Wafer swing check valves for connection between flanges PN 10-16, ANSI 150



Art. 1450-1451

Suitable for installation between flanges UNI EN 1092-1 PN 10-16, ANSI 150

PN 10/16 DN 50 - 200

PN 16 DN 250 – 600

ANSI #150 DN 100 – 400

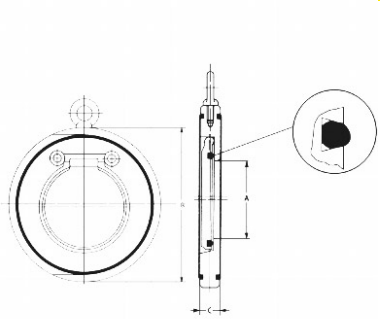
Installation: horizontal / vertical with down-up flow direction.
APPLICATIONS ° Air ° Fire fighting systems ° Heating – conditioning systems ° Irrigation ° Industry ° Oil & refineries
- Fig. 1450: in cast steel WCB
- Fig. 1451: in stainless steel CF8M/F316

The wafer swing check valves have compact dimensions and reduced weight. The wafer swing check valves are easy to be installed, because the valve opens in case of any minimum pressure increase, and closes at any minimum pressure decrease. With the seat inside the body of the valve, and the gasket integrated, the wafer swing check valves can be installed between flanges EN PN 10-16 and ANSI #150, without any need of additional flange gaskets.

Materials

body	galvanized carbon steel or st.st.316
stem	inox 13% cr
disc	galvanized carbon steel or st.st.316
gasket	buna n

Dimensions



DN	A mm.	B mm.	C mm.	Weight kg.
50	32	109	15	0.9
65	40	129	15	1.2
80	54	144	15	1.5
100	70	164	18	2.4
125	92	195	18	3.3
150	112	220	20	4.7
200	154	275	22	8
250	192	330	26	13.5
300	227	386	32	21
350	270	446	38	35
400	315	497	44	49
450	358	557	50	67
500	410	619	56	91
600	490	736	62	132

Pressure

DN	Nominal pressure	Test pressure Mpa		Max working pressure Mpa
mm	BAR	body	seat	90°C
50-200	16	-	1,76	/
250-600	10	-	1,00	/

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