



LVF Check valve Type: 1720 Stainless steel Internal thread (NPT) Class 800

Forged stainless steel check valve, piston type, with bolted cover and NPT thread ends, Class 800.

Characteristics

Type: 1720
Norm: ASME
Construction type: Straight
Housing material: Stainless steel
Material quality: ASTM A182 F316L
Connection: Internal thread (NPT)
Standard thread connection: ASME B1.20.1
With spring: Yes
Maximum medium temperature (continuous): 540 °C
Maximum pressure difference at 20 °C: 136 bar

Application

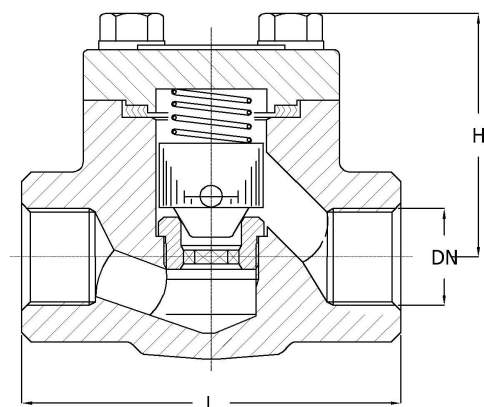
- Refineries and (petro-) chemical process installations.
- Oil & gas industry.
- Corrosive liquids and gases.
- Recommended in: Chemical, Petrochemical and Refining

Technical Information

- Design: API602, ASME B16.34.
- Testing: API598.
- Emission standard: API 624.
- NACE MR01-75, MR01-03.

Options

- Available in carbon steel; type 1730.
- Available with socket weld connections; type 1722.
- Available in Class 1500.
- Available in other materials.
- Available for cryogenic or high temperature applications.



Size table:

DN	H	L	Weight
	mm	mm	kg
1/2" [15]	49	80	1.1
3/4" [20]	55	90	1.8
1" [25]	70	110	2.6
1.1/2" [40]	105	155	5.5
2" [50]	120	170	8.4

Pressure and temperature table

-29/38	50	100	150	200	250	300	350	400	425	450	500	538	[°C]
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Non-return Valves | Non-return Valves with Threaded Connection

Pressure and temperature table

132.4	127.5	109	98.7	91.9	86.7	82.4	79	75.8	74.7	73.1	70.7	65.2	[bar]
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Check the above values and any additional comments with API602.

Nominal inner diameter	Pressure rating	Face to Face length mm	Valve shape	Sealing	Material disc	Material cover	Material cover gasket	Spring material	Minimum medium temperature (continuous) °C	Article
1/2" [15]	Class 800	80	Flap	Trim 12	ASTM A182 F316L	ASTM A182 F316L	Stainless steel 316 SW Graphite filled	ASTM A182 F316L	-196	13615038
3/4" [20]	Class 800	90	Flap	Trim 12	ASTM A182 F316L	ASTM A182 F316L	Stainless steel 316 SW Graphite filled	ASTM A182 F316L	-196	13615039
1" [25]	Class 800	110	Flap	Trim 12	ASTM A182 F316L	ASTM A182 F316L	Stainless steel 316 SW Graphite filled	ASTM A182 F316L	-196	13615040
1.1/2" [40]	Class 800	155	Flap	Trim 12	ASTM A182 F316L	ASTM A182 F316L	Stainless steel 316 SW Graphite filled	ASTM A182 F316L	-196	13615041
2" [50]	Class 800	170	Flap	Trim 12	ASTM A182 F316L	ASTM A182 F316L	Stainless steel 316 SW Graphite filled	ASTM A182 F316L	-196	13615042

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