

# Precise and Simple Adaptation

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



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



# Solenoid Metering Pump Beta<sup>®</sup>/ 4b and Beta<sup>®</sup>/ 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<sup>®</sup>/ 4b at 180 strokes/minute and 100 % stroke length

Pump type	Max. output at maximum backpressure			stroke frequency Strokes/min	Connection size mm	Suction height m	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<sup>®</sup>/ 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

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