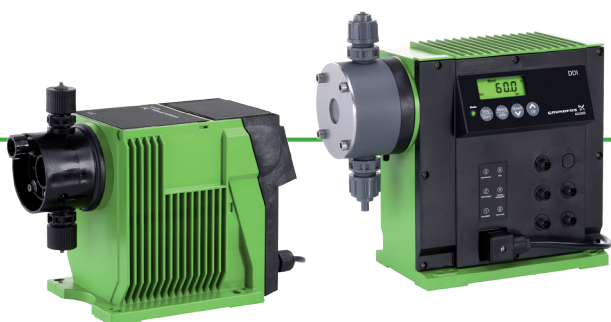




Digital Dosing up to 150 l/h

General

The DDI range was created because dosing is precision work. But it need not be hard work. These compact units combine perfect precision with a user interface that lets you set the dosing rate you want directly on the unit – without spending time on complicated calculations beforehand. The DDI is an excellent addition to the well-proven DME range.

DDI 209

- The DDI AR series is the backbone of the overall DDI range. Its innovative drive technology combines a powerful stepper motor with integrated contact signal control to bring you smoother, more accurate dosing. The user interface gives you a full range of options for customising the dosing process.
- The DDI AM models have all of the overall DDI benefits and bring you three-in-one dosing: it doses, measures, and regulates all by itself. It eliminates the need for additional equipment by combining precision dosing, continuous flow measurement, and setpoint monitoring in a single unit.

DDI 222

Diese Pumpe ist eine Erweiterung der DDI 209 und bringt eine Leistung bis zu 150 l/h. Mit dem zweistufigen Slow Mode System können zuverlässig und digital hochviskose Medien bis 2600 mPas bei hoher Prozessqualität dosiert werden.

Features

- Straightforward input and monitoring of the dosing rate in l/h or gal/h with perfect calibration, delivering a unique level of precision
- Smooth, virtually continuous dosing guarantees top process quality and optimum media miscibility
- The Slow Mode decelerates the suction stroke in a way, that even very viscous liquids are dosed with high precision
- Optimum suction ensures that even very small quantities can be dosed reliably
- Thanks to the powerful stepping motor, DDI model 209 doses with unrivalled precision, stability and effectiveness
- Versatile digital control for customised processes
- Special valve combinations for particularly viscous media
- Various possibilities for individual applications, e.g. contact or analogue signal control, batch dosing with or without timer

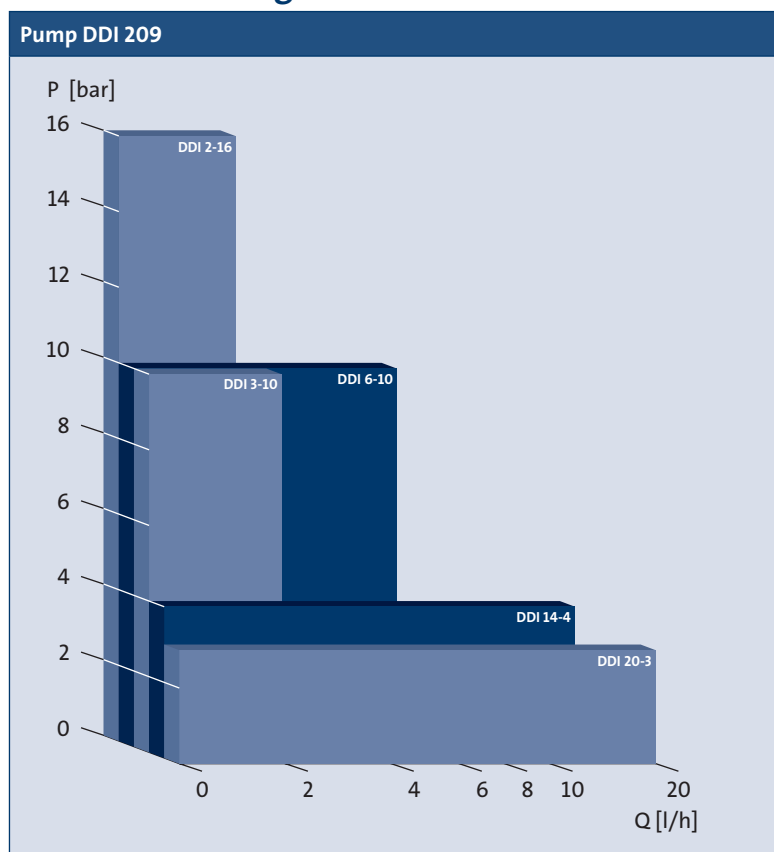
Application

- Industrial- and municipal water
- Industrial cleaning
- Carwashes
- Paper production/paper finishing
- Optical technology and chip production
- Chemical industry
- CIP cleaning and disinfection
- Galvanic industry and surface treatment
- Air conditioning/cooling towers

Performance data

Pump	Normal operation		Slow Mode step 1		Slow Mode step 1		V _{stroke} [ml] (p = 3 bar)
	Q [l/h]	P _{max} [bar]	Q [l/h]	P _{max} [bar]	Q [l/h]	P _{max} [bar]	
DDI 209-0.4D	0.004 - 0.4 ¹⁾	10	0.004 - 0.26	10			0.069
DDI 209-2.2D	0.025 - 2.2	16	0.025 - 1.5	16			0.276
DDI 209-2.5D	0.025 - 2.5	10	0.025 - 1.7	10			0.276
DDI 209-5.5D	0.055 - 5.5	10	0.055 - 3.7	10			0.587
DDI 209-13.8D	0.138 - 13.8	4	0.138 - 9.2	4			1.360
DDI 209-20D	0.200 - 20	3	0.200 - 13.3	3			1.950
DDI 222-60D	60	10	40	10	24.7	10	6.63
DDI 222-150D	150	4	100	4	62	4	13.9

Performance range



Available in duplex version - double capacity