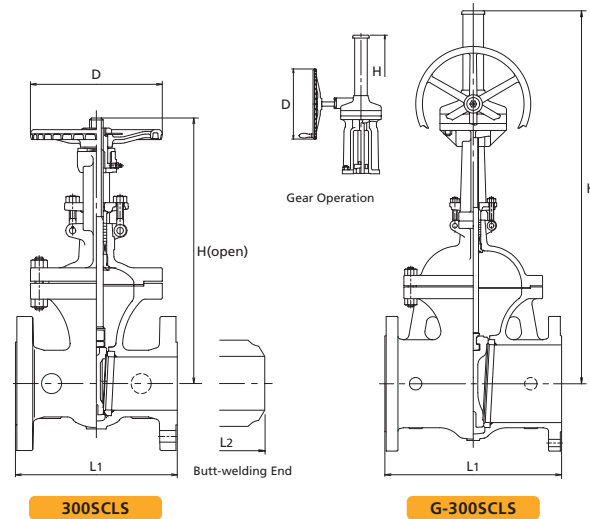


Bolted bonnet, Outside screw-and-yoke, Rising stem, Non-rising handwheel, Flexible wedge.



300SCLS

G-300SCLS

Fig	End Connections
(G-)300SCLS	RF-flanged ends.
(G-)W300SCLS	Butt-welding ends.

Standard materials of parts

Parts	Materials
Body	ASTM A216 Gr.WCB
Bonnet	ASTM A216 Gr.WCB
Stem	4035S
Disc	4035S or A217 Gr. CA15 (Size 1-1/2-4) A216 Gr.WCB+13Cr (Size 5-24)
Body seat ring	Carbon Steel+HF*
Gland	4035S
Gland packing	Flexible Graphite
Gland flange	Carbon Steel/Cast Steel
Handwheel	Ductile iron
Gasket	See Page 5
Bonnet bolt/nut	ASTM A193 Gr.B7/A194 Gr.2H/Alloy Steel
Gland bolt/nut	Carbon Steel
Bonnet bushing	4035S
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		1 1/2	2	2 1/2	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
L1	in	7.48	8.50	9.49	11.1	12.0	15.0	15.9	16.5	18.0	19.8	30.0	33.0	36.0	39.0	43.0	45.0	49.0	53.0	55.0	60.0	64.0	68.0
	mm	190	216	241	283	305	381	403	419	457	502	762	838	914	991	1092	1143	1245	1346	1397	1524	1626	1727
L2	in	—	8.50	9.50	11.1	12.0	15.0	15.9	16.5	18.0	19.8	30.0	33.0	36.0	39.0	43.0	45.0	49.0	53.0	55.0	60.0	64.0	68.0
	mm	—	216	241	283	305	381	403	419	457	502	762	838	914	991	1092	1143	1245	1346	1397	1524	1626	1727
H*	in	16.3	16.3	18.0	20.9	24.3	27.3	31.2	39.9	47.9	57.4	61.5	69.5	76.1	84.1	93.1	100.1	112.0	123.8	131.3	143.7	150.0	153.5
	mm	413	413	456	530	618	694	793	1014	1216	1458	1563	1766	1932	2137	2364	2542	2845	3145	3335	3650	3810	3900
D	in	7.87	7.87	7.87	9.84	9.84	11.8	13.8	15.8	17.7	23.6	23.6	26.8	26.8	29.9	29.9	35.8	23.6	23.6	23.6	23.6	23.6	23.6
	mm	200	200	200	250	250	300	350	400	450	600	600	680	680	760	760	910	600	600	600	600	600	600

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

