

DOSA *Tec* Solenoid-driven diaphragm dosing pump **VMSA MF**

Self-venting solenoid-driven diaphragm dosing pump for precise dosing of liquid media.



Product description:

- Capacity: 0 – 13.5 l/h
- pressure range: 0 – 18 bar
- Pump head material: PVDF
 - option: PP
- 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)
- 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 input 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 **VMSA 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:
VMSA MF PVDF/Viton® (VMSA MF dosing pump with PVDF pump head and Viton® seals.)	1.0	15	180	Suction side: PVC hose at 2/18 l/h 4 x 8 all others 4 x 6 from 13/2 l/h up 6 x 8	3513700
	2.0	10			3513701
	2.0	18			3513702
	3.0	15			3513703
	3.4	10			3513704
	4.0	7			3513705
	5.5	4			3513706
	7.0	3			3513707
	7.0	10			3513708
	7.5	5			3513709
	9.0	5			3513710
	12.0	2			3513711
	13.5	1			3513712

Viton® is a registered trademark of DuPont Dow Elastomer.

Subject to technical modifications and printing errors. Images may vary slightly from actual product.
08.04.2020

Ordering data:

Model:	Dosing capacity: l/h	Pressure range: bar	Max. stroke frequency: 1/min	Hose connection: mm	Item No:
VMSA MF PVDF/EPDM (VMSA MF dosing pump with PVDF pump head and EPDM seals.)	1.0	15	180	Suction side: PVC hose at 2/18 l/h 4 x 8 all others 4 x 6 from 13/2 l/h up 6 x 8 Discharge side: PE hose at 2/18 l/h 4 x 8 all others 4 x 6 from 13/2 l/h up 6 x 8	3513720
	2.0	10			3513721
	2.0	18			3513722
	3.0	15			3513723
	3.4	10			3513724
	4.0	7			3513725
	5.5	4			3513726
	7.0	3			3513727
	7.0	10			3513728
	7.5	5			3513729
	9.0	5			3513730
	12.0	2			3513731
	13.5	1			3513732

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:
VMSA MF	1.0	15	KA
	2.0	10	KA
	2.0	18	KA
	3.0	15	KA
	3.4	10	KA
	4.0	7	KA
	5.5	4	KA
	7.0	3	KA
	7.0	10	KA
	7.5	5	KA
	9.0	5	KA
	12.0	2	KA
	13.5	1	KA