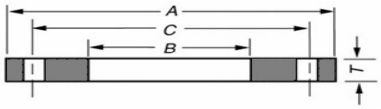
AWWA C207-23 Class E Ring & Blind

***Pressure rating at atmospheric temp: 275 PSI**



Nominal Size	Outside Diameter	Inside Diameter	Thick. Of Flange		Number of Bolt Holes	Diam. of Bolt Holes	Diam. of Bolt Circle	Weight (lbs)	
			Slip-On	Blind					
	OD	ID	T	T			BC	Slip-on	Blind
4	9.00	4.57	1.125	1.125	8	0.750	7.50	14	20
5	10.00	5.66	1.188	1.188	8	0.875	8.50	16	26
6	11.00	6.72	1.313	1.313	8	0.875	9.50	20	35
8	13.50	8.72	1.500	1.500	8	0.875	11.75	33	61
10	16.00	10.88	1.563	1.563	12	1.000	14.25	44	89
12	19.00	12.88	1.750	1.750	12	1.000	17.00	71	141
14	21.00	14.19	1.875	1.875	12	1.125	18.75	94	184
16	23.50	16.19	2.000	2.000	16	1.125	21.25	120	246
18	25.00	18.19	2.125	2.125	16	1.250	22.75	127	296
20	27.50	20.19	2.375	2.375	20	1.250	25.00	168	400
22	29.50	22.19	2.500	2.500	20	1.375	27.25	189	484
24	32.00	24.19	2.625	2.625	20	1.375	29.50	234	598
26	34.25	26.19	2.750	2.750	24	1.375	31.75	270	718
28	36.50	28.19	2.750	2.750	28	1.375	34.00	297	815
30	38.75	30.19	2.875	2.875	28	1.375	36.00	344	961
32	41.75	32.19	3.000	3.000	28	1.625	38.50	422	1163
34	43.75	34.19	3.000	3.050	32	1.625	40.50	441	1299
36	46.00	36.19	3.125	3.209	32	1.625	42.75	502	1511
38	48.75	38.19	3.125	3.394	32	1.625	45.25	580	1795
40	50.75	40.19	3.250	3.533	36	1.625	47.25	626	2025
42	53.00	42.19	3.375	3.695	36	1.625	49.50	701	2309
44	55.25	44.19	3.375	3.997	40	1.625	51.75	747	2715
46	57.25	46.19	3.438	3.857	40	1.625	53.75	794	2813
48	59.50	48.19	3.500	4.159	44	1.625	56.00	858	3276
50	61.75	50.19	3.500	4.327	44	1.875	58.25	887	3671
52	64.00	52.19	3.625	4.489	44	1.875	60.50	982	4091
54	66.25	54.19	3.750	4.651	44	1.875	62.75	1083	4542
60	73.00	60.19	3.875	5.116	52	1.875	69.25	1313	6066
66	80.00	66.19	4.250	5.601	52	1.875	76.00	1736	7976
72	86.50	72.19	4.375	6.066	60	1.875	82.50	2005	10099
78	93.00	78.19	4.750		64	2.125	89.00	2374	
84	99.75	84.19	4.750		64	2.125	95.50	2719	
90	106.50	90.19	5.125		68	2.438	102.00	3197	
96	113.25	96.19	5.125		68	2.438	108.50	3613	
102	120.00	102.19	5.500		72	2.688	114.50	4206	
108	126.75	108.19	5.500		72	2.688	120.75	4700	
114	133.50	114.19	5.875		76	2.938	126.75	5395	
120	140.25	120.19	5.875		76	2.938	132.75	5972	
126	147.00	126.19	6.250		80	3.188	139.25	6775	
132	153.75	132.19	6.250		80	3.188	145.75	7442	
138	160.50	138.19	6.750		84	3.438	152.00	8517	
144	167.25	144.19	6.750		84	3.438	158.25	9295	

1. All Dimensions are in inches.
2. Furnished flat face unless otherwise specified.
3. Other bores and facings available upon request.
4. Bores for sizes larger than 24" are not specified by AWWA. It is recommended by AWWA that bore should be 0.19 inch larger than nominal OD of the pipe.
5. Blind Flanges: Over 48", designers should consider using dished heads welded to a standard flange.
6. Drill Template: To match ANSI B16.1, class 125 cast-iron flanges. In sizes 24" and smaller it also matches ANSI B16.5, 150# std for steel flanges.
7. Bolt Hole Diameter is 1/8" larger than nominal diameter of the bolt, except it is 3/16" larger than nominal dia of the bolt on flanges larger than 84"
8. Ring dimensions from AWWA C207-01 Table 5 Blind dimensions from AWWA C207-01 Table 7

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