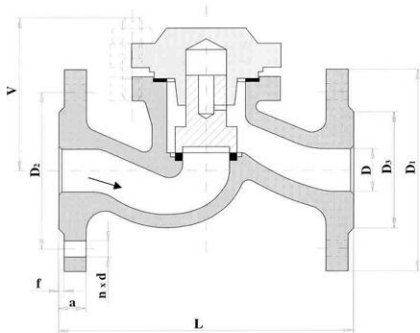


# Lift check valve, straight-way

Z 15 117-516

PN 16



## Application

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

Temperature [°C]	Pressure [MPa]
200	1,60
300	1,24
400	0,94

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 cast carbon steel  
 Disc to DN 50 stainless steel (13 Cr)  
 Disc from DN 65 carbon steel with overlay (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 <sub>1</sub>	D <sub>2</sub>	D <sub>3</sub>	a	f	d	n	kg
15	15	130	66	95	65	47	14	2	14	4	3,7
20	20	150	75	105	75	58	16	2	14	4	4,2
25	25	160	80	115	85	68	16	2	14	4	6,7
32	32	180	88	140	100	78	16	2	18	4	7,8
40	40	200	105	150	110	88	16	3	18	4	10,5
50	50	230	115	165	125	102	18	3	18	4	13,0
65	70	290	135	185	145	122	18	3	18	4	24,4
80	80	310	145	200	160	133	20	3	18	8	36,0
100	100	350	175	220	180	158	20	3	18	8	48,5
125	125	400	215	250	210	184	22	3	18	8	70,5
150	150	480	240	285	240	212	22	3	22	8	98,7
200	200	600	285	340	295	268	24	3	22	12	189,9