

Series Specifications 20C.E6 (20C)

Table 20C.E6.1  
 (Series 20C)  
 General Information

Size in.	Rating psi	I.D. in.	O.D. in.	Radius in.	Total Wall in.	Mean Diameter in.	Mean Radius in.
0.50	150	0.50	1.0000	0.5000	0.2500	0.7700	0.3850
0.75	150	0.75	1.2500	0.6250	0.2500	1.0200	0.5100
1.00	150	1.00	1.5000	0.7500	0.2500	1.2700	0.6350
1.50	150	1.50	2.0000	1.0000	0.2500	1.7700	0.8850
2.00	150	2.00	2.5000	1.2500	0.2500	2.2700	1.1350
2.50	150	2.50	3.0000	1.5000	0.2500	2.7700	1.3850
3.00	150	3.00	3.5000	1.7500	0.2500	3.2700	1.6350
4.00	150	4.00	4.5000	2.2500	0.2500	4.2700	2.1350
5.00	150	5.00	5.5000	2.7500	0.2500	5.2700	2.6350
6.00	150	6.00	6.5000	3.2500	0.2500	6.2700	3.1350
8.00	150	8.00	8.6250	4.3125	0.3125	8.3325	4.1663
10.00	150	10.00	10.6250	5.3125	0.3125	10.3325	5.1663
12.00	150	12.00	12.7500	6.3750	0.3750	12.3950	6.1975
14.00	150	14.25	15.1250	7.5625	0.4375	14.7075	7.3538
16.00	150	16.25	17.2500	8.6250	0.5000	16.7700	8.3850
18.00	150	18.25	19.3750	9.6875	0.5625	18.8325	9.4163
20.00	150	20.25	21.5000	10.7500	0.6250	20.8950	10.4475
24.00	150	24.25	25.7500	12.8750	0.7500	25.0200	12.5100
30.00	100	30.25	31.5000	15.7500	0.6250	30.8950	15.4475
36.00	100	36.25	37.7500	18.8750	0.7500	37.0200	18.5100
42.00	50	42.25	43.1250	21.5625	0.4375	42.7075	21.3538
48.00	50	48.25	49.2500	24.6250	0.5000	48.7700	24.3850
54.00	50	54.25	55.3750	27.6875	0.5625	54.8325	27.4163
60.00	50	60.25	61.5000	30.7500	0.6250	60.8950	30.4475
66.00	50	66.25	67.6250	33.8125	0.6875	66.9575	33.4788
72.00	50	72.25	73.7500	36.8750	0.7500	73.0200	36.5100

Notes:

1. 0.50, 0.75, 1.00, 1.50, 22.00, 54.00, 66.00, and 72.00in. piping are non-standard and are provided for information only.

Series Specifications 20C.E6 (20C)

**Table 20C.E6.2  
 (Series 20C)  
 Areas, Inertias, Weights**

Size in.	Rating psi	Internal Area sq in.	Total Area sq in.	Reinf Area sq in.	Total Inertia in. 4	Reinf Inertia in. 4	Pipe Weight lb/ft	Fluid Weight lb/ft	Total Weight lb/ft
0.50	150	0.20	0.59	0.56	0.05	0.04		0.09	0.09
0.75	150	0.44	0.79	0.74	0.10	0.10		0.19	0.19
1.00	150	0.79	0.98	0.92	0.20	0.19		0.34	0.34
1.50	150	1.77	1.37	1.28	0.54	0.51		0.77	0.77
2.00	150	3.14	1.77	1.64	1.13	1.07		1.36	1.36
2.50	150	4.91	2.16	2.00	2.06	1.93		2.13	2.13
3.00	150	7.07	2.55	2.36	3.39	3.17		3.06	3.06
4.00	150	12.57	3.34	3.09	7.56	7.05		5.44	5.44
5.00	150	19.63	4.12	3.81	14.24	13.24		8.51	8.51
6.00	150	28.27	4.91	4.53	24.01	22.29		12.25	12.25
8.00	150	50.27	8.16	7.66	70.59	66.53		21.78	21.78
10.00	150	78.54	10.12	9.49	134.71	126.81		34.02	34.02
12.00	150	113.10	14.58	13.82	279.34	265.70		48.99	48.99
14.00	150	159.48	20.19	19.29	544.84	522.01		69.09	69.09
16.00	150	207.39	26.31	25.29	923.55	889.73		89.84	89.84
18.00	150	261.59	33.24	32.10	1472.01	1424.11		113.32	113.32
20.00	150	322.06	40.99	39.71	2234.64	2169.23		139.52	139.52
24.00	150	461.86	58.90	57.38	4606.08	4493.80		200.08	200.08
30.00	150	718.69	60.62	58.72	7226.68	7008.84		311.34	311.34
36.00	150	1032.06	87.18	84.90	14924.67	14549.93		447.09	447.09
42.00	150	1401.98	58.67	56.02	13365.52	12772.34		607.34	607.34
48.00	150	1828.46	76.58	73.54	22750.94	21867.62		792.09	792.09
54.00	150	2311.48	96.86	93.45	36380.36	35125.00		1001.33	1001.33
60.00	150	2851.04	119.53	115.74	55373.58	53654.11		1235.07	1235.07
66.00	150	3447.16	144.57	140.41	80981.70	78695.88		1493.31	1493.31
72.00	150	4099.83	172.00	167.46	114587.06	111622.47		1776.05	1776.05

Notes:

1. 0.50, 0.75, 1.00, 1.50, 22.00, 54.00, 66.00, and 72.00in. piping are non-standard and are provided for information only.
2. Pipe weight is an estimate. Refer to the E14 specifications for published pipe weights.

Series Specifications 20C.E6 (20C)

Table 20C.E6M.1 (Metric)  
 (Series 20C)  
 General Information

Size mm	Rating bar	I.D. mm	O.D. mm	Radius mm	Total Wall mm	Mean Diameter mm	Mean Radius mm
13	10	<del>12.70</del>	25.40	12.70	6.35	19.56	9.7790
19	10	<del>19.05</del>	31.75	15.88	6.35	25.91	12.9540
25	10	25.40	38.10	19.05	6.35	32.26	16.1290
38	10	38.10	50.80	25.40	6.35	44.96	22.4790
51	10	50.80	63.50	31.75	6.35	57.66	28.8290
64	10	<del>63.50</del>	76.20	38.10	6.35	70.36	35.1790
76	10	76.20	88.90	44.45	6.35	83.06	41.5290
102	10	101.60	114.30	57.15	6.35	108.46	54.2290
127	10	127.00	139.70	69.85	6.35	133.86	66.9290
152	10	152.40	165.10	82.55	6.35	159.26	79.6290
203	10	203.20	219.08	109.54	7.94	211.65	105.8228
254	10	254.00	269.88	134.94	7.94	262.45	131.2228
305	10	304.80	323.85	161.93	9.53	314.83	157.4165
356	10	361.95	384.18	192.09	11.11	373.57	186.7853
406	10	412.75	438.15	219.08	12.70	425.96	212.9790
457	10	463.55	492.13	246.06	14.29	478.35	239.1728
508	10	514.35	546.10	273.05	15.88	530.73	265.3665
610	10	615.95	654.05	327.03	19.05	635.51	317.7540
762	7	768.35	800.10	400.05	15.88	784.73	392.3665
914	7	920.75	958.85	479.43	19.05	940.31	470.1540
1067	3	1073.15	1095.38	547.69	11.11	1084.77	542.3853
1219	3	1225.55	1250.95	625.48	12.70	1238.76	619.3790
1372	3	<del>1377.95</del>	<del>1406.53</del>	<del>703.26</del>	<del>14.29</del>	<del>1392.75</del>	<del>696.3728</del>
1524	3	1530.35	1562.10	781.05	15.88	1546.73	773.3665
1676	3	<del>1682.75</del>	<del>1717.68</del>	<del>858.84</del>	<del>17.46</del>	<del>1700.72</del>	<del>850.3603</del>
1829	3	<del>1835.15</del>	<del>1873.25</del>	<del>936.63</del>	<del>19.05</del>	<del>1854.71</del>	<del>927.3540</del>

Notes:

1. 13, 19, 25, 38, 559, 1372, 1676, and 1829mm piping are non-standard and are provided for information only.

Series Specifications 20C.E6 (20C)

Table 20C.E6M.2 (Metric)  
 (Series 20C)  
 Areas, Inertias, Weights

Size mm	Rating bar	Internal Area sq cm	Total Area sq cm	Reinf Area sq cm	Total Inertia cm 4	Reinf Inertia cm 4	Pipe Weight kg/m	Fluid Weight kg/m	Total Weight kg/m
13	10	1.3	3.8	3.6	1.9	1.9	0.13	0.13	0.13
19	10	2.9	5.1	4.8	4.3	4.2	0.29	0.29	0.29
25	10	5.1	6.3	5.9	8.3	8.0	0.51	0.51	0.51
38	10	11.4	8.9	8.3	22.3	21.2	1.14	1.14	1.14
51	10	20.3	11.4	10.6	47.1	44.4	2.03	2.03	2.03
64	10	31.7	13.9	12.9	85.7	80.5	3.17	3.17	3.17
76	10	45.6	16.5	15.2	141.1	132.1	4.56	4.56	4.56
102	10	81.1	21.5	19.9	314.8	293.5	8.11	8.11	8.11
127	10	126.7	26.6	24.6	592.6	551.3	12.67	12.67	12.67
152	10	182.4	31.7	29.2	999.2	927.9	18.24	18.24	18.24
203	10	324.3	52.7	49.4	2938.0	2769.4	32.43	32.43	32.43
254	10	506.7	65.3	61.3	5607.1	5278.2	50.67	50.67	50.67
305	10	729.7	94.1	89.2	11626.8	11059.1	72.97	72.97	72.97
356	10	1028.9	130.2	124.5	22677.8	21727.9	102.89	102.89	102.89
406	10	1338.0	169.7	163.2	38441.1	37033.2	133.80	133.80	133.80
457	10	1687.7	214.5	207.1	61269.6	59276.0	168.77	168.77	168.77
508	10	2077.8	264.4	256.2	93012.9	90290.3	207.78	207.78	207.78
610	10	2979.8	380.0	370.2	191719.7	187046.3	297.98	297.98	297.98
762	10	4636.7	391.1	378.8	300797.1	291730.1	463.67	463.67	463.67
914	10	6658.5	562.4	547.7	621211.7	605613.7	665.85	665.85	665.85
1067	10	9045.0	378.5	361.4	556314.8	531624.7	904.50	904.50	904.50
1219	10	11796.5	494.0	474.5	946965.8	910198.9	1179.65	1179.65	1179.65
1372	10	14912.7	624.9	602.9	1514264.9	1462012.7	1491.27	1491.27	1491.27
1524	10	18393.8	771.1	746.7	2304822.4	2233252.9	1839.38	1839.38	1839.38
1676	10	22239.7	932.7	905.9	3370712.6	3275569.9	2223.97	2223.97	2223.97
1829	10	26450.4	1109.7	1080.4	4769473.4	4646078.1	2645.04	2645.04	2645.04

Notes:

1. 13, 19, 25, 38, 559, 1372, 1676, and 1829mm piping are non-standard and are provided for information only.
2. Pipe weight is an estimate. Refer to the E14 specifications for published pipe weights.