

CARBON STEEL OR STAINLESS STEEL SWING CHECK VALVE PRESSURE SEAL DESIGN

DESIGN DESCRIPTION:

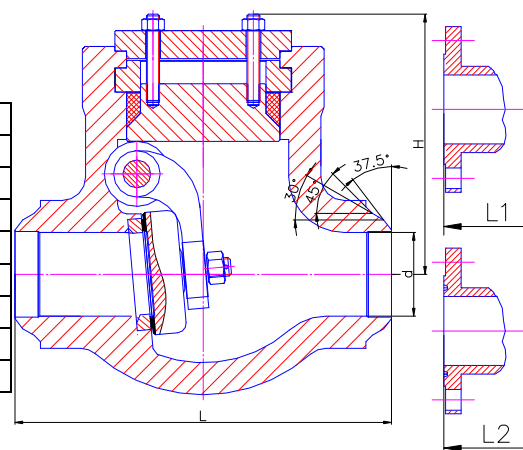
- Manufacture: ANSI B16.34 Or BS1560
- Design: API6D Or API600 Or BS1868;
- Face To Face: B16.10 Or BS 2080;
- End To End: B16.10 Or BS 2080;
- Flange: ANSI B16.5 Or BS 1560;
- End: ANST B16.25;
- Test: API598 Or BS 6755 Part 1;
- Bolted Cap; Pressure Seal Type; Integral Seat; Cap tightness;
- Available Welding O-Ring seat; Min Size Threaded Cap;
- 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
BONNET	ASTM A216-WCB/A351-CF8/CF8M/CF3/CF3M
DISC	ASTM A216-WCB+13CR/STL/A351-CF8/CF8M/CF3/CF3M
SEAT	A105+13CR/STL/SS304/SS316/SS304L/SS316L
PIN	ASTM A182-F6a/F304/F316/F304L/F316L
GASKET	PTFE/R-PTFE/GRAPHITE
SPLIT RING	CARBON STEEL/STAINLESS STEEL
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	125	150	200	250	300	350	400	450	500	600
SIZE	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"
CLASS 900														
d	47	57	73	98	121	146	191	238	282	311	356	400	445	533
L	368	419	381	457	559	610	737	838	965	1029	1130	1219	1321	1549
L1	368	419	381	457	559	610	737	838	965	1029	1130	1219	1321	1549
L2	371	422	384	460	562	613	740	841	968	1038	1140			
H	187	221	300	373	365	453	511	579	651	766	810	870		
CLASS 1500														
d	47	57	70	92	111	136	178	222	263	289	330	371	416	498
L	368	419	470	546	673	705	832	991	1130	1257	1384	1573	1664	1943
L1	368	419	470	546	673	705	832	991	1130	1257	1384	1573	1664	1943
L2	371	422	473	549	711	841	842	1000	1146	1276	1407			
H	187	221	310	394	420	487	555	670	760	810	945	1010		
CLASS 2500														
d	38	47	57	73	92	111	146	184	219					
L	451	508	578	673	794	914	1022	1270	1422					
L1	451	508	578	673	794	914	1022	1270	1422					
L2	454	514	584	683	807	927	1038	1292	1444					
H	245	264	270	318	384	451	559	576	656					

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