

ProMinent Fluid Controls Pty Ltd

ProMinent®



Concept PLUS

Regulation of the require dose is infinitely variable via the stroke length in the range of 10-100 % or can be set at 1 of the 4 setings 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 retro fitting 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.

The CONCEPT PLUS product series covers a capacity range of 0.6 l/h-10 bar to 13.5 l/h-1.5 bar. Its compact construction makes it ideal for use along side general

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

Pump type	Minimum delivery rate at maximum back pressure			Minimum feed rate at medium back pressure			Max. stroke rate	Connection size ext. Ø x int. Ø	Priming lift*	Priming lift**	Admissible priming pressure Intake
	bar	l/h	ml/ stroke	bar	l/h	ml/ stroke					
1000	10	0.6	0.07	5	0.8	0,08	180	6x4	6	1.8	8
1601	16	1.0	0.10	8	1.4	0.13	180	6x4	6	2.0	8
1002	10	2.0	0.18	5	2.6	0.24	180	6x4	5	2.5	5.5
0704	7	3.9	0.39	3.5	4.5	0.42	180	6x4	4	3.0	3
0308	3	8.0	0.74	1.5	10.8	1.00	180	8x5	2	2.0	1
0213	1.5	13.5	1.42	1.0	15.5	1.4	180	8x5	1.5	1.5	0.5

Type 0704 PPE0 only without bleed valve available.

Pump Supply comprises: Pump with 2 m mains cable, foot valve, injection valve and 2 m suction line and 5 m discharge line.

Options: External control retrofit kit with 2 m control cable and Float retrofit kit for connecting a single-stage float switch 1022099

* Suction lift with filled suction line and liquid end

** Priming lifts with clean and wetted valves, metering fluid, water (20 °C), at 100 % stroke length, 180 strokes/min, atmospheric pressure outlet and/or open venting valve and correctly installed lines.

Materials

Housing: PPE, glass fibre reinforced.

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

Electrical data

Mains frequency: 50 Hz / 60 Hz 240 volts

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