

motralec

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SIMPLE AND COST-EFFICIENT DOSING from 0.3 to 18 l/h

Variations on the synchronous motor theme

The DMI 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 pump based on a well-proven synchronous motor design. The DMI range can handle dose rates from 0.3 to 18 l/h and pressures up to 16 bar.

Silent operation

Regardless of model, the DMI 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).

Flexible installation

The DMI is suitable for both horizontal and vertical installation. If installed horizontally, the control elements are located on the unit's top for easy access.

Proven synchronous-motor technology

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

The DMI A or B: With or without signal inputs

The 'standard' version of the DMI range is suitable for a wide range of dosing tasks. Choose between version B, designed for simple manual control, or version A which offers more sophisticated control features. Examples include: Contact signal control with multiplier/divisor that converts signals into strokes as appropriate; stroke frequency control; access to check functions and deaeration, and optional memory function.

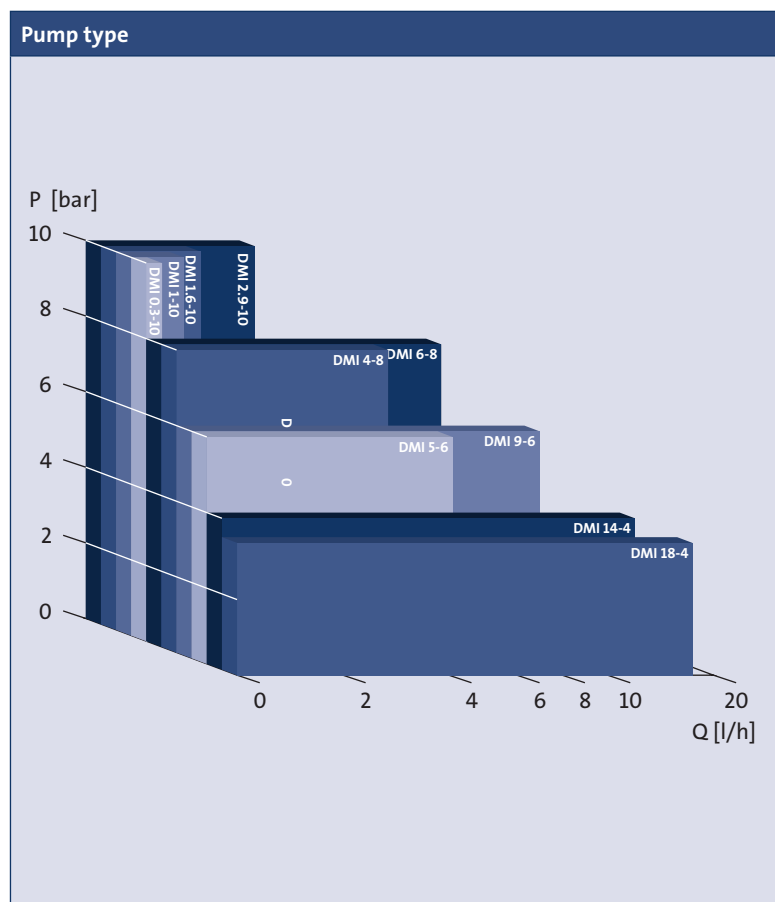
Choose between control options

The DMI A series can be set to either proportional control or fine dosing by pressing a key. The proportional control mode lets the unit offer pulse control in accordance with external contact signals such as water meters and other sensor and control units.

Technical Specifications

DMI	Max. capacity (l/h)	Max. pressure (bar)	Freq. 50Hz (spm)	Stroke volume	Voltage	Accuracy		Max. suction lift	Turndown ratio
						Flow	Linearity		
DMI 0.3-10	0.3	16	120	0.04	1 x 230 V, 50/60 Hz or 1 x 115 V, 50/60 Hz	+/- 1.5%	+/- 4%	6 m	1:10
DMI 0.8-16	0.8	16	120	0.13					
DMI 1-10	1	10	120	0.14					
DMI 1.1-16	1.1	16	120	0.16					
DMI 1.6-10	1.6	10	120	0.22					
DMI 2.9-10	2.9	10	120	0.42					
DMI 3.6-16	3.6	16	120	0.50					
DMI 4-8	4	8	120	0.55					
DMI 5-6	5	6	120	0.69					
DMI 6-8	6	8	120	0.84					
DMI 9-6	9	6	120	1.24					
DMI 14-4	14	4	120	1.92					
DMI 18-4	18	3.5	120	2.46					

Performance range



Application areas

- Treatment of industrial and municipal water
- Industrial cleaning
- Carwashes
- 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