

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

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



Product description:

- Capacity: 0 – 38.5 l/h,
- pressure range: 0 – 25 bar
- Pump head material: PVDF
 - optional: 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
- Alarm output (option)
- Modes:
 - Pulse division
 - Dosing of pre-set volumes
 - Conversion of analogue input signals
- 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 **AMSA 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:
AMSA Plus PVDF/Viton® (AMSA Plus dosing pump with PVDF pump head and Viton® seals.)	3.2	25	120	Suction side: PVC hose from 3.2/25 l/h up 4 x 6 at 13/7 l/h 6 x 8 from 30/3 l/h up 8 x 12	3913840
	6.0	15			3913841
	13.0	7			3913842
	30.0	3			3913843
	38.5	2			3913844
<small>Viton® is a registered trademark of DuPont Dow Elastomer.</small>					

Ordering data:

Model:	Dosing capacity: l/h	Pressure range: bar	Max. stroke frequency: 1/min	Hose connection: mm	Item No:
AMSA Plus PVDF/EPDM (AMSA Plus dosing pump with PVDF pump head and EPDM seals.)	3.2	25	120	Suction side: PVC hose from 3.2/25 l/h up 4 x 6 at 13/7 l/h 6 x 8 from 30/3 l/h up 8 x 12 Discharge side: PVDF hose from 3.2/25 l/h up 4 x 6 at 13/7 l/h 6 x 8 from 30/3 l/h up 8 x 12	3913850
	6.0	15			3913851
	13.0	7			3913852
	30.0	3			3913853
	38.5	2			3913854

Options:

Model:	Item No:
PP pump heads L and LA	8713130
PP pump heads M and MA	8613003
PP pump heads N and NA	8613000
PP pump heads S and SA	8613001
PP pump heads T and TA	8613002
Self-venting acrylic pump head LA	8913107
Self-venting acrylic pump head MA	8913112
Self-venting acrylic pump head NA	8913117
Self-venting acrylic pump head SA	8913122
Self-venting acrylic pump head TA	8913127
PVDF hose for AMS pump series 5.0 l/h , AMSA 3.2 l/h	8713050
PVDF hose for AMS pump series 10.0 l/h , AMSA 6.0 l/h	8713055
PVDF hose for AMS pump series 20.0 l/h , AMSA 13.0 l/h	8713060
PVDF hose for AMS pump series 40.0 l/h , AMSA 30.0 l/h	8713065
PVDF hose for AMS pump series 60.0 l/h , AMSA 38.5 l/h	8713070
External level/alarm contact NO/NC	9013522

Pump heads:

Model:	Dosing capacity: l/h	Pressure range: bar	Pump head:
AMSA Plus	3.2	25	LA
	6.0	15	MM
	13.0	7	NA
	30.0	3	SA
	38.5	2	TA