

CHEWATEC DS I

Reliable solution for your metering

SIMPLE AND RELIABLE METERING



0,72 – 23 l/h

Solenoid membrane metering pump

Easy-to-use and reliable metering pump

CHEWATEC DS I

CHEWATEC DS I is an electronically controlled solenoid metering pump with a maximum stroke distance of 1,25 mm.

This makes the drive wear-free. The heart of the liquid end is special pump diaphragm which has been tried and tested a million times. It guarantees a high degree of metering accuracy, even at varying system pressures, and a long service life.

CHEWATEC DS I series of metering pumps is protected by two-part housing made of glass-fibre reinforced Luranyl (plastic) rated IP65. Naturally, it is also resistant to aggressive media.

✓ Range:	0,72 – 23 l/h
✓ Pressure:	16 – 1,5 bars
✓ IP protection:	IP65
✓ Stroke length:	30 – 100%
✓ Stroke frequency:	25, 50, 100%
✓ Material:	PP, PVDF
✓ Control:	Manual <u>Pulse signal</u> 0/4-20 mA
✓ Inputs:	External freq. Level switch

NEVER WITHOUT CHEMICALS!

CHEWATEC DS I offers an option for connecting a level switch for monitoring the chemical supply. If the container is empty, the monitor will automatically switch the pump off and provide a visual signal of chemical deficiency on a multifunction display (red light), as an extra safety feature for the user. A special feature makes CHEWATEC DS I ideal for use in water treatment wherever continuous metering is required at capacities ranging from 0.02 l/h to 12 l/h.

The stroke length can be used to adapt the metering output in ratio of 10:1 This specially selected adjustment option provides very high metering accuracy, and reproducibility of the frequency desired.



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.

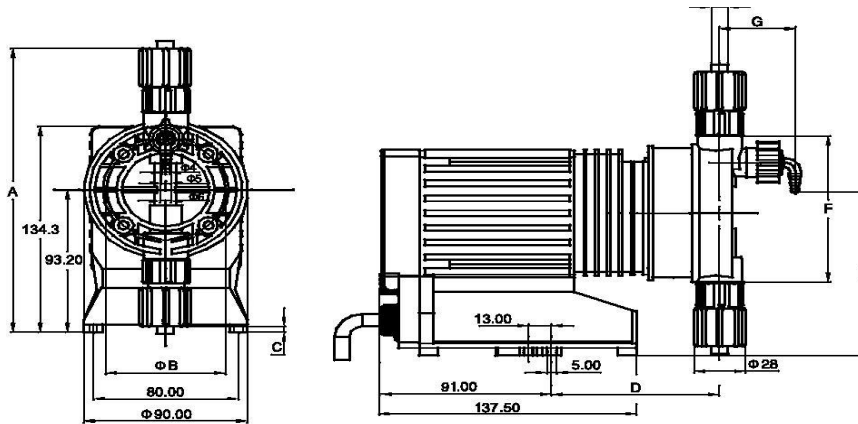
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Capacity Data

Type	Pressure	Max. capacity	Capacity / stroke	Stroke rate	Type	Pressure	Max. capacity	Capacity / stroke	Stroke rate	Type	Pressure	Max. capacity	Capacity / stroke	Stroke rate	Connection	Perm. Admiss. Pressure	Shipping Weight
1600	16	0.72	0.2	60	1601	16	1.14	0.21	90	1602	16	1.44	0.20	120	6x4	8	2.36
										1603	16	2.10	0.20	180	6x4	5.5	2.36
1001	10	2.28	0.42	90	1002	10	3.12	0.43	120	1003	10	4.68	0.42	180	8x5	3	2.4
0703	7	3.6	0.66	90	0803	8	4.8	0.66	120	0806	8	7.2	0.66	180	8x5	3	2.4
0306	3	6.3	1.166	90	0308	3	8.7	1.208	120	0313	3	13.8	1.27	180	8x5	1.5	2.4
0212	1.5	12	2.22	90	0215	1.5	16.5	2.29	120	0223	1.5	24	2.22	180	12x9	0.8	2.5

Installation Dimensions

Measurements in mm



CHEWATEC DS I: 02, 03, 08, 10, 12, 16 Type PP Liquid End

Type DS I:	A	B	C	D	E	F	G	H
0212 0215 0223	185	∅ 66	4	92	107	95	42	12 x 9
0306 0308 0313	183	∅ 66	6.5	86.5	105.5	90	47	8 x 5
0703 0803 0806	183	∅ 66	6.5	86.5	104.5	90	43.5	8 x 5
1001 1002 1003	183	∅ 66	6.5	84	105.5	90	47	8 x 5
1600 1601 1602	177	∅ 50	16	84.5	97	73	47	6 x 4