



## SIMPLE AND COST-EFFICIENT DMB dosing pumps from 1.0 to 18.2 l/h

### General

The DMB dosing pump range comprises several variants for general or specific dosing purposes. Dosing heads and valves are available in different materials to suit a wide range of general water treatment and industrial applications.

Whichever model you choose, you get a sturdy, cost-efficient dosing pump based on a well-proven synchronous motor design. The DMB range can handle dosing capacities from 1.0 to 18.2 l/h and pressures up to 10 bar.

### Proven synchronous-motor technology

The tried-and-tested synchronous motor technology used in the DMB range combines robustness and precision. It keeps pulsation low and performance high.

This means less stress to all system components, such as pipes and valves, and leads to longer service intervals for the entire system.

### Silent operation

Regardless of the model, the DMB pump is among the most silent pumps of its type available on the market today. It keeps its noise emission down to just 45 dB(A) (testing according to DIN 45635-01-KL3).

### Accessories for the entire system

A wide range of accessories specially designed for Grundfos dosing pumps helps optimise the performance of the entire system.

Installation sets comprising pump connections, hoses, foot valve and injection unit are optionally available.

We also offer accessories such as pressure loading valves and pressure relief valves.

### Applications

Tasks like disinfection, coagulation, flocculation, precipitation in various application fields:

- Treatment of industrial and municipal water
- Industrial cleaning
- Car wash
- Paper production/paper finishing
- Optical technology and chip production
- Chemical industry
- CIP cleaning and disinfection (dairies, breweries, etc.)
- Galvanic industry and surface treatment
- Air conditioning/cooling towers
- Mechanical and chemical engineering

## Technical data

DMB	Max. capacity [l/h]	Max. pressure [bar]	Stroke volume [cm <sup>3</sup> ]	Stroke frequency [Hz]	Voltage	Accuracy		Max. suction lift (continuous operation) [m]	Turn-down ratio
						Flow	Linearity		
DMB 1.0-10	1	10	0.14	120	230/240 V, 50/60 Hz or 110/120 V, 50/60 Hz	+/-1.5 % within the control range 1:10	+/-4 %	6.0	1:10
DMB 3.0-10	3	10	0.42						
DMB 5.0-6	5	6	0.69						
DMB 6.5-7	6.5	7	0.90						
DMB 9.0-6	9.0	6	1.24						
DMB 18.2-2	18.2	2	2.53						

## Performance range

