

Rev A - Oct-27-2008

Series Specifications 20JF16.E6 (20JF16)

(also includes Series 20JF16-C)

Table 20JF16.E6.1
 (Series 20JF16)
 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	232	0.50	1.7000	0.8500	0.6000	1.1200	0.5600
0.75	232	0.75	1.9500	0.9750	0.6000	1.3700	0.6850
1.00	232	1.00	2.2000	1.1000	0.6000	1.6200	0.8100
1.50	232	1.50	2.7000	1.3500	0.6000	2.1200	1.0600
2.00	232	2.00	3.2000	1.6000	0.6000	2.6200	1.3100
2.50	232	2.50	3.7000	1.8500	0.6000	3.1200	1.5600
3.00	232	3.00	4.2000	2.1000	0.6000	3.6200	1.8100
4.00	232	4.00	5.2000	2.6000	0.6000	4.6200	2.3100
5.00	232	5.00	6.2000	3.1000	0.6000	5.6200	2.8100
6.00	232	6.00	7.2000	3.6000	0.6000	6.6200	3.3100
8.00	232	8.00	9.2000	4.6000	0.6000	8.6200	4.3100
10.00	232	10.00	11.2000	5.6000	0.6000	10.6200	5.3100
12.00	232	12.00	13.2000	6.6000	0.6000	12.6200	6.3100
14.00	232	14.25	15.5300	7.7650	0.6400	14.9100	7.4550
16.00	232	16.25	17.6700	8.8350	0.7100	16.9800	8.4900
18.00	232	18.25	19.8100	9.9050	0.7800	19.0500	9.5250
20.00	232	20.25	21.9500	10.9750	0.8500	21.1200	10.5600
24.00	232	24.25	26.2300	13.1150	0.9900	25.2600	12.6300
30.00							
36.00							
42.00							
48.00							
54.00							
60.00							
66.00							
72.00							

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.

Rev A - Oct-27-2008

Series Specifications 20JF16.E6 (20JF16)

(also includes Series 20JF16-C)

**Table 20JF16.E6.2
 (Series 20JF16)
 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	232	0.20	2.07	1.15	0.41	0.15	1.65	0.09	1.73
0.75	232	0.44	2.54	1.46	0.69	0.28	2.02	0.19	2.21
1.00	232	0.79	3.02	1.77	1.10	0.49	2.40	0.34	2.74
1.50	232	1.77	3.96	2.38	2.36	1.16	3.15	0.77	3.91
2.00	232	3.14	4.90	3.00	4.36	2.28	3.90	1.36	5.26
2.50	232	4.91	5.84	3.62	7.28	3.96	4.65	2.13	6.77
3.00	232	7.07	6.79	4.23	11.30	6.31	5.39	3.06	8.46
4.00	232	12.57	8.67	5.47	23.32	13.53	6.89	5.44	12.34
5.00	232	19.63	10.56	6.70	41.85	24.84	8.39	8.51	16.90
6.00	232	28.27	12.44	7.93	68.30	41.18	9.89	12.25	22.14
8.00	232	50.27	16.21	10.40	150.60	92.62	12.89	21.78	34.66
10.00	232	78.54	19.98	12.86	281.53	175.26	15.88	34.02	49.91
12.00	232	113.10	23.75	15.33	472.40	296.49	18.88	48.99	67.88
14.00	232	159.48	29.94	20.00	831.24	542.46	23.66	69.09	92.75
16.00	232	207.39	37.83	26.51	1362.56	935.26	29.64	89.84	119.48
18.00	232	261.59	46.63	33.93	2114.46	1510.19	36.27	113.32	149.58
20.00	232	322.06	56.34	42.25	3140.73	2316.36	43.55	139.52	183.07
24.00	232	461.86	78.50	61.64	6260.81	4847.97	60.09	200.08	260.17
30.00									
36.00									
42.00									
48.00									
54.00									
60.00									
66.00									
72.00									

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.

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Series Specifications 20JF16.E6 (20JF16)

(also includes Series 20JF16-C)

Table 20JF16.E6M.1 (Metric)
 (Series 20JF16)
 General Information

Size mm	Rating bar	I.D. mm	O.D. mm	Radius mm	Total Wall mm	Mean Diameter mm	Mean Radius mm
15	16	12.70	43.18	21.59	15.24	28.45	14.2240
20	16	19.05	49.53	24.77	15.24	34.80	17.3990
25	16	25.40	55.88	27.94	15.24	41.15	20.5740
40	16	38.10	68.58	34.29	15.24	53.85	26.9240
50	16	50.80	81.28	40.64	15.24	66.55	33.2740
65	16	63.50	93.98	46.99	15.24	79.25	39.6240
80	16	76.20	106.68	53.34	15.24	91.95	45.9740
100	16	101.60	132.08	66.04	15.24	117.35	58.6740
125	16	127.00	157.48	78.74	15.24	142.75	71.3740
150	16	152.40	182.88	91.44	15.24	168.15	84.0740
200	16	203.20	233.68	116.84	15.24	218.95	109.4740
250	16	254.00	284.48	142.24	15.24	269.75	134.8740
300	16	304.80	335.28	167.64	15.24	320.55	160.2740
350	16	361.95	394.46	197.23	16.26	378.71	189.3570
400	16	412.75	448.82	224.41	18.03	431.29	215.6460
450	16	463.55	503.17	251.59	19.81	483.87	241.9350
500	16	514.35	557.53	278.77	21.59	536.45	268.2240
600	16	615.95	666.24	333.12	25.15	641.60	320.8020
750							
900							
1050							
1200							
1350							
1500							
1650							
1800							

Notes:

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

Rev A - Oct-27-2008

Series Specifications 20JF16.E6 (20JF16)

(also includes Series 20JF16-C)

**Table 20JF16.E6M.2 (Metric)
 (Series 20JF16)
 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
15	16	1.3	13.4	7.4	16.9	6.1	2.45	0.13	2.58
20	16	2.9	16.4	9.4	28.9	11.8	3.01	0.29	3.30
25	16	5.1	19.5	11.4	45.8	20.3	3.57	0.51	4.07
40	16	11.4	25.5	15.4	98.2	48.2	4.68	1.14	5.82
50	16	20.3	31.6	19.4	181.6	94.7	5.80	2.03	7.83
65	16	31.7	37.7	23.3	303.1	164.7	6.91	3.17	10.08
80	16	45.6	43.8	27.3	470.3	262.8	8.03	4.56	12.59
100	16	81.1	55.9	35.3	970.8	563.1	10.26	8.11	18.37
125	16	126.7	68.1	43.2	1742.1	1033.9	12.49	12.67	25.16
150	16	182.4	80.3	51.2	2842.8	1713.9	14.72	18.24	32.96
200	16	324.3	104.6	67.1	6268.3	3855.2	19.18	32.43	51.61
250	16	506.7	128.9	83.0	11718.0	7294.8	23.64	50.67	74.31
300	16	729.7	153.2	98.9	19662.6	12340.8	28.10	72.97	101.06
350	16	1028.9	193.1	129.1	34598.8	22578.8	35.21	102.89	138.10
400	16	1338.0	244.1	171.0	56714.1	38928.3	44.10	133.80	177.90
450	16	1687.7	300.9	218.9	88010.5	62859.1	53.97	168.77	222.73
500	16	2077.8	363.5	272.6	130727.0	96414.0	64.81	207.78	272.59
600	16	2979.8	506.5	397.6	260594.7	201787.8	89.42	297.98	387.40
750									
900									
1050									
1200									
1350									
1500									
1650									
1800									

Notes:

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