

**DIMENSIONS & BOLTING**  
**ANSI - 300<sup>#</sup>. STEEL ORIFICE FL' G' S**

LINE SIZE	* FLANGE DIAM.	RAISED FACE DIAM. (1)	* BOLT CIRCLE DIAM. (2)	LENGTH W.N. FLANGE (3)	WELD TO WELD MAKE UP W.N. FLANGE (4)	FLANGE THICK. (3)	* NO. OF HOLES	BOLT SIZE (4)	STUDS SIZE
1"	124	71	89	83	171	38	4	5/8"X4"	5/8"X4 <sup>3</sup> / <sub>4</sub> "
1 <sup>1</sup> / <sub>4</sub> "	133	81	98	84	175	38	4	5/8"X4"	5/8"X4 <sup>3</sup> / <sub>4</sub> "
1 <sup>1</sup> / <sub>2</sub> "	156	94	114	86	178	38	8	3/4"X4 <sup>1</sup> / <sub>4</sub> "	3/4"X5"
2"	165	110	127	86	178	38	8	5/8"X4"	5/8"X4 <sup>3</sup> / <sub>4</sub> "
2 <sup>1</sup> / <sub>2</sub> "	191	129	149	89	184	38	8	3/4"X4 <sup>1</sup> / <sub>4</sub> "	3/4"X5"
3"	210	148	168	89	184	38	8	3/4"X4 <sup>1</sup> / <sub>4</sub> "	3/4"X5"
4"	254	179	200	92	191	38	8	3/4"X4 <sup>1</sup> / <sub>4</sub> "	3/4"X5"
5"	279	213	235	102	210	38	8	3/4"X4 <sup>1</sup> / <sub>4</sub> "	3/4"X5"
6"	318	248	270	100	206	38	12	3/4"X4 <sup>1</sup> / <sub>4</sub> "	3/4"X5"
8"	381	305	330	111	229	41	12	7/8"X4 <sup>1</sup> / <sub>2</sub> "	7/8"X5 <sup>1</sup> / <sub>2</sub> "
10"	445	359	387	118	241	48	16	1"X5 <sup>1</sup> / <sub>4</sub> "	1"X6 <sup>1</sup> / <sub>4</sub> "
12"	521	419	451	130	267	51	16	1 <sup>1</sup> / <sub>8</sub> "X5 <sup>1</sup> / <sub>2</sub> "	1 <sup>1</sup> / <sub>8</sub> "X6 <sup>3</sup> / <sub>4</sub> "
14"	584	483	514	143	292	54	20	1 <sup>1</sup> / <sub>8</sub> "X5 <sup>3</sup> / <sub>4</sub> "	1 <sup>1</sup> / <sub>8</sub> "X7"
16"	648	537	572	146	298	57	20	1 <sup>1</sup> / <sub>4</sub> "X6 <sup>1</sup> / <sub>4</sub> "	1 <sup>1</sup> / <sub>4</sub> "X7 <sup>1</sup> / <sub>2</sub> "
18"	711	594	629	159	324	60	24	1 <sup>1</sup> / <sub>4</sub> "X6 <sup>1</sup> / <sub>2</sub> "	1 <sup>1</sup> / <sub>4</sub> "X7 <sup>3</sup> / <sub>4</sub> "
20"	775	651	686	162	330	64	24	1 <sup>1</sup> / <sub>4</sub> "X6 <sup>3</sup> / <sub>4</sub> "	1 <sup>1</sup> / <sub>4</sub> "X8"
24"	914	772	813	168	343	70	24	1 <sup>1</sup> / <sub>2</sub> "X7 <sup>1</sup> / <sub>2</sub> "	1 <sup>1</sup> / <sub>2</sub> "X9"

**NOTES :**

- (1) RAISED FACE 1.5 HIGH
- (2) THIS DIAMETER IS EQUAL TO GASKET O.D
- (3) INCLUDES 1.5 RAISED FACE
- (4) THIS DIMENSION IS BASED ON THE USE OF A 3" THK. ORIFICE PLATE AND 2-<sup>1</sup>/<sub>16</sub>" THK. GASKETS
- (5) ITEMS MARKED \* ARE SAME AS ANSI - 300<sup>#</sup>

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BOLTING ANSI 300  
STEEL ORIFICE FLANGES**

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