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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:
KMSA MF PVDF/Viton [®] (KMSA MF dosing pump with PVDF pump head and Viton [®] seals.)	0.5	10	180	Suction side: PVC hose, 4 x 6 from 13 2 up, 6 x 8 Discharge side: PVDF hose, 4 x 6 from 13 2 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:
KMSA MF PVDF/EPDM (KMSA MF dosing pump with PVDF pump head and EPDM seals.)	0.5	10	180	Suction side: PVC hose, 4 x 6 from 13 2 up, 6 x 8 Discharge side: PVDF hose, 4 x 6 from 13 2 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 I and IA	8613008
PP pump heads L and LA	8713130
PP pump heads M and MA	8613003
Acrylic pump head IA	8713100
Acrylic pump head LA	8713101
Acrylic pump head MA	8713102
PVDF hose for K , KA , KMS and KMSA pump series 4 x 6	8713075
PVDF hose for K , KA , KMS and KMSA pump series 6 x 8	8713080

Pump heads:

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