

# CHEWATEC VDS I

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**SIMPLE AND UNIVERSAL DOSING**



**8 – 76 l/h**

*Motor-driven diaphragm metering pump*

*VDS I – Standard metering pumps*

# CHEWATEC VDS I

CHEWATEC **VDS I** is motor-driven diaphragm metering pump offering very good performance and reliability for reasonable price.

## Features

- Stroke length: 3 mm
- Stroke length adjustment range 0 – 100 %
- 4 gear reduction ratios  
2 metering head sizes  
2 metering head materials (PP, PVC)
- Flexible adjustment of delivery rate via stroke length in 0-100% increments
- Fiber-glass reinforced plastic housing
- Drive can be supplied with three-phase standard motor or single-phase AC motor

## Areas of application

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

## Technical Information

- **Capacity range:** 8 – 76 l/h
- Backpressure: 10 – 4 bar
- IP protection: IP65
- Stroke length: 0 – 100% (3 mm)
- Material: PP, PVC

## Advantages

- Good suction capacity – controlled metering stroke and consistently precise metering
- High process quality: metering reproducibility better than  $\pm 2\%$  in the stroke length adjustment range from 30 % to 100%
- Flexible adjustment of delivery rate
- A variety of configurations that enable the pump to be ideally matched to the respective metering task

## MATERIAL VERSIONS

Type	Dosing Head	Suction/Discharge Valve	Seals	Balls	Ball seat
PPE	PP	PP	EPDM	ceramic	PP
PCB	PVC	PVC	FPM	ceramic	PVC

## CHEWATEC ACCESSORIES



### Foot Valve

With suction filter and non-return ball for connecting to suction line



### Injection valve

With spring-loaded non-return ball for metering into open and closed systems



### Injection lance

For metering into large pipes, when handling crystallizing media



### Suction lance

With foot valve and level switch, for non-returnable containers or metering tanks.

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## CAPACITY DATA

Type	With 1500 rpm motor at 50 Hz Pump Capacity at max. back pressure				Suction lift mW	Perm. prepressure suction side bar	Connection suction/discharge side G-DN
	bar	l/h	ml/stroke	strokes/min			
10008	10	8	4	38	7	2,8	¾" - 10
10016	10	16	4	77	7	2,8	¾" - 10
07026	7	26	4	120	7	2,8	¾" - 10
07042	7	42	4	192	7	2,8	¾" - 10
04039	4	40	5	120	6	1,7	¾" - 10
04036	4	64	5	192	6	1,7	¾" - 10

## INSTALLATION DIMENSIONS

Dimensions in mm

