

Lift Check Valve - Straight Type DIN Length

Ductile Iron
Bronze Trim
Lift Type

Technical features

Design Body: EN 86252 with spring
 Face to face EN 558 Series 1 (DIN 3202 F1)
 Flange Dimension DIN Flanges acc. to EN 1092-2/B (DIN 2501)

- Ductile Iron lift type check valves with bronze seats, in DIN Standards, straight pattern, raised faced flanges as per DIN and bolted bonnet.

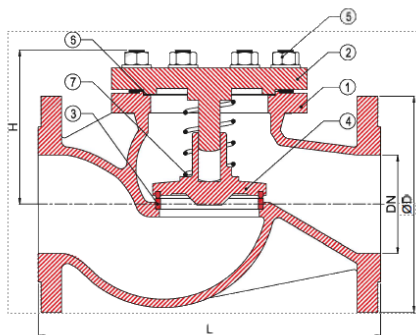


Pressure & temperature ranges

Bore	Pressure rating	Working pressure [bar]		Closure
		120 °C	Casing	
DN 15 - DN 200	PN16	16	24	17.6
DN 200 - DN 250	PN10	10	15	11
DN 300 - DN 350	PN6	6	9	6.6
DN 400 - DN 500	PN4	4	6	4.4

Material specifications

Part No.	Component	Material		
1	Body	EN-GJS400-18-LT	EN-JS 1025	GGG40.3
2	Bonnet	EN-GJS400-18-LT	EN-JS 1025	GGG40.3
3	Seats	CuSn5Zn5Pb5-C	CC491K	RG5
4	Disc ≤ 65	CuSn5Zn5Pb5-C	CC491K	RG5
4	Disc (≥ 80)	EN-GJS400-18-LT	EN-JS 1025	GGG40.3
5	Bolts, nuts	Steel	Steel	Steel
6	Bonnet gasket	Graphite	Graphite	Graphite
7	Spring	1.4310	1.4310	1.4310



Dimensions

DN [mm]	Flange Connection	ØD [mm]	L [mm]	H [mm]	Weight [kg]
15	PN16	95	130	55	3.0
20	PN16	105	150	55	3.5
25	PN16	115	160	65	4.0
32	PN16	140	180	75	5.0
40	PN16	150	200	80	8
50	PN16	165	230	85	10
65	PN16	185	290	95	14
80	PN16	200	310	115	22
100	PN16	220	350	140	38
125	PN16	250	400	160	47
150	PN16	285	480	200	60
175	PN16	315	550	225	95
200	PN16	340	600	245	115
200	PN10	340	600	245	115
250	PN10	395	730	290	150
300	PN10	445	850	345	230
350	PN10	505	980	400	280
400	PN10	565	1100	425	430
450	PN10	615	1200	450	500
500	PN10	670	1250	500	670