

Swing Check Valves

Forged Steel

Sizes 3/8" thru 2"
Class 800 - 2500



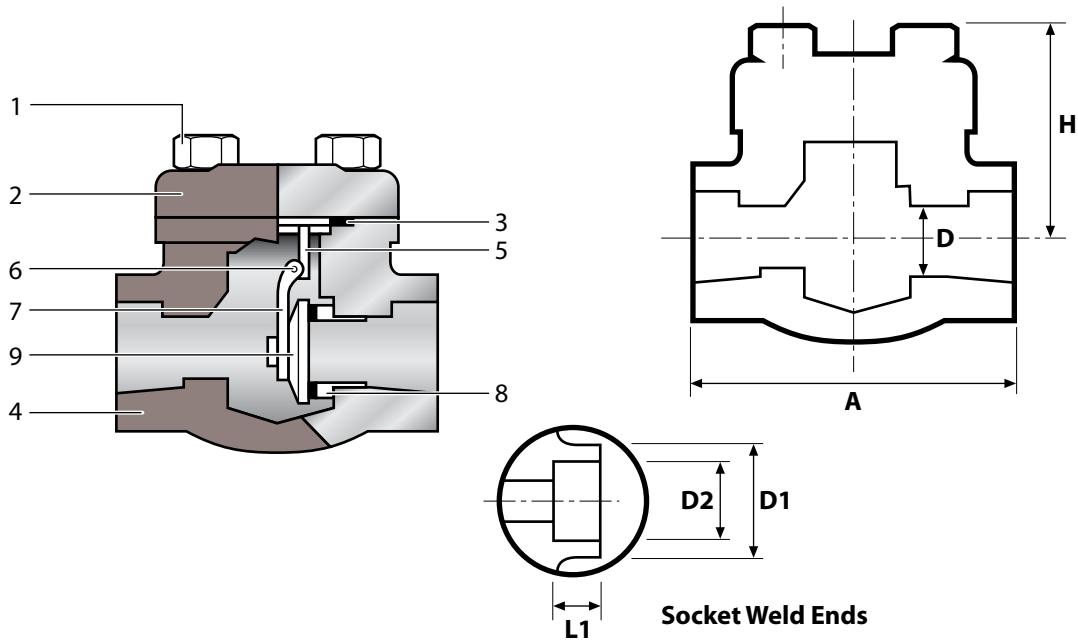
Design and Manufacturing Standards

Basic Design	API 602 & ANSI/ASME B16.34
Socket Weld End Dimension	ANSI/ASME B16.11
Thread End Dimension	ANSI/ASME B1.20.1
Inspection & Testing	API 598



Southern California Valve

3/8" - 2"



BILL OF MATERIAL

NO	NAME OF PART	MATERIAL
1	BOLT	ASTM A193 B7
2	COVER	ASTM A105 - Also available in F5, F11, F304, F316, F51, F53, F347, and F321
3	GASKET	GRAPHITE
4	BODY	ASTM A105 - Also available in F5, F11, F304, F316, F51, F53, F347, and F321
5	SUPPORTER	AISI 304
6	HINGE PIN	ASTM A276 410
7	HINGE	ASTM A217 CA15
8	SEAT RING	ASTM A276 410+HF
9	DISC	ASTM A743 CA40

DIMENSIONS OF SOCKET WELD ENDS

DIMENSIONS

VALVE SIZE	nps	.375	.5	.75	1	1.25	1.5	2	VALVE SIZE	nps	.375	.5	.75	1	1.25	1.5	2	D	D1	D2	L1	
																						dn
D	in	.39	.51	.71	.94	1.14	1.44	1.83	L1	in	.38	.38	.5	.5	.5	.5	.63	A	D	D1	D2	L1
	mm	10	13	18	24	29	36.5	46.5		mm	9.6	9.6	12.7	12.7	12.7	12.7	15.9					
D1	in	1.34	1.34	1.57	1.89	2.52	2.52	3.07	A	in	3.11	3.62	4.37	4.72	4.72	5.51	6.69	H2	D	D1	D2	L1
	mm	34	34	40	48	64	64	78		mm	79	92	111	120	120	140	170					
D2	in	.69	.86	1.07	1.33	1.68	1.92	2.41	H2	in	6.22	6.46	7.64	8.70	9.61	11.10	12.99	D	D1	D2	L1	
	mm	17.6	21.8	27.1	33.8	42.6	48.7	61.1		mm	158	164	194	221	244	282	330					