

WATERICON

Precise and Simple Adaptation

Solenoid Metering Pump Beta®/ 4b

ProMinent®



The solenoid metering pump Beta® is equipped with all setting and control functions for modern water treatment and chemical metering. As compared to its predecessor model, it features a pulse step down and step up function. This facilitates a more accurate adaptation to external signal transducers. The result is an easier and more precise adjustment of the metering to the actual requirements.

Thanks to the use of new technologies, the energy consumption could be reduced by approx. 10 %. The Beta® can be easily re-adjusted during operation.

- Pulse-controlled step up and step down for optimal adaptation to existing signal transducers
- For each chemical a matching liquid end
- Thus universal use possible
- Drive with almost no wear
- Excellent permanent operation properties
- Optimal price/performance ratio
- Energy saving of 10 % thanks to higher efficiency
- Adjustable, integrated pulse step up and step down
- Stroke length adjustment continuously between 0 – 100 %
- Stroke frequency adjustment in 10 steps from 10 – 100 %
- Wide-range supply voltage 100 to 230 VAC
- 3 LED display for operation, warning and error messages
- Optional: Relay module, quick and easy to refit

Technical Data:

Model:	L/hr	Pressure	Strokes/min	mL/stroke
BT4b1602PPE	2,1 L/hr	16Bar	180	0,20
BT4b0708PPE	7 L/hr	7Bar	180	0,66

Watericon Head Office
Office J2 Pinelands office Park
Ardeer Road, Modderfontein
Johannesburg
South Africa
www.watericon.co.za
info@watericon.co.za



For further information, please visit:
www.prominent.com

Solenoid Metering Pump Beta®/ 4b and Beta®/ 5b

Application focuses

Metering of chemicals and disinfectants:

- Drinking water and swimming pool water treatment
- Chemical applications
- Process engineering
- Cooling water circuits

Technical data

Beta®/ 4b at 180 strokes/minute and 100 % stroke length

Pump type	Max. output at maximum backpressure			stroke frequency	Connection size	Suction height	Mean power consumption [W]
	bar	l/h	ml/stroke				
1000	10	0.74	0.069	180	6x4	6	7.2
1601	16	1.1	0.1	180	6x4	6	9.6
1602	16	2.2	0.2	180	6x4	6	11.2
1604	16	3.8	0.35	180	6x4	5	15.2
0708	7	7.1	0.66	180	8x5	4	15.2
0413	4	12.3	1.14	180	8x5	3	15.2
0220	2	19	1.76	180	12x9	2	15.2

Beta®/ 5b at 180 strokes/minute and 100 % stroke length

2504	25	2.9	0.27	180	6x4	4	19.2
1008	10	6.8	0.63	180	8x5	3	19.2
0713	7	11.0	1.02	180	8x5	3	19.2
0420	4	17.1	1.58	180	12x9	3	19.2
0232	2	32.0	2.96	180	12x9	2	19.2

Experts in Chem-Feed and Water Treatment

ProMinent Dosiertechnik GmbH

Im Schuhmachergewann 5-11

69123 Heidelberg

Telephone: +49 6221 842-0

Fax: +49 6221 842-419

info@prominent.com

www.prominent.com