



LUNKENHEIMER®

LVC Forged Steel Swing Check Valves (Class 800) are available with bolted covers having spiral wound gaskets made of stainless steel / graphite.



Swing Check Valve

Check Valve Design and Specifications:

LVC Forged Steel Check Valves conform to MSS-SP-118 and ASME B16.34. Each valve is tested in accordance with API 598, and marked per MSS SP 25.

Construction:

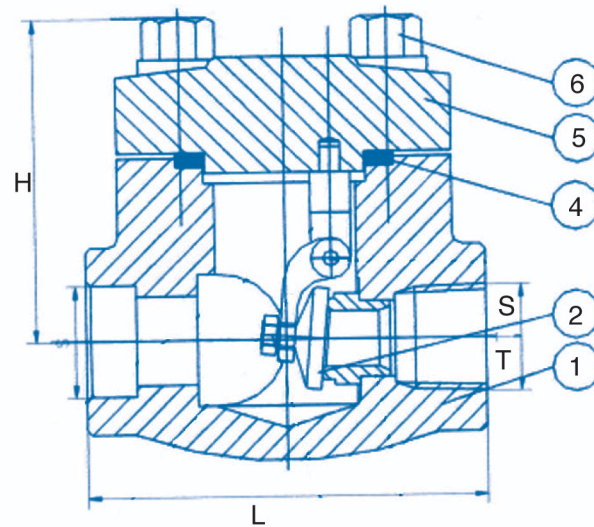
- Bolted cover
- Conventional or full port
- Socket weld ends to ASME B16.11
- Threaded ends to ANSI / ASME B.1.20.1
- Swing check valves for horizontal service only
- Welded bonnet check valves are optional

LUNKENHEIMER

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Engineering Data

Forged Swing Check Valves - Class 800



No.	Part Name	Materials		
1	Body	ASTM A105	A182 F304	A182 F316
2	Disc	F6	A182 F304	A182 F316
4	Gasket	Graphite + 304		Graphite +316
5	Cap	ASTM A105	A182 F304	A182 F316
6	Cap Bolt	ASTM A193 B7	ASTM A193 B8	
Other materials are available upon request				

Size		S (Socket)		L	H	Wt (lbs)
Regular	Full	Regular	Full			
1/4"	–	0.55	–	3.11	2.40	3.3
3/8"	1/4"	0.69	0.56	3.11	2.40	3.3
1/2"	3/8"	0.86	0.69	3.11	2.40	3.3
3/4"	1/2"	1.07	0.86	3.62	2.40	4.0
1"	3/4"	1.33	1.07	4.37	3.07	5.1
1-1/4"	1"	1.68	1.33	4.72	3.31	8.6
1-1/2"	1-1/4"	1.92	1.68	5.98	4.06	12.4
2"	1-1/2"	2.41	1.92	6.77	4.65	20
–	2"	–	2.41	7.87	5.20	28