

Tender specification:

Oventrop wafer swing type check valves suitable for installation between PN 16 flanges according to EN 1092-2.

Body and flap made of galvanised steel.
EPDM seal.

Technical data:

Max. operating pressure p_s : 16 bar (PN 16)
Operating temperature t_s : $-10\text{ }^{\circ}\text{C}$ up to $+120\text{ }^{\circ}\text{C}$
Max. flow velocity: 3 m/s

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 wafer swing type check valves are suitable for general application with non-aggressive fluids and for horizontal and vertical installation in the pipework.

When using vertical flow direction, installation is only permissible if the flap can be opened upwards.

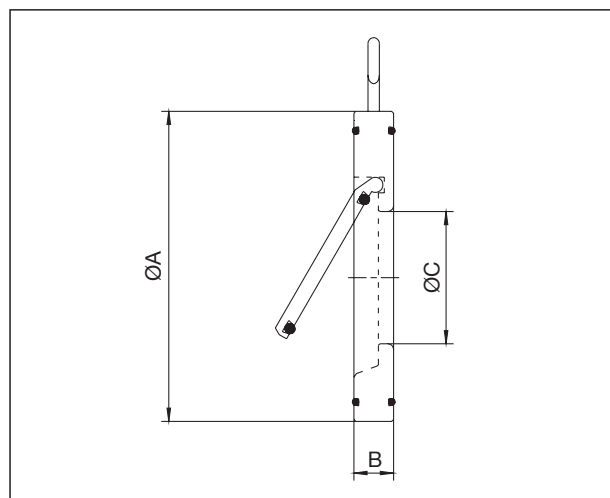
When using horizontal flow direction, the flap suspension has to point upwards.

Wafer 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.

Material:

Body and flap made of galvanised steel.
EPDM seal.

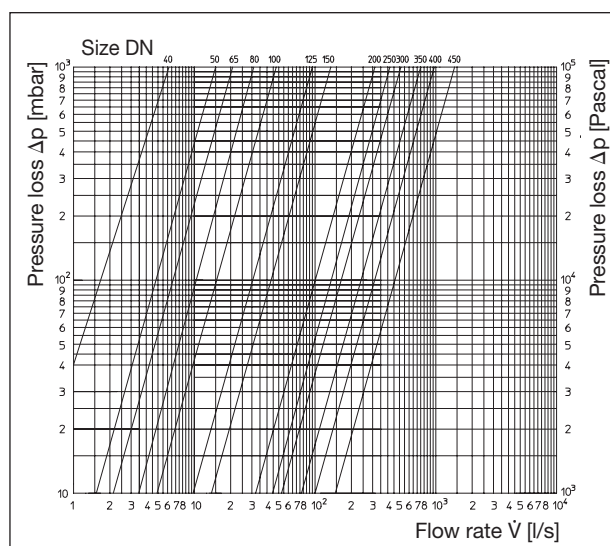
Size:	k_{vs} value	Item no.:
DN 40	22.2	1072549
DN 50	54	1072550
DN 65	75	1072551
DN 80	112	1072552
DN 100	172	1072553
DN 125	342	1072554
DN 150	490	1072555
DN 200	1128	1072556
DN 250	1500	1072557
DN 300	1850	1072558
DN 350	2700	1072559
DN 400	3500	1072560
DN 450	5200	1072561



DN	Ø A	B	Ø C	Min.*	kg
40	95	16	22	40.9	0.8
50	109	14	32	52.6	1.0
65	129	14	40	62.7	1.4
80	144	14	54	77.9	1.8
100	164	18	70	102.3	2.9
125	195	18	92	128.2	3.9
150	220	20	112	154.1	4.5
200	275	22	154	202.7	7.5
250	331	26	192	254.5	13.0
300	386	32	227	304.9	23.0
350	446	38	266	333.4	33.5
400	499	44	310	381.0	52.0
450	558	52	350	438.2	71.0

Dimensions

* Min. refers to the minimum pipe bore



Flow chart

Subject to technical modifications without notice.

Product range 5
ti 121-EN/10/MW
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