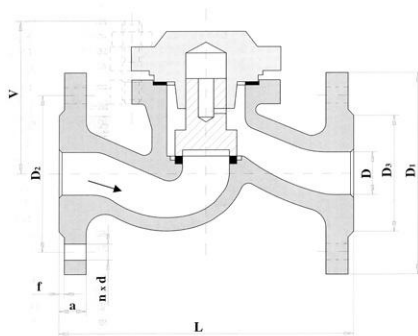


Lift check valve, straight-way

Z 15 117-616

PN 16



Application

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

Temperature [°C]	Pressure [MPa]
120	1,60
150	1,44
200	1,28
250	1,12
300	0,96

Tightness of this valve type 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 grey cast iron
 Disc to DN 25 stainless steel (13 Cr)
 Disc from DN 40 grey cast iron with rolled-in sealing ring (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	53	95	65	45	14	2	14	4	2,3
25	25	160	60	115	85	68	16	2	14	4	4,0
40	40	200	75	145	110	88	18	3	18	4	8,0
50	50	230	85	160	125	102	20	3	18	4	10,0
65	70	290	100	180	145	122	20	3	18	4	15,0
80	80	310	135	195	160	138	22	3	18	8	21,0
100	100	350	158	215	180	158	24	3	18	8	31,0
125	125	400	180	245	210	188	26	3	18	8	46,0
150	150	460	205	280	240	212	26	3	22	8	61,0
200	200	600	255	335	295	268	30	3	22	12	107,0