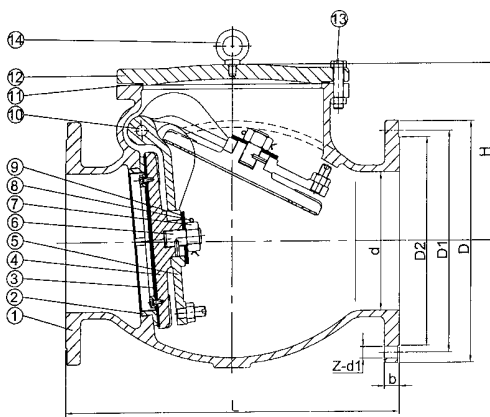


Cast Iron Swing Check Valve, PN16 Bolted Bonnet, Horizontal Swing, Bronze Mounted

Face to Face to BS 2080 BSEN 558-1 • Flange Dimensions BSEN 1092-2
Conform to BS 5153 • Flange drilled to BS 4504



NPF 938

MATERIAL LIST

PART	MATERIAL	SPECIFICATION (BS)
1. Body	Cast Iron	1561 EN JL 1030
2. Seat Ring	Bronze	1982 CC491K
3. Disc Face Ring	Bronze	1982 CC491K
4. Disc	Cast Iron	1561 EN JL 1030
5. Hinge	Carbon Steel	BSEN 10087
6. Stud	Carbon Steel	BSEN 10087
7. Nut	Carbon Steel	BSEN 10087
8. Pin	Carbon Steel	BSEN 10087
9. Washer	Carbon Steel	BSEN 10087
10. Hinge Pin	S.S/Brass	BSEN 10088-1 / 12164 CW603N
11. Gasket	Graphite	--
12. Bonnet	Cast Iron	1561 EN JL 1030
13. Bolt	Carbon Steel	BSEN 10087
14. Eye-Bolt	Carbon Steel	BSEN 10087
15. Plug	--	--
16. Nameplate	Aluminum	--
17. Pin	Carbon Steel	BSEN 10087

Pressure Testing

Shell 24 Bar
Seat 17.6 Bar

Pressure Rating

13 bar at 220°C
16 bar from -10°C to 120°C

DIMENSIONS (mm)

Nominal Size Inch(mm)	d	L	H	D	D1	D2	b	z	d1	Wt. (Kg)
2 1/2" (65mm)	65	216	161	185	145	122	20	4	18	20
3" (80mm)	80	241	175	200	160	138	22	8	18	25
4" (100mm)	100	292	219	220	180	158	24	8	18	39
5" (125mm)	125	330	225	250	210	188	25	8	18	59
6" (150mm)	150	356	256	285	240	212	26	8	22	70
8" (200mm)	200	495	298	340	295	268	30	12	22	127
10" (250mm)	250	622	376	405	355	320	32	12	26	185
12" (300mm)	300	699	410	460	410	378	32	12	26	270

* On pump discharge, the preferred check valves are in-line spring loaded, swing design with lever and weight or lever and spring. Install the check valve a minimum of 5 times the pipe diameter.

* Do not use for reciprocating air compressor service.

* Iron body check valves may be installed in horizontal and vertical lines with upward flow or in any intermediate position.