

CONCEPT PLUS

ProMinent®

The **ProMinent® 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.

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 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 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 PPE2, NPB2 and PVT2 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.



Materials

Housing:	PPE, glass fibre reinforced.		
	Medium contact materials by model		
Liquid End:	PPE	NPB	PVT
Dosing Head:	Polypropylene	Acrylic	PVDF
Suction/Pressure			
Connector:	Polypropylene	PVC	PVDF
Ball Valve:	Ceramic	Ceramic	Ceramic
Seals:	EPDM	FPM B	PTFE

Electrical Data

Mains frequency: 50Hz / 60 Hz 240Volts.

Pump Type	Minimum delivery rates at maximum back pressure			Minimum feed rate at medium back pressure			Max. stroke rate	Connection size ext. ø x int. ø	Suction 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.

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