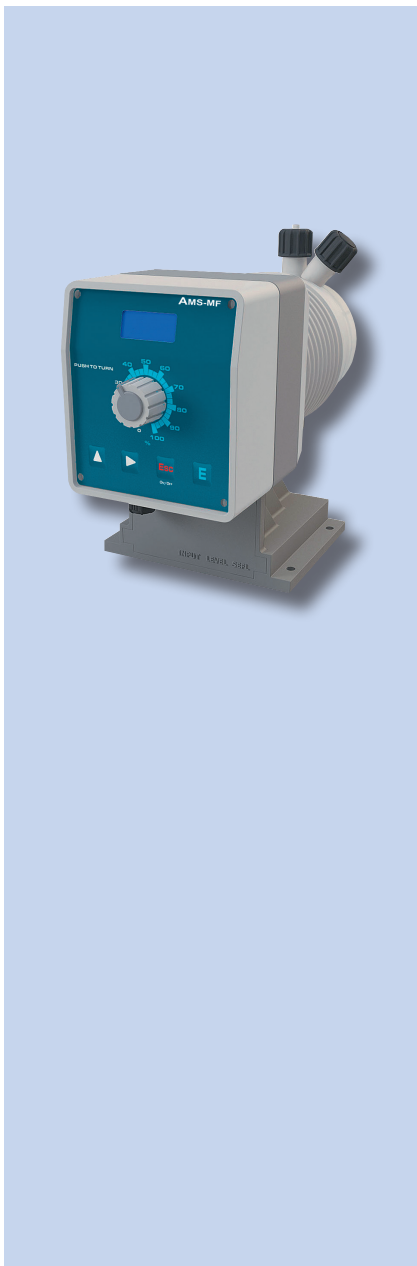


1.1.1.

**DOSA Tec Solenoid-driven diaphragm dosing pumps AMSA Digital MF**

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<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 length adjustment 0/25 – 100 %
- Inputs:
  - Level control
  - External dosing start
  - Pulses
  - Flow rate monitoring
  - 4 – 20 mA signal
  - 0 – 10 V signal
- 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 **AMSA Digital MF**, 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>AMSA Digital MF</b> PVDF/Viton <sup>®</sup> ( <b>AMSA Digital MF</b> dosing pump with PVDF pump head and Viton <sup>®</sup> seals.)	3.2	25	120	<b>Suction side:</b> PVC hose from 3.2   25 up, 4 x 6 from 13   7 up, 6 x 8 from 30   3 up, 8 x 12	3913860
	6.0	15			3913861
	13.0	7			3913862
	30.0	3			3913863
	38.5	2			3913864
				<b>Discharge side:</b> PDVF hose from 3.2   25 up, 4 x 6 from 13   7 up, 6 x 8 from 30   3 up, 8 x 12	

Viton<sup>®</sup> is a registered trademark of DuPont Dow Elastomer.

Subject to technical modifications and printing errors. Images may vary slightly from actual product.  
21.04.2020

**Ordering data:**

Model:	Dosing capacity: l/h	Pressure range: bar	Max. stroke frequency: 1/min	Hose connection: mm	Item No:
<b>AMSA Digital MF</b> PVDF/EPDM ( <b>AMSADigital MF</b> dosing pump with PVDF pump head and EPDM seals.)	3.2	25	120	<b>Suction side:</b> PVC hose from 3.2   25 up, 4 x 6 from 13   7 up, 6 x 8 from 30   3 up, 8 x 12	3913870
	6.0	15			3913871
	13.0	7			3913872
	30.0	3			3913873
	38.5	2			3913874

**Options:**

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

**Pump heads:**

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