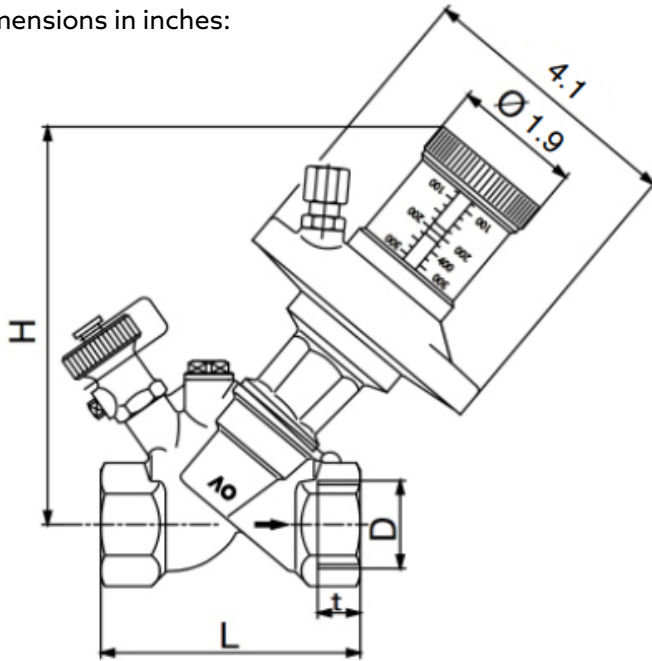


Dimensions in inches:



Differential pressure range: **3.63 to 10.15 PSID**

| Size | L | H | D | t | Item Number |
|--------------|------|------|-------|------|-------------|
| 1/2" DN 15 | 3.15 | 6.22 | 1/2 | 0.52 | 1064904 |
| 3/4" DN 20 | 3.31 | 6.30 | 3/4 | 0.57 | 1064906 |
| 1" DN 25 | 3.84 | 6.42 | 1 | 0.66 | 1064908 |
| 1 1/4" DN 32 | 4.33 | 6.77 | 1 1/4 | 0.75 | 1064910 |
| 1 1/2" DN 40 | 4.72 | 7.01 | 1 1/2 | 0.75 | 1064912 |
| 2" DN 50 | 5.91 | 8.27 | 2 | 1.01 | 1064916 |

Valve shall be installed in the return line.

It is recommended to install the valve as a complement to a Hydrocontrol R valve in the supply line.

Product Specification

The Oventrop differential pressure regulator “Hydromat DP” for a constant control of the set nominal value as proportional regulator working without auxiliary energy.

Infinitely adjustable nominal value between 0.73 and 4.35 PSID or 3.63 and 10.15 PSID which can be locked and be read-off from the outside at any time. With hidden isolating facility and with ball valve for draining and filling, installation in the return pipe, oblique pattern. Valve disc with soft seal.

Valve body, bonnet and regulator housing made of bronze, valve disc and stem made of brass resistant to dezincification (DZR), O-rings, washer and diaphragm made of EPDM.

The regulators are supplied complete with connection set, consisting of:

- 1 capillary 1 m (6x1 mm copper pipe),
- 1 isolating ball valve for the capillary (connection thread 1/4").

Specifications:

- Maximum working temperature: 250°F
- Maximum working pressure: 250 psi
- Temperature range: -4°F to 248°F
- Maximum Differential Pressure
- DN15 to DN40: 29 PSID
- DN50: 43.5 PSID