

Globe Valve, Forged Steel 800Lb



Applicable Standards:

- STEEL GLOBE 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

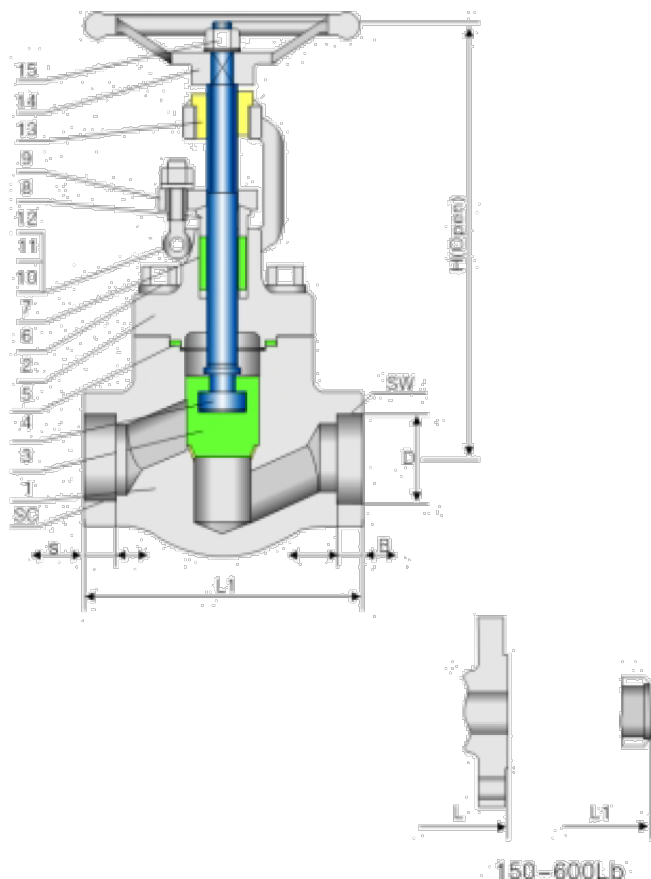
Design descriptions:

- OUTSIDE SCREW AND YOKE (OS&Y)
- BOLTED BONNET
- CHOICE OF WB, WELDED BONNET
- LOOSE DISC, CHOICE OF PLUG OR BALL
- SEAT RINGS INTEGRAL WITH BODY
- YOKE INTEGRAL WITH BONNET
- RISING STEM AND HANDWHEEL
- HORIZONTAL SERVICE
- SW, SOCKET-WELDING ENDS
- SC, SCREWED ENDS
- BW, BUTTWELDING ENDS

Materials of parts

NO	Part Name	C-Si	ASTM Materials 16Cr-12Ni-2Mo	ASTM Materials 1¼Cr-¼Mo-Si
1	Body	A105	A182-F316	A182-F11
2	Bonnet	A105	A182-F316	A182-F11
3	Disc	A182-F6a	A182-F316	A182-F6a+HF
4	Stem	A276-410	A276-316	A276-410
5	Gasket ²⁾	Graphite+304	Graphite+316	Graphite+316
6	Bonnet Stud	A193-B7	A193-B8M	A193-B16
7	Packing	Graphite		
8	Gland	A276-410	A276-316	A276-410
9	Gland	A105	A182-F316	A182-F11
10	Eyebolt Pin	A276-410	A276-316	A276-410
11	Eyebolt	A193-B7	A193-B8M	A193-B16
12	Eyebolt Nut	A194-2H	A194-8M	A194-2H
13	Yokesleeve	A276-410		
14	Handwheel	Malleable Iron		
15	Nut	Carbon Steel		

Note: 1) seat integral with body
2) spiral wound construction



Dimensional datas

NPS DN	Unit	L1 ¹⁾	L(Flanged Ends)			d	SW		SC	H(open)		WT ²⁾ (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	6.5	3.8/2.8
10	mm	79	102	152	165	9	17.6	9.6		13.6	164	
1/2	in	3.12	4.25	6	6.5	0.354	0.858	0.378	1/2	0.535	6.5	5.6/3.4
15	mm	79	108	152	165	9	21.8	9.6		13.6	164	
3/4	in	3.62	4.62	7	7.5	0.512	1.067	0.5	3/4	0.547	6.5	7.8/4.7
20	mm	92	117	178	190	13	27.1	12.7		13.9	164	
1	in	4.38	5	8	8.5	0.689	1.331	0.5	1	0.681	8	12.5/9.2
25	mm	111	127	203	216	17.5	33.8	12.7		17.3	203	
1¼	in	4.75	5.5	8.5	9	0.906	1.677	0.5	1¼	0.709	8.88	17/10.5
32	mm	120	140	216	229	23	42.6	12.7		18	224	
1½	in	6	6.5	9	9.5	1.142	1.917	0.5	1½	0.724	10.25	23.5/13.3
40	mm	152	165	229	241	29	48.7	12.7		18.4	260	
2	in	6.75	8	10.5	11.5	1.378	2.406	0.626	2	0.756	11.88	38.8/18.9
50	mm	172	203	267	292	35	61.1	15.9		19.2	300	

Note: 1) BW, SW or SC.

2) 600Lb-RF / 800Lb-(BW/SW/SC)