

Solenoid-Driven Metering Pump Concept C

Compact construction, Reliable performance,
Excellent cost performance

The King of Quality-Price Ratio, Ideal for Low-capacity range

The Concept C precision metering pump extends the metering flow and external control capabilities of the C metering pump with a flow range of 0.72-24 l/h and a back pressure of 16-1.5 bar.

Adopting microprocessor controller, it is equipped with dual adjustment of stroke length and stroke rate as standard, meanwhile, it can meet the manual, pulse and analog signal control modes, so as to realize the diversification of control mode; the material of pump head is PP, and the material of the seal can be equipped with EPDM or FPM, which can be used for the precise metering of different chemicals under various processes.

Compact structure, reliable performance, excellent cost performance has become the majority of our customers' choices.



Type: Solenoid-Driven Metering Pump Concept C
Flow range: 0.72-24 l/h, Back pressure: 16-1.5bar

Product Advantage



Flexible Operation

- 100% range of stroke length adjustment and three-gear (25%, 50%, 100%) stroke rate adjustment configuration, to realize the stroke length and stroke rate dual-adjustment function, so makes it more flexible and controllable to feed chemicals.
- Two switchable frequencies: 100%, 50% + external pulse signal control.
- Two switchable frequencies: 100%, 50% + external analog 4~20 mA current signal control.



Safe and Reliable

- Provide two power supply modes, single-phase supply 220V $\pm$ 10%, 50/60 Hz, wide voltage design, 100 - 250 V, 50/60 Hz; protection class IP65.
- LED indicators for easy identification of the operating status.
- Pump head material PP, sealing can be equipped with EPDM, FPM, strong corrosion resistance; can be connected with single level switch.

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Application



□ Sewage purification



□ Industrial water treatment



□ Dosing liquids



□ Cooling water preparation



□ Water treatment and water disinfection

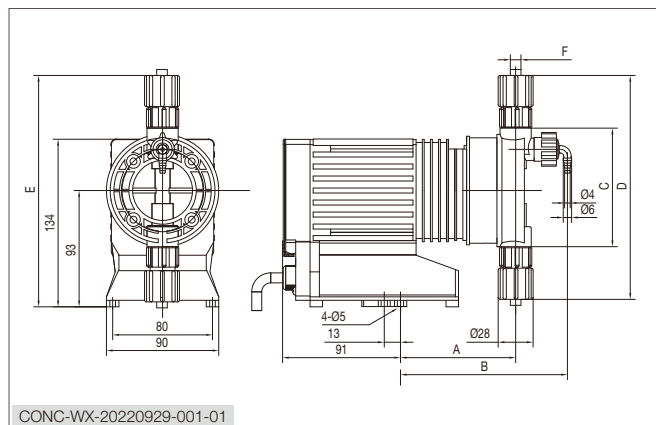
Technical Data

Type	Capacity at max. back pressure			Stroke rate	Connection size Ø x i Ø	Suction lift	Weight
	bar	l/h	ml/stroke	spm	mm	m WC	kg
1600	16	0.72	0.20	60	6x4	6	2.36
1601	16	1.14	0.20	90	6x4	6	2.36
1602	16	1.44	0.20	120	6x4	6	2.36
1603	16	2.10	0.20	180	6x4	6	2.36
0306	3	6.30	1.17	90	8x5	3	2.40
0308	3	8.70	1.21	120	8x5	3	2.40
0313	3	13.80	1.27	180	8x5	3	2.40
0703	7	3.60	0.66	90	8x5	6	2.40
0803	8	4.80	0.66	120	8x5	6	2.40
0806	8	7.20	0.66	180	8x5	6	2.40
1001	10	2.28	0.42	90	8x5	6	2.40
1002	10	3.12	0.43	120	8x5	6	2.40
1003	10	4.68	0.43	180	8x5	6	2.40
0212	1.5	12.00	2.22	90	12x9	1.5	2.50
0215	1.5	16.50	2.29	120	12x9	1.5	2.50
0223	1.5	24.00	2.22	180	12x9	1.5	2.50

Materials in Contact With the Medium

Identity code	Dosing head	Inlet and outlet valve	Seals	Balls	Diaphragm
PP1	PP	PP	EPDM	Ceramic	EPDM/PTFE coating
PP2	PVDF	PP	FPM	Ceramic	EPDM/PTFE coating
PV2	PVDF	PTFE Coating			

Dimensions



Type CONc	A	B	C	D	E	F
0212 0215 0223	90	137	92	182	185	12x9
0306 0308 0313	87	134	90	182	185	8x5
0703 0803 0806	87	134	90	182	185	8x5
1001 1002 1003	85	132	90	182	185	8x5
1600 1601 1602 1603	85	132	74	180	182	6x4

* Dimensions are in mm, actual dimensions may vary depending on the liquid end material.



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