

CARBON STEEL OR STAINLESS STEEL SWING CHECK VALVE BOLTED CAP DESIGN

DESIGN DESCRIPTION:

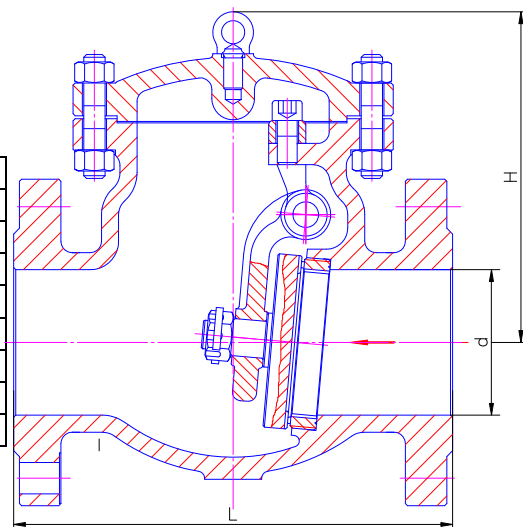
- Manufacture: ANSI B16.34 Or BS1560
- Design: API6D Or BS1868;
- Face To Face: B16.10 Or BS 2080;
- End To End: B16.10 Or BS 2080;
- Flange: ANSI B16.5 Or BS 1560;
- End: ANST B16.25;
- Test: API598 Or BS 6755 Part 1;
- Bolted Cap; Swing Type; Fully Guider; Integral Seat;
- No Out Pin For Resistent Leak; Horizontal Or Vertical Service
- Material and Working Temp.:
 - ◆ ASTM A216-WCB: -29 °C-420 °C(60 °F-822 °F)
 - ◆ STAINLESS STEEL: -40 °C-550 °C(15 °F-1047 °F)



PARTS AND MATERIAL:

PARTS NAME	MATERIALS
BODY	ASTM A216-WCB/A351-CF8/CF8M/CF3/CF3M
CAP	ASTM A216-WCB/A351-CF8/CF8M/CF3/CF3M
GASKET	PTFE/R-PTFE/GRAPHITE
DISC	ASTM A216-WCB+13CR/STL/A351-CF8/CF8M/CF3/CF3M
SEAT	A105+13CR/STL/SS304/SS316/SS304L/SS316L
SWING ARM	ASTM A216-WCB/A351-CF8/CF8M/CF3/CF3M
PIN	ASTM A182-F6a/F304/F316/F304L/F316L
BOLT & NUT	A194 2H+A193 B7/A1938+B8/A193 8M+A193 B8M

OTHER MATERIALS ARE AVAILABLE UPON REQUEST.



DIMENSIONS LIST(UNIT:MM):

DN	50	65	80	100	150	200	250	300	350	400	450	500	600	700	750	900
NPS	2"	2.5"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"	28"	30"	36"
CLASS150																
d	51	64	76	102	152	203	254	305	337	387	438	489	591	684	735	874
L(RF/BW)	203	216	241	292	356	495	622	699	787	864	978	978	1295	1448	1524	1956
LJ	216	229	254	305	368	508	635	711	800	876	991	991	1308			
H	152	165	175	204	293	353	390	432	475	525	582	627	883	940	980	1377
Wt RF	10	12	25	39	69	127	200	265	415	517	632	829	1427	1950	2540	3380
(kg) BW	/15	/20	/17	/29	/57	/96	/143	/227	/294	/468	/552	/755	/831	/1838	/2261	/3310
CLASS300																
d	51	64	76	102	152	203	254	305	337	387	438	489	591	692	743	876
L(RF/BW)	267	292	318	256	445	533	622	711	838	864	978	1016	1346	1499	1594	2083
LJ	283	308	333	371	460	549	638	727	854	879	994	1035	1368	1524	1619	
H	176	185	216	259	317	380	434	511	561	596	675	730	860	1163	1270	1510
Wt RF	21	30	39	60	127	193	309	445	612	778	958	1306	2200	3680	3880	6290
(kg) BW	/16	/22	/30	/53	/101	/157	/232	/414	/455	/766	/774	/960	/1792	/2780	/3380	/5640
CLASS600																
d	51	64	76	102	152	203	254	305	337	387	438	489	591	692	743	876
L(RF/BW)	292	330	356	432	559	660	787	838	889	991	1092	1194	1397	1549	1651	2082
LJ	295	333	359	435	562	664	791	841	892	994	1095	1200	1407	1562	1664	2099
H	184	210	232	263	374	426	517	569	622	680	752	975	1111	1192	1324	1542
Wt RF	28	43	52	98	199	349	594	814	1045	1473	1900	2375	3155	4600	5500	8100
(kg) BW	/21	/35	/43	/64	/145	/256	/375	/589	/694	/932	/1279	/1702	/2497	/3900	/4700	/7200
CLASS900																
d	51		76	102	152	203	254	305	322	373	423	471	522			
L(RF/BW)	368		381	457	610	737	838	965	1029	1130	1219	1321	1549	1753	1854	2156
LJ	371		384	460	613	740	841	968	1038	1140	1232	1333	1568	1775	1876	
H	296		300	327	441	502	664	775	782	838	839	932	984	1372	1521	1821
Wt RF	70		110	150	305	510	810	1120	1380	1900	3000	4000	5200	7550	8850	12750
(kg) BW	/50		/77	/113	/230	/387	/632	/901	/1139	/1613	/2650	/3550	/4650	/6420	/7510	/10780
CLASS1500																
d	51		76	102	144	192	239	305	315	360						
L(RF/BW)	368		470	546	705	832	991	1130	1257	1384	1537	1664	1943	2222	2362	
LJ	371		422	473	549	711	842	1000	1146	1276	1407	1559	1686			
H	296		341	412	511	680	756	857	950	1020	1147	1284	1539	2049	2304	
Wt RF	70		150	245	550	1010	1476	2280	3060	4500	6100	8000	9800	13400	15200	
(kg) BW	/50		/115	/190	/452	/750	/1012	/1780	/2290	/3500	/5200	/7500	/8400	/10200	/11100	

✧ We hereby reserve the rights of any alternative dimension that would help to improve our valve's quality and working efficiency.