

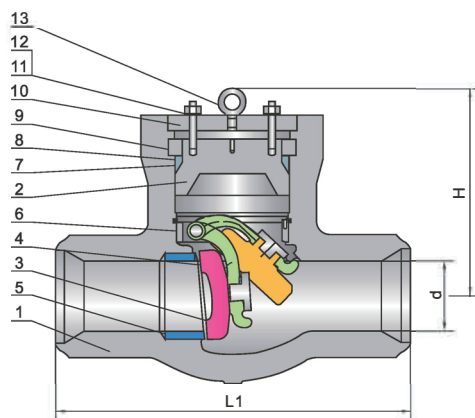
PRESSURE SEAL CAST STEEL SWING CHECK VALVE 900Lb

Applicable standards:

STEEL CHECK VALVES,API6D/BS1868
STEEL CHECK VALVES,ISO 14313
STEEL VALVES,ASME B16.34
FACE TO FACE,ASME B16.10
END FLANGES,ASME B16.5
BUTTWELDING ENDS,ASME B16.25
INSPECTION AND TEST,API 598/API 6D

Design description:

PRESSURE SEAL BONNET CAP
SWING TYPE,ANTI-ROTATION DISC
RENEWABLE SEAT RINGS
NON-PENETRATE DISC SHAFT
HORIZONTAL OR VERTICAL SERVICE
FLANGED OR BUTTWELDING ENDS

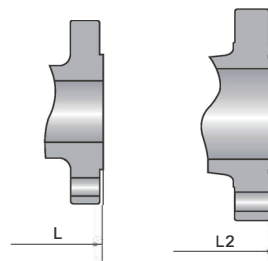


Materials of parts

NO	Part Name	ASTM Material		
		Carbon Steel	1 $\frac{1}{4}$ Cr- $\frac{1}{2}$ Mo	Carbon Steel
1	Body	A216-WCB	A217-WC6	A351-CF8M
2	Bonnet Cap	A216-WCB	A217-WC6	A351-CF8M
3	Disc	A105+HF	A182-F11+HF	A351-CF8M+HF
4	Hinge	A216-WCB	A217-WC6	A351-CF8M
5	Seat Ring	A105+HF	A182-F11+HF	A240-316+HF
6	Hinge Pin	A276-420	A276-304	A276-316
7	Bonnet Gasket ¹⁾	Steel Ring	304SS Ring	316SS Ring
8	Adapter Ring	Carbon Steel	A276-420	A276-316
9	Retainer	Carbon Steel	A276-420	A276-316
10	Bonnet Clamp	Carbon Steel	Alloy Steel	Stainless Steel
11	Bonnet Stud	A193-B7	A193-B7	A193-B8M
12	Bonnet Stud Nut	A194-2H	A194-2H	A194-8M
13	Eyebolt		Carbon Steel	

Note:1).Graphite optional

2).Disc and seat ring may either be solid facing material or a base material equal to or better than the body/bonnet material with facing as shown.



Dimensions data

NPS DN	2 50	2 $\frac{1}{2}$ 65	3 80	4 100	6 150	8 200	10 250	12 300	14 350	16 400	18 450	20 500	24 600	26 650	28 700	30 750	in mm
ANSI Class 900Lb																	
L1 (BW)	8.50 216	10.00 254	12.00 305	14.00 356	20.00 508	26.00 660	31.00 787	36.00 914	39.00 991	43.00 1092	47.99 1219	52.00 1321	60.98 1549	66.96 1701	71.96 1828	80.00 2032	in mm
L (RF)	14.50 368	16.50 419	15.00 381	18.00 457	24.00 610	29.00 737	33.00 838	38.00 965	40.5 1029	44.5 1130	47.99 1219	52.00 1321	60.98 1549	66.96 1701	71.96 1828	80.00 2032	in mm
L2 (RTJ)	14.62 371	16.62 422	15.12 384	18.12 460	24.12 613	29.12 740	33.12 841	38.12 968	40.88 1038	44.88 1140	48.50 1232	52.51 1334	61.73 1568	67.83 1723	72.83 1850	80.86 2054	in mm
H	9.50 240	9.50 240	10.00 255	13.38 340	15.75 400	18.12 460	21.62 550	24.00 610	27.00 685	29.50 750	33.97 863	36.96 939	41.96 1066	45.00 1143	46.96 1193	50.00 1270	in mm
(d)	47	57	72	98	146	190	238	282	311	355	400	444	533	-	-	-	mm
WT (kg)	22 44	34 55	38 61	71 116	176 255	485 630	761 940	1125 1433	1345 1710	1490 1820	2840 2000	3756 2700	6000 4100	6375 5100	7229 5750	8232 6510	RF BW