

Abacus Dual plate check valve Type: 2243 Stainless steel Wafer type Class 600

Stainless steel wafer type check valve, dual plate, retainerless design, Class 600.



Characteristics

- Type:** 2243
- Norm:** ASME
- Housing material:** Stainless steel
- Material quality:** ASTM A351 CF8M
- Connection:** Wafer type
- Flange finish:** Raised face
- Face to Face norm:** API 594
- With spring:** Yes
- Maximum medium temperature (continuous):** 500 °C
- Maximum pressure difference at 20 °C:** 100 bar

Technical Information

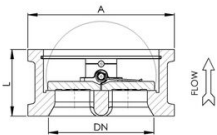
- Design: API594.
- Testing: API 598 and EN 12266-1.
- NACE MR-01-75.

Options

- Available in Class 150; type 2241.
- Available in Class 300; type 2242.
- Available in steel; type 2240.
- Available in other materials.
- Available in other pressure Classes.
- Available in lug type or double flange version.

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



DN	A	L	Weight
["]	[mm]	[mm]	[kg]
2	50	111	3
2.1/2	65	130	5
3	80	149	7
4	100	193	12
6	125	266	36
8	150	320	61

Pressure and temperature range												
-10	38	50	100	150	200	250	300	350	400	450	500	[°C]
99.3	99.3	96.2	84.4	77.0	71.3	66.8	63.2	60.7	58.9	57.7	56.5	[bar]

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 600	60	Dual plate	Stainless steel	ASTM A351 CF8M	ASTM A479 316	Inconel	-10	14157423

Disclaimer: The content of this document has been composed with the utmost care. However, it is possible that certain information changes over time, becomes inaccurate or incomplete. ERIKS does not guarantee that the information provided on this document is up to date, accurate and complete; the information provided is not intended to be advice. ERIKS shall never be liable for damage resulting from the use of the information provided.

Nominal inner diameter	Standard connection	Pressure rating	Face to Face length mm	Valve shape	Sealing	Material disc	Material shaft	Spring material	Minimum medium temperature (continuous) °C	Article
2.1/2" [65]	ASME	Class 600	67	Dual plate	Stainless steel	ASTM A351 CF8M	ASTM A479 316	Inconel	-10	14157429
3" [80]	ASME	Class 600	73	Dual plate	Stainless steel	ASTM A351 CF8M	ASTM A479 316	Inconel	-10	14157424
4" [100]	ASME	Class 600	79	Dual plate	Stainless steel	ASTM A351 CF8M	ASTM A479 316	Inconel	-10	14157425
6" [150]	ASME	Class 600	136	Dual plate	Stainless steel	ASTM A351 CF8M	ASTM A479 316	Inconel	-10	14157426
8" [200]	ASME	Class 600	165	Dual plate	Stainless steel	ASTM A351 CF8M	ASTM A479 316	Inconel	-10	14157427

Disclaimer: The content of this document has been composed with the utmost care. However, it is possible that certain information changes over time, becomes inaccurate or incomplete. ERIKS does not guarantee that the information provided on this document is up to date, accurate and complete; the information provided is not intended to be advice. ERIKS shall never be liable for damage resulting from the use of the information provided.