

### 1.1.1.

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

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<sup>®</sup>, EPDM
- Diaphragm material: PTFE
- Power supply: 230 V AC
- Alternative power supply: 115 VAC  
(24 V AC, 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
  - Direct redox control, 0 to -1000 mV
- Output (optional) for alarm output
- Modes:
  - Proportional to the measured value, or On/Off
  - 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 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>KMSA RH</b> PVDF/Viton <sup>®</sup> ( <b>KMSA RH</b> dosing pump with PVDF pump head and Viton <sup>®</sup> seals)	0.5	10	180	<b>Suction side:</b> PVC hose, 4 x 6 from 13 l 2 up, 6 x 8	3913700
	1.0	18			3913701
	30	15			3913702
	5.5	8		<b>Discharge side:</b> PVDF hose, 4 x 6 from 13 l 2 up, 6 x 8	3913703
	7.5	5			3913704
	13.0	2			3913705

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>KMSA RH</b> PVDF/EPDM (KMSA RH dosing pump with PVDF pump head and EPDM seals.)	0.5	10	180	<b>Suction side:</b> PVC hose, 4 x 6 from 13 l 2 up, 6 x 8  <b>Discharge side:</b> PVDF hose, 4 x 6 from 13 l 2 up, 6 x 8	3913710
	1.0	18			3913711
	3.0	15			3913712
	5.5	8			3913713
	7.5	5			3913714
	13.0	2			3913715

#### 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
External level/alarm contact NO/NC	9013522

#### Pump heads:

Model:	Dosing capacity: l/h	Pressure range: bar	Pump head:
<b>KMSA RH</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>