



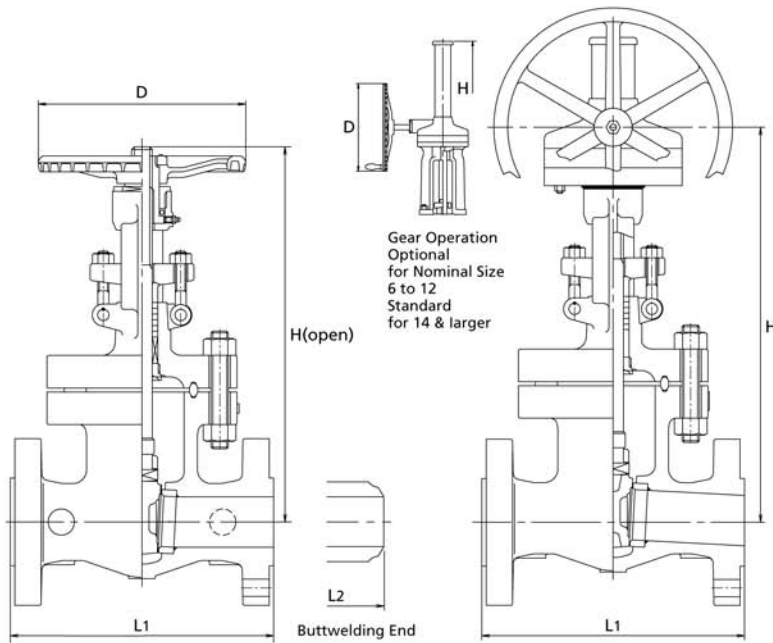
KITZ Corporation Of America
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Cast Carbon Steel Gate Valve
Design - API 600, OS&Y, BB, Flex Wedge, RFF per B16.5, BW per B16.25,
LEV - 100 PPM max., Body Materials - ASTM A216, A217, A352

Class 1500

Cast Carbon Steel Gate Valve

Bolted bonnet, Outside screw-and-yoke, Rising stem, Non-rising handwheel,
Solid wedge (Nominal Size 2 to 4) or Flexible wedge (Nominal Size 6 & larger).



1500SCLS

G-1500SCLS

Fig	End Connections
1500SCLS	RF-flanged ends.
W1500SCLS	Butt-welding ends.

Standard materials of parts

Parts	Materials
Body	ASTM A216 Gr.WCB
Bonnet	ASTM A216 Gr.WCB
Stem	ASTM A182 Gr.F6a
Disc	13Cr/Carbon Steel+13Cr
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.B7/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
Grease nipple	Carbon steel

*Hard facing with Co-Cr-W Alloy.
Note: Refer to Page 3&6 for standard seat material and construction.

Dimensions

Nominal Size	Nominal Size										
	2	2½	3	4	6	8	10	12	14	16	
	50	50	80	100	150	200	250	300	350	400	
L1	in	14.50	16.50	18.50	21.50	27.75	32.75	39.00	44.50	49.50	54.50
	mm	368	419	470	546	705	832	991	1130	1257	1384
L2	in	14.50	16.50	18.50	21.50	27.75	32.75	39.00	44.50	49.50	54.50
	mm	368	419	470	546	705	832	991	1130	1257	1384
H	in	20.5	24.9	27.0	30.4	41.3	49.2	58.1	65.3	69.0	51.1
	mm	521	633	686	772	1050	1250	1477	1658	1750	2060
D	in	9.8	11.8	13.8	15.7	23.6	26.8	35.8	35.8	23.6	24.0
	mm	250	300	350	400	600	680	910	910	600	610