



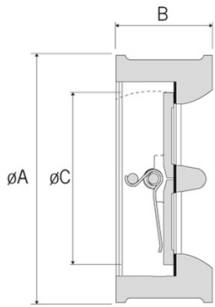
STOCKHAM Dual plate check valve Type: 8614 Steel Wafer type Class 300

Crane Stockham Duo-Chek carbon steel wafer type, dual plate check valve, according API 594. Metal seated, suitable for mounting between ASME B16.5 RF Class 300 flanges. Tested according API 598. Materials comply with NACE MR-01-75. EN 10204-3.1 test and material certificate is available.

This check valve is characterized by the compact, lightweight and balanced disc design, that stands for a fool proof operation, an efficient flow characteristic and low installation costs.

The independent operating, long springs ensure a long life span end a "non-slam performance".

Because of the "retainerless" design there are no body penetrations, so fugitive emission to the atmosphere is not possible and the valve is inherently fire-safe. This makes the valve suitable for heavier, critical applications.



Applications:

On- and offshore installations in (petro-)chemical and oil & gas industry. Clean gasses and fluids, to prevent backflow and protections of pumps and compressors.

Characteristics

Type: 8614

Norm: ASME

Housing material: Steel

Material quality: ASTM A352 LCC

Surface protection: Standard manufacturers coating

Connection: Wafer type

Flange finish: Raised face

Face to Face norm: ASME B16.10, T7, Serie 5

With spring: Yes

Application

- Recommended in: Chemical, Petrochemical and Refining

"	DN	A	B	C	Weight	Opening pressure	Cv
	mm	mm	mm	mm	[kg]	[mbar]	
2	50	111	60	49	3	15,8	75
3	80	149	73	74	7	14,4	191
4	100	181	73	97	8	15,1	377
6	150	251	98	122	20	9,6	821
8	200	308	127	194	37	13,6	1590
10	250	362	146	243	57	12,4	2920
12	300	422	12	289	91	11,7	4470
Opening pressure in horizontal pipe							
Other sizes on request							

-29/38 °C	100 °C	150 °C	200 °C	250 °C	300 °C	350 °C	
51,7	51,5	50,2	48,6	46,3	42,9	40	[bar]

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-29/38 °C	100 °C	150 °C	200 °C	250 °C	300 °C	350 °C
ASTM A352 LCC is not to be used above 345°C						
Check mentioned values and additional remarks with ASME B16.34 [latest issue]						

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