

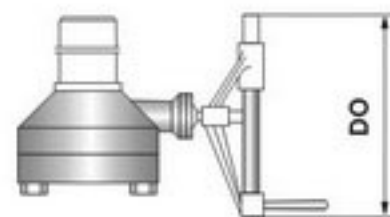
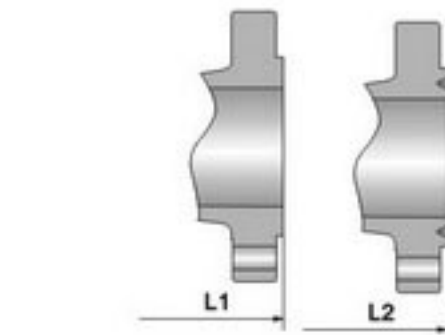
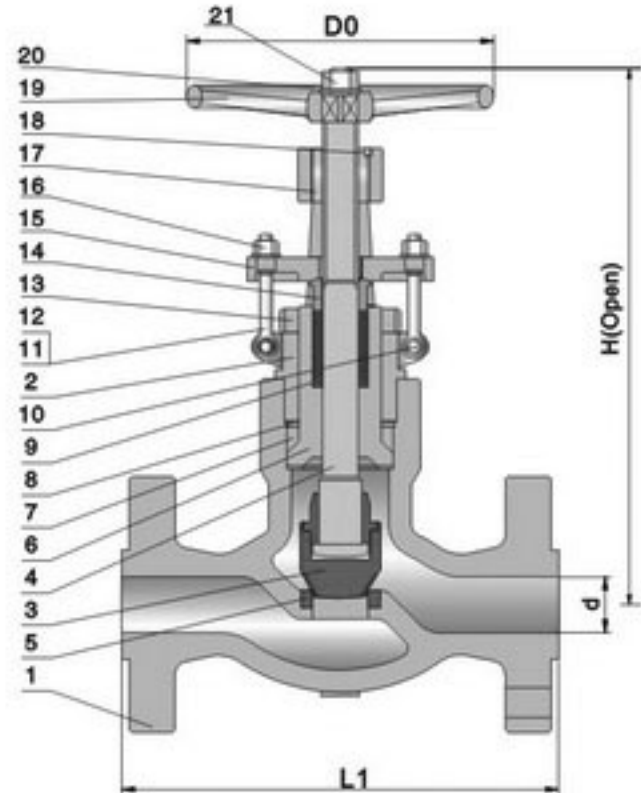
## PRESSURE SEAL CAST STEEL GLOBE VALVE 1500Lb/2500Lb

### Applicable standards:

STEEL GLOBE VALVES, BS BS1873/API600  
STEEL VALVES, ASME B16.34  
FACE TO FACE, ASME B16.10  
END FLANGES, ASME B16.5  
BUTTWELDING ENDS, ASME B16.25  
INSPECTION AND TEST, API 598

### Design description:

STRAIGHT PATTERN BODY DESIGN  
OS & Y, OUTSIDE SCREW AND YOKE  
PSB, PRESSURE SEAL BONNET  
YOKE INTEGRAL WITH BONNET  
RISING STEM AND HANDWHEEL  
LOOSE DISC, CHOICE OF PLUG OR BALL  
RENEWABLE SEAT RING  
IMPACT HANDWHEEL FOR 10" & ABOVE  
HORIZONTAL SERVICE  
FLANGED OR BUTTWELDING ENDS  
AVAILABLE WITH BG OPERATOR



### Materials of parts

NO	Part Name	ASTM Material		
		Carbon Steel	1 1/4Cr-1/2Mo	18Cr-9Ni-2Mo
1	Body	A216-WCB	A217-WC6	A351-CF8M
2	Yoke	A216-WCB	A217-WC6	A351-CF8M
3	Disc	A216-WCB+HF	A217-WC6+HF	A351-CF8M+HF
4	Stem	A182-F6a	CR-MO-V	A182-316
5	Seat Ring	A105+HF	A182-F11+HF	A240-316+HF
6	Bonnet	A105	A182-F11	A240-316
7	Bonnet Gasket <sup>1)</sup>		304+Graphite	
8	Adapter Ring	Carbon Steel	A276-420	A276-316
9	Packing		Graphite	
10	Eyebolt Pin	Carbon Steel	A276-420	A276-316
11	Eyebolt	Carbon Steel	A193-B7	A193-B8
12	Eyebolt Nut	Carbon Steel	A194-2H	A194-8
13	Locking Nut	Carbon Steel	Alloy Steel	Stainless Steel
14	Gland	A276-420	A276-304	A276-316
15	Gland Flange	A216-WCB	A217-WC6	A351-CF8M
16	Washer		Carbon Steel	
17	Stem Nut		Aluminum-Bronze <sup>2)</sup>	
18	Bolt		Carbon Steel	
19	Handwheel		Malleable Iron	
20	Handwheel Washer		Carbon Steel	
21	Handwheel Nut		A194-2H	

Note: 1). Graphite optional

2). Ductile Ni-Resist optional

3). Wedge and seat ring may either be solid facing material or a base material equal to or better than the body/bonnet material with facing as shown.

### Dimensions data

NPS	2	2 1/2	3	4	6	8	2	2 1/2	3	4	6	in	
DN	50	65	80	100	150	200	50	65	80	100	150	mm	
	<b>ANSI Class 1500Lb</b>						<b>ANSI Class 2500Lb</b>						
L1 (BW)	8.50	10.00	12.00	16.00	22.00	28.00	11.00	13.00	14.50	18.00	24.00	in	
	216	254	305	406	559	711	279	330	368	457	610	mm	
L (RF)	14.50	16.50	18.50	21.50	27.75	32.75	17.75	20.00	22.75	26.50	36.00	in	
	368	419	470	546	705	832	451	508	578	673	914	mm	
L2 (RTJ)	14.62	16.62	18.62	21.62	28.00	33.12	17.88	20.50	23.00	26.88	36.50	in	
	371	422	473	549	711	842	454	514	584	683	927	mm	
H (OPEN)	22	22	24.38	30	44.62	54.75	23.38	23.38	28	32.25	49.62	in	
	557	557	620	760	1135	1390	595	595	710	820	1260	mm	
D0	16	18	20	24	28	36	16	20	24	28	36	in	
	400	450	500	600	700	900	400	500	600	700	900	mm	
WT (kg)	57	65	90	190	450	730	65	78	125	155	480	BW	
	86	112	162	240	580	950	115	136	205	275	860	RF/RTJ	