



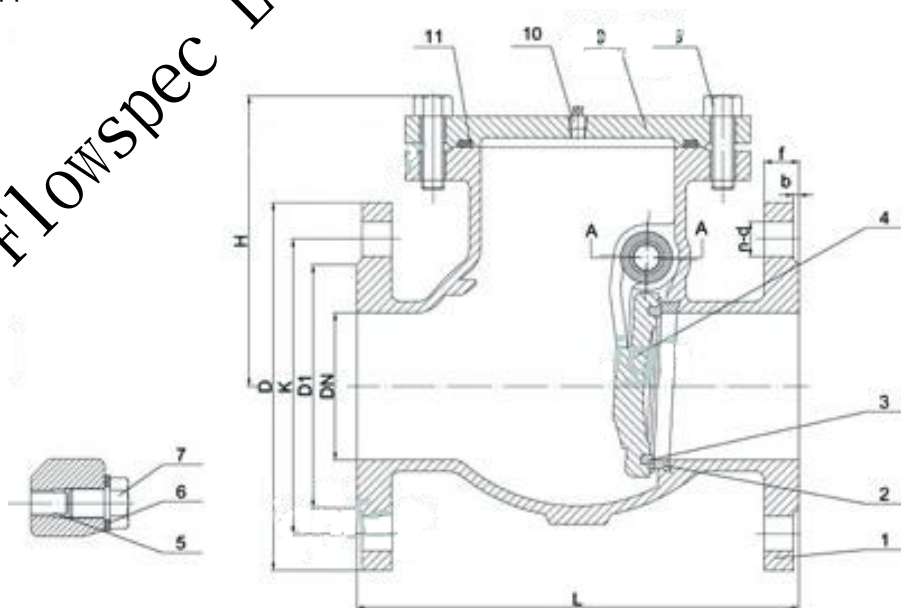
LUOKAI
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Cast Iron Swing Check Valve BS EN16767



Technical Specifications

1. Design according to BS EN16767: 2016, BS5153: 1974
2. Face to face: EN558 series 14
3. Flanged ends: EN 1092-2: 1997
4. Test according to EN 12266-1: 2012
5. Working pressure: 16bar
6. Hydraulic test: 1.5PN (25bar)
7. Leakage test: 1.1PN (18bar)
8. Applicable medium: water
9. Applicable temperature: $\leq 80^{\circ}\text{C}$
10. Interior and exterior fusion bonded powder epoxy resin with minimum dry film thickness of 250 microns
11. Special: WRAS approved





Main Parts and Materials

NO.	Part Name	Material	Standards	
1	Body	Ductile Iron	EN1563-GJS-450	BS2789
2	Body Seat	Gunmetal	EN1982 CC491K	BS1400 LG2
3	Disc Seat	Gunmetal	EN1982 CC491K	BS1400 LG2
4	Disc	Ductile Iron	EN1563-GJS-450	BS2789
5	Hinge Pin	Stainless Steel	EN10088-3 1.4301	BS970 304S15
6	Washer	Brass	EN ISO7089	BS4320
7	Hexagon Bolt	Brass	EN ISO4017	BS3692
8	Hexagon Bolt	Carbon Steel	EN ISO4017	BS3692
9	Bonnet	Ductile Iron	EN1563-GJS-450	BS2789
10	Plug	Stainless Steel	EN10088-3 1.4301	BS970 304S15
11	O-ring	EPDM	EN681-1	BS2494

Main Connection Dimensions

DN	L	H	D	K	D1	n-d	b	f	Weight/Kgs
50	203	134	165	125	99	4-19	19	3	15
65	216	140	185	145	118	4-19	19	3	19
80	241	167	200	160	132	8-19	19	3	27
100	292	180	220	180	156	8-19	19	3	36
125	330	197	250	210	184	8-19	19	3	55
150	356	229	285	240	211	8-23	19	3	70
200	495	300	340	295	266	12-23	20	3	120
250	622	348	405	355	319	12-28	22	3	205
300	698	384	460	410	370	12-28	24.5	4	263