

#### Description:

The Oventrop oblique pattern globe valves PN 25 are installed in the pipework of hot water central heating and cooling systems and allow the isolation of the risers. The valves are suitable for water and mixtures of water and glycol.

The Oventrop oblique pattern globe valves are available with and without draining facility. The ball valve of the model with draining facility is suitable for the connection of the capillary of the "Hydromat DTR".

The oblique pattern globe valves may be installed in either the supply or the return pipe.

Copper pipes (according to EN 1057) can be connected to the DN 15 and DN 20 female thread by use of suitable compression fittings "Ofix" (reinforcing sleeves are to be used!).

When installing the valve, it must be ensured that the direction of flow conforms to the arrow on the valve body.

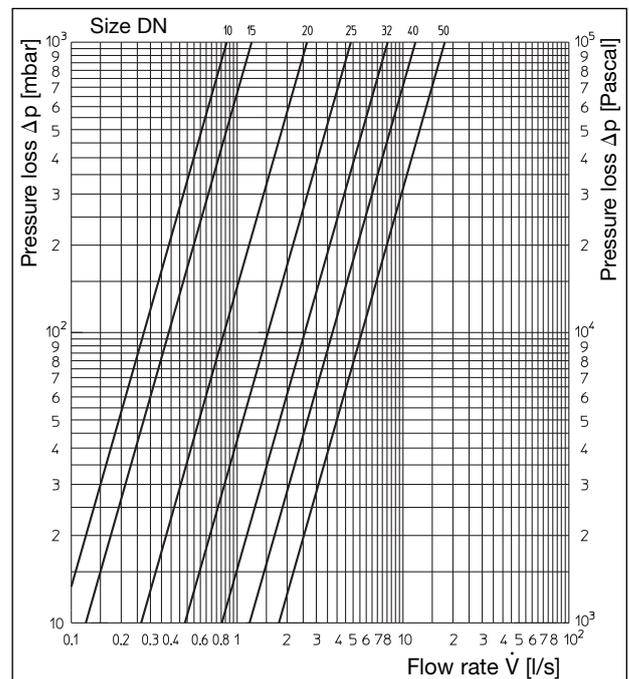
The indicated kvs values are valid for installation of the oblique pattern globe valves in the supply or return pipe on condition that the direction of flow conforms to the arrow on the valve body.

#### Advantages:

- The location of the functional components in one plane allows a simple assembly and easy operation
- Only one valve for 3 functions:
  - Isolating
  - Filling
  - Draining
- Low pressure loss (oblique pattern)
- Connection threads according to EN 10226, suitable for Oventrop compression fittings (1027151-58) for copper pipes up to a max. diameter of 22 mm and Oventrop composition pipe "Copipe" 14 and 16 mm
- Fill and drain ball valve with internal stop and O-ring seal between valve body and ball valve (no additional seals required)
- Materials suitable for potable water
- Setting indicator "valve fully open"
- Additional sealing when stem fully open
- Shank of the stem protected from damage by the handwheel cover
- Maintenance-free stem seal



Oblique pattern globe valve without draining facility



Flow chart

**Oblique pattern globe valves PN 25 with and without draining facility**

**Tender specification:**

Oventrop oblique pattern globe valves PN 25 for central heating and cooling systems.  
 Suitable for water and mixtures of water and glycol.  
 Valve body (oblique pattern) made of bronze, bonnet, disc and stem made of brass, disc with PTFE seal, maintenance-free stem seal due to double O-ring made of EPDM, all functional components in one plane.  
 Installation in supply or return pipe.

**Technical Data:**

Max. operating temperature  $t_s$ : +150°C  
 Min. operating temperature  $t_s$ : -10°C  
 Max. operating pressure  $p_s$ : 25 bar

**Oblique pattern globe valve PN 25 without draining facility**

Size	kvs	Item no.
DN 10	3.1	1050203
DN 15	4.4	1050204
DN 20	9.5	1050206
DN 25	17.4	1050208
DN 32	29.2	1050210
DN 40	42.9	1050212
DN 50	64.0	1050216

**Oblique pattern globe valve PN 25 with draining facility (fill and drain ball valve G 1/4)**

Size	kvs	Item no.
DN 10	3.1	1050303
DN 15	4.4	1050304
DN 20	9.5	1050306
DN 25	17.4	1050308
DN 32	29.2	1050310
DN 40	42.9	1050312
DN 50	64.0	1050316

**Accessories:**

Extension for ball valve (80 mm) Item no. 1060295  
 Extension for ball valve (40 mm) Item no. 1688295

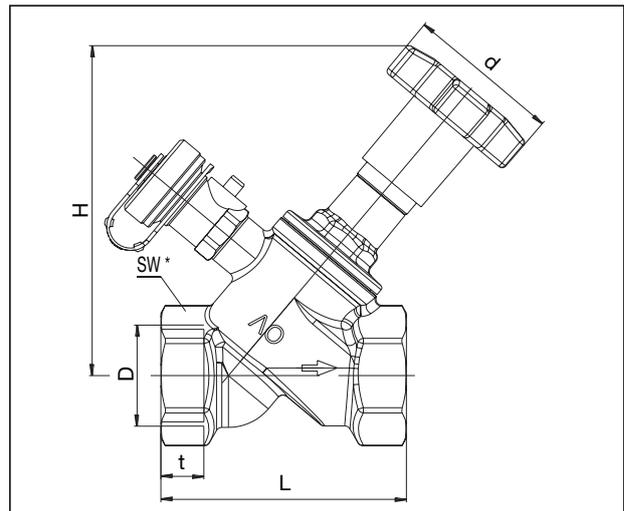
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Subject to technical modification without notice.

Product range 5  
 ti 226-EN/10/MW  
 Edition 2015

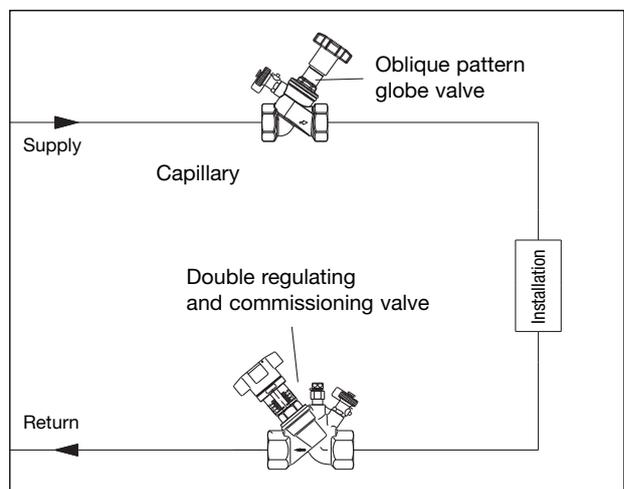
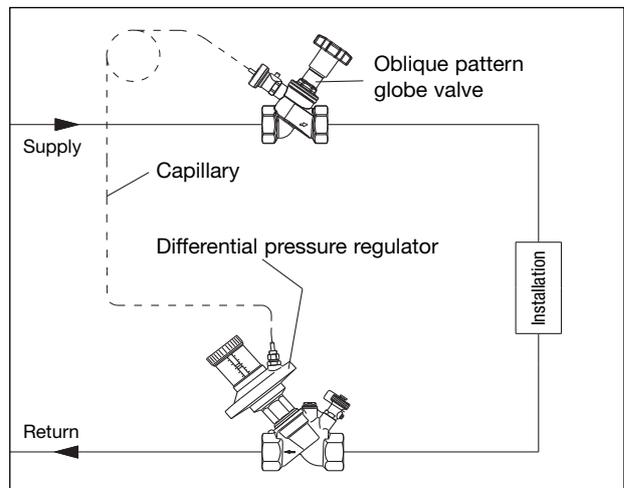
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D	d	t	SW*	L	H
Rp 3/8 EN 10226	50	10.1	22	63.5	92
Rp 1/2 EN 10226	50	13.2	27	66	95
Rp 3/4 EN 10226	50	14.5	32	75	110
G 1	50	10.5	41	80	115
G 1 1/4	80	12.5	50	97	165
G 1 1/2	80	14.5	55	107	170
G 2	80	16.5	68	124	175

**Dimensions**

\* SW = Spanner size



Installation examples