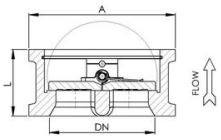

Abacus Dual plate check valve Type: 2238 Steel Wafer type Class 150

Carbon steel wafer type check valve, dual plate, retainerless design, Class 150.

Characteristics

Type: 2238
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: API 594
With spring: Yes
Maximum medium temperature (continuous): 345 °C
Maximum pressure difference at 20 °C: 20 bar

Application

- Refineries and (petro-)chemical process installations.
- Oil & gas industry.
- Steam and oil.
- Neutral liquids and gases.
- Suitable for horizontal and vertical (rising flow) mounting.
- Recommended in: Chemical, Petrochemical and Refining

Technical Information

- Design: API594.
- Testing: API 598 and EN 12266-1.
- NACE MR-01-75.

Options

- Available in Class 300; type 2239.
- Available in Class 600; type 2240.
- Available in stainless steel; type 2241.
- Available in other materials.
- Available in other pressure Classes.
- Available in lug type or double flange version.

DN		A	L	Weight
["]	[mm]	[mm]	[mm]	[kg]
2	50	105	60	3
2.1/2	65	124	67	4
3	80	137	73	5
4	100	175	73	7
6	125	222	98	15
8	150	279	127	39
10	200	339	146	50
12	250	409	181	85

Pressure and temperature range									
-46	38	50	100	150	200	250	300	345	[°C]
19.8	19.8	19.5	17.7	15.8	13.8	12.1	10.2	8.4	[bar]
ASTM A352 LCC can not be used above 345°C									

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Nominal inner diameter	Standard connection	Pressure rating	Face to Face length	Valve shape	Sealing	Material disc	Material shaft	Spring material	Minimum medium temperature (continuous)	Article
			mm						°C	
2" (50)	ASME	Class 150	60	Dual plate	Stainless steel	ASTM A351 CF8M	ASTM A479 316	Inconel	-46	14157380
2.1/2" (65)	ASME	Class 150	67	Dual plate	Stainless steel	ASTM A351 CF8M	ASTM A479 316	Inconel	-46	14157381
3" (80)	ASME	Class 150	73	Dual plate	Stainless steel	ASTM A351 CF8M	ASTM A479 316	Inconel	-46	14157382
4" (100)	ASME	Class 150	73	Dual plate	Stainless steel	ASTM A351 CF8M	ASTM A479 316	Inconel	-46	13545801
6" (150)	ASME	Class 150	98	Dual plate	Stainless steel	ASTM A351 CF8M	ASTM A479 316	Inconel	-46	14151147
8" (200)	ASME	Class 150	127	Dual plate	Stainless steel	ASTM A351 CF8M	ASTM A479 316	Inconel	-46	14157393
10" (250)	ASME	Class 150	146	Dual plate	Stainless steel	ASTM A351 CF8M	ASTM A479 316	Inconel	-46	14157394
12" (300)	ASME	Class 150	181	Dual plate	Stainless steel	ASTM A351 CF8M	ASTM A479 316	Inconel	-46	14157395