

Tender specification:

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

Body made of cast iron, flaps made of stainless steel, seat seals made of EPDM.

Technical data:

Max. operating pressure p_s : 16 bar (PN 16)

Max. operating temperature t_s : 120 °C

Min. operating temperature t_s : 0 °C

Min. opening pressure: 50 mbar

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

In case of horizontal installation in the pipework, the stem of the flap must be in vertical position.

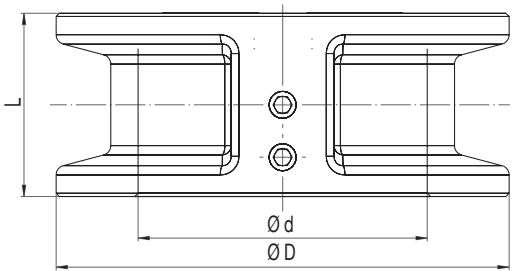
In case of vertical installation in the pipework, the fluid has to pass through the flap from the bottom to the top with due consideration of the flow direction.

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

Material:

Body made of cast iron (EN-GJL-250 DIN EN 1561), flaps made of stainless steel, seat seals made of EPDM.

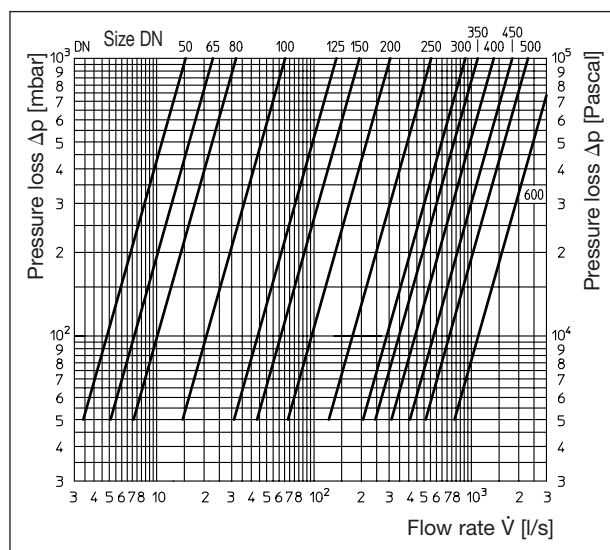
Sizes:	k_{vs} value	Item no.:
DN 50	55	1072650
DN 65	82	1072651
DN 80	115	1072652
DN 100	236	1072653
DN 125	500	1072654
DN 150	700	1072655
DN 200	1100	1072656
DN 250	2000	1072657
DN 300	3300	1072658
DN 350	3950	1072659
DN 400	5000	1072660
DN 450	6550	1072661
DN 500	8250	1072662
DN 600	12600	1072663



DN	ØD	Ød	L	Weight kg
50	106	66	54	1.8
65	126	78	54	2.4
80	141	90	57	3.2
100	161	115	64	4.8
125	191	141	70	7.3
150	217	170	76	10.1
200	272	210	95	14.2
250	327	273	108	23.6
300	382	324	143	37.6
350	442	356	184	60.0
400	494	406	191	77.0
450	554	457	203	99.0
500	616	508	213	115.0
600	733	600	222	232.5

Dimensions

Chart values for water at 20 °C for horizontal installation into the pipework



Flow chart

Subject to technical modifications without notice.

Product range 5
ti 267-EN/10/MW
Edition 2018