

DOSA Tec Solenoid-driven diaphragm dosing pump VMSA PO

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
 - 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 **VMSA 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: |
|---|-------------------------|------------------------|---------------------------------|---|----------|
| VMSA PO PVDF/Viton® (VMSA PO dosing pump with PVDF pump head and Viton® seals.) | 1.0 | 15 | 180 | Suction side: PVC hose at 2/18 4 x 8 all others 4 x 6 from 13/2 l/h up 6 x 8 | 3513740 |
| | 2.0 | 10 | | | 3513741 |
| | 2.0 | 18 | | | 3513742 |
| | 3.0 | 15 | | | 3513743 |
| | 3.4 | 10 | | | 3513744 |
| | 4.0 | 7 | | | 3513745 |
| | 5.5 | 4 | | | 3513746 |
| | 7.0 | 3 | | | 3513747 |
| | 7.0 | 10 | | | 3513748 |
| | 7.5 | 5 | | | 3513749 |
| | 9.0 | 5 | | | 3513750 |
| | 12.0 | 2 | | | 3513751 |
| | 13.5 | 1 | | | 3513752 |
| | | | | | |

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: |
|---|-------------------------|------------------------|---------------------------------|---|----------|
| VMSA PO PVDF/EPDM (VMSA PO dosing pump with PVDF pump head and EPDM seals.) | 1.0 | 15 | 180 | Suction side: PVC hose at 2/18 4 x 8 all others 4 x 6 from 13/2 l/h up 6 x 8 Discharge side: PE hose at 2/18 4 x 8 all others 4 x 6 from 13/2 l/h up 6 x 8 | 3513760 |
| | 2.0 | 10 | | | 3513761 |
| | 2.0 | 18 | | | 3513762 |
| | 3.0 | 15 | | | 3513763 |
| | 3.4 | 10 | | | 3513764 |
| | 4.0 | 7 | | | 3513765 |
| | 5.5 | 4 | | | 3513766 |
| | 7.0 | 3 | | | 3513767 |
| | 7.0 | 10 | | | 3513768 |
| | 7.5 | 5 | | | 3513769 |
| | 9.0 | 5 | | | 3513770 |
| | 12.0 | 2 | | | 3513771 |
| | 13.5 | 1 | | | 3513772 |

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 PO | 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 |
| | 13.0 | 2 | KA |
| | 13.5 | 1 | KA |