceramics, PTFE, SS 316
Diaphragm	PTFE	-
Fittings	PVDF 1/2"	PP 1/2"
Seals	FPM	EPDM
Valve cartridges	PVDF 4 x 6	PP 4 x 6
Foot filter	PVDF 4 x 6 ball valve	PP 4 x 6 lip valve
Injection valve	PVDF 4 x 6 ball valve	PP 4 x 6 ball valve
Suction tube	PVC 4 x 6	PVDF
Delivery tube	PE 4 x 6	PVDF

### Optional

- Consent to dosage
- Level probe / overdose alarm

	PTFE BALLS	SS 316 BALLS	PYREX BALLS	CERAMIC BALLS
<b>Material</b>	PTFE	SS 316	DURAN – PYREX	AL <sup>2</sup> O <sup>3</sup>
<b>Hardness</b>	60 ( D )	1407160 HB	± 45 HRC	± 45 HRC
<b>Specific weight</b>	2.10 g/cm <sup>3</sup>	8.02 g/cm <sup>3</sup>	2.23 g/cm <sup>3</sup>	3.90 g/cm <sup>3</sup>
<b>Description</b>	Resistant to most of oxidizing chemicals, inorganic salt solutions, hydrocarbons. Non-conductive.	Spheres with resistance to corrosion caused by chemical solutions oxidants, organic chemicals, sterile solutions, mineral water and sea water, ammonia, salt air, etc.	Spheres with excellent chemical inertness to most acids. Excellent for use in metering pumps and valves in contact with strong oxidizing concentrations.	Resistant to most corrosive agents. Not recommended for use with hydrochloric acid and hydrofluoric acid solutions. Maximum abrasion resistance.

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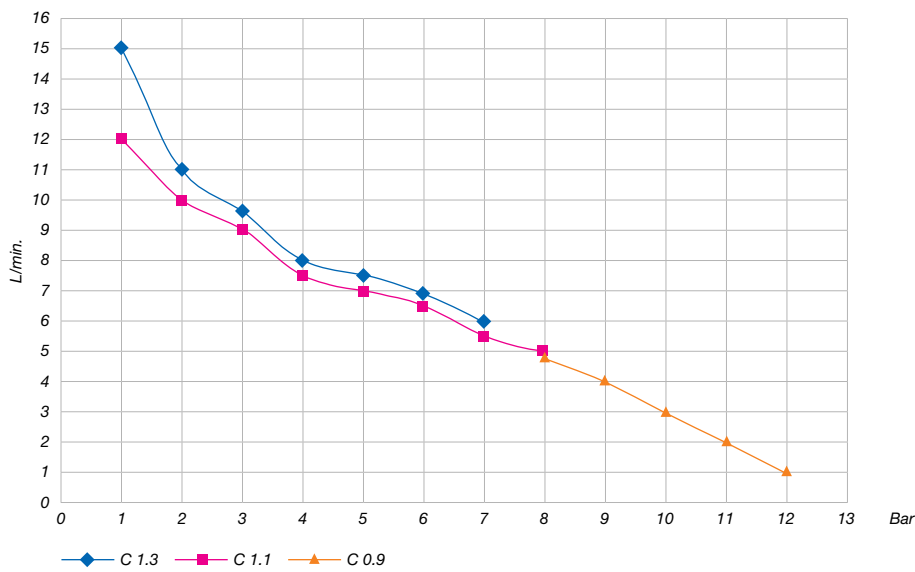


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### Technical data

	Max l/h	Pressure bar	Max cc	Max operating temp °C	Stroke mm	Solenoid ø	pump head material	Power c Watt	Pulses ppm	Weight kg
1.5 - 12	1.5	12	0.14	65	0.9	80	PVDF	50	180	3.5
02 - 11	2	11	0.18	65	0.9	80	PVDF	50	180	3.5
04 - 09	4	9	0.37	65	0.9	80	PVDF	50	180	3.5
05 - 08	5	8	0.46	65	1.1	80	PVDF	50	180	3.5
07 - 05	7	5	0.65	65	1.1	80	PVDF	50	180	3.5
08 - 04	8	4	0.74	65	1.3	80	PVDF	50	180	3.5
10 - 02	10	2	0.92	65	1.3	80	PVDF	50	180	3.5
15 - 0.5	15	0.5	1.39	65	1.3	80	PVDF	50	180	3.5

### Performance curve



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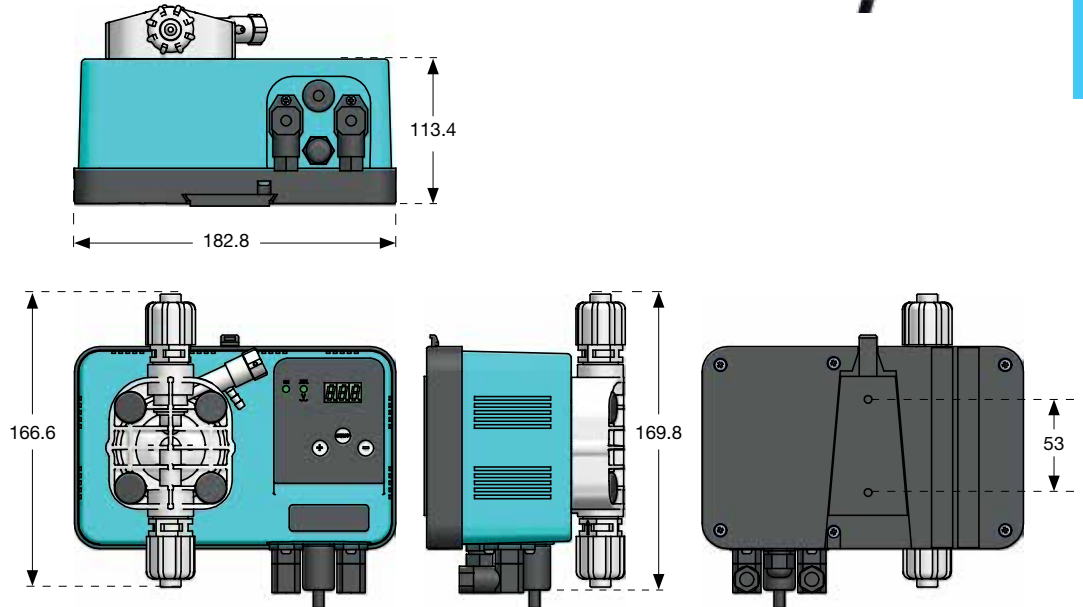
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### Installation example



### Dimensions (in mm)



### Standard installation kit

Injection valve	PVDF foot filter with ball valve	Delivery tube 2 m PE 4x6	Suction tube 2 m PVC 4x6	Bleed tube 1.5 m PVC 4x6

### Accessories

- Probes (ph/Redox/Chlorine Cells)
- Probe holders
- Suction lances
- Mixers
- Tanks & bunds
- Water Meters

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Find your local supplier at [www.verderdos.com](http://www.verderdos.com)

For construction, installation and floor mounting drawings please contact your local authorised Verderdos distributor.

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passion for pumps