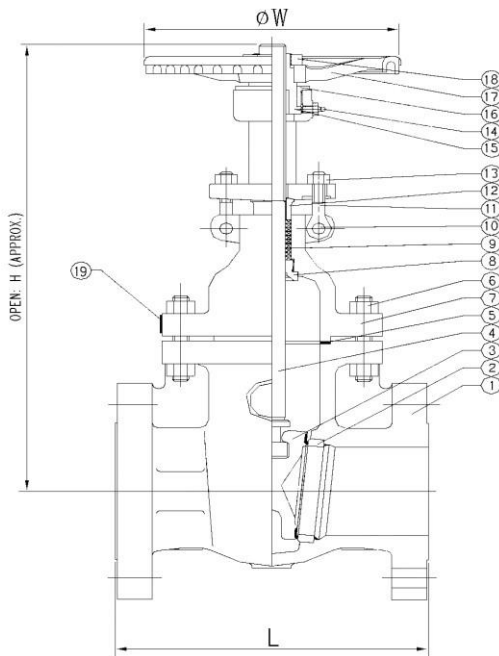
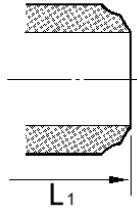


ANSI CLASS 300 CAST STEEL GATE VALVE

FIG. 272-CS-300 Class 300, Flanged ends, bolted bonnet, WCB body & bonnet, 13Cr/HF trim.



Flange dimensions: ANSI B16.5
 Butt weld end dimensions: ANSI B16.25
 Face-to-Face dimensions: ANSI B16.10
 Testing: API 598
 Design: API 600
 Threaded or Welded Seat Ring
 Flexible Wedge

Materials:

No.	Part Name	Specification
1	Body	A216 WCB
2	Seat ring	A105 HF
3	Wedge/disc	WCB, 13Cr Overlay
4	Stem	A276 – 410, 420
5	Gasket	Metal jacketed Grafoil
6	Stud/nut	B7/2H
7	Bonnet	A216 WCB
8	Back seat	A276 – 410, 420
9	Packing	Grafoil
10	Pin	Carbon steel
11	Eye bolt/nut	B7/2H
12	Gland	A276 – 410, 420
13	Gland flange	Carbon steel
14	Grease fitting	Brass/steel
15	Stem nut	ASTM B-148
16	Retaining nut	Carbon steel
17	Handwheel	Ductile iron
18	Handwheel nut	Carbon steel
19	Nameplate	321SS

Note: Other body materials and trims are available upon request.

Dimensions:

Size		L (RF)		L1 (BW)		H (open)		W		Weight (RF)		Weight (BW)	
in	mm	in	mm	in	mm	in	mm	in	mm	lb	kg	lb	kg
2	50	8½	216	8½	216	15.75	400	8	220	75	34	57	26
2½	65	9½	241	9½	241	18.75	477	9	240	85	39	75	34
3	80	11.13	283	11.13	283	21.38	543	10	250	125	57	104	47
4	100	12	305	12	305	25.63	650	11	280	176	80	150	68
5	125	15	381	15	381	30.25	770	12	300	240	109	170	77
6	150	15.88	403	15.88	403	34.5	880	13	320	327	149	260	118
8	200	16½	419	16½	419	40.75	1037	14	350	521	237	430	195
10	250	18	457	18	457	50.25	1275	16	400	750	341	597	271
12	300	19¾	502	19¾	502	56.63	1438	18	450	1100	500	952	432
14	350	30	762	30	762	65	1650	19	500	1640	745	1312	596
16	400	33	838	33	838	72.5	1840	23	600	3442	1110	1870	850
18	450	36	914	36	914	79.88	2030	25	650	2990	1359	2260	1027
20	500	39	991	39	991	88.25	2240	27	700	3785	1720	3219	1463
24	600	45	1143	45	1143	114.25	2900	33	850	6160	2800	5737	2607