

## Bronze piston type spring assisted check valve PN 25



The Oventrop Quality Management System is certified to DIN EN ISO 9001

Technical information

### Tender specification:

Oventrop bronze piston type spring assisted check valve PN 25, both ports female thread according to EN 10226 or DIN ISO 228.

Body made of bronze, inner parts made of brass, valve disc seal made of FKM.

### Function:

Oventrop piston type spring assisted check valves are suitable for horizontal and vertical installation in the pipework. The valve disc is spring assisted with an opening pressure of 40 mbar (~ 400 mm WG).

The piston type spring assisted check valves are not suitable for use on pulsating flow and must be installed with a minimum of 10 D (10 x nominal pipe diameter) of straight pipe behind the pump.

### Application:

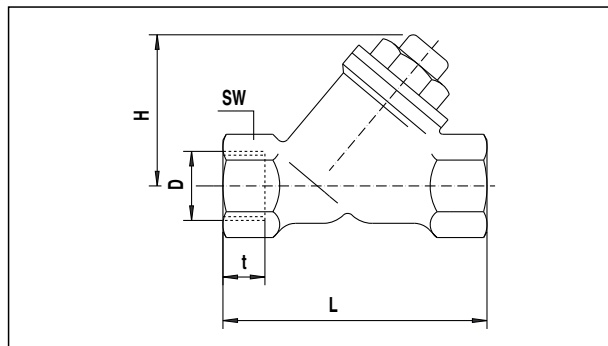
Central heating and cooling systems.

PN 25 for fluids: Water (-10°C up to +120°C), mineral, heating and hydraulic oils, diesel oil and other non-aggressive fluids between 0°C and a maximum of 100°C (the valid rules and standards for the use of these media may restrict the temperature range), PN 6 for air.

The piston type spring assisted check valves DN 10 to DN 20 are suitable for use with compression fittings, item no. 102 71, see page 3.19 of the catalogue "Products".

Size	Item no.	kvs value
DN 10	107 20 03	2,5
DN 15	107 20 04	3,8
DN 20	107 20 06	6,0
DN 25	107 20 08	13,0
DN 32	107 20 10	17,0
DN 40	107 20 12	19,0
DN 50	107 20 16	30,5

### Dimensions:



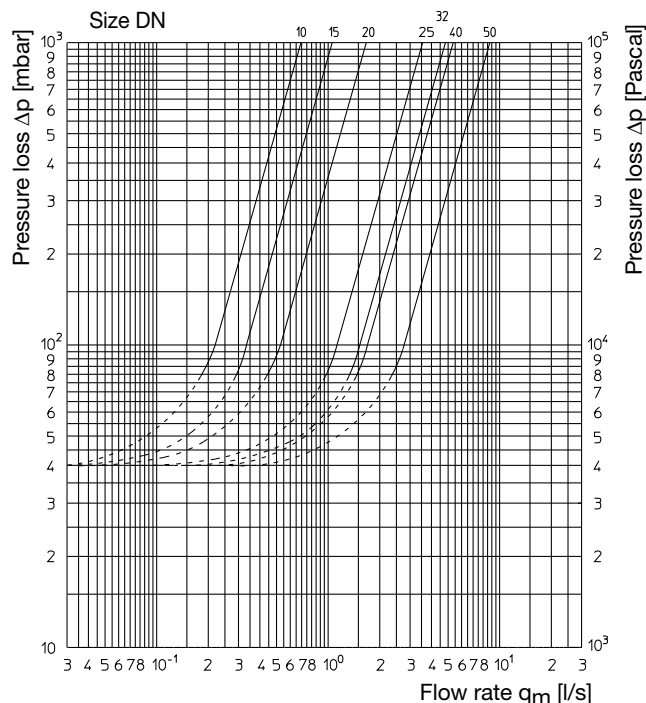
DN	D*	L	H	t	SW**
10	Rp 3/8	63,5	35	10,1	22
15	Rp 1/2	66	43	13,2	27
20	Rp 3/4	75	49	14,3	32
25	G 1	80	55	10,5	41
32	G 1 1/4	97	67	12,5	50
40	G 1 1/2	107	80	14,5	56
50	G 2	124	92	16,5	68

\*Rp according to EN 10226

\*G according to DIN ISO 228

\*\*SW = spanner size

### Flow chart:



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