

# VALVE DIMENSIONS: ANSI

SIZE	CAST IRON		CAST STEEL								SIZE
	125 LB FLGD	250 LB FLGD	150 LB FLGD	150 LB B/W	300 LB	400 LB	600 LB	900 LB	1500 LB	2500 LB	
<b>ANSI GATE VALVE FACE-TO-FACE DIMENSION</b>											
1			5	5		8-1/2	8-1/2	10	10	12-1/8	1
1-1/4			5-1/2	5-1/2		9	9	11	11	13-3/4	1-1/4
1-1/2			6-1/2	6-1/2	7-1/2	9-1/2	9-1/2	12	12	15-1/8	1-1/2
2	7	8 1/2	7	8-1/2	8-1/2	11-1/2	11-1/2	14-1/2	14-1/2	17-3/4	2
2-1/2	7-1/2	9-1/2	7-1/2	9-1/2	9-1/2	13	13	16-1/2	16-1/2	20	2-1/2
3	8	11-1/8	8	11-1/8	11-1/8	14	14	15	18-1/2	22-3/4	3
3-1/2	8-1/2	11-7/8	8-1/2		11-7/8	15	15	17	19-1/2		3-1/2
4	9	12	9	12	12	16	17	18	21-1/2	26-1/2	4
5	10	15	10	15	15	18	20	22	26-1/2	31-1/4	5
6	10-1/2	15-7/8	10-1/2	15-7/8	15-7/8	19-1/2	22	24	27-3/4	36	6
8	11-1/2	16-1/2	11-1/2	16-1/2	16-1/2	23-1/2	26	29	32-3/4	40-1/4	8
10	13	18	13	18	18	26-1/2	31	33	39	50	10
12	14	19-3/4	14	19-3/4	19-3/4	30	33	38	44-1/2	56	12
14	15	22-1/2	15	22-1/2	30	32-1/2	35	40-1/2	49-1/2		14
16	16	24	16	24	33	35-1/2	39	44-1/2	54-1/2		16
18	17	26	17	26	36	38-1/2	43	48	60-1/2		18
20	18	28	18	28	39	41-1/2	47	52	65-1/2		20
24	20	31	20	32	45	48-1/2	55	61	76-1/2		24
<b>GLOBE, SWING CHECK*, ANGLE** VALVES FACE-TO-FACE DIMENSIONS</b>											
1			5**	5**	8*	8-1/2	8-1/2	10	10	12-1/8	1
1-1/4			5-1/2**	5-1/2**	8-1/2*	9	9	11	11	13-3/4	1-1/4
1-1/2			6-1/2	6-1/2	9*	9-1/2	9-1/2	12	12	15-1/8	1-1/2
2	8	10-1/2	8	8	10-1/2	11-1/2	11-1/2	14-1/2	14-1/2	17-3/4	2
2-1/2	8-1/2	11-1/2	8-1/2	8-1/2	11-1/2	13	13	16-1/2	16-1/2	20	2-1/2
3	9-1/2	12-1/2	9-1/2	9-1/2	12-1/2	14	14	15	18-1/2	22-3/4	3
3-1/2	10-1/2	13-1/4	10-1/2	10-1/2	13-1/4	15	15	17	19-1/2		3-1/2
4	11-1/2	14	11-1/2	11-1/2	14	16	17	18	21-1/2	26-1/2	4
5	13	15-3/4	14*	14*	15-3/4	18	20	22	26-1/2	31-1/4	5
6	14	17-1/2	16*	16*	17-1/2	19-1/2	22	24	27-3/4	36	6
8	19-1/2	21	19-1/2	19-1/2	22*	23-1/2	26	29	32-3/4	40-1/4	8
10	24-1/2	24-1/2	24-1/2	24-1/2	24-1/2	26-1/2	31	33	39	50	10
12	27-1/2	28	27-1/2	27-1/2	28	30	33	38	44-1/2	56	12

\* Swing check F-F equals globe valve except 5" & 6" 150 LB @ 13" & 14" and 1", 1 1/4", 1 1/2", 8" 300 LB @ 8 1/2", 9", 9 1/2", 21" respectively.

\*\* Angle valve centerline-to-face is 1/2 of globe F-F except 1" & 1 1/4" 150 LB which are 2 3/4" & 3" C-F length