

CONCEPT PLUS

SOLENOID DOSING PUMP



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The CONCEPT PLUS product series covers a capacity range of 0.6 l/h-10 bar to 23 l/h-1.5 bar. Its compact construction makes it ideal for use alongside

general bracket-mounted installations and chemical storage tanks and especially for use with machines such as grinding systems, car-washing systems,

rinsing machines, etc. Regulation of the required dose is infinitely variable via the stroke length in the range of 10-100% or can be set at 1 of the 4 settings via the stroke frequency. This gives an adjustment ratio of 1:40. In addition to manually setting the stroke frequency, the pump can also be set up for use via zero volts contacts, where there is a flow meter or a metering and control system. An "external control" retrofit kit is available for this purpose; the retrofitting can be carried out on-site at the customer's premises. Unlimited flexibility means a saving on storage costs.

The "float" retrofit kit can be supplied for float switch connections.



The material combination of PPE and NPB is available for dosing heads, providing a solution for almost every type of dosing function in the area of water treatment. CONCEPTPLUS offers uncompromising quality and reliability at the best possible price.

Technical data

Pump type		Pump capacity at max back pressure			Pump capacity at medium back pressure			No. of strokes	Size of connection oO x iO	Suc- tion* mWG	Weight of shipment ca.kg
		bar	l/h	ml/stroke	bar	l/h	ml/stroke				
CNPA 1000	PPE/NPB/PVT	10	0.74	0.07	5	0.97	0.09	180	6x4	6	1.8
CNPA 1601	PPE/NPB/PVT	16	1.1	0.10	8	1.4	0.13	180	6x4	6	1.8
CNPA 1002	PPE/NPB/PVT	10	2.1	0.19	5	2.6	0.24	180	6x4	5	1.8
CNPA 0704	PPE/NPB/PVT	7	3.9	0.36	3.5	4.4	0.41	180	6x4	4	1.8
CNPA 0308	PPE/NPB/PVT	3	8.5	0.79	1.5	10.8	1.00	180	8x5	2	1.8
CNPA 0215	PPE/NPB/PVT	1.5	14.9	1.38	1.0	17.6	1.63	180	8x5	1.5	1.8
CNPA 1001	PPE/NPB/PVT	10	1.0	0.10	5	1.31	0.13	240	6x4	6	1.8
CNPA 1602	PPE/NPB/PVT	16	1.5	0.14	8	1.91	0.19	240	6x4	6	1.8
CNPA 1003	PPE/NPB/PVT	10	2.7	0.21	5	3.34	0.33	240	6x4	5	1.8
CNPA 0705	PPE/NPB/PVT	7	5.2	0.34	3.5	5.87	0.59	240	6x4	4	1.8
CNPA 0311	PPE/NPB/PVT	3	11.4	1.25	1.5	14.48	1.45	240	8x5	2	1.8
CNPA 0220	PPE/NPB/PVT	1.5	19.9	1.37	1.0	23.51	2.35	240	8x5	1.5	1.8

* Suction with full dosing head and priming conductor

** Type 0704, 0705 PPE0 only without bleed valve available

Power supply: 230 V, 50/60Hz

Supply comprises: 2 m mains cable with Euro plug, foot valve,

injection valve and 2 m suction line and 5 m discharge line

Optional: External control retrofit kit with 2 m control cable and Float retrofit kit for connecting a single-stage

float switch via terminal,

1022099

Medium contact materials by model

Liquid end	Dosing Head	Suction/pressure connector	Ball valve	Seals
PPE	Polypropylene	Polypropylene	Ceramic	EPDM
PVT	PVDF	PVDF	Ceramic	PTFE
NPB	Acrylic	PVC	Ceramic	FPM B (Viton® B)

DEVELOPAN® diaphragm with PTFE coating in all models

Viton® is a registered trademark of DuPont Dow Elastomers



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