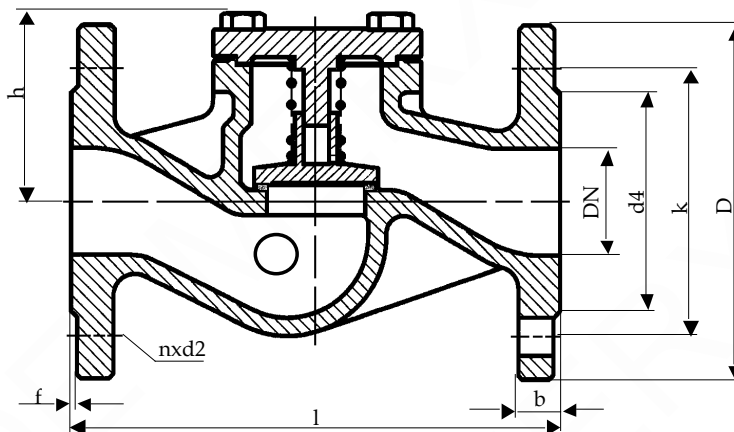


DIN EN 13709
Globe check valve lift type
with spring

in stainless steel

DN 65 - 250 PN 16 Page 1/2

DN15 - 250 PN 40 Page 3/4



Length acc. to DIN EN 558-1, face to face series 1

Size DN	nom. pressure	flange	max.working temperature	max.working pressure (bar) to °C					
				neutr. liquids up to			neutr. gases up to		
65 - 250	PN 16	DIN EN 1092-1 Form B1 PN 16	- 60 °C bis/ up to 300 °C * only for media, its scope do not increase at minus temperatures	100°C	200°C	300°C	100°C	200°C	300°C
				13	10	8,5	13	10	8,5

DN	D	k	d4	l	h	n	d2	b	f	kg
65	185	145	122	290	105	4	18	18	3	16,0
80	200	160	138	310	135	8	18	20	3	21,0
100	220	180	158	350	180	8	18	20	3	35,0
125	250	210	188	400	210	8	18	22	3	63,0
150	285	240	212	480	220	8	22	22	3	74,0
200	340	295	268	600	270	12	22	24	3	128,0
250	405	355	320	730	-	12	26	26	3	181,0

Technical Description

Self-closing globe check valve in stainless steel with spring in rust-resistant steel.
Reliable function of the valve and damping of the pushes via the spring mounted on the plug.
Body and cover are connected with studs. The flow direction of the medium is always under the plug.

Area of application

For aggressive liquids, gas and steam.

DIN EN 1092 determines the admissible operating pressure, in relation to the temperature.

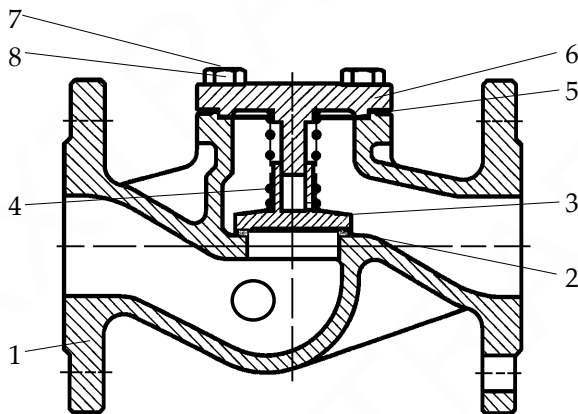
Testing

The tests are carried out acc. to DIN EN 12266.

Solidity of body : nominal pressure (PN) x 1,5

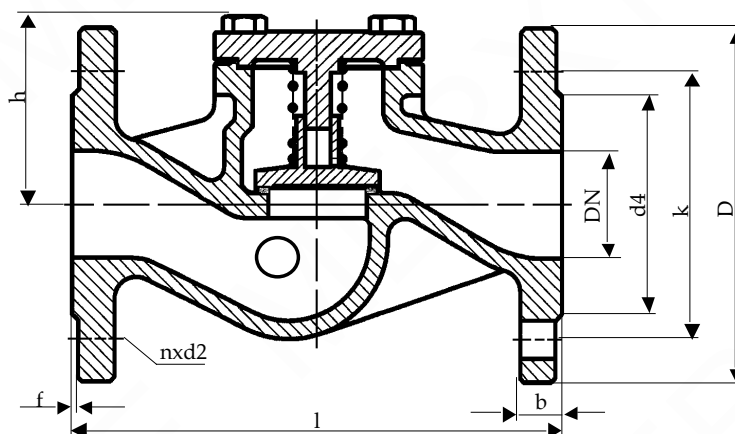
Tightness of seat : nominal pressure (PN) x 1,1

Subject to change!



Pos.	Designation	Material	Wnr./DIN
1	body	GX5CrNiMo 19112	1.4408
2	seat	GX5CrNiMo 19112	1.4408
3	plug	X6CrNiMoTi17122	1.4571
4	spring	X5CrNiMo17-12-2	1.4401
5	gasket	Graphit	/
6	cover	GX5CrNiMo 19112	1.4408
7	stud	A4	938
8	hexagon nut	A4	934
9			
10			
11			
12			
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15			
16			
17			
18			
19			
20			
21			
22	- Other materials on request.		
23			

DIN EN 13709 Globe check valve with spring in stainless steel DN 15 - 250 PN 40



Length acc. to DIN EN 558-1 face to face series 1

Size DN	nom. pressure	flange	max.working temperature	max.working pressure (bar) to °C					
				neutr. liquids up to			neutr. gases up to		
15 - 250	PN 40	DIN EN 1092-1 Form B1 PN 40	- 60 °C bis/up to 300 °C <small>* only for media of its scope do not increase at sub-zero temperatures</small>	100°C	200°C	300°C	100°C	200°C	300°C
				32	25	21	32	25	21

DN	D	k	d4	l	h	n	d2	b	f	kg
15	95	65	45	130	90	4	14	16	2	3,0
20	105	75	58	150	75	4	14	18	2	4,0
25	115	85	68	160	90	4	14	18	2	4,5
32	140	100	78	180	85	4	18	18	2	6,0
40	150	110	88	200	95	4	18	18	3	8,0
50	165	125	102	230	105	4	18	20	3	10,5
65	185	145	122	290	105	8	18	22	3	16,0
80	200	160	138	310	135	8	18	24	3	21,0
100	235	190	162	350	180	8	22	24	3	35,0
125	270	220	188	400	210	8	26	26	3	63,0
150	300	250	218	480	220	8	26	28	3	74,0
200	375	320	285	600	270	12	30	34	3	128,0
250	450	385	345	730	-	12	33	38	3	181,0

Technical Description

Self-closing globe check valve in stainless steel with spring in rust-resistant steel.
Reliable function of the valve and damping of the pushes via the spring mounted on the plug.
Body and cover are connected with studs. The flow direction of the medium is always under the plug.

Area of application

For aggressive liquids, gas and steam.
DIN EN 1092 determines the admissible operating pressure, in relation to the temperature.

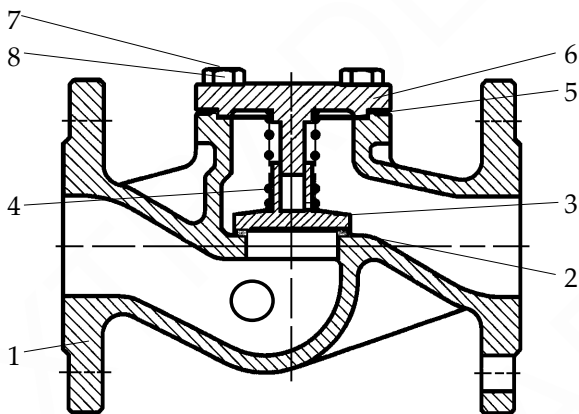
Testing

The tests are carried out acc. to DIN EN 12266.

Solidity of body : nominal pressure (PN) x 1,5

Tightness of seat : nominal pressure (PN) x 1,1

Subject to change!



Pos.	Designation	Material	WNr./DIN
1	body	GX5CrNiMo 19112	1.4408
2	seat	GX5CrNiMo 19112	1.4408
3	plug	X6CrNiMoTi17122	1.4571
4	spring	X5CrNiMo17-12-2	1.4401
5	gasket	Graphit	/
6	cover	GX5CrNiMo 19112	1.4408
7	stud	A4	938
8	hexagon nut	A4	934
9			
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12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22	-Other materials on request.		
23			