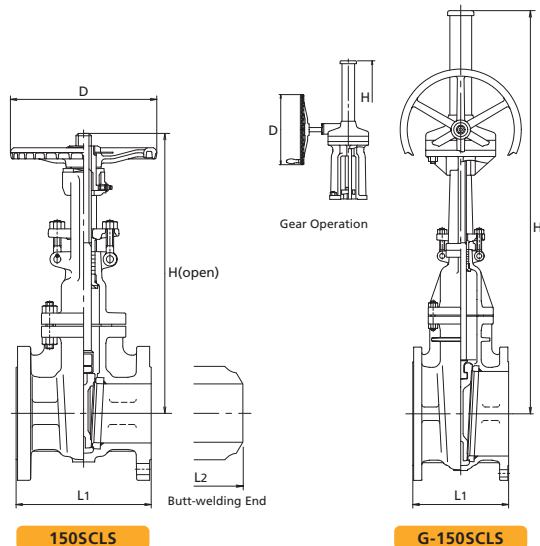


Cast Carbon Steel Gate Valve

Bolted bonnet, Outside screw-and-yoke, Rising stem, Non-rising handwheel, Flexible wedge.



150SCLS

G-150SCLS

Fig	End Connections
(G-)150SCLS	RF-flanged ends.
(G-)W150SCLS	Butt-welding ends.

Standard materials of parts

Parts	Materials
Body	ASTM A216 Gr.WCB
Bonnet	ASTM A216 Gr.WCB
Stem	403SS
Disc	A217 Gr.CA15 or A216 Gr.WCB+13Cr
Body seat ring	Carbon Steel+HF*
Gland	403SS
Gland packing	Flexible Graphite
Gland flange	Cast Steel
Handwheel	Ductile iron
Gasket	See Page 5
Bonnet bolt/nut	ASTM A193 Gr.B7/A194 Gr.2H
Gland bolt/nut	Carbon Steel
Bonnet bushing	403SS
Yoke sleeve	Ductile Ni-Resist
Grease nipple	Carbon steel

*Hard facing with Co-Cr-W Alloy.

Note: Refer to Page 2&4 for standard seat material and construction.

Dimensions

Nominal Size	1½	2	2½	3	4	5	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	
	40	50	65	80	100	125	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	
L ₁	in	6.50	7.00	7.50	8.00	9.00	10.0	10.5	11.5	13.0	14.0	15.0	16.0	17.0	18.0	19.0	20.0	22.0	24.0	24.0	26.0	28.0	28.0
	mm	165	178	190	203	229	254	267	292	330	356	381	406	432	457	483	508	559	610	610	660	711	711
L ₂	in	—	8.50	9.50	11.1	12.0	15.0	15.9	16.5	18.0	19.8	22.5	24.0	26.0	28.0	30.0	32.0	34.0	36.0	38.0	40.0	40.0	40.0
	mm	—	216	241	283	305	381	403	419	457	502	572	610	660	711	762	813	864	914	914	965	1016	1016
H*	in	15.2	15.2	17.0	20.0	23.3	25.9	29.8	37.8	45.8	53.6	61.9	66.6	74.3	83.6	91.6	98.4	111.6	119.0	124.2	128.6	138.1	149.0
	mm	385	385	432	509	592	658	758	959	1162	1362	1572	1692	1888	2123	2326	2498	2835	3022	3154	3267	3507	3785
D	in	7.87	7.87	7.87	9.84	9.84	11.8	11.8	13.8	15.8	17.7	23.6	23.6	26.8	26.8	26.8	29.9	19.7	23.6	23.6	23.6	23.6	23.6
	mm	200	200	200	250	250	300	300	350	400	450	600	600	680	680	680	760	500	600	600	600	600	600

*Size 26 and larger : Gear operation type.
Refer to "Standard Product Range" on page 01.