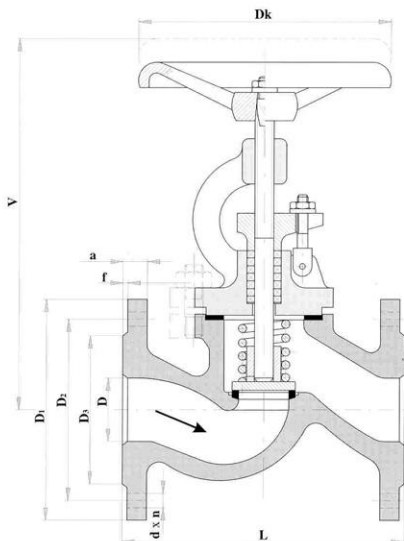


Shut-off check valve

Z 26 111-540

PN 40



Application

The valve is intended to prevent reverse flow and strokes of the service fluid. If necessary, the valve can be permanently closed. For use with water, steam, non-aggressive liquids and gases for service pressures and temperatures:

Temperature [°C]	Pressure [MPa]
20	4,0
200	3,5
250	3,2
300	2,8
350	2,4
400	2,1

Flow direction is from under the disc.

Connecting and face-to-face dimensions

Face-to-face dimensions DIN 3202.

Dimensions of inlet and outlet body flange face "C"-shaped or "D"-shaped as per DIN 2501 and DIN 2545.

Material

Body, yoke	cast steel (42 2643)
Gland follower	malleable iron
Stem	stainless steel
Disc to DN 50	stainless steel
Disc from DN 65	carbon steel
Seat	stainless steel
Gland packing	asbestos-free

Installation

The valve can be installed only into horizontal pipeline.

Operation

The valve can be closed by handwheel. When the stem is in its uppermost position, the valve works automatically, using the pressure of the service fluid on the disc, which closes to prevent reverse medium flow.

DN	D	D _k	L	V	D ₁	D ₂	D ₃	a	f	d	n	kg
15	15	125	130	170	95	65	45	16	2	14	4	4,2
20	20	125	150	195	105	75	58	18	2	14	4	4,9
25	25	125	160	200	115	85	68	18	2	14	4	5,6
32	32	165	180	235	140	100	78	18	2	18	4	11
40	40	200	200	275	150	110	88	18	3	18	4	13,5
50	50	200	230	275	165	125	102	20	3	18	4	17
65	70	250	290	345	185	145	122	22	3	18	8	26
80	80	250	310	355	200	160	138	24	3	18	8	36
100	100	315	350	415	235	190	162	24	3	22	8	55
125	125	315	400	495	270	220	188	26	3	26	8	83
150	150	315	480	545	300	250	218	28	3	26	8	105