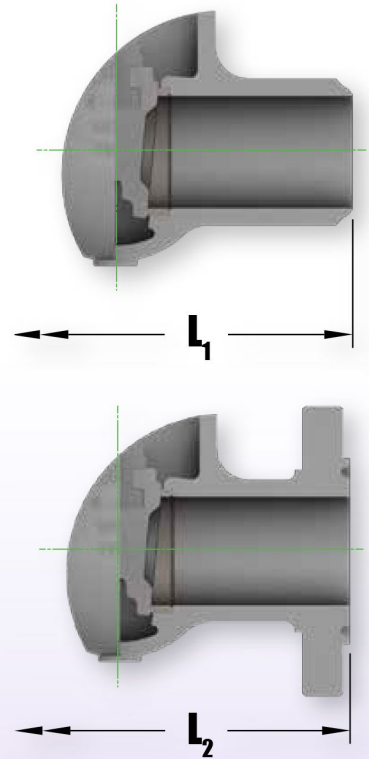
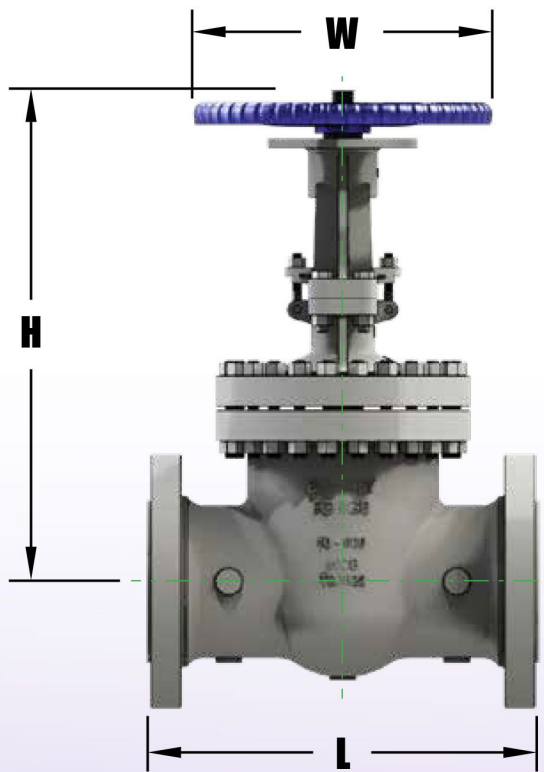


GATE VALVE

CLASS 600



Valve Size	Dimensions (inches)								Weight (lbs.)			
	L	L ₁	L ₂	W	W ₁	H _{open}	H ₁	A	(RF)	(BW)	(RF+GO)	(BW+GO)
NPS 2	11 1/2	11 1/2	11 5/8	9 7/8	-	18 5/16	-	-	90.5	75	-	-
NPS 3	14	14	14 1/8	9 7/8	-	22	-	-	159	128	-	-
NPS 4	17	17	17 1/4	13 3/4	-	27	-	-	282	218	-	-
NPS 6	22	22	22 1/2	17 11/16	12	36 3/16	45 1/2	9 7/16	586	461	635	509
NPS 8	26	26	26 1/2	19 11/16	18 1/8	44 11/16	56 11/16	10 1/4	924	741	990	807
NPS 10	31	31	31 1/2	23 5/8	24	48 15/16	62 7/16	12 1/2	1,662	1,358	1,773	1,468
NPS 12	33	33	33 1/2	25 3/16	24	56 11/16	72 3/16	12 1/2	2,163	1,808	2,273	1,918
NPS 14	35	35	35 1/2	26 3/4	24	63 11/16	80 5/8	12 1/2	2,805	2,383	3,042	2,621
NPS 16	39	39	39 1/2	IFV	24	71 1/2	90 15/16	16 1/8	IFV	IFV	3,686	3,051
NPS 18	43	43	43 1/2	IFV	IFV	78 1/2	IFV	IFV	IFV	IFV	IFV	IFV
NPS 20	47	47	47 1/4	IFV	31 1/2	88 7/16	112	28 3/16	IFV	IFV	8,702	IFV
NPS 24	55	55	55 3/8	IFV	31 1/2	105 13/16	132 5/8	26 3/16	IFV	IFV	9,437	IFV

Valve Size	C _v	Torque			
		Body / Bonnet		Gland Nut	
		(ft.-lbs.)	(N-m)	(ft.-lbs.)	(N-m)
NPS 2	309	115	156	20	27
NPS 3	705	115	156	30	41
NPS 4	1307	200	271	44	60
NPS 6	3090	490	664	80	109
NPS 8	5706	490	664	90	122
NPS 10	8620	490	664	110	149
NPS 12	12800	725	983	143	194
NPS 14	15366	1,350	1,830	183	248
NPS 16	20209	1,800	2,440	193	262
NPS 18	IFV	IFV	IFV	199	270
NPS 20	IFV	2,781	3,770	266	361
NPS 24	IFV	2,781	3,770	347	471

- ▶ Torque values shown are for WCB valve material only.
- ▶ For WCB NACE or LCC material, multiply torque value by 0.75
- ▶ For CF8M material, multiply torque value by 0.30
- ▶ For all other body/bonnet material, please contact Bonney Forge
- ▶ For values labeled as "IFV" please contact Bonney Forge

