

Lift Check Valve - Straight Type

Technical features

Design	Special design- with spring
Face to face	Acc. to below mentioned dimension table DIN
Flange Dimension	Flanges acc. to EN 1092-3/A (DIN 2501)



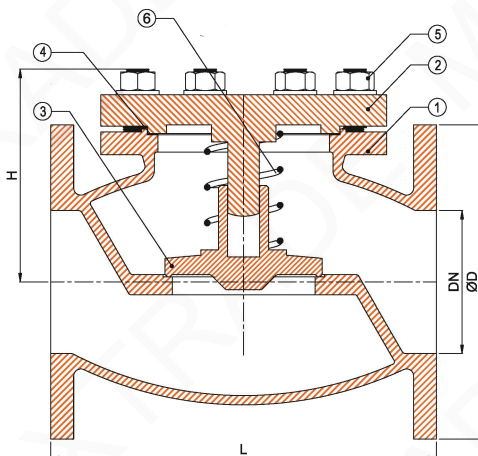
- Bronze lift type check valves with bronze disc and seat, pressure rating PN 16, straight pattern, flat faced flanges as per DIN PN 16 and bolted bonnet. Only suitable for installation in horizontal pipelines.
- Application: The valves offer good resistance to corrosive action of seawater, fresh water and waste water.

Pressure & temperature ranges

Bore	Pressure rating	Working pressure [bar]		Hydro test pressure [bar]	
		120 °C	Casing	Closure	
DN 15- DN 200	PN16	16	24	17.6	
DN 200	PN10	10	15	11	

Material specifications

Part No.	Component	Material		
1	Body	CuSn5Zn5Pb5-C	CC491K	RG5
2	Bonnet	CuSn5Zn5Pb5-C	CC491K	RG5
3	Disc	CuSn5Zn5Pb5-C	CC491K	RG5
4	Bonnet gasket	Graphite	Graphite	Graphite
5	Bolts, nuts	X5CrNi18-10	1.4301	A2
6	Spring	1.4310	1.4310	1.4310



Dimensions

DN [mm]	Flange Connection	ØD [mm]	L [mm]	H [mm]	Weight [kg]
15	PN16	95	120	65	2.5
20	PN16	105	120	65	2.9
25	PN16	115	140	75	4.0
32	PN16	140	150	75	5.0
40	PN16	150	155	95	6.0
50	PN16	165	180	105	8.0
65	PN16	185	200	115	11
80	PN16	200	240	130	15
100	PN16	220	270	150	24
125	PN16	250	320	175	40
150	PN16	285	370	195	50
200	PN16	340	500	260	95
200	PN10	340	500	260	95