

BT MF

Heavy duty wall mounted Digital Solenoid Dosing Pump

The BT range is designed for larger Flow Rates (Up to 80 L/H)

GENERAL FEATURES

- Flow rate up to 80 L/H
- Operating pressure up to 20 bar
- Digital manual flow rate adjustment **0÷100%**
- Proportional dosing modes: 1xn; 1xn (m) 1:n; PPM
- Daily and weekly timer (8 programmes/day)
- Adjustable 0/4-20mA
- Flow sensor input
- Relay Output
- Level probe input
- Standard pump head: PVDF body, PTFE diaphragm, ceramic balls, FPM seats*
- 30 – 80 L/H pumps are supplied with PVC pump heads and accessories with fittings for 10×14 tubing
- The casing is in aluminium protected with two coats of epoxy paint
- Control panel protection assured by a transparent polycarbonate cover with gasket
- Manual air bleed pump head; from 5 to 15l/h automatic air bleed available on request
- IP65 protection degree
- Wall mounted
- Power Supply: 230 Vac 50-60 Hz
- Optional power supply: 240 Vac 50-60 Hz; 110 Vac 50-60 Hz
- Strokes frequency:
 - 160 impulses/minute maximum (5-20 L/H models only)
 - 180 impulses/minute maximum (30-80 L/H models only)
- CE and CSA certified
- **Supplied with complete PVDF Installation Kit**



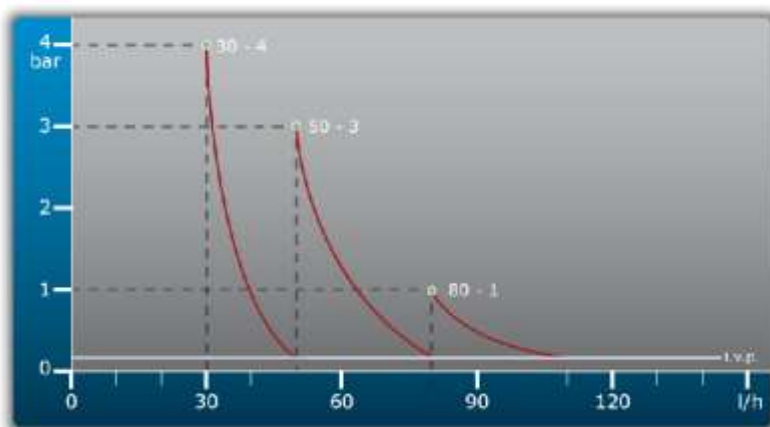
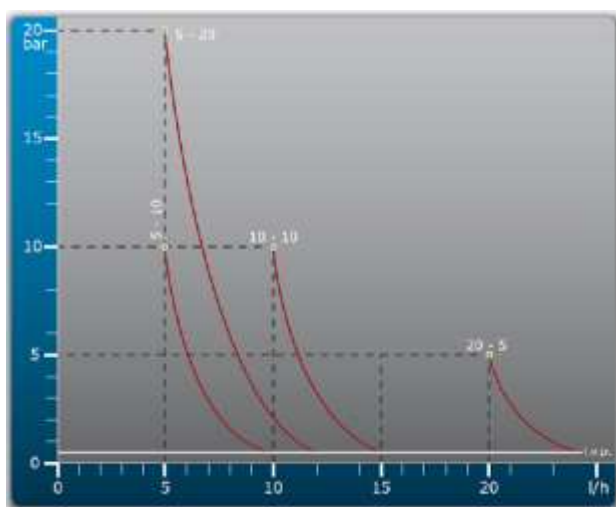
PVDF-FPM Standard Kit

ALL BT are supplied with a standard **PVDF-FPM installation kit**: PE discharge tube, PVC suction tube, PVDF foot-filter, PVDF injection valve.

Technical Features

Model	Flow Rate l/h (US G1/h)	Max Pressur e Bar - PSI	Injection Volume (cc per stroke)	Max frequency (imp./min)	Connections Int/Ext	Standard Power Supply (Volts -Hz)
0510	5 (1.32)	10 - 145	0.52	160	4x6	230V - 50-60 Hz
0520	5 (1.32)	20 - 290	0.52	160	4x6	230V - 50-60 Hz
1010	10 (2.64)	10 - 145	1.04	160	4x6	230V - 50-60 Hz
2005	20 (5.28)	5-72	2.08	160	4x6	230V - 50-60 Hz
3004	30 (7.92)	4 - 58	2.80	180	10x14	230V - 50-60 Hz
5003	50 (13.20)	3 - 43	4.60	180	10x14	230V - 50-60 Hz
8001	80 (21.12)	1-14	7.40	180	10x14	230V - 50-60 Hz

Pressure (bar) – Flow Rate (l/h) Chart



Codes

BT MF	Version
PBT170375E	0510
PBT1719801	0520
PBT170435E	1010
PBT1704601	2005
PBT1718401	3004
PBT1719001	5003
PBT1719301	8001

Overall Dimensions

