

LVF Piston check valve Type: 8030 Stainless steel Flange Class 300

Forged stainless steel check valve, piston type, with bolted cover and flanged ends, Class 300.



Characteristics

Type: 8030
Norm: ASME
Construction type: Straight
Housing material: Stainless steel
Material quality: ASTM A182 F316L
Connection: Flange
Flange finish: Raised face
Face to Face norm: ASME B16.10, T2, Serie 15
With spring: Yes
Maximum medium temperature (continuous): 540 °C
Maximum pressure difference at 20 °C: 136 bar

Technical Information

- Design: API602, ASME B16.34.
- Testing: API598.
- Emission standard: API 624.
- NACE MR01-75, MR01-04.

Options

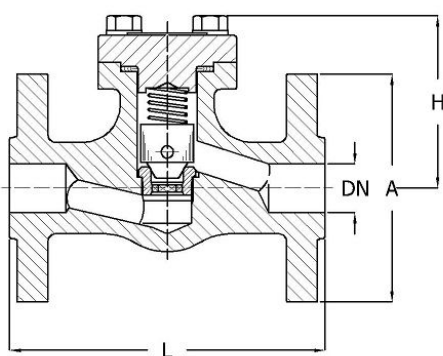
- Available in Class150; type 8015.
- Available in Class 1500 and 2500.
- Available in other materials.
- Available with butt weld ends or RTJ flanges.
- Available for cryogenic or high temperature applications.

Application

- Refineries and (petro-) chemical procesinstallations.
- Oil & gas industry.
- Steam and oil.
- Corrosive liquids and gases.
- Recommended in: Chemical, Petrochemical and Refining

Size table:

DN	A	H	L	Weight
	mm	mm	mm	kg
1/2" [15]	95	80	152.5	3
3/4" [20]	118	85	178	5.1
1" [25]	124	95	203	6
1.1/2" [40]	156	102	229	12.5
2" [50]	165	145	267	19



Pressure and temperature table

-29/38	50	100	150	200	250	300	350	400	425	450	500	538	[°C]
49.6	48.1	42.2	38.5	35.7	33.4	31.6	30.3	29.4	29.1	28.8	28.2	25.2	[bar]

Check the above values and any additional comments with ASME B16.34 (last version).

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	Pressure rating	Face to Face length	Valve shape	Sealing	Material disc	Material cover	Material cover gasket	Spring material	Minimum medium temperature (continuous)	Article
		mm							°C	
1/2" [15]	Class 300	152.5	Flap	Trim 12	ASTM A182 F316L	ASTM A182 F316L	Stainless steel 316 SW Graphite filled	ASTM A182 F316L	-196	14232002
3/4" [20]	Class 300	178	Flap	Trim 12	ASTM A182 F316L	ASTM A182 F316L	Stainless steel 316 SW Graphite filled	ASTM A182 F316L	-196	14232003
1" [25]	Class 300	203	Flap	Trim 12	ASTM A182 F316L	ASTM A182 F316L	Stainless steel 316 SW Graphite filled	ASTM A182 F316L	-196	14232004
1.1/2" [40]	Class 300	229	Flap	Trim 12	ASTM A182 F316L	ASTM A182 F316L	Stainless steel 316 SW Graphite filled	ASTM A182 F316L	-196	14232005
2" [50]	Class 300	267	Flap	Trim 12	ASTM A182 F316L	ASTM A182 F316L	Stainless steel 316 SW Graphite filled	ASTM A182 F316L	-196	14281752

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.