

## DOSA Tec Solenoid-driven diaphragm dosing pump K Plus

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 VAC
- Alternative power supply: 115 VAC (24 VAC, 12 VDC, 24 VDC available on request)
- Manual pump head priming valve
- Suitable for mounting on a base
- Manual stroke frequency adjustment 0 – 100 %
- Manual stroke length adjustment 0/25 – 100 %
- Inputs for:
  - Level control
  - Pulses
  - 4 – 20 mA signal
- Output (optional) 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 K 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:
K Plus PVDF/Viton® (K Plus 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	4013006
	1	20			4013000
	2	18			4013001
	4	15			4013007
	5	10			4013002
	8	8			4013008
	10	5			4013003
	18	2			4013004
				Discharge side: PE hose 4 x 8 from 18/2 l/h up 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:
<b>K Plus</b> PVDF/EPDM ( <b>K Plus</b> dosing pump with PVDF pump head and EPDM seals.)	1	5	180	<b>Suction side:</b> PVC hose 4 x 6 from 18/2 l/h up 6 x 8  <b>Discharge side:</b> PE hose 4 x 8 from 18/2 l/h up 6 x 8	4013026
	1	20			4013020
	2	18			4013021
	4	15			4013027
	5	10			4013022
	8	8			4013028
	10	5			4013023
	18	2			4013024

### Options:

Model:	Item No:
<b>PP pump heads I and IA</b>	8613008
<b>PP pump heads L and LA</b>	8713130
<b>PP pump heads M and MA</b>	8613003
<b>Stainless steel AISI 316 pump head li</b>	8913185
<b>Stainless steel AISI 316 pump head Li*</b>	8913160
<b>Stainless steel AISI 316 pump head Mi*</b>	8913165
<b>Acrylic pump head I</b>	8913030
<b>Acrylic pump head L</b>	8913130
<b>Acrylic pump head M</b>	8913135
<b>Acrylic pump head LPV L up to 8000 cPs**</b>	8913310
<b>Acrylic pump head LPV M up to 8000 cPs</b>	8913311
<b>PVDF hose for K, KA, KMS and KMSA pump series 4 x 6</b>	8713075
<b>PVDF hose for K, KA, KMS and KMSA pump series 6 x 8</b>	8713080
<b>External level/alarm contact NO/NC</b>	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>K Plus</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