

## DOSA *Tec* Solenoid-driven diaphragm dosing pump **KMSA MF**

Self-venting solenoid-driven diaphragm dosing pump for precise dosing of liquid media.



### Product description:

- Capacity: 0 – 13 l/h,
- Pressure range: 0 – 20 bar
- Pump head material: PVDF
  - option: PP, acrylic
- Seals material: Viton®, EPDM
- Diaphragm material: PTFE
- Power supply: 230 VAC
- Alternative power supply: 115 V AC  
(24 VAC, 12 VDC, 24 VDC available on request)
- Suitable for mounting on a base
- Manual stroke length adjustment 0/25 – 100 %
- Inputs:
  - Level control
  - External dosing start
  - Pulses
  - Hydraulic stroke control
  - 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 **KMSA 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:
<b>KMSA MF</b> PVDF/Viton® ( <b>KMSA MF</b> dosing pump with PVDF pump head and Viton® seals.)	0.5	10	180	<b>Suction side:</b> PVC hose 4 x 6 from 13/2 l/h up 6 x 8  <b>Discharge side:</b> PVDF hose 4 x 6 from 13/2 l/h up 6 x 8	3913620
	1.0	18			3913621
	3.0	15			3913622
	5.5	8			3913623
	7.5	5			3913624
	13.0	2			3913625

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:
<b>KMSA MF</b> PVDF/EPDM ( <b>KMSA MF</b> dosing pump with PVDF pump head and EPDM seals.)	0.5	10	180	<b>Suction side:</b> PVC hose 4 x 6 from 13/2 l/h up 6 x 8  <b>Discharge side:</b> PVDF hose 4 x 6 from 13/2 l/h up 6 x 8	3913630
	1.0	18			3913631
	3.0	15			3913632
	5.5	8			3913633
	7.5	5			3913634
	13.0	2			3913635

### Options:

Model:	Item No:
PP pump heads <b>I</b> and <b>IA</b>	8613008
PP pump heads <b>L</b> and <b>LA</b>	8713130
PP pump heads <b>M</b> and <b>MA</b>	8613003
Acrylic pump head <b>IA</b>	8713100
Acrylic pump head <b>LA</b>	8713101
Acrylic pump head <b>MA</b>	8713102
PVDF hose for <b>K</b> , <b>KA</b> , <b>KMS</b> and <b>KMSA</b> pump series <b>4 x 6</b>	8713075
PVDF hose for <b>K</b> , <b>KA</b> , <b>KMS</b> and <b>KMSA</b> pump series <b>6 x 8</b>	8713080

### Pump heads:

Model:	Dosing capacity: l/h	Pressure range: bar	Pump head:
<b>KMSA MF</b>	0.5	10	<b>IA</b>
	1.0	18	<b>IA</b>
	3.0	15	<b>LA</b>
	5.5	8	<b>LA</b>
	7.5	5	<b>LA</b>
	13.0	2	<b>MA</b>
	10.0	5	<b>L</b>
	18.0	2	<b>M</b>