

DOSA Tec Solenoid-driven diaphragm dosing pump **KMS PH**

Solenoid-driven diaphragm dosing pump for precise dosing of liquid media. Version for high viscosity media between 100 and 8000 cPs available for the LPV version.



Product description:

- Capacity: 0 – 18 l/h
- Pressure range: 0 – 20 bar
- Pump head material: PVDF
 - option: PP, acrylic, stainless steel
- Seals material: Viton®, EPDM
- Diaphragm material: PTFE
- Power supply: 230 V AC
- Alternative power supply: 115 VAC
(24 VAC, 12 VDC, 24 VDC available on request)
- Manual pump head venting
- Suitable for mounting on a base
- Manual stroke length adjustment 0/25 – 100 %
- Inputs:
 - Level control
 - External dosing start
 - Direct pH control, pH 0 – 14
- Optional output 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 **KMS PH**, 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:
KMS PH PVDF/Viton® (KMS PH dosing pump with PVDF pump head and Viton® seals.)	1	5	180	Suction side: PVC hose 4 x 6 from 18/2 l/h up 6 x 8	3913406
	1	20			3913400
	2	18			3913401
	4	15			3913407
	5	10			3913402
	8	8			3913412
	10	5			3913403
	18	2			3913404
				Discharge side: PVDF hose 4 x 6 from 18/2 up l/h 6 x 8	

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:
KMS PH PVDF/EPDM (KMS PH dosing pump with PVDF pump head and EPDM seals.)	1	3	180	Suction side: PVC hose 4 x 6 from 18/2 l/h up 6 x 8 Discharge side: PVDF hose 4 x 6 from 18/2 up l/h 6 x 8	3913425
	1	5			3913426
	1	20			3913420
	2	18			3913421
	4	15			3913427
	5	10			3913422
	8	8			3913432
	10	5			3913423
	18	2			3913424

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
Stainless steel AISI 316 pump head li	8913185
Stainless steel AISI 316 pump head Li*	8913160
Stainless steel AISI 316 pump head Mi*	8913165
Acrylic pump head I	8913030
Acrylic pump head L	8913130
Acrylic pump head M	8913135
Acrylic pump head LPV L up to 8000 cPs	8913310
Acrylic pump head LPV M up to 8000 cPs	8913311
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
External level/alarm contact NO/NC	9013522
*No accessories included.	
**Hose connection for acrylic pump head up to 8000 cPs: Discharge side 16 x 22, PVC hose; Suction side 8 x 12 PE hose; Foot valve made of stainless steel not included.	
Surcharge for stainless steel dosing head (excl. accessories and hoses). Please specify the required thread (cylindrical, conical or NPT) in your order.	

Pump heads:

Model:	Dosing capacity: l/h	Pressure range: bar	Pump head:
KMS PH	1	5	I
	1	20	I
	2	18	L
	4	15	L
	5	10	L
	8	8	L
	10	5	L
	18	2	M