

Tender specification:

Oventrop bronze swing type check valves, both ports female thread according to ISO 228.

Bronze body, inner parts made of brass.

Technical data:

Max. operating pressure p_s : 16 bar (PN 16)
Operating temperature t_s : -10 °C up to +80 °C
[80 °C up to 120 °C: max. p_s 10 bar]

Application:

Central heating and cooling systems with closed circuits, for operation with non-aggressive, harmless fluids (e.g. water or suitable water and glycol mixtures according to VDI 2035/ÖNORM 5195).

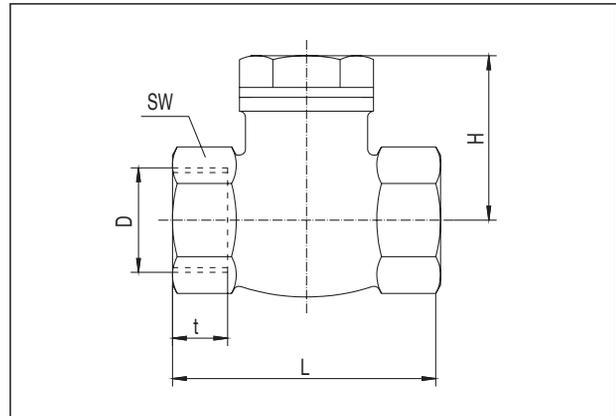
Oventrop bronze swing type check valves are suitable for horizontal and vertical installation in the pipework.

In case of vertical flow direction, installation is only permissible if the flap can be opened upwards.

In case of horizontal flow direction, the flap suspension has to point upwards.

Bronze swing type 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.

Size:	k_{vs} value	Item no.:
DN 15	5.5	1075004
DN 20	10.2	1075006
DN 25	20.2	1075008
DN 32	34.7	1075010
DN 40	44.9	1075012
DN 50	104.4	1075016
DN 65	175.0	1075020

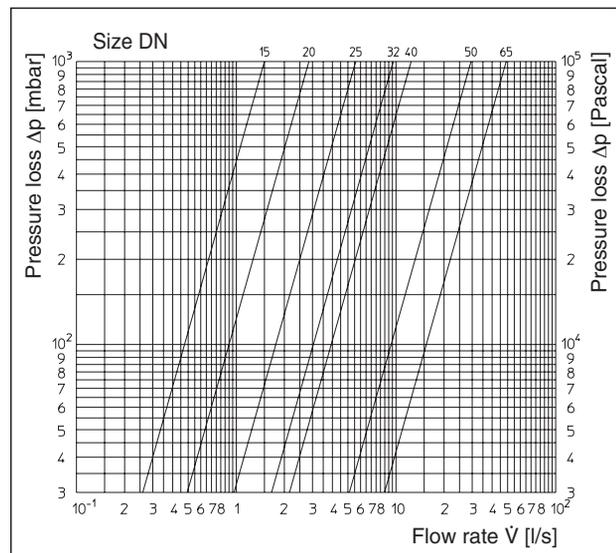


DN	D*	L	H	t	SW**
15	G ½	60	40	12	27
20	G ¾	70	49	13	34
25	G 1	80	56	15	41
32	G 1 ¼	95	60	16	51
40	G 1 ½	105	70	18	55
50	G 2	130	80	20	70
65	G 2 ½	160	105	20	90

Dimensions

* G according to ISO 228

** SW = Spanner size



Flow chart

Subject to technical modifications without notice.

Product range 5
ti 179-EN/10/MW
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