Digital Dosing Pumps

GRUNDFOS DME

The DME Digital Dosing pumps combine perfect precision and user-friendliness for large dosing quantities from 15.9 to 248 gph, offering all the benefits of the highly acclaimed smaller Digital Dosing range, making accurate dosing easier than ever.

KEY FEATURES AND BENEFITS

- Wide dosing range with a turndown ratio of 800:1 for a range of water supply, wastewater and water treatment applications
- Easy to install, the operator can set the pump to discharge exactly the quantity of dosing liquid required in the application
- Available with Profibus interface to supply performance data and status information for quality control, preventive maintenance and future reference
- The dosing heads of DME pumps are available in stainless steel, PVDF, and environmentally friendly, cost-efficient polypropylene
- Simple display allows easy navigation of the 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
- Anti-cavitation: slows down the suction stroke speed 75%, 50%, or 25% to facilitate handling viscous fluids
- DME uses a full stroke length every time, and the speed of each stroke is carefully timed, ensuring even concentration in the system and optimal priming throughout the entire operating range.
- Built-in overload protection monitors pump counter pressure and protects against exceptionally high pressure loads

APPLICATIONS

- Drinking water treatment
- Water distribution
- Wastewater transport
- Wastewater treatment
- Pulp and paper
- Textile industry

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TECHNICAL DATA

DME INFORMATION	
FLOW, Q:	0.2 to 248 gph
OPERATING PRESSURE:	60 to 145 psi
TURNDOWN RATION:	max. 800:1

PERFORMANCE DATA

[PSI]

145 —

DME
60 Hz

DME
60-10

DME
375-10

58 —

DME
150-4

DME
940-4

0 —

1   15.9 39.6   99 248

Q [gph]
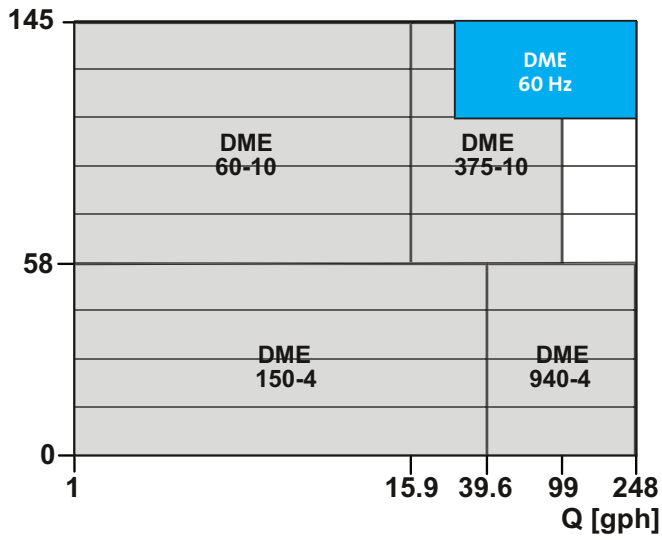
Visit grundfos.us/pei to learn more about Department of Energy (DOE) pump energy index (PEI) requirements and PEI ratings on specific Grundfos models.

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