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SERVICE METAL

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JULY 20, 2009



Cast and Ductile Iron Flanged Fittings & Flanges

SMP *Service Metal Products Co.*
4001 N. Kingshighway
St. Louis, MO 63115

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SMC *Service Metal of the Carolinas*
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CAST & DUCTILE IRON FLANGED FITTINGS

JULY 20, 2009

Ductile Iron Flanged Fittings meet the following specifications: ASTM/ A395, ANSI/AWWA C110/A21.10, ANSI B16.42

Cast Iron Flanged Fittings meet the following specifications: ASTM/ A126, ANSI/AWWA C110/A21.10, ANSI B16.1

STANDARD 125#								
SIZE	WEIGHT	LIST	SIZE	WEIGHT	LIST	SIZE	WEIGHT	LIST
90° ELBOW			45° ELBOW (CONTINUED)			REDUCING TEE (CONTINUED)		
2	14	84.95	20	430	1,844.87	20X6	610	3,057.49
2-1/2	19	89.55	24	630	2,843.95	20X8	635	3,162.29
3	25	76.70	TEES			20X10	735	—
4	45	94.86	2	20	93.02	20X12	755	—
5	52	186.42	3	40	94.95	20X14	770	—
6	65	148.51	4	65	144.43	20X16	810	—
8	105	256.44	5	85	273.31	20X18	850	—
10	165	495.74	6	95	209.59	24X6	1,000	—
12	235	710.75	8	155	358.07	24X8	860	4,345.50
14	290	1,145.49	10	270	723.88	24X10	880	4,387.84
16	370	1,370.95	12	385	1,013.56	24X12	890	4,475.05
18	450	1,788.13	14	435	1,907.85	24X14	900	3,986.69
20	580	2,301.54	16	550	2,520.60	24X16	915	4,936.80
24	900	3,570.29	18	665	2,960.52	24X18	1,220	5,616.76
30	1,430	7,214.95	20	855	3,897.56	24X20	1,255	5,822.31
36	3,285	10,771.90	24	1,330	6,058.87	CROSS		
90° REDUCING ELBOW			REDUCING TEE			2	30	—
3X2	22	258.51	3X2	35	166.51	2-1/2	37	215.16
3X2-1/2	25	258.51	4X2	50	198.67	3	50	189.84
4X3	29	210.43	4X2-1/2	55	198.67	4	80	322.90
6X3	45	282.15	4X3	60	225.15	5	105	—
6X4	55	260.95	6X2	85	278.12	6	120	507.15
6X5	65	307.63	6X3	85	315.21	8	195	730.99
8X4	75	387.88	6X4	90	286.18	10	330	1,106.61
8X5	80	407.91	8X4	140	486.64	12	460	1,658.55
8X6	85	380.73	8X6	145	447.06	14	530	3,249.30
10X4	110	541.42	10X4	205	668.35	16	665	3,682.53
10X6	135	614.79	10X6	215	757.48	18	795	4,566.37
10X8	150	717.82	10X8	225	757.48	20	1,001	5,830.04
12X6	210	778.86	12X4	290	1,143.79	24	1,570	9,017.95
12X8	180	993.03	12X6	295	1,143.79	45° LATERAL		
12X10	210	1,000.36	12X8	310	1,797.38	3	45	269.69
14X12	270	1,234.00	12X10	360	—	4	75	326.44
16X8	240	POA	14X6	375	1,717.88	6	120	557.28
16X12	310	1,453.14	14X8	390	1,765.12	8	200	784.72
16X14	330	POA	14X10	400	1,729.38	10	335	1,207.62
45° ELBOW			14X12	425	1,700.76	12	515	1,835.40
2	12	93.31	16X6	540	—	90° BASE ELBOW		
3	20	100.99	16X8	475	1,872.97	3	35	234.82
4	40	137.19	16X10	495	2,305.65	4	55	292.57
5	45	—	16X12	520	2,140.14	6	85	498.53
6	55	191.75	16X14	530	2,288.90	8	145	429.26
8	90	267.73	18X6	480	2,376.22	10	210	716.23
10	130	496.59	18X8	495	2,455.94	12	300	992.97
12	195	723.88	18X10	585	—	14	430	1,680.37
14	220	885.67	18X12	535	2,298.01	16	445	2,210.95
16	280	1,275.14	18X14	625	—	18	565	POA
18	325	1,442.05	18X16	650	—	20	700	POA
						24	1,035	POA

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Ductile Iron Flanged Fittings meet the following specifications: ASTM/ A395, ANSI/AWWA C110/A21.10, ANSI B16.42
 Cast Iron Flanged Fittings meet the following specifications: ASTM/ A126, ANSI/AWWA C110/A21.10, ANSI B16.1

STANDARD 125#								
SIZE	WEIGHT	LIST	SIZE	WEIGHT	LIST	SIZE	WEIGHT	LIST
CONCENTRIC REDUCERS			CONCENTRIC REDUCERS (CONTINUED)			ECCENTRIC REDUCERS (CONTINUED)		
3X2	16	135.87	18X10	265	1,414.26	10X8	110	572.33
3X2-1/2	20	158.72	18X12	295	1,557.34	12X5	132	—
4X2	25	182.05	18X14	310	1,708.90	12X6	130	792.13
4X2-1/2	28	181.36	18X16	340	1,874.74	12X8	145	868.15
4X3	28	187.15	20X10	345	1,880.30	12X10	170	941.74
6X2	34	252.05	20X12	345	1,825.80	14X6	155	POA
6X2-1/2	38	223.72	20X14	355	2,240.06	14X8	175	POA
6X3	39	253.54	20X16	390	2,167.57	14X10	190	1,001.63
6X4	47	256.11	20X18	410	2,598.99	14X12	220	1,136.22
6X5	50	281.34	24X12	480	2,608.52	16X6	190	POA
8X4	66	304.47	24X14	480	3,120.23	16X8	210	POA
8X5	71	304.47	24X16	525	2,974.47	16X10	235	POA
8X6	77	304.47	24X18	550	3,561.11	16X12	285	1,569.58
10X4	85	387.45	24X20	590	3,387.26	16X14	280	POA
10X6	100	461.93	ECCENTRIC REDUCERS			18X8	240	POA
10X8	120	545.09	3X2	16	147.48	18X10	265	POA
12X4	130	708.24	3X2-1/2	20	147.35	18X12	295	POA
12X6	140	759.12	4X2	25	173.52	18X14	310	POA
12X8	155	834.75	4X2-1/2	28	173.37	18X16	340	POA
12X10	180	900.78	4X3	30	193.78	20X10	310	POA
14X6	185	986.18	6X2	35	266.23	20X12	345	POA
14X8	200	870.18	6X2-1/2	38	266.89	20X14	355	2,333.39
14X10	190	1,024.02	6X3	40	266.89	20X16	390	POA
14X12	250	1,191.63	6X4	45	278.34	20X18	410	POA
16X6	190	1,108.55	6X5	50	293.19	24X12	480	POA
16X8	210	1,073.38	8X4	65	319.69	24X14	490	POA
16X10	235	1,186.59	8X5	70	330.97	24X16	525	POA
16X12	310	1,423.84	8X6	75	319.69	24X18	550	POA
16X14	280	1,467.64	10X4	85	461.05	24X20	590	POA
18X8	240	1,345.58	10X6	90	427.94			
EXTRA HEAVY 250#								
90° ELBOW			TEES			CONCENTRIC REDUCER		
			2	32	POA	3X2	25	907.64
			2-1/2	46	643.85	3X2-1/2	29	907.64
3	40	529.03	3	58	721.01	4X2	36	1,581.37
4	65	724.58	3-1/2	76	—	4X2-1/2	40	—
6	115	1,085.87	4	99	1,200.96	4X3	45	1,229.20
8	185	1,777.82	5	135	1,876.79	5X2-1/2	50	—
10	296	3,207.63	6	180	1,768.56	6X4	77	1,715.51
12	410	4,660.82	8	280	2,828.97	8X6	130	2,339.08
			10	430	4,480.71	10X8	190	3,938.56
			12	620	7,058.65			

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CAST IRON FLANGES

FLANGES 125#							
SIZE	WEIGHT POUNDS	LIST (BLACK)	LIST (GALV.)	SIZE	WEIGHT POUNDS	LIST (BLACK)	LIST (GALV.)
125# THREADED FLANGES				125# REDUCING THREADED			
1/2	1.00	50.74	89.15	1X5	3.10	114.20	—
3/4	1.50	50.74	89.15	1X6	5.00	114.20	138.73
1	2.00	39.56	81.12	1X7	6.60	108.83	—
1-1/4	2.50	47.34	93.12	1-1/4X6	4.40	104.31	—
1-1/2	3.00	43.79	97.58	1-1/2X6	4.00	91.37	138.73
2	5.00	43.65	85.78	1-1/2X7	6.20	114.94	152.85
2-1/2	8.00	51.08	100.37	1-1/2X9	14.80	205.62	—
3	10.00	65.66	121.94	1-1/2X10	19.00	195.73	—
3-1/2	10.00	—	—	2X7	5.70	85.53	152.85
4	13.00	88.62	166.07	2X7-1/2	7.60	114.02	210.79
5	15.00	125.25	254.70	2X8-1/2	11.00	—	—
6	19.50	141.69	278.71	2X9	16.00	154.94	288.48
8	30.00	223.66	437.09	2X10	16.80	227.53	—
10	43.00	387.15	652.16	2X11	22.70	283.12	468.85
12	64.00	623.08	890.05	2X13-1/2	44.00	507.24	—
16	100.00	1,857.02	—	2-1/2X7-1/2	7.50	122.34	214.85
125# BLIND FLANGE				2-1/2X9	12.70	166.27	294.04
1/2	1.00	—	—	2-1/2X10	17.60	279.72	—
1	2.00	20.23	31.12	2-1/2X11	22.30	328.82	456.81
1-1/4	3.00	20.23	31.12	2-1/2X13-1/2	39.70	507.24	—
1-1/2	3.00	20.23	31.12	3X9	13.60	154.94	288.48
2	4.00	21.48	33.04	3X10	16.70	279.72	—
2-1/2	7.00	23.18	35.65	3X11	21.40	283.34	—
3	8.00	23.84	36.69	3X13-1/2	37.10	507.24	—
3-1/2	13.00	33.98	52.26	3-1/2X11	22.00	328.82	—
4	17.00	33.98	52.26	3-1/2X13-1/2	39.00	386.79	—
5	20.00	63.34	97.47	4X10	14.20	234.16	369.74
6	26.00	63.34	97.47	4X11	21.10	233.64	468.85
8	45.00	102.62	157.88	4X13-1/2	35.40	386.79	688.37
10	70.00	150.19	231.06	5X11	19.90	296.15	468.85
12	110.00	212.38	326.73	5X13-1/2	32.80	530.30	—
14	131.00	487.66	—	6X13-1/2	29.80	350.65	688.24
16	170.00	641.24	—	6X16	55.10	751.50	—
18	210.00	814.91	—	8X16	44.70	711.95	—
20	272.00	1,008.69	—	8X19	76.50	878.63	—
24	410.00	1,583.08	—	10X19	68.20	772.02	—
30	463.00	2,794.77	—				

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