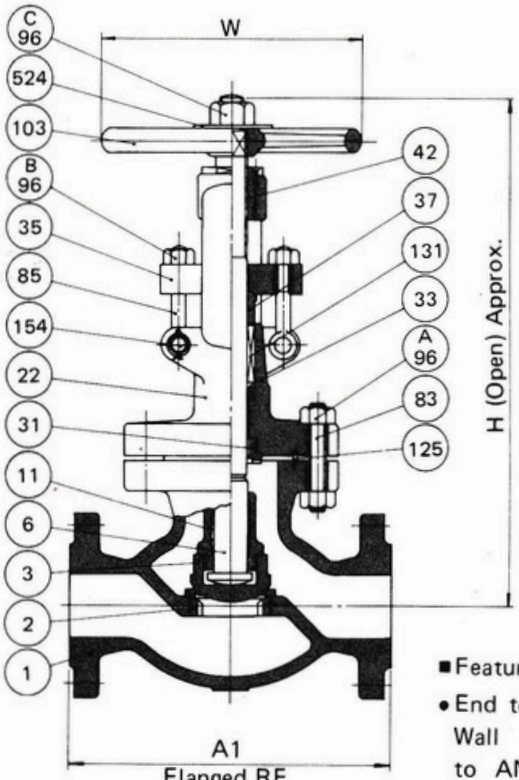
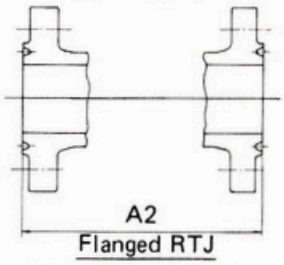
ANSI 600 CAST STEEL GLOBE VALVE

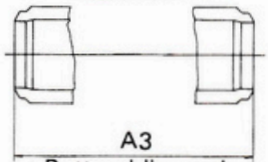
BOLTED BONNET O.S.&Y.



Flanged RF



Flanged RTJ



Butt welding end

GEAR TYPE

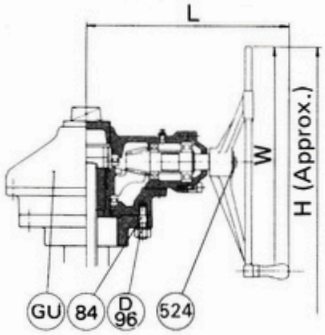


Figure No.

GL060RA	600 lb Globe RF
GL060JA	600 lb Globe RTJ
GL060WA	600 lb Globe Weld

■Features

- End to end dimensions and Wall thicknesses conform to ANSI and API specifications.
- 4 in. and smaller Valves have a one piece Bonnet and Yoke design.
- 5 in. and larger Valves have a two piece Bonnet and Yoke design.
- Gear operator can be furnished upon request.
- 6 in. and larger Valves have hammer blow Handwheel.
- Angle and stop check valves also available. Data supplied upon request.

Material Specifications Trim No. 8

NO.	PART NAME	MATERIAL
GU	Bevel Gear Unit	Cast Iron + etc.
524	Name Plate	18Cr-8Ni S. Steel
154	Eye Bolt Pin	13% Cr. S. Steel
131	Packing	*3
125	Gasket	*2
103	Handwheel	Nodular Iron
96D	Yoke Bolt Nut	ASTM A 194 Gr.2H
96C	Wheel Nut	Carbon Steel
96B	Eye Bolt Nut	ASTM A 194 Gr.2H
96A	Bonnet Bolt Nut	ASTM A 194 Gr.2H
85	Eye Bolt	ASTM A 193 Gr.B7
84	Yoke Bolt	ASTM A 193 Gr.B7
83	Bonnet Bolt	ASTM A 193 Gr.B7
42	Yoke Bush	Al-Bronze
37	Gland	ASTM A 182 Gr.F6a
35	Gland Flange	Carbon Steel
33	Packing Washer	ASTM A 182 Gr.F6a
31	Bonnet Bush	ASTM A 182 Gr.F6a
22	Bonnet Yoke	ASTM A 216 Gr.WCB
11	Disc Stem Ring	ASTM A 182 Gr.F6a
6	Stem	ASTM A 182 Gr.F6a
3	Disc	ASTM A 182 Gr.F6a*1
2	Body Seat Ring	ASTM A 105 + STL
1	Body	ASTM A 216 Gr. WCB

Note
*1 10 in. & larger ASTM A 216 Gr. WCB + 13% Cr. deposit
*2 Soft iron ring joint gasket
*3 Inconel wire reinforced asbestos braided packing

Dimensions (in./mm)

Nom. Size			2	2-1/2	3	4	5	6	8	10	12	14	16
		in.	2	2-1/2	3	4	5	6	8	10	12	14	16
		mm	50	65	80	100	125	150	200	250	300	350	400
A1		in.	11-1/2	13	14	17	20	22	26	31	33	35	39
		mm	292	330	356	432	508	559	660	787	838	889	991
A2		in.	11-5/8	13-1/8	14-1/8	17-1/8	20-1/8	22-1/8	26-1/8	31-1/8	33-1/8	35-1/8	39-1/8
		mm	295	333	359	435	511	562	664	791	841	892	994
A3		in.	11-1/2	13	14	17	20	22	26	31	33	35	39
		mm	292	330	356	432	508	559	660	787	838	889	991
H		in.	18	20-5/8	23-3/4	27	31-3/4	36-1/4	55-1/8	62	67	70-7/8	76
		mm	457	523	603	686	807	920	1400	1575	1700	1800	1930
W		in.	9-7/8	11-13/16	11-13/16	17-11/16	19-11/16	23-5/8	18-1/8	24	24	24	30
		mm	250	300	300	450	500	600	460	610	610	610	760
L		in.	–	–	–	–	–	–	20-3/16	17	20-3/16	20-3/16	22-5/16
		mm	–	–	–	–	–	–	512	432	512	512	567
Weight (Approx.)	RF	lb	110	154	205	348	485	816	1544	2756	4190	5954	7938
		Kg	50	70	93	158	220	370	700	1250	1900	2700	3600
	BW	lb	88	132	165	265	397	650	1367	2403	3793	5535	7387
		Kg	40	60	75	120	180	295	620	1090	1720	2510	3350