



DIGITAL DOSING™

DME

0.02 to 39.6 GPH (60 - 150 l/h)

Grundfos has applied innovative technology to expand the Digital Dosing pump range, allowing it to handle liquids in much larger quantities. Perfect for large water and wastewater treatment plants, textile industries, pulp and paper industries, and many other demanding applications, the new, large DME pumps bring the benefits of Digital Dosing to a new circle of users worldwide.

Familiar Digital Dosing benefits

The large DME pumps have all the benefits of the highly acclaimed smaller Digital Dosing range, making exact dosing easier than ever.

Easy-to-use digital user interface

The simple display allows everyone to be their own dosing specialist. With just a few buttons, you can navigate the straightforward menus to use the impressive range of standard control features – including pulse, analog, timer, batch, and anti-cavitation control – as well as simple calibration and much more.

Turndown ratio 1:800

Digital Dosing pumps can be adjusted to 1/800 of their maximum capacity. Two new sizes provide even more flexibility, from 0.02 to 39.6 GPH (75 to 150 ml/h).

Full stroke length at all times

Grundfos is the only pump manufacturer to use a full stroke length every time. The speed of each stroke is carefully timed, ensuring even concentration in the system and optimal priming throughout the entire operating range.

Smooth, continuous dosing

A brushless DC motor eliminates the need for a servo motor/frequency converter. The result is smooth, continuous dosing, which greatly improves the performance of sensors and measuring devices that read the impact of your chemical feed program.

Anti-cavitation

For handling viscous polymers or other difficult liquids, slow down the speed of the suction stroke to 75%, 50%, or 25% of the maximum speed.

Fieldbus communication available

Available with Profibus interface.

Overload protection

Built-in overload protection monitors pump counter pressure and protects against exceptionally high pressure loads.

Switch-mode power supply

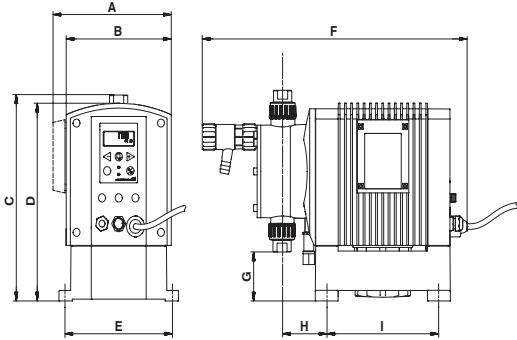
The switch-mode power supply ensures that Grundfos Digital Dosing pumps can be used worldwide within the 100–240V, 50/60Hz range.

Several material variants

The DME pump heads are available in stainless steel, PVDF, and environmentally friendly, cost-efficient polypropylene.

Dimensions [in (mm)]

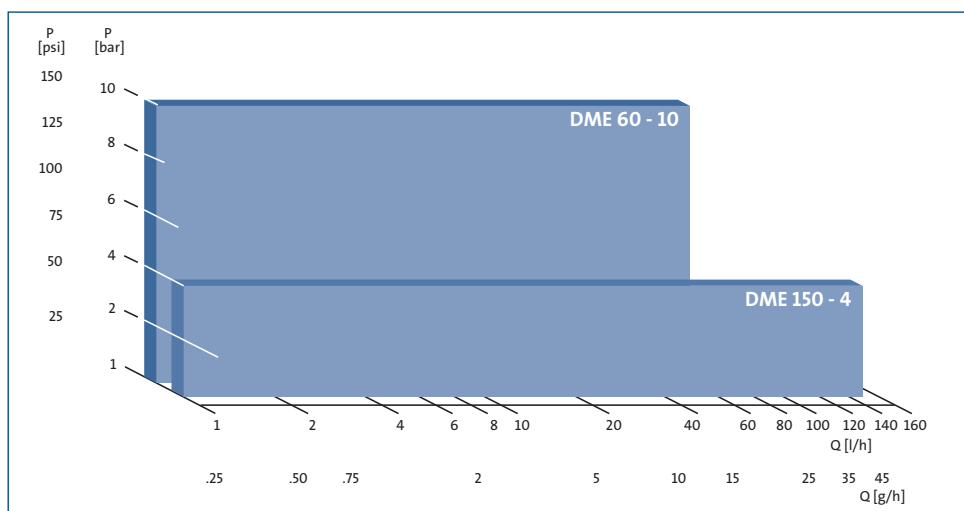
	DME 60-10	DME 150-4
A	6.93 (176)	
B	7.8 (198)	
C	13.03 (331)	13.58 (345)
D	11.18 (284)	
E	7.09 (180)	
F	17.48 (444)	
G	1.61 (41)	1.10 (28)
H	2.91 (74)	
I	7.36 (187)	



Product range and performance data

Pump type		DME 60-10	DME 150-4
Max. capacity at max. pressure	GPH (l/h)	15.85 (60)	39.6 (150)
Min. capacity	GPH (l/h)	0.0198 (0.075)	0.0497 (0.188)
Max. pressure	psi (bar)	145 (10)	58 (4)
Setting range		1:800	
Stroke frequency	spm	160	
Power supply	V, Hz	1×100-240V, 50-60 Hz	
Accuracy	%	±1% repeatability	
Pump head material		PP, PVDF, stainless steel	
Suction lift	ft (m)	13.1 (4)	
Viscosity	cps	3000	

Performance range



L-DD-SL-011 Rev. 7/05 (US)
 Subject to alterations

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