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**DOSA Tec Solenoid-driven diaphragm dosing pump VMS PO**

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
  - option: PP
- 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 priming valve
  - Suitable for wall mounting
  - Manual stroke frequency adjustment
- Inputs:
  - Level control
  - Direct pH control, pH 0 – 14
  - Direct redox control, 0 to -1000 mV
- 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 **VMS PO**, 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>VMS PO</b> PVDF/Viton <sup>®</sup> ( <b>VMS PO</b> dosing pump with PVDF pump head and Viton <sup>®</sup> seals.)	1	20	180	<b>Suction side:</b> 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 l 2 up 6 x 8 <b>Discharge side:</b> PE hose at 1/20 l/h, 2/18 l/h, 4/18 4 x 8 all others 4 x 6 from 15/2 l/h up 6 x 8	3513560
	2	15			3513561
	2	18			3513562
	4	10			3513563
	4	15			3513564
	4	18			3513565
	5	10			3513566
	5	15			3513567
	6	7			3513568
	8	4			3513569
	10	3			3513570
	10	5			3513571
	10	10			3513572
	12	5			3513573
	15	2			3513575
	16	1			3513574

Viton<sup>®</sup> is a registered trademark of DuPont Dow Elastomer.

Subject to technical modifications and printing errors. Images may vary slightly from actual product.  
07.04.2020

**Ordering data:**

Model:	Dosing capacity: l/h	Pressure range: bar	Max. stroke frequency: 1/min	Hose connection: mm	Item No:
<b>VMS PO</b> PVDF/EPDM ( <b>VMS PO</b> dosing pump with PVDF pump head and EPDM seals.)	1	20	180	<b>Suction side:</b> 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  <b>Discharge side:</b> PE hose at 1/20 l/h, 2/18 l/h, 4/18 l/h 4 x 8 all others 4 x 6 from 15/2 l/h up 6 x 8	3513590
	2	15			3513591
	2	18			3513592
	4	10			3513593
	4	15			3513594
	4	18			3513595
	5	10			3513596
	5	15			3513597
	6	7			3513598
	8	4			3513599
	10	3			3513600
	10	5			3513601
	10	10			3513602
	12	5			3513603
	15	2			3513605
	16	2			3513604

**Options:**

Model:	Item No:
PP pump heads <b>J</b> and <b>JA</b>	8713120
PP pump heads <b>K</b> and <b>KA</b>	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:
<b>VMS PO</b>	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