

Cast Iron Flanged Fittings

Class 250 (Extra Heavy)

FIGURE 855 Flanged Concentric Reducer	Size				G		Unit Weight	
	NPS	DN	NPS	DN	in	mm	Black	
							lbs	kg
	3	80	2	50	6	152	25.00	11.34
			2½	65			29.00	13.15
	4	100	2½	65	7	178	40.00	18.14
			3	80			44.00	19.95
	6	150	3	80	9	229	67.00	30.39
			4	100			77.00	34.92
			5	125			85.00	38.55
	8	200	4	100	11	279	105.00	47.62
			6	150			130.00	58.96
	10	250	6	150	12	305	170.00	77.10
			8	200			190.00	86.17

Iron Flanges

Class 125 (Standard)

Class 125 (Standard) Iron Flanges are manufactured to American National Standard ASME B16.1.

FIGURE 1011 Companion Flange	Pipe Size		Diam. of Flange O		Min. Flange Thickness Q		Min. Diam. of Hub X		Min. Length Through Hub Y		Unit Weight			
	NPS	DN	in	mm	in	mm	in	mm	in	mm	Black		Galv.	
											lbs	kg	lbs	kg
	¾	20	3 ⁷ / ₈	98	7 ¹ / ₁₆	11	1 ³ / ₄	44	5 ⁵ / ₈	16	1.50	0.68	1.50	0.68
	1	25	4 ¹ / ₄	108	7 ¹ / ₁₆	11	1 ¹⁵ / ₁₆	49	1 ¹¹ / ₁₆	17	1.75	0.79	1.75	0.79
	1¼	32	4 ⁵ / ₈	117	½	13	2 ⁵ / ₁₆	59	1 ¹³ / ₁₆	22	2.00	0.91	2.00	0.91
	1½	40	5	127	9 ¹ / ₁₆	14	2 ⁹ / ₁₆	65	7 ⁷ / ₈	22	2.25	1.02	2.25	1.02
	2	50	6	152	5 ⁵ / ₈	16	3 ¹ / ₁₆	78	1	25	4.00	1.81	4.00	1.81
	2½	65	7	178	1 ¹¹ / ₁₆	17	3 ⁹ / ₁₆	90	1 ¹ / ₈	29	6.00	2.72	6.00	2.72
	3	80	7½	191	¾	19	4 ¹ / ₄	108	1 ³ / ₁₆	30	7.63	3.46	7.63	3.46
	3½	90	8½	216	1 ¹³ / ₁₆	22	4 ¹³ / ₁₆	124	1¼	32	9.00	4.08	–	–
	4	100	9	229	1 ¹⁵ / ₁₆	24	5 ⁵ / ₁₆	135	1 ¹⁵ / ₁₆	33	11.75	5.33	11.75	5.33
	5	125	10	254	1 ¹⁵ / ₁₆	24	6 ⁷ / ₁₆	164	1 ⁷ / ₁₆	37	14.00	6.35	14.00	6.35
	6	150	11	279	1	25	7 ⁹ / ₁₆	192	1 ⁹ / ₁₆	40	16.50	7.48	16.50	7.48
	8	200	13½	343	1 ¹ / ₈	29	9 ¹¹ / ₁₆	246	1¾	44	26.00	11.79	26.00	11.79
10	250	16	406	1 ³ / ₁₆	30	11 ¹⁵ / ₁₆	303	1 ¹⁵ / ₁₆	49	37.75	17.12	37.75	17.12	
12	300	19	483	1¼	32	14 ¹ / ₁₆	357	2 ³ / ₁₆	56	50.50	22.90	50.50	22.90	

When ordering companion flanges, always give outside diameter as well as nominal pipe size.

Note: See page 63 for pressure-temperature ratings.