



ORIFICE - WELD NECK (OW)

Nom. Pipe Size	O (Outside Diameter)	R (Raised Face)	X (Hub Dia.)	H (Bevel Hub Dia.)	C	TT (Dia. of pressure connection)	Y (Overall Length)	B2 (Inside Dia.)	# of Holes - Diameter	Dia. of Bolts	Bolt Circle Dia.
1"	4.88	2.00	2.12	1.32	1.50	0.25	3.25	This dimension is determined by the pipe schedule and its corresponding inside diameter.	4-0.69	.625	3.50
1-1/2"	6.12	2.88	2.75	1.90	1.50	0.25	3.38		4-0.81	.750	4.50
2"	6.50	3.62	3.31	2.38	1.50	0.25	3.38		8-0.69	.625	5.00
2-1/2"	7.50	4.12	3.94	2.88	1.50	0.25	3.50		8-0.81	.750	5.88
3"	8.25	5.00	4.62	3.50	1.50	0.375	3.50		8-0.81	.750	6.62
4"	10.00	6.19	5.75	4.50	1.50	0.50	3.62		8-0.81	.750	7.88
6"	12.50	8.50	8.12	6.63	1.50	0.50	3.94		12-0.88	.750	10.62
8"	15.00	10.62	10.25	8.63	1.62	0.50	4.38		12-1.00	.875	13.00
10"	17.50	12.75	12.62	10.75	1.88	0.50	4.62		16-1.12	1.000	15.25
12"	20.50	15.00	14.75	12.75	2.00	0.50	5.12		16-1.25	1.125	17.75
14"	23.00	16.25	16.75	14.00	2.12	0.50	5.62		20-1.25	1.125	20.25
16"	25.50	18.50	19.00	16.00	2.25	0.50	5.75		20-1.38	1.250	22.50
18"	28.00	21.00	21.00	18.00	2.38	0.50	6.25	24-1.38	1.250	24.75	
20"	30.50	23.00	23.12	20.00	2.50	0.50	6.38	24-1.38	1.250	27.00	
24"	36.00	27.25	27.62	24.00	2.75	0.50	6.62	24-1.62	1.500	32.00	

1. The C and Y dimensions include the 1/16" raised face.
2. Tolerances are standard as per ANSI B 16.36
3. All shown dimensions are in inches.

4. It is most standard to have an NPT of 1/2" in the side of the flange, however, other sizes may be available upon request.
5. Other nominal pipe sizes may be available per request.