

CONCEPT^{PLUS} SOLENOID DOSING PUMP



CONCEPT^{PLUS}

The CONCEPT^{PLUS} product series covers a capacity range of 0.6 l/h-10 bar to 4 l/h-7 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 2 and NPB 2 with bleeding valve is available for dosing heads, providing a solution for almost every type of dosing function in the area of water treatment.

CONCEPT^{PLUS} 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			Stroke frequency strokes/min	Size of connection ø x iØ	Suction* mWG	Weight of shipment ca. kg
	bar	l/h	ml/stroke	bar	l/h	ml/stroke				
CNPA 1000 PPE2 00A01 CNPA 1000 NPB2 00A01	10	0.6	0.06	5	0.8	0.08	180	6x4	6	1.8
CNPA 1601 PPE2 00A01 CNPA 1601 NPB2 00A01	16	1.0	0.09	8	1.4	0.13	180	6x4	6	1.8
CNPA 1002 PPE2 00A01 CNPA 1002 NPB2 00A01	10	2.0	0.19	5	2.6	0.24	180	6x4	5	1.8
CNPA 0704 PPE0 00A01** CNPA 0704 NPB2 00A01	7	3.9	0.36	3.5	4.5	0.42	180	6x4	4	1.8
CNPA 0308 PPE2 00A01 CNPA 0308 NPB2 00A01	3	8.0	0.74	1.5	10.8	1.00	180	8x5	2	1.8
CNPA 0213 PPE2 00A01 CNPA 0213 NPB2 00A01	1.5	13.5	1.25	1	15.5	1.44	180	8x5	1.5	1.8

* Suction with full dosing head and priming conductor

** Type 0704 PPE0 only without bleed valve available

Power supply: 230 V, 50/60 Hz

Supply comprises: 2 m mains cable with open end, foot valve

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

External control retrofit kit with 2 m control cable

1022099

Float retrofit kit for connecting a single-stage

float switch

Medium contact materials by model

Liquid end	Dosing Head	Suction/pressure connector	Ball valve	Seals
PPE	Polypropylene	Polypropylene	Ceramic	EPDM
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



Subject to technical alterations.
Printed in Germany / AL CO 002 10/04 GB

Addresses and delivery information from the Manufacturer:

ProMinent Dosiertechnik GmbH
Im Schuhmachergewann 5-11
69123 Heidelberg · Germany
Telefon +49 6221 842-0
Fax +49 6221 842-419
info@prominent.com
www.prominent.com

ProMinent®