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**DOSA Tec Solenoid-driven diaphragm dosing pump TMS RH**

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: PVDF
  - option: PP, acrylic
- Seals material: Viton<sup>®</sup>, 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
  - Direct redox control, 0 – 1000 mV
- Output for alarm message (option)
- Mode: proportional to the measured value, or On/Off
- 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 RH**, 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:
<b>TMS RH</b> PVDF/Viton <sup>®</sup> ( <b>TMS RH dosing pump</b> with PVDF pump head and Viton <sup>®</sup> seals.)	5	20	120	<b>Discharge side: PVDF</b> 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 l/h 12 x 18	3813403
	15	5			3813409
	20	4			3813411
	30	3			3813412
	50	1			3813413
	100	0			3813414
				<b>Suction side: PVC</b> 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 l/h 12 x 18	

Viton<sup>®</sup> 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:
<b>TMS RH</b> PVDF/EPDM (TMS RH dosing pump with PVDF pump head and EPDM seals.)	5	20	120	<b>Discharge side: PVDF</b> 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 <b>PVC braided hose</b> at 100   0 l/h 12 x 18	3813423
	15	5			3813429
	20	4			3813431
	30	3			3813432
	50	1			3813433
	100	0			3813434

## 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
External level/alarm contact NO/NC	9013522

## Pump heads:

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