



## ACCESSORIES FOR MANIFOLDS

### 860BY Off-centre by-pass kit

#### DIFFERENTIAL BYPASS INSTRUCTIONS

##### - 1. Use

The bypass kit consists in a differential valve with fixed settings, and is used to allow constant maintenance of the differential pressure value in the event of progressive closing of the circuits. The variation in capacity and therefore the formation of excess pressure can be caused by the presence of automatic interception devices such as, for instance, the electro-thermal controls art. 891M or the thermostatic control art. 891 for heating units. The 860BY kit can be mounted in metal boxes with manifolds.

##### - 2. Technical features

Consisting of:

- 2 adjustable end pieces
- off-centre by-pass pipe
- adjustable drain valve
- air vent valve

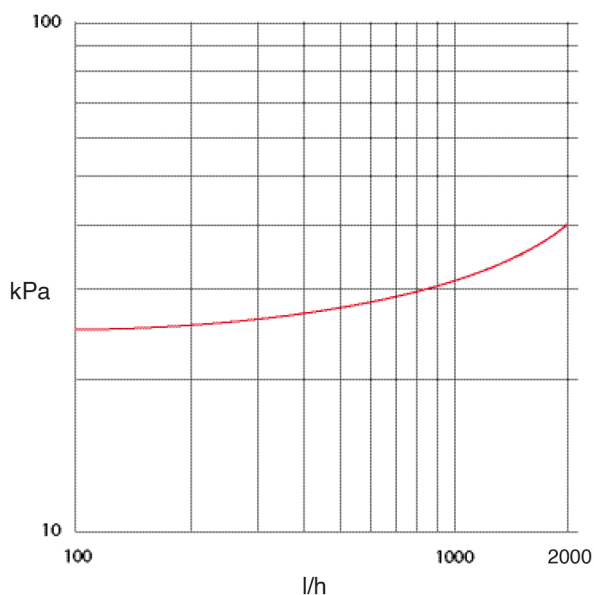
Fixed setting: 0,25 bar.

Maximum working temperature: 80°C.

Threads: ISO228 (equivalent to DIN EN ISO 228 and BS EN ISO 228).

##### - 3. Pressure drops

By-pass differential pressure 25KPa (0,25 bar).

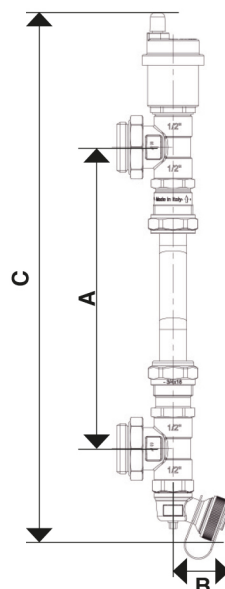


##### - 4. Overall dimension

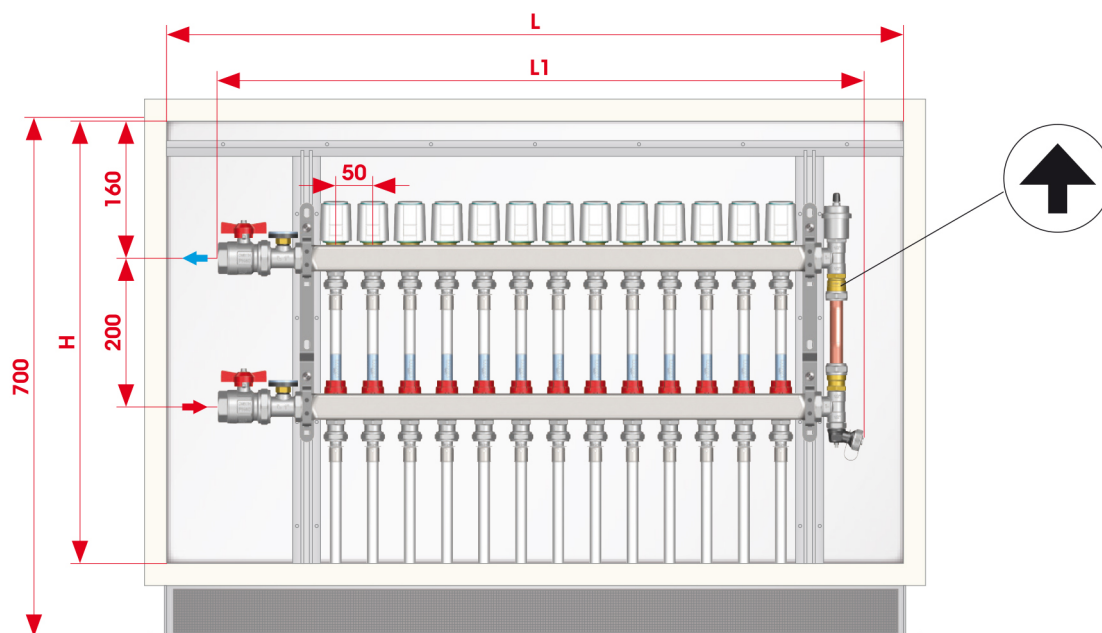


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	1" <sup>11</sup>
A	200
B	36,5
C	350
Kg/cm <sup>2</sup> bar	10
LBS - psi	145



- 5. Instructions for the assembly of the BY-PASS on manifolds in boxes.  
Install the differential BY-PASS kit so that the arrow is pointing towards the return manifold.



### - 6. Warning

It is important to comply with all the assembly instructions so as not to jeopardize the correct functioning of the by-pass kit and also:

- To make sure that the kit is installed with the arrow directing from the flow manifold towards that of return. On the contrary, this will cause malfunction of the plant.
- Do not mechanically force the threads. As time goes by the extra stress can cause breaks and hydraulic leaks.
- Make sure that all the connections are hydraulically sealed.
- Attention! High temperatures of the thermo-vector fluid can cause serious damage to people and things. Adopt all necessary preventive actions!