

# CONCEPT PLUS

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 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.



## Materials

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

## Electrical Data

Mains frequency: 50Hz / 60 Hz 240 Volts.

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**	Admissable 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 switch1022099

\* 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.