

DOSA Tec Solenoid-driven diaphragm dosing pump VMS MF

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; PP (optional)
- 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 priming valve
- 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 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 VMS 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: |
|--|-------------------------|------------------------|---------------------------------|---|----------|
| VMS MF PVDF/Viton® (VMS MF dosing pump with PVDF pump head and Viton® seals.) | 1 | 20 | 180 | Suction side: PVC hose at 1/20, 2/18, 4/18 l/h 4 x 8 all others 4 x 6 from 15 l 5 up 6 x 8 | 3513500 |
| | 2 | 15 | | | 3513501 |
| | 2 | 18 | | | 3513502 |
| | 4 | 10 | | | 3513503 |
| | 4 | 15 | | | 3513504 |
| | 4 | 18 | | | 3513505 |
| | 5 | 10 | | | 3513506 |
| | 5 | 15 | | | 3513507 |
| | 6 | 7 | | | 3513508 |
| | 8 | 4 | | | 3513509 |
| | 10 | 3 | | | 3513510 |
| | 10 | 5 | | | 3513511 |
| | 10 | 10 | | | 3513512 |
| | 12 | 5 | | | 3513513 |
| | 15 | 2 | | | 3513515 |
| | 16 | 1 | | | 3513514 |
| Viton® is a registered trademark of DuPont Dow Elastomer. | | | | Discharge side: PE hose at 1/20, 2/18, 4/18 l/h 4 x 8 all others 4 x 6 from 15/5 l/h up 6 x 8 | |

Ordering data:

| Model: | Dosing capacity: l/h | Pressure range: bar | Max. stroke frequency: 1/min | Hose connection: mm | Item No: |
|---|-------------------------|------------------------|---------------------------------|---|----------|
| VMS MF PVDF/EPDM (VMS MF dosing pump with PVDF pump head and EPDM seals.) | 1 | 20 | 180 | Suction side: PVC hose at 1/20, 2/18, 4/18 l/h 4 x 8 all others 4 x 6 from 15 l 5 up 6 x 8 Discharge side: PE hose at 1/20, 2/18, 4/18 l/h 4 x 8 all others 4 x 6 from 15/5 l/h up 6 x 8 | 3513520 |
| | 2 | 15 | | | 3513521 |
| | 2 | 18 | | | 3513522 |
| | 4 | 10 | | | 3513523 |
| | 4 | 15 | | | 3513524 |
| | 4 | 18 | | | 3513525 |
| | 5 | 10 | | | 3513526 |
| | 5 | 15 | | | 3513527 |
| | 6 | 7 | | | 3513528 |
| | 8 | 4 | | | 3513529 |
| | 10 | 3 | | | 3513530 |
| | 10 | 5 | | | 3513531 |
| | 10 | 10 | | | 3513532 |
| | 12 | 5 | | | 3513533 |
| | 15 | 2 | | | 3513535 |
| | 16 | 1 | | | 3513534 |

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: |
|---------------|-------------------------|------------------------|------------|
| VMS MF | 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 |