

1.1.1.

DOSA Tec Solenoid-driven diaphragm dosing pump VMS MF

Solenoid-driven diaphragm dosing pump for precise dosing of liquid media



Product description:

- Capacity: 0 – 16 l/h, pressure range: 0 – 20 bar
- Pump head material: PVDF; PP (optional)
- Seals material: Viton[®], EPDM
- Diaphragm material: PTFE
- Power supply: 230 VAC
- Alternative power supply: 115 VAC (24 VAC, 12 VDC, 24 VDC available on request)
- Manual pump head priming valve
- Suitable for wall mounting
- Manual stroke frequency adjustment
- Inputs:
 - Level control
 - External dosing start
 - Pulses
 - 4 – 20 mA signal
 - 0 – 10 V signal
- Modes:
 - Pulse multiplication
 - Pulse division
 - Conversion of analogue signals
 - Dosing of pre-set volumes
- Available languages: DE, EN, FR

Areas of application:

- Dosage of small and medium fluid volumes (water treatment, process industry, acids, bases, flocculants, precipitants, etc.)

Scope of supply:

- **DOSA Tec** Solenoid-driven diaphragm dosing pump **VMS MF**, accessory set (foot valve, hose, hose thread, injection valve, level switch)

Ordering data:

Model:	Dosing capacity: l/h	Pressure range: bar	Max. stroke frequency: 1/min	Hose connection: mm	Item No:
VMS MF PVDF/Viton [®] (VMS MF dosing pump with PVDF pump head and Viton [®] seals.)	1	20	180	Suction side: PVC hose at 1/20 l/h, 2/18 l/h, 4/18 l/h 4 x 8 all others 4 x 6 from 15/5 l/h up 6 x 8 Discharge side: PE hose at 1/20 l/h, 2/18 l/h, 4/18 l/h 4 x 8 all others 4 x 6 from 15/5 l/h up 6 x 8	3513500
	2	15			3513501
	2	18			3513502
	4	10			3513503
	4	15			3513504
	4	18			3513505
	5	10			3513506
	5	15			3513507
	6	7			3513508
	8	4			3513509
	10	3			3513510
	10	5			3513511
	10	10			3513512
	12	5			3513513
	15	2			3513515
	16	1			3513514

Viton[®] is a registered trademark of DuPont Dow Elastomer.

Ordering data:

Model:	Dosing capacity: l/h	Pressure range: bar	Max. stroke frequency: 1/min	Hose connection: mm	Item No:
VMS MF PVDF/EPDM (VMS MF dosing pump with PVDF pump head and EPDM seals.)	1	20	180	Suction side: PVC hose at 1/20 l/h 2/18 l/h, 4/18 l/h 4 x 8 all others 4 x 6 from 15/2 l/h up 6 x 8 Discharge side: PE hose at 1/20 l/h, 2/18 l/h, 4/18 l/h 4 x 8 all others 4 x 6 from 15 l 2 up 6 x 8	3513520
	2	15			3513521
	2	18			3513522
	4	10			3513523
	4	15			3513524
	4	18			3513525
	5	10			3513526
	5	15			3513527
	6	7			3513528
	8	4			3513529
	10	3			3513530
	10	5			3513531
	10	10			3513532
	12	5			3513533
	15	2			3513535
	16	1			3513534

Options:

Model:	Item No:
PP pump heads J and JA	8713120
PP pump heads K and KA	8713125
PVDF hose 4 x 6 mm	8913321
PVDF hose 6 x 8 mm	8913326
External level/alarm contact NO/NC	9013522

Pump heads:

Model:	Dosing capacity: l/h	Pressure range: bar	Pump head:
VMS MF	1	20	Y
	2	15	K
	2	18	K
	4	10	K
	4	15	K
	4	18	K
	5	10	K
	5	15	K
	6	7	K
	8	4	K
	10	3	K
	10	5	K
	10	10	K
	12	5	K
	15	2	K
	16	1	K