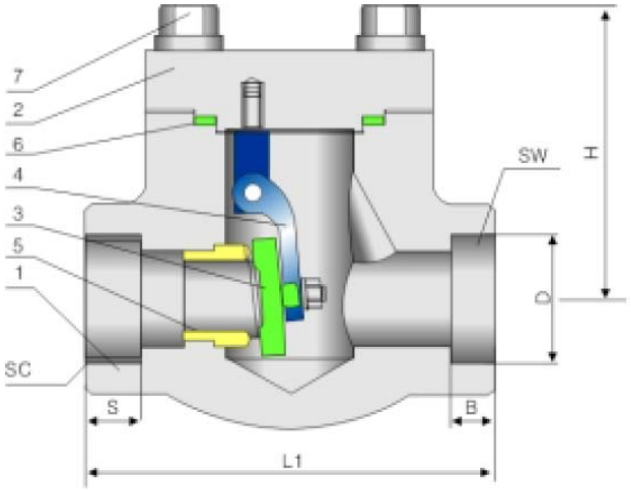
Check Valve, Forged Steel 800Lb

Applicable Standards:

- STEEL CHECK VALVES, API 602
- STEEL VALVES,ASME B16.34
- FACE TO FACE, MANUFACTURER STANDARD
- FACE TO FACE, FLANGED ,ASME B16.10
- END FLANGES,ASME B16.5
- BUTTWELDING ENDS,ASME B16.25
- SOCKET-WELDING ENDS,ASME B16.11
- SCREWED ENDS,ASME B1.20.1
- INSPECTION AND TEST, API 598

Design descriptions:

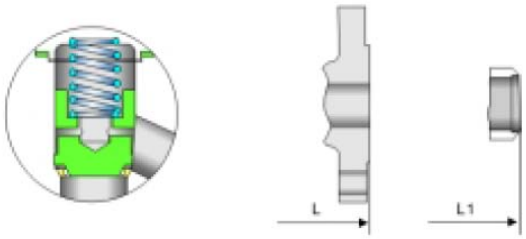
- BOLTED COVER
- CHOICE OF WB, WELDED COVER
- SEAT RINGS TYPE
- SEAT RINGS INTEGRAL WITH BODY OF LIFT
- HORIZONTAL OR VERTICAL SERVICE
- SW,SOCKET-WELDING ENDS
- SC,SCREWED ENDS
- BW,BUTTWELDING ENDS
- FLANGED ENDS



Materials of parts

NO	Part Name	C-Si	ASTM Materials 16Cr-12Ni-2Mo	ASTM Materials 1¼Cr-½Mo-Si
1	Body	A105	A182-F316	A182-F11
2	Cover	A105	A182-F316	A182-F11
3	Disc	A182-F6a	A182-F316	A182-F6a+HF
4	Hinge	A276-410	A276-316	A276-410
5	Seat	A276-410	A182-F316	A276-410+HF
6	Gasket[2)]	Graphite+304	Graphite+316	Graphite+304
7	Stud	A193-B7	A193-B8M	A193-B16

Note: 1) lift type check valve seat ring integral with body.
2)sprial wound construction.



150–600Lb

Dimensional datas

NPS DN	Unit	L1	L(Flanged Ends)			d	SW		SC		H	WT(kg)
			150Lb	300Lb	600Lb		D	B	NPT	S		
3/8	in	3.12	4	6	6.5	0.354	0.693	0.378	3/8	0.54	2.4	3.8/2.8
10	mm	79	102	152	165	9	17.6	9.6		13.6	61	
1/2	in	3.12	4.25	6	6.5	0.354	0.858	0.378	1/2	0.535	2.4	5.6/3.4
15	mm	79	108	152	165	10	21.8	9.6		13.6	61	
3/4	in	3.62	4.62	7	7.5	0.512	1.067	0.5	3/4	0.547	2.4	7.8/4.7
20	mm	92	117	178	190	13	27.1	12.7		13.9	61	
1	in	4.38	5	8	8.5	0.689	1.331	0.5	1	0.681	3.07	12.5/9.2
25	mm	111	127	203	216	17.5	33.8	12.7		17.3	78	
1¼	in	4.75	5.5	8.5	9	0.906	1.677	0.5	1¼	0.709	3.31	17/10.5
32	mm	120	140	216	229	23	42.6	12.7		18	84	
1½	in	4.75	6.5	9	9.5	1.142	1.917	0.5	1½	0.724	10.25	23.5/13.3
40	mm	120	165	229	241	30	48.7	12.7		18.4	3.98	
2	in	5.5	8	10.5	11.5	1.378	2.406	0.626	2	0.756	4.72	38.8/18.9
50	mm	140	203	267	292	35	61.1	15.9		19.2	120	