

BT pH-Rx-CI/M

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: 0.00 – 14 pH; -1000/+1400 mV Redox;
- 0-2 / 0-20 / 0-200 ppm
- ON/OFF or proportional mode
- Daily and weekly timer (8 programmes/day)
- Output 4-20mA
- Relay Output
- Pt100 probe 0 ÷ 100°C
- Proximity switch
- Level probe input
- Alarm: Max – Min – Over
- Hysteresis
- Direct or Reverse Intervention
- 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
- Display: backlighted
- 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**



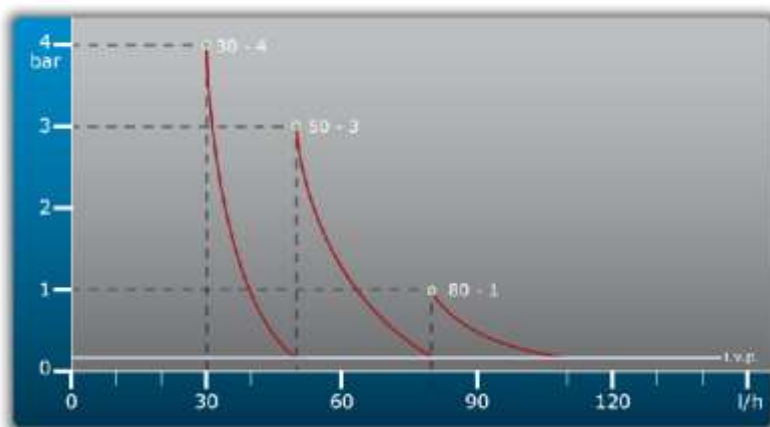
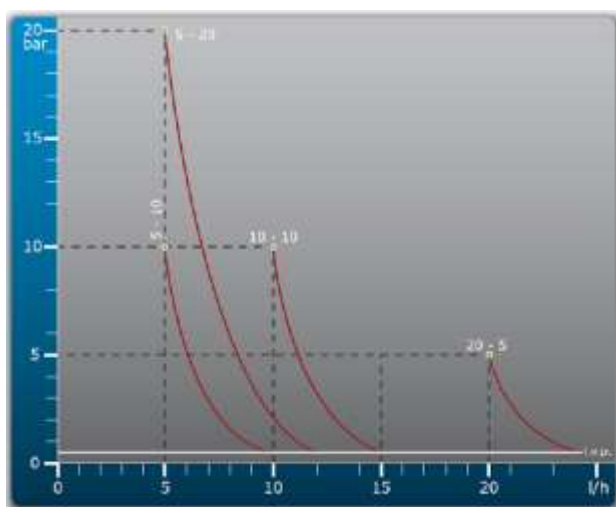
PVDF-FPM Standard Kit

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 pH-Rx-CL/M | Version |
|---------------|---------|
| PBT270375E | 0510 |
| PBT2719801 | 0520 |
| PBT270435E | 1010 |
| PBT2704601 | 2005 |
| PBT2718401 | 3004 |
| PBT2719001 | 5003 |
| PBT2719301 | 8001 |

Overall Dimensions

