

Rev B - February 4, 2010
 Series Specifications 20JF.E6 (20JF)

(also includes Series 20JF-C)

Table 20JF.E6.1
 (Series 20JF)
 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	200	0.50	1.6250	0.8125	0.5625	1.0825	0.5413
0.75	200	0.75	1.8750	0.9375	0.5625	1.3325	0.6663
1.00	200	1.00	2.1250	1.0625	0.5625	1.5825	0.7913
1.50	200	1.50	2.6250	1.3125	0.5625	2.0825	1.0413
2.00	200	2.00	3.1250	1.5625	0.5625	2.5825	1.2913
2.50	200	2.50	3.6250	1.8125	0.5625	3.0825	1.5413
3.00	200	3.00	4.1250	2.0625	0.5625	3.5825	1.7913
4.00	200	4.00	5.1250	2.5625	0.5625	4.5825	2.2913
5.00	200	5.00	6.1250	3.0625	0.5625	5.5825	2.7913
6.00	200	6.00	7.1250	3.5625	0.5625	6.5825	3.2913
8.00	200	8.00	9.1250	4.5625	0.5625	8.5825	4.2913
10.00	200	10.00	11.2500	5.6250	0.6250	10.6450	5.3225
12.00	200	12.00	13.3750	6.6875	0.6875	12.7075	6.3538
14.00	200	14.25	15.5000	7.7500	0.6250	14.8950	7.4475
16.00	200	16.25	17.6250	8.8125	0.6875	16.9575	8.4788
18.00	200	18.25	19.7500	9.8750	0.7500	19.0200	9.5100
20.00	200	20.25	21.8750	10.9375	0.8125	21.0825	10.5413
24.00	200	24.25	26.1250	13.0625	0.9375	25.2075	12.6038
30.00	200	30.25	31.8750	15.9375	0.8125	31.0825	15.5413
36.00	200	36.25	38.1250	19.0625	0.9375	37.2075	18.6038
42.00	200	42.25	43.5000	21.7500	0.6250	42.8950	21.4475
48.00	200	48.25	49.6250	24.8125	0.6875	48.9575	24.4788
54.00	200	54.25	55.7500	27.8750	0.7500	55.0200	27.5100
60.00	200	60.25	61.8750	30.9375	0.8125	61.0825	30.5413
66.00	200	66.25	68.0000	34.0000	0.8750	67.1450	33.5725
72.00	200	72.25	74.1250	37.0625	0.9375	73.2075	36.6038

Notes:

- 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.
- Refer to Engineering Specifications EG.E10 Table T11-1A through 1E for allowable pressure ratings.
- Testing data on this series is available in 2in. diameter only. The acceptance of extrapolation of this data to other sizes may have to be verified by regulatory agencies or other parties.

Rev B - February 4, 2010
Series Specifications 20JF.E6 (20JF)

(also includes Series 20JF-C)

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

Note: the pipe weight in this table will differ slightly from the Fittings Guide and Quick-Specs

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	200	0.20	1.88	1.00	0.34	0.12	1.50	0.09	1.59
0.75	200	0.44	2.32	1.28	0.59	0.23	1.86	0.19	2.05
1.00	200	0.79	2.76	1.56	0.95	0.40	2.21	0.34	2.55
1.50	200	1.77	3.64	2.11	2.08	0.98	2.92	0.77	3.68
2.00	200	3.14	4.53	2.67	3.90	1.96	3.62	1.36	4.98
2.50	200	4.91	5.41	3.23	6.56	3.43	4.33	2.13	6.46
3.00	200	7.07	6.30	3.79	10.24	5.51	5.04	3.06	8.10
4.00	200	12.57	8.06	4.90	21.30	11.91	6.45	5.44	11.89
5.00	200	19.63	9.83	6.02	38.41	21.99	7.86	8.51	16.37
6.00	200	28.27	11.60	7.13	62.89	36.57	9.28	12.25	21.53
8.00	200	50.27	15.13	9.36	139.27	82.63	12.10	21.78	33.88
10.00	200	78.54	20.86	13.72	295.41	187.80	16.52	34.02	50.55
12.00	200	113.10	27.40	18.88	553.01	370.47	21.52	48.99	70.52
14.00	200	159.48	29.21	19.29	809.24	522.01	23.13	69.09	92.22
16.00	200	207.39	36.58	25.29	1314.00	889.73	28.73	89.84	118.58
18.00	200	261.59	44.77	32.10	2023.29	1424.11	34.92	113.32	148.24
20.00	200	322.06	53.76	39.71	2985.79	2169.23	41.69	139.52	181.20
24.00	200	461.86	74.18	57.38	5890.98	4493.80	56.97	200.08	257.05
30.00	200	718.69	79.29	58.72	9569.51	7008.84	61.48	311.34	372.81
36.00	200	1032.06	109.53	84.90	18945.15	14549.93	84.12	447.09	531.21
42.00	200	1401.98	84.18	56.02	19348.38	12772.34	66.67	607.34	674.01
48.00	200	1828.46	105.70	73.54	31647.81	21867.62	83.02	792.09	875.11
54.00	200	2311.48	129.59	93.45	49010.59	35125.00	101.08	1001.33	1102.41
60.00	200	2851.04	155.86	115.74	72658.07	53654.11	120.86	1235.07	1355.93
66.00	200	3447.16	184.52	140.41	103942.85	78695.88	142.34	1493.31	1635.65
72.00	200	4099.83	215.55	167.46	144348.79	111622.47	165.55	1776.05	1941.59

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. Refer to Engineering Specifications EG.E10 Table T11-1A through 1E for allowable pressure ratings.
3. Testing data on this series is available in 2in. diameter only. The acceptance of extrapolation of this data to other sizes may have to be verified by regulatory agencies or other parties.
4. Pipe weight is an estimate. Refer to the E14 specifications for published pipe weights.

Rev B - February 4, 2010
Series Specifications 20JF.E6 (20JF)

(also includes Series 20JF-C)

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

Size mm	Rating bar	I.D. mm	O.D. mm	Radius mm	Total Wall mm	Mean Diameter mm	Mean Radius mm
13	14	12.70	41.28	20.64	14.29	27.50	13.7478
19	14	19.05	47.63	23.81	14.29	33.85	16.9228
25	14	25.40	53.98	26.99	14.29	40.20	20.0978
38	14	38.10	66.68	33.34	14.29	52.90	26.4478
51	14	50.80	79.38	39.69	14.29	65.60	32.7978
64	14	63.50	92.08	46.04	14.29	78.30	39.1478
76	14	76.20	104.78	52.39	14.29	91.00	45.4978
102	14	101.60	130.18	65.09	14.29	116.40	58.1978
127	14	127.00	155.58	77.79	14.29	141.80	70.8978
152	14	152.40	180.98	90.49	14.29	167.20	83.5978
203	14	203.20	231.78	115.89	14.29	218.00	108.9978
254	14	254.00	285.75	142.88	15.88	270.38	135.1915
305	14	304.80	339.73	169.86	17.46	322.77	161.3853
356	14	361.95	393.70	196.85	15.88	378.33	189.1665
406	14	412.75	447.68	223.84	17.46	430.72	215.3603
457	14	463.55	501.65	250.83	19.05	483.11	241.5540
508	14	514.35	555.63	277.81	20.64	535.50	267.7478
610	14	615.95	663.58	331.79	23.81	640.27	320.1353
762	14	768.35	809.63	404.81	20.64	789.50	394.7478
914	14	920.75	968.38	484.19	23.81	945.07	472.5353
1067	14	1073.15	1104.90	552.45	15.88	1089.53	544.7665
1219	14	1225.55	1260.48	630.24	17.46	1243.52	621.7603
1372	14	1377.95	1416.05	708.03	19.05	1397.51	698.7540
1524	14	1530.35	1571.63	785.81	20.64	1551.50	775.7478
1676	14	1682.75	1727.20	863.60	22.23	1705.48	852.7415
1829	14	1835.15	1882.78	941.39	23.81	1859.47	929.7353

Notes:

1. 13, 19, 25, 38, 559, 1372, 1676, and 1829mm piping are non-standard and are provided for information only.
2. Refer to Engineering Specifications EG.E10 Table T11-1A through 1E for allowable pressure ratings.
3. Testing data on this series is available in 2in. diameter only. The acceptance of extrapolation of this data to other sizes may have to be verified by regulatory agencies or other parties.

Rev B - February 4, 2010
Series Specifications 20JF.E6 (20JF)

(also includes Series 20JF-C)

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

Note: the pipe weight in this table will differ slightly from the Fittings Guide and Quick-Specs

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	14	1.3	12.1	6.4	14.1	4.8	2.24	0.13	2.36
19	14	2.9	15.0	8.2	24.6	9.5	2.76	0.29	3.05
25	14	5.1	17.8	10.0	39.6	16.8	3.29	0.51	3.79
38	14	11.4	23.5	13.6	86.7	40.9	4.34	1.14	5.48
51	14	20.3	29.2	17.2	162.2	81.5	5.39	2.03	7.42
64	14	31.7	34.9	20.8	273.0	142.9	6.44	3.17	9.61
76	14	45.6	40.6	24.4	426.1	229.5	7.49	4.56	12.06
102	14	81.1	52.0	31.6	886.5	495.8	9.60	8.11	17.71
127	14	126.7	63.4	38.8	1598.6	915.1	11.70	12.67	24.37
152	14	182.4	74.8	46.0	2617.6	1522.2	13.81	18.24	32.05
203	14	324.3	97.6	60.4	5796.8	3439.2	18.01	32.43	50.44
254	14	506.7	134.6	88.5	12295.9	7816.8	24.59	50.67	75.26
305	14	729.7	176.8	121.8	23018.1	15420.1	32.03	72.97	105.00
356	14	1028.9	188.4	124.5	33683.1	21727.9	34.42	102.89	137.32
406	14	1338.0	236.0	163.2	54692.8	37033.2	42.76	133.80	176.56
457	14	1687.7	288.8	207.1	84215.7	59276.0	51.97	168.77	220.73
508	14	2077.8	346.9	256.2	124277.8	90290.3	62.04	207.78	269.82
610	14	2979.8	478.6	370.2	245201.1	187046.3	84.79	297.98	382.76
762	14	4636.7	511.5	378.8	398312.9	291730.1	91.49	463.67	555.16
914	14	6658.5	706.6	547.7	788556.7	605613.7	125.18	665.85	791.02
1067	14	9045.0	543.1	361.4	805340.3	531624.7	99.22	904.50	1003.73
1219	14	11796.5	681.9	474.5	1317281.2	910198.9	123.55	1179.65	1303.20
1372	14	14912.7	836.1	602.9	2039974.9	1462012.7	150.43	1491.27	1641.70
1524	14	18393.8	1005.6	746.7	3024257.4	2233252.9	179.85	1839.38	2019.23
1676	14	22239.7	1190.4	905.9	4326428.1	3275569.9	211.83	2223.97	2435.80
1829	14	26450.4	1390.7	1080.4	6008250.4	4646078.1	246.36	2645.04	2891.41

Notes:

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