



All dimensions are in inches.  
Pressure rating at atmospheric temperature is 275 psi.

**TABLE 5 AWWA C207-18 CLASS E RING FLANGES**

<u>Nominal Pipe Size</u>	<u>Outside Diameter (A)</u>	<u>Inside Diameter (B)</u>	<u>Thickness (T)</u>	<u>Number of Bolt Holes</u>	<u>Diameter of Bolt Holes</u>	<u>Diameter of Bolt Circle (C)</u>	<u>Approximate Weight (lbs)</u>
4	9.00	4.57	1.125	8	0.750	7.50	14
5	10.00	5.66	1.188	8	0.875	8.50	16
6	11.00	6.72	1.313	8	0.875	9.50	22
8	13.50	8.72	1.500	8	0.875	11.75	33
10	16.00	10.88	1.563	12	1.000	14.25	47
12	19.00	12.88	1.750	12	1.000	17.00	71
14	21.00	14.19	1.875	12	1.125	18.75	94
16	23.50	16.19	2.000	16	1.125	21.25	120
18	25.00	18.19	2.125	16	1.250	22.75	127
20	27.50	20.19	2.375	20	1.250	25.00	168
22	29.50	22.19	2.500	20	1.375	27.25	189
24	32.00	24.19	2.625	20	1.375	29.50	234
26	34.25	26.19	2.750	24	1.375	31.75	270
28	36.50	28.19	2.750	28	1.375	34.00	297
30	38.75	30.19	2.875	28	1.375	36.00	344
32	41.75	32.19	3.000	28	1.625	38.50	422
34	43.75	34.19	3.000	32	1.625	40.50	460
36	46.00	36.19	3.125	32	1.625	42.75	502
38	48.75	38.19	3.125	32	1.625	45.25	580
40	50.75	40.19	3.250	36	1.625	47.25	626
42	53.00	42.19	3.375	36	1.625	49.50	701
44	55.25	44.19	3.375	40	1.625	51.75	747
46	57.25	46.19	3.438	40	1.625	53.75	794
48	59.50	48.19	3.500	44	1.625	56.00	858
50	61.75	50.19	3.500	44	1.875	58.25	887
52	64.00	52.19	3.625	44	1.875	60.50	982
54	66.25	54.19	3.750	44	1.875	62.75	1083
60	73.00	60.19	3.875	52	1.875	69.25	1313
66	80.00	66.19	4.250	52	1.875	76.00	1736
72	86.50	72.19	4.375	60	1.875	82.50	2005
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	3614
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	6776
132	153.75	132.19	6.250	80	3.188	145.75	7443
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