DMX – Reliable Dosing from 0.13 to 2 x 166 gph (630 l/h)

DMX 221 and 226 – Versatility Through Choice

The Grundfos DMX is a series of high-quality mechanically actuated diaphragm pumps suitable for many uses, such as drinking water treatment, wastewater treatment, and the pulp/paper and textile industries. This series is designed to be highly versatile, which is reflected in the wide flow range covered and the choice of dosing head sizes, materials, and accessories available. If in doubt, ask us – we will help you configure the DMX that is best for you.

Manual or Remote Reliable Control

DMX B models feature a manual stroke length adjustments for a 10:1 turndown ratio. For additional control the DMX AR features a micro-processor controller with:

- Precise and automatic proportional feed
- Manual stroke frequency control
- 0(4)-20 mA or pulse control
- Menu driven display with user-friendly interface
- Low-level and empty output
- Remote on/off control

Choose the Materials – and Size – That Suit You

Both the DMX 221 and 226 liquid ends are available in PVC, PVDF, polypropylene, and stainless steel. For additional output and flexibility, the DMX 226 is available in a duplex version.

Accessories Insure Perfect System Integration

A wide range of accessories specially designed for the Grundfos DMX series help optimize performance. This makes commissioning fast and easy. Other accessories are also available to make sure that your Grundfos DMX fits your system exactly, such as:

- Back pressure valves for dosing systems with no or varying back pressure
- Servomotor for remote stroke length control via 4-20 mA input
- DMX AR dosing controller with output to indicate a loss
- DMX AR with leak detection
- DMX with integrated pressure relief valve in the pump head

Technical Specifications

DmX 221 Pump	Max capacity		SPM	Max Viscosity*	Max suction lift*		Motor voltage	Accuracy flow	Linearity
	GPH (l/hr)	psi (bar)	(at 60 hz)	cps	Primed (ft)	Dry (ft)			
4-10	1.3 (5)	145 (10.0)	35	400	13.1	13.1	1ø 115V, 50/60 Hz	+/- 1.5%	+/- 4%
7-10	2.1 (8)	145 (10.0)	35	400	13.1	13.1			
7,2-16	2.3 (8.6)	232 (16.0)	75	400	13.1	13.1			
8-10	2.6 (10)	145 (10.0)	75	400	13.1	13.1			
9-10	2.9 (11)	145 (10.0)	35	200	9.8	9.8			
12-10	3.7 (14)	145 (10.0)	35	200	9.8	8.2			
13,7-16	4.0 (16)	232 (16.0)	144	200	11.5	8.2			
14-10	4.5 (17)	145 (10.0)	75	400	13.1	13.1			
16-10	5.0 (19)	145 (10.0)	144	200	11.5	8.2			
17-4	5.3 (20)	58 (4.0)	35	200	3.3	3.3			
18-10	5.8 (22)	145 (10.0)	75	200	9.8	9.8			
25-3	7.9 (30)	44 (3.0)	35	200	3.3	3.3			
26-10	8.2 (31)	145 (10.0)	75	200	9.8	8.2			
27-10	8.4 (32)	145 (10.0)	144	200	11.5	8.2			
35-10	11.0 (42)	145 (10.0)	144	100	8.2	6.5			
39-4	12.0 (47)	58 (4.0)	75	100	3.3	3.3			
50-10	16.0 (60)	116 (8.0)	144	100	8.2	4.9			
60-3	19.0 (72)	44 (3.0)	75	100	3.3	3.3			
75-3,5	24.0 (90)	51 (3.5)	144	100	1.6	1.6			
115-3	36.0 (138)	36 (2.5)	144	100	1.6	1.6			

DMX 226 Pump	Max capacity (Duplex x 2)		SPM	Max Viscosity*	Max suction lift*		Motor voltage	Accuracy flow	Linearity
	GPH (l/hr)	psi (bar)	(at 60 hz)	cps	Primed (ft)	Dry (ft)			
52-8	16.4 (62)	116 (8.0)	76	700	8.2	3.2	DMX-B: no motor, Nema 56 C flange DMX-AR: 1ø115V, 60 Hz	+/- 1.5%	+/- 4%
67-10	21.1 (80)	145 (10.0)	68	700	8.2	3.2			
82-5	25.9 (98)	72 (5.0)	76	500	8.2	3.2			
95-8	30.0 (114)	116 (8.0)	68	500	8.2	3.2			
100-8	31.7 (120)	116 (8.0)	144	400	8.2	3.2			
130-3	41.2 (156)	44 (3.0)	76	400	6.6	3.2			
132-10	41.7 (158)	116 (8.0)	144	400	8.2	3.2			
152-6	48.0 (182)	87 (6.0)	68	400	6.6	3.2			
160-5	50.7 (192)	72 (5.0)	144	200	8.2	3.2			
199-8	63.1 (239)	116 (8.0)	144	200	8.2	3.2			
249-3	78.9 (299)	44 (3.0)	68	100	3.2	1.6			
255-3	80.8 (306)	44 (3.0)	144	100	6.6	3.2			
321-6	102.0 (385)	58 (4.0)	144	100	6.6	3.2			
525-3	166.3 (630)	44 (3.0)	144	50	3.2	1.6			

*Note: Suction lift data is for water-like fluids. Please see the pump manual for more details and dimensional data.