

CAST STEEL GLOBE VALVE CLASS 600 FLANGED END

Materials of parts

NO	Part Name	ASTM Material		
		Carbon Steel	1 1/4Cr-1/2Mo	Carbon Steel
1	Body	A216-WCB	A217-WC6	A352-LCB
2	Bonnet	A216-WCB	A217-WC6	A352-LCB
3	Disc	A105+CR13	A182-F11+HF	A3510-LF2+CR13
4	Stem	A182-F6a	CR-MO-V	A182-F6a
5	Seat Ring	A105+HF	A182-F11+HF	A350-LF2+HF
6	Stem BackSeat	A276-420	A276-304	A276-420
7	Bonnet Gasket	Spiral Wound (Graphite+304)		
8	Bonnet Stud	A193-B7	A193-B16	A320-L7
9	Bonnet Stud Nut	A194-2H	A194-7	A194-4
10	Packing	Graphite		
11	Gland	A276-420	A276-304	A276-420
12	Gland Flange	A216-WCB	A217-WC6	A352-LCB
13	Eyebolt Pin	Carbon Steel	A276-420	Carbon Steel
14	Eyebolt	Carbon Steel	A193-B7	Carbon Steel
15	Eyebolt Nut	Carbon Steel	A194-2H	Carbon Steel
16	Yokesleeve	Aluminum-Bronze ¹⁾		
17	Handwheel	Malleable Iron		

Note:1).Ductile Ni-Resist optional

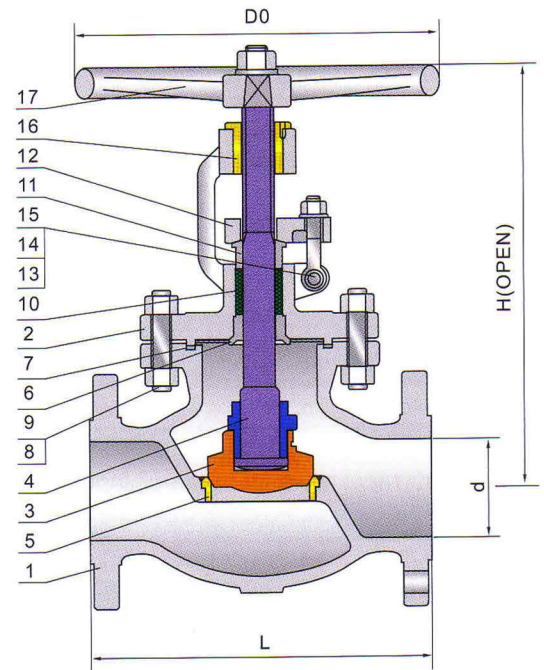
2).Disc and seat ring may either be solid facing material or a base material equal to or better than the body/bonnet material with facing as shown.

Applicable standards:

- STEEL GLOBE VALVES,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

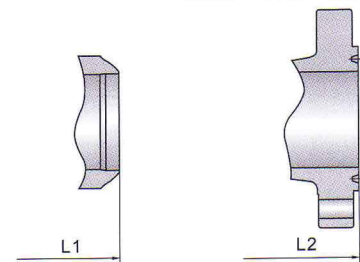
Design description:

- STRAIGHT PATTERN BODY DESIGN
- OS & Y,OUTSIDE SCREW AND YOKE
- BB,BOLTED 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 SERVECE
- FLANGED OR BUTTWELDING ENDS
- AVAILABLE WITH BG OPERATOR



Dimensions data

NPS	2	2 1/2	3	4	6	8	10	12
DN	50	65	80	100	150	200	250	300
ANSI Class 600								
L/L1 (RF/BW)	11.50 292	13.00 330	14.00 356	17.00 432	22.00 559	26.00 660	31.00 787	33.00 838
L2 (RTJ)	11.62 295	13.12 333	14.12 359	17.12 435	22.12 562	26.12 663	31.12 790	33.12 841
H (OPEN)	17.50 445	19.75 502	21.00 533	24.50 622	29.50 750	36.50 927	44.88 1140	53.12 1350
(d)	50	63	76	100	150	199	247	298
D0	10 240	11 280	13 320	16 400	18 450	20 500	24 600	24 600
WT (kg)	35 27	50 34	60 42	110 84	230 192	410 350	770 680	1140 1030



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