



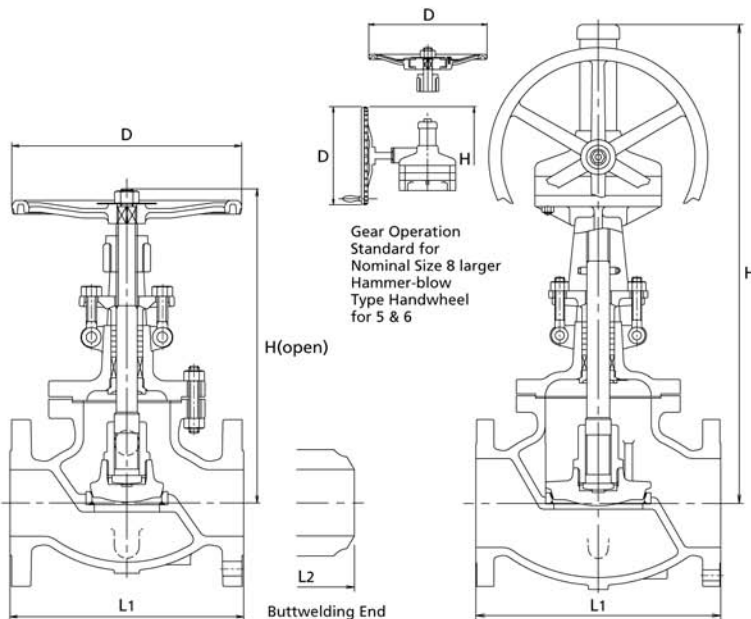
KITZ Corporation Of America
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Cast Carbon Steel Globe Valve
Design - B16.34, Wall Thickness - API 600, OS&Y, BB,
Conventional Plug Type Disc, RFF per B16.5, BW per B16.25,
LEV - 100 PPM max., Body Material ASTM A216, A217, A352

Class **300**

Cast Carbon Steel Globe Valve

Bolted bonnet, Outside screw-and-yoke, Rising stem handwheel, Swivel disc.



300SCJS

G-300SCJS

Fig	End Connections
300SCJS	RF-flanged ends.
W300SCJS	Butt-welding ends.

Standard materials of parts

Parts	Materials
Body	ASTM A216 Gr.WCB
Bonnet	ASTM A216 Gr.WCB
Stem	ASTM A276 Tp.403
Disc	13Cr/Carbon Steel+13Cr
Lock nut	ASTM A182 Gr.F6a
Body seat ring	Carbon Steel+HF*
Gland	ASTM A182 Gr.F6a
Gland packing	Flexible Graphite
Gland flange	ASTM A105/A216 Gr. WCB
Handwheel	Ductile iron
Gasket	See Page 6
Bonnet bolt/nut	ASTM A193 Gr.87/A194 Gr.2H
Gland bolt/nut	ASTM A576 Gr.1045/A194 Gr.2H
Bonnet bushing	ASTM A182 Gr.F6a
Yoke sleeve	ASTM A439 Tp.D2

*Hard facing with Co-Cr-W Alloy.

Note: Refer to Page 3&6 for standard seat material and construction.

Dimensions

Nominal Size		1/2	2	2 1/2	3	4	5	6	8	10	12	14	16
		40	50	65	80	100	125	150	200	250	300	350	400
L1	in	9.00	10.50	11.50	12.50	14.00	15.75	17.50	22.00	24.50	28.00	33.00	34.00
	mm	229	267	292	318	356	400	444	559	622	711	838	864
L2	in	—	10.50	11.50	12.50	14.00	15.75	17.50	22.00	24.50	28.00	33.00	34.00
	mm	—	267	292	318	356	400	444	559	622	711	838	864
H	in	14.3	14.3	17.0	17.2	20.1	24.0	27.0	41.8	45.0	46.8	57.1	55.5
	mm	362	362	433	436	510	610	685	1062	1143	1188	1450	1410
D	in	7.9	7.9	9.8	9.8	13.8	15.7	17.7	19.7	23.6	23.6	23.6	23.6
	mm	200	200	250	250	350	400	450	500	600	600	600	600