

LVF Piston check valve Type: 8015 Stainless steel Flange Class 150

Forged stainless steel check valve, piston type, with bolted cover and flanged ends, Class 150

Characteristics

Type: 8015

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, T1, 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

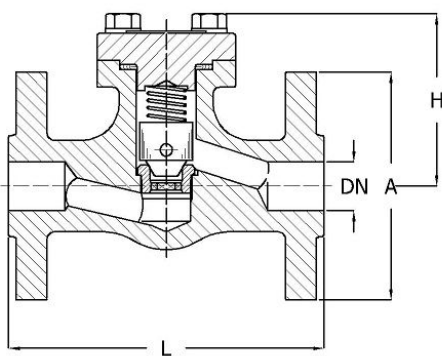
- Available in Class 300; type 8030.
- Available in Class 1500 and 2500.
- Available in other materials.
- Available with butt weld ends or RTJ flanges.
- Available for cryogenic or high temperature applications.

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 mm	H mm	L mm	Weight kg
1/2" [15]	89	76	108	2.6
3/4" [20]	98.4	80	118	3.8
1" [25]	108	92	127	5.1
1.1/2" [40]	127	100	165	8.9
2" [50]	152.4	140	203	14.3



Pressure and temperature table

-29/38	50	100	150	200	250	300	350	400	425	450	500	538	[°C]
19	18.4	16.2	14.8	13.7	12.1	10.2	8.4	6.5	5.5	4.6	2.8	1.4	[bar]

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

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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 150	108	Flap	Trim 12	ASTM A182 F316L	ASTM A182 F316L	Stainless steel 316 SW Graphite filled	ASTM A182 F316L	-196	14231998
3/4" [20]	Class 150	118	Flap	Trim 12	ASTM A182 F316L	ASTM A182 F316L	Stainless steel 316 SW Graphite filled	ASTM A182 F316L	-196	14231999
1" [25]	Class 150	127	Flap	Trim 12	ASTM A182 F316L	ASTM A182 F316L	Stainless steel 316 SW Graphite filled	ASTM A182 F316L	-196	14232000
1.1/2" [40]	Class 150	165	Flap	Trim 12	ASTM A182 F316L	ASTM A182 F316L	Stainless steel 316 SW Graphite filled	ASTM A182 F316L	-196	14232001
2" [50]	Class 150	203	Flap	Trim 12	ASTM A182 F316L	ASTM A182 F316L	Stainless steel 316 SW Graphite filled	ASTM A182 F316L	-196	14281751

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