

Motor-Driven Metering Pump Vario D

The basic pump for simple applications

ProMinent®



Capacity range 16 – 63 l/h, 10 – 6 bar

The motor-driven metering pump Vario D delivers a high level of process quality for continuous metering within simple metering tasks. It can be used, for example, in the metering of additives or flocculants in chemical metering.

Your benefits

- Excellent suction capacity, gentle metering stroke and consistently precise metering
- Excellent process quality: Metering reproducibility is better than $\pm 2\%$ within the stroke length adjustment range of 30 to 100%
- Flexible adjustment of the pump capacity by means of the stroke length in 1% increments
- Fibreglass-reinforced plastic housing
- Good adaptation to the specific application, thanks to 4 different gear reduction ratios and 2 sizes of liquid ends in 2 material versions
- Power end optionally available with three-phase or single phase AC motor

Field of application

- Chemical metering in potable water, cooling and waste water circuits
- Metering of additives, flocculants etc.



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Technical Data

	Delivery rate at max. back pressure				Suction lift m WC	Permissible suction lift priming pressure bar	Suction and pressure side connector G-DN	Shipping Weight kg
	bar	l/h	ml/stroke	Strokes/min				
12017	10	16.6	3.6	77	7	2.8	3/4-10	6.6
10016	10	16	4	77	7	2.8	3/4-10	
10025	10	24.8	5.4	77	4	1.7	3/4-10	6.6
07026	7	26	4	120	7	2.8	3/4-10	
07042	7	42	4	192	7	2.8	3/4-10	
04039	4	40	5	120	6	1.7	3/4-10	
04063	4	64	5	192	6	1.7	3/4-10	

The shipping weight of all pump types is 6/7.2 kg (PVDF/SS)

Materials in Contact With the Medium

Material	Dosing head	Suction/pressure connector	Seals	Valve balls	Valve seat
PVT	PVDF	PVDF	PTFE	Ceramic	PTFE
SST	Stainless steel material no. 1.4404	Stainless steel material no. 1.4581	PTFE	Stainless steel material no. 1.4404	PTFE

Motor Data

Identity code characteristic	Voltage supply				Remarks
S	3 ph, IP 55	220-240 V/380-420 V	50 Hz	0.07 kW	
		250-280 V/440-480 V	60 Hz	0.07 kW	
M	1 ph AC, IP 55	230 V ±5%	50/60 Hz	0.06 kW	
N	1 ph AC, IP 55	115 V ±5%	60 Hz	0.06 kW	

Motor data sheets can be requested for more information. Special motors or special motor flanges are available on request.

Motors less than 0.75 kW and motors designed for speed-controllable operation are not subject to the IE3 standard in compliance with the Ecodesign Directive 2009/125/EC.

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