

DATA SHEET

NICKEL-PLATED COPPER BY-PASS

Internal code: NEOBYPASS

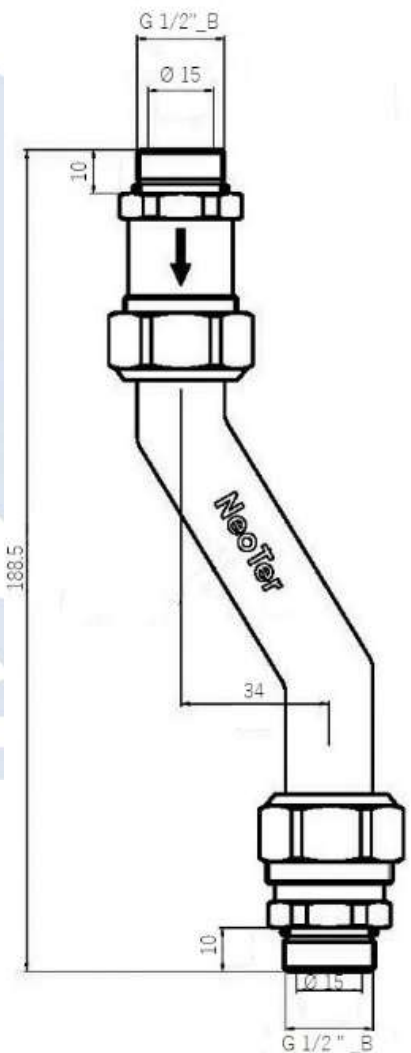
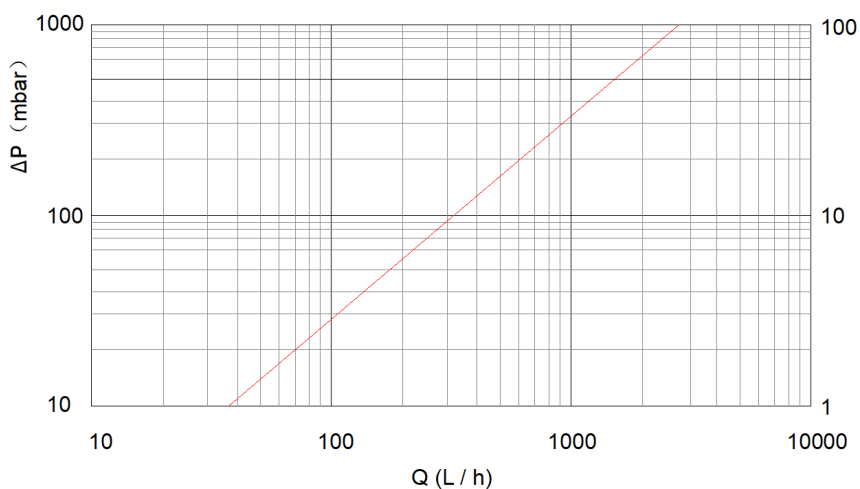
1. DESCRIPTION AND USE

The differential by-pass is used in underfloor heating systems to protect the recirculation pump and extend its life.

2. TECHNICAL CHARACTERISTICS

- Material : Nickel-plated copper.
- Maximum pressure: 1.0 MPa
- Differential opening pressure: 0.3 bar
- Operating temperature: 0 +100 °C
- Threaded connection: G1/2" ISO228-1
- Heat carrier: water, water with max. 30% glycol

2.1 Hydraulic characteristics



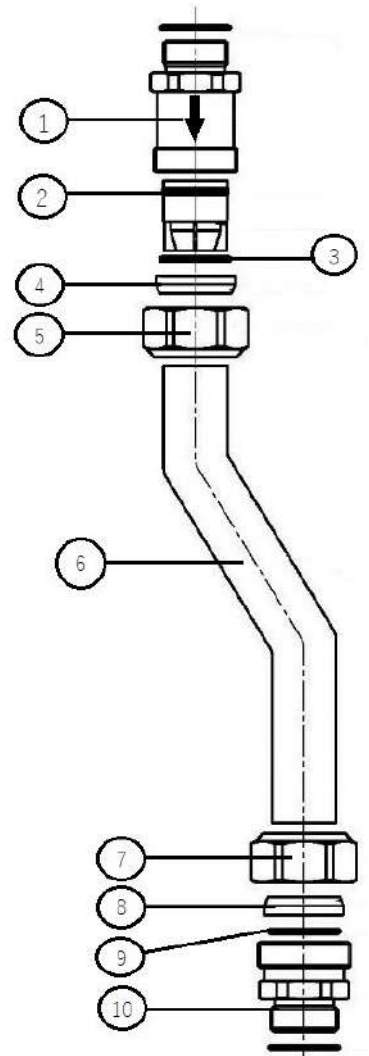
3. USE AND MOUNTING RULES

Installation steps:

- A. Shut off the flow and return valves on the distributor-manifold or on the mix kit.
- B. Shut off all the valves from the heating circuits.
- C. Remove the drain valve from the distributor bar.
- D. Remove the automatic air bleeder and the valve from the manifold bar.
- E. Remove the distributor or the manifold from the eccentric support to ensure the space required to mount the by-pass.
- F. Install part (1) in the distributor bar on the free position (where the drain valve was previously fitted)
- G. Install part (10) in the manifold bar (where the automatic air bleeder was previously fitted)
- H. Assemble the two nuts on the nickel-plated copper pipe, (5) and (7) in the list, the retaining rings (4) and (8), the EPDM gaskets (3) and (9) and the valve (2)
- I. Mount the nickel-plated copper tube between part (1) and part (10)
- J. Manually tighten nuts (5) and (7).
- K. Fix the manifold bar on the eccentric support.

1. Valve body 1/2 - 3/4 FE with gasket
2. ABS differential pressure valve
3. EPDM O-ring
4. Retainer ring
5. Nut
6. Nickel-plated copper pipe

7. Nut
8. Retainer ring
9. EPDM O-ring
10. Adapter 1/2 - 3/4 FE with gasket



4. PACKAGING, LABELLING, STORAGE, HANDLING

The products are transported using clean, covered means of transport, to protect them against dust or weather.

5. WARRANTY PERIOD

The warranty period is 24 months from the date of delivery, provided that the customer/user fully complies with the handling, storage and transport rules.