

BT Solenoid Dosing Pumps

Overview

The BT series metering pumps are a heavy duty, aluminium pump that are wall mounted. This range is designed for larger flow rates (up to 80 L/H)



BT MA/AD Solenoid pump

Technical Features

- **Flow Rate** From 1 to 80 L/H
- **Maximum Pressure** 20 Bar
- **Power Supply** 230 V standard; 120 V
- **Stroke Rate** 160 impulses/minute maximum (05-20 L/H models only)
180 impulses/minute maximum (30-80 L/H models only)
- **Pump Head** PP or PVDF with lip or ceramic ball valves; auto-bleed options available; PVC with ceramic ball valves for 50-80 L/H.
- **Diaphragm** PTFE
- **Installation Kit** PP or PVDF injection valve, foot filter, 2m each of suction/discharge tubing, screws & plugs for wall mounting.

BT Models

- **MA/MD** Analogue manual dosing with dual scale adjustment (0 – 100% & 0 – 20%); optional level alarm
- **MA/M** Digital manual control (0 – 100%); level alarm
- **VFT** Proportional dosing control with pulse multiplier (1 x N), pulse multiplier with memory (1 x N – M) and pulse divider (1/N); digital manual dosing; level alarm
- **MF** Digital manual control (0 – 100%); proportional dosing control with pulse multiplier (1 x N), pulse multiplier with memory (1 x N – M) and pulse divider (1/N); 4 – 20 mA proportional control; level alarm; timer; alarm output relay
- **pH-Rx-CI/M** Integral pH, redox and chlorine (PPM) control; 0 – 14pH measuring range; 1000 – +1400 mV redox measuring range; 0 – 2, 0 – 20, or 0 – 200 PPM measuring range; 4 – 20 mA output; alarm relay output; level alarm

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Model	Flow rate (L/H)	Max pressure (Bar)	Injection volume (ml)	Max injection frequency (imp/minute)	Tubing (IDxOD mm)	Power supply
05-10	5	10	0.52	160	4x6	230v, 50-60 Hz
05-20	5	20	0.52	160	4x6	230v, 50-60 Hz
10-10	10	10	1.04	160	4x6	230v, 50-60 Hz
20-05	20	5	2.08	160	4x6	230v, 50-60 Hz
30-04	30	4	2.8	180	10x14	230v, 50-60 Hz
50-03	50	3	4.6	180	10x14	230v, 50-60 Hz
80-01	80	1	7.4	180	10x14	230v, 50-60 Hz

The figures above are based on dosing water at 20°C

Flow rate/pressure charts

