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DOSA Tec Solenoid-driven diaphragm dosing pump TMS MF

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



Product description:

- Capacity: 0 – 100 l/h,
- Pressure range: 0 – 20 bar
- Pump head material: Viton[®]
 - option: PP, acrylic
- 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 venting
- Suitable for wall mounting
- Manual stroke frequency adjustment
- Inputs:
 - Level control
 - External dosing start
 - Pulses
 - 4 – 20 mA signal
 - 0 – 10 V signal
- Alarm output
- 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 **TMS 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:
TMS MF PVDF/Viton [®] (TMS MF dosing pump with PVDF pump head and Viton [®] seals.)	5	20	120	Discharge side: PVDF 5 20 l/h 4 x 6 from 15 5 l/h up 6 x 8 from 30 3 l/h up 8 x 10 PVC braided hose at 100 0 0 l/h 12 x 18	3813323
	15	5			3813329
	20	4			3813331
	30	3			3813332
	50	1			3813333
	100	0			3813334
				Suction side: PVC 5 20 l/h 4 x 6 from 15 5 l/h up 6 x 8 from 30 3 l/h up 8 x 10 PVC braided hose at 100 0 0 l/h 12 x 18	

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

Subject to technical modifications and printing errors. Images may vary slightly from actual product.
10.05.2021

Ordering data:

Model:	Dosing capacity: l/h	Pressure range: bar	Max. stroke frequency: 1/min	Hose connection: mm	Item No:
TMS MF PVDF/EPDM (TMS MF dosing pump with PVDF pump head and EPDM seals.)	5	20	120	Discharge side: PVDF 5 20 4 x 6 from 15 5 up 6 x 8 from 30 3 up 8 x 10 PVC braided hose at 100 0 12 x 18 Suction side: PVC 5 20, 4 x 6 from 15 5 up 6 x 8 from 30 3 up 8 x 10 PVC braided hose at 100 0 12 x 18	3813343
	15	5			3813349
	20	4			3813351
	30	3			3813352
	50	1			3813353
	100	0			3813354

Options:

Model:	Item No:
PP pump heads L and LA	8713130
PP pump heads M and MA	8613003
PP pump heads N and NA	8613000
PP pump heads S and SA	8613001
PP pump heads T and TA	8613002
Acrylic pump head L	8913130
Acrylic pump head M	8913135
Acrylic pump head N	8913140
Acrylic pump head S	8913145
Acrylic pump head T	8913150
PVDF hose for TMS and T pump series, 5.0 l/h	8713000
PVDF hose for TMS and T pump series, 15.0 l/h	8713005
PVDF hose for TMS and T pump series, 30.0 l/h, 50 l/h	8713010

Pump heads:

Model:	Dosing capacity: l/h	Pressure range: bar	Pump head:
TMS MF	5	20	L
	15	5	N
	20	4	N
	30	3	S
	50	1	S
	100	0	T