

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.

Rev A - Oct-27-2008

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
13	16	12.70	43.18	21.59	15.24	28.45	14.2240
19	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
38	16	38.10	68.58	34.29	15.24	53.85	26.9240
51	16	50.80	81.28	40.64	15.24	66.55	33.2740
64	16	63.50	93.98	46.99	15.24	79.25	39.6240
76	16	76.20	106.68	53.34	15.24	91.95	45.9740
102	16	101.60	132.08	66.04	15.24	117.35	58.6740
127	16	127.00	157.48	78.74	15.24	142.75	71.3740
152	16	152.40	182.88	91.44	15.24	168.15	84.0740
203	16	203.20	233.68	116.84	15.24	218.95	109.4740
254	16	254.00	284.48	142.24	15.24	269.75	134.8740
305	16	304.80	335.28	167.64	15.24	320.55	160.2740
356	16	361.95	394.46	197.23	16.26	378.71	189.3570
406	16	412.75	448.82	224.41	18.03	431.29	215.6460
457	16	463.55	503.17	251.59	19.81	483.87	241.9350
508	16	514.35	557.53	278.77	21.59	536.45	268.2240
610	16	615.95	666.24	333.12	25.15	641.60	320.8020
762							
914							
1067							
1219							
1372							
1524							
1676							
1829							

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
13	16	1.3	13.4	7.4	16.9	6.1	2.45	0.13	2.58
19	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
38	16	11.4	25.5	15.4	98.2	48.2	4.68	1.14	5.82
51	16	20.3	31.6	19.4	181.6	94.7	5.80	2.03	7.83
64	16	31.7	37.7	23.3	303.1	164.7	6.91	3.17	10.08
76	16	45.6	43.8	27.3	470.3	262.8	8.03	4.56	12.59
102	16	81.1	55.9	35.3	970.8	563.1	10.26	8.11	18.37
127	16	126.7	68.1	43.2	1742.1	1033.9	12.49	12.67	25.16
152	16	182.4	80.3	51.2	2842.8	1713.9	14.72	18.24	32.96
203	16	324.3	104.6	67.1	6268.3	3855.2	19.18	32.43	51.61
254	16	506.7	128.9	83.0	11718.0	7294.8	23.64	50.67	74.31
305	16	729.7	153.2	98.9	19662.6	12340.8	28.10	72.97	101.06
356	16	1028.9	193.1	129.1	34598.8	22578.8	35.21	102.89	138.10
406	16	1338.0	244.1	171.0	56714.1	38928.3	44.10	133.80	177.90
457	16	1687.7	300.9	218.9	88010.5	62859.1	53.97	168.77	222.73
508	16	2077.8	363.5	272.6	130727.0	96414.0	64.81	207.78	272.59
610	16	2979.8	506.5	397.6	260594.7	201787.8	89.42	297.98	387.40
762									
914									
1067									
1219									
1372									
1524									
1676									
1829									

Notes:

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