

Globe Valves

Forged Steel

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



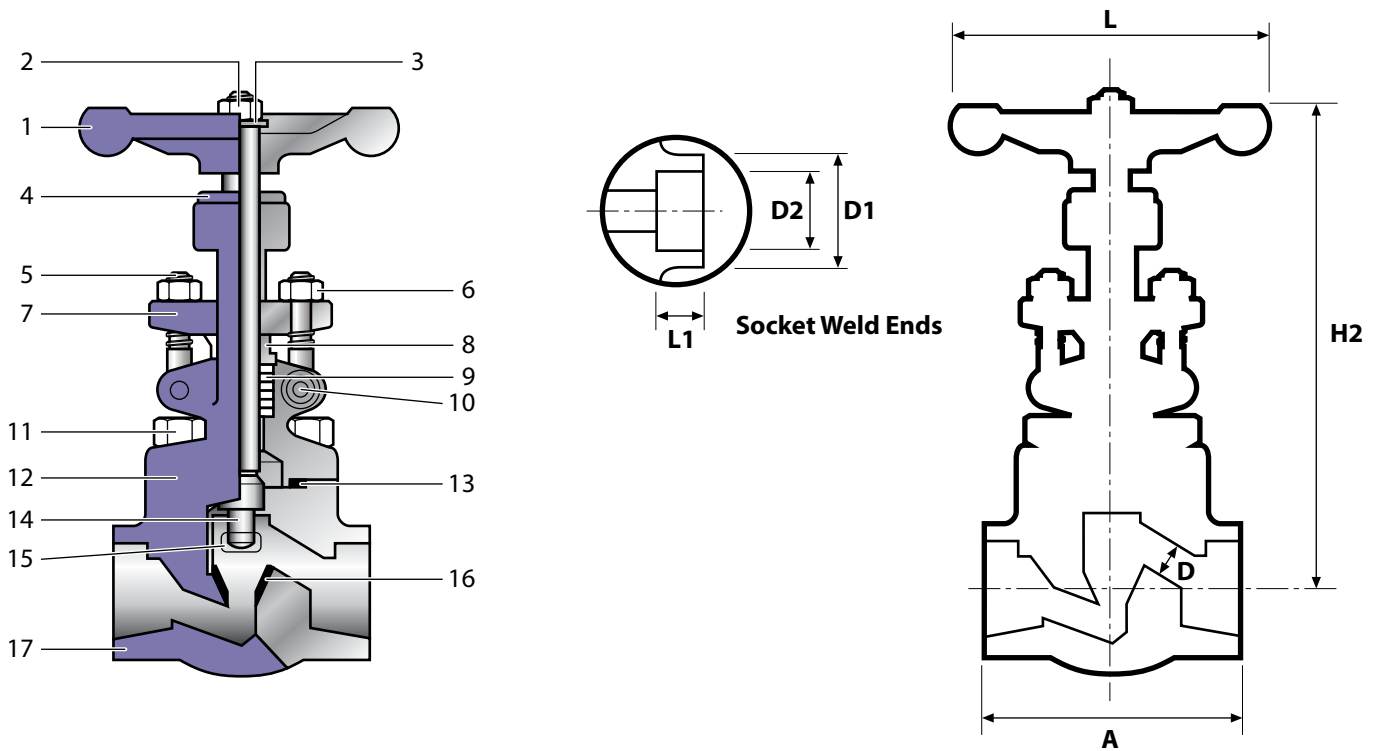
Design and Manufacturing Standards

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	LOCK NUT	CARBON STEEL AISI 1020
2	HANDWHEEL	MALLEABLE IRON
3	WASHER	CARBON STEEL AISI 1020
4	STEM NUT	ASTM A276 410
5	EYE BOLT	ASTM A276 410
6	EYE BOLT NUT	ASTM A194 2H
7	GLAND FLANGE	ASTM A216 WCB
8	PACKING GLAND	ASTM A276 410
9	EYE BOLT PIN	ASTM A276 410
10	PACKING	GRAPHITE
11	BOLT	ASTM A193 B7
12	BONNET	ASTM A105 - Also available in F5, F11, F304, F316, F51, F53, F347, and F321
13	GASKET	GRAPHITE
14	STEM	ASTM A276 410
15	DISC	ASTM A276 420
16	SEAT	INTEGRAL+HF
17	BODY	ASTM A105 - Also available in F5, F11, F304, F316, F51, F53, F347, and F321

DIMENSIONS OF SOCKET WELD ENDS

VALVE SIZE	dps	.375	.5	.75	1	1.25	1.5	2	VALVE SIZE	dps	.375	.5	.75	1	1.25	1.5	2
D	in	.39	.51	.69	.91	1.18	1.38	1.81	A	in	3.11	3.62	4.37	4.72	4.7	5.98	6.77
	mm	10	13	17.5	23	30	35	46		mm	79	92	111	120	120	152	172
D1	in	1.34	1.34	1.57	1.89	2.52	2.52	3.07	H2	in	6.57	6.57	8.03	8.98	9.92	11.61	12.87
	mm	34	34	40	48	64	64	78		mm	167	167	204	228	252	295	327
D2	in	.69	.86	1.07	1.33	1.68	1.92	2.41	L	in	3.94	3.94	4.92	6.30	6.30	7.09	7.87
	mm	17.6	21.8	27.1	33.8	42.6	48.7	61.1		mm	100	100	125	160	160	180	200
-	/	/	/	/	/	/	/	/	L1	in	.38	.38	.5	.5	.5	.5	.63
	/	/	/	/	/	/	/	/		mm	9.6	9.6	12.7	12.7	12.7	12.7	15.9