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**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<sup>®</sup>, EPDM
- Diaphragm material: PTFE
- Power supply: 230 V AC
- Alternative power supply: 115 V AC  
(24 V AC, 12 V DC, 24 V DC 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:
<b>KMS PH</b> PVDF/Viton <sup>®</sup> ( <b>KMS PH</b> dosing pump with PVDF pump head and Viton <sup>®</sup> seals.)	1	5	180	<b>Suction side:</b> PVC hose, 4 x 6 from 18   2 up, 6 x 8  <b>Discharge side:</b> PVDF hose, 4 x 6 from 18   2 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

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>KMS PH</b> PVDF/EPDM ( <b>KMS PH</b> dosing pump with PVDF pump head and EPDM seals.)	1	3	180	<b>Suction side:</b> PVC hose, 4 x 6 from 18   2 up, 6 x 8  <b>Discharge side:</b> PVDF hose 4 x 6 from 18   2 up, 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:
<b>KMS PH</b>	1	5	I
	1	20	I
	2	18	L
	4	15	L
	5	10	L
	8	8	L
	10	5	L
	18	2	M