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**DOSA Tec Solenoid-driven diaphragm dosing pump KA Plus**



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

**Product description:**

- Capacity: 0 – 13 l/h
- pressure range: 0 – 18 bar
- Pump head material: PVDF
  - option: PP, acrylic
- Seals material: Viton<sup>®</sup>, EPDM
- Diaphragm material: PTFE
- Power supply: 230 VAC
- Alternative power supply: 115 VAC  
(24 VAC, 12 VDC, 24 VDC available on request)
- Suitable for mounting on a base
- Manual stroke frequency adjustment 0 – 100 %
- Manual stroke length adjustment 0/25 – 100 %
- Inputs:
  - Level control
  - Pulses
  - 4 – 20 mA signal
- Optional output for 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 **KA Plus**, 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>KA Plus</b> PVDF/Viton <sup>®</sup> ( <b>KA Plus</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   2 up, 6 x 8	4013040
	1.0	18			4013041
	3.0	15			4013042
	3.5	10			4013046
	5.5	8			4013043
	7.5	5			4013044
	13.0	2			4013045

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>KA Plus</b> PVDF/EPDM ( <b>KA Plus</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 up, 6 x 8  <b>Discharge side:</b> PE hose, 4 x 6 from 13   2 up, 6 x 8	4013060
	1.0	18			4013061
	3.0	15			4013062
	5.5	8			4013063
	7.5	5			4013064
	13.0	2			4013065

**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 <b>NO/NC</b>	9013522

**Pump heads:**

Model:	Dosing capacity: l/h	Pressure range: bar	Pump head:
<b>KA Plus</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>