

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®, 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:
KA Plus PVDF/Viton® (KA Plus dosing pump with PVDF pump head and Viton® seals.)	0.5	10	180	Suction side: PVC hose 4 x 6 from 13/2 l/h up 6 x 8 Discharge side: PE hose 4 x 8 from 13/2 l/h 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® 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:
KA Plus PVDF/EPDM (KA Plus dosing pump with PVDF pump head and EPDM seals)	0.5	10	180	Suction side: PVC hose 4 x 6 from 13/2 l/h up 6 x 8 Discharge side: PE hose 4 x 8 from 13/2 l/h 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 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
External level/alarm contact NO/NC	9013522

Pump heads:

Model:	Dosing capacity: l/h	Pressure range: bar	Pump head:
KA Plus	0.5	10	IA
	1.0	18	IA
	3.0	15	LA
	5.5	8	LA
	7.5	5	LA
	13.0	2	MA