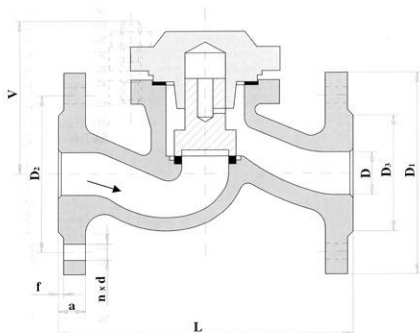


Lift check valve, straight-way

Z 15 117-040

C 09 117-040

PN 40



Application

Self-acting valve which prevents reverse flow of the service fluid, for use with aggressive liquids, steam and gases for service pressures and temperatures:

Temperature [°C]	Pressure [MPa]	
200	1,60	4,0

Tightness of these valve types cannot be guaranteed.

Technical description

The valve is straight-way type. Disc is guided in a bonnet. Flow direction in the valve is from under the disc.

Connecting and face-to-face dimensions

Flange connecting dimensions as per ČSN 13 1060, DIN 2501 and ČSN 13 1061. Face-to-face dimensions as per ČSN EN 558, DIN 3202 F1.

Basic face-to-face and connecting dimensions are given in the table.

Material

Body, bonnet:

Z 15 cast stainless steel (42 2931)

C 09 DIN 1.4408

Disc stainless steel (13 Cr)

Testing

The valve is tested as per ČSN 13 3060, part 2, DIN 3230.

Installation

The valve must be installed only in horizontal pipeline with the bonnet upwards.

Operation

The valve is self-acting, using the pressure of the service fluid on the disc.

DN	D	L	V	D ₁	D ₂	D ₃	a	f	d	n	kg
15	15	130	70	95	65	45	16	2	14	4	2,5
20	20	150	70	105	75	58	18	2	14	4	3,1
25	25	160	70	115	85	68	18	2	14	4	3,8
32	32	180	92	135	100	78	18	2	18	4	6,8
40	40	200	92	145	110	88	18	3	18	4	7,9
50	50	230	92	160	125	102	20	3	18	4	9,7
65	70	290	132	180	145	122	22	3	18	8	22,0
80	80	310	150	195	160	138	24	3	18	8	30,0
100	100	350	168	230	190	162	24	3	23	8	45,0
125	125	400	198	270	220	188	26	3	27	8	70,0
150	150	480	230	300	250	218	28	3	27	8	95,0
200	200	600	273	375	320	280	34	3	30	12	170,0