



HYDRAULIC DIAPHRAGM DOSING from .77 to 2 x 278 GPH (2.2 to 2 x 1,150 l/h)

The preferred choice for difficult tasks

The Grundfos DMH range is a series of hydraulic pumps for situations that demand a higher quality pump. With its high accuracy and modern interface possibilities, the DMH is ideal for many applications in water treatment and industrial processing.

Prepared for performance and safety in extreme situations

The DMH 250 series of pumps is available in PVC, PVDF, polypropylene, stainless steel and Hastelloy C wetted components. For higher pressure requirements, select from the series of stainless steel or Hastelloy C DMH 280 pumps, rated up to 2900 PSI. All models are fitted with a PTFE diaphragm, with the AMS diaphragm protection system and internal relief valve for pump protection.

Get the pump configuration you need

Manually control capacity by adjusting the stroke length from 0 to 100% with +/- 1% repeatable accuracy. Additional options include:

- Duplex version for doubled capacity or blending applications
- electric 4-20 mA servomotor or pneumatic stroke length control
- variable speed drive controller
- integrated stroke sensor and electronic counter
- leak detection

Typical applications:

- Municipal and industrial water treatment
- Waste water treatment
- Chemical industry
- Boiler feed
- Petroleum industry
- Filtration systems
- pH control
- Demineralizers
- Pulp & paper
- Textile
- Food & beverage

API 675 models

DMH 250 and 280 series pumps are available in API 675 compatible versions. This is commonly used in petroleum, chemical refineries, and transmission pipeline applications.

DMH 250 technical specifications

DMH 250 Series Pump	Max capacity		SPM (at 60 HZ)	
	GPH	PSI		
251	2.2-25	0.69	363	17
	2.3-16	0.74	232	17
	2.4-10	0.77	145	17
	4.5-25	1.43	363	35
	4.9-16	1.55	232	35
	5-10	1.58	145	35
	11-25	3.43	363	75
	12-16	3.7	232	75
	13-10	4.22	145	75
	17-25	5.28	363	115
	18-16	5.81	232	115
19-10	6.07	145	115	
252	10-16	3.17	232	35
	11-10	3.45	145	35
	23-16	7.13	232	75
	24-10	7.66	145	75
	36-16	11.35	232	115
	37-10	11.62	145	115
253	21-10	6.6	145	35
	43-10	13.7	145	75
	67-10	20.6	145	115
	83-10	26.1	145	144
254	50-10	15.8	145	32
	97-16	30.6	232	65
	102-10	32.2	145	65
	136-16	43	232	90
	143-10	45.4	145	90
	166-16	52.8	232	110
	175-10	55.4	145	110
	202-16	63.9	232	134
	213-10	67.3	145	134
255	194-10	61.5	145	65
	270-10	85.5	145	90
	332-10	105	145	110
	403-10	128	145	134
257	220-10	69.7	145	33
	440-10	139.4	145	65
	575-10	182.2	145	90
	770-10	244	145	110
	880-10	278	145	134

DMH 280 technical specifications

DMH 280 Series Pump	Max capacity		SPM (at 60 HZ)	
	GPH	PSI		
280	1.5-200	0.5	2900	76
	2.2-200	0.7	2900	115
	2.8-200	0.9	2900	144
281	2-100	0.6	1450	35
	4.2-100	1.3	1450	76
	6.4-100	2	1450	115
	8-100	2.5	1450	144
283	19-100	6.1	1450	65
	27-100	8.4	1450	90
	33-100	10.6	1450	110
	40-100	12.7	1450	134
285	20-100	6.3	1450	33
	40-100	12.7	1450	67
	52-100	16.6	1450	88
	70-100	22.2	1450	118
	80-100	25.3	1450	134
286	85-50	26.9	725	67
	111-50	35.1	725	88
	170-50	53.9	725	134
287	18-200	5.8	2900	67
	23-200	7.4	2900	88
	31-200	9.8	2900	118
	36-200	11.4	2900	134
288	7.5-200	1.1	2900	67
	10-200	2.4	2900	88
	13-200	3.3	2900	118
	16-200	4.1	2900	134

Motor	DMH B - No motor, Nema 56 C flange DMH 285, 286, 287 - NEMA 145 TC flange DMH AR - 1ø115V, 60 HZ DMH AR - Models 251, 252, 253, 280, 281 only
Accuracy	Flow +/- 1.5% Linearity +/- 2%

L-DMH-SL-01 5/06 (US)
Subject to alterations