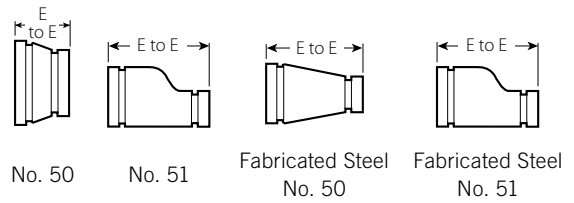
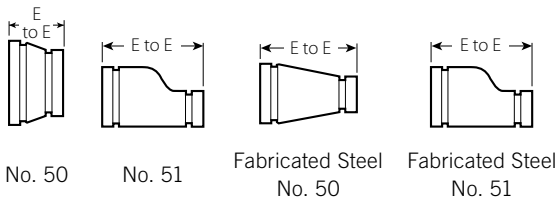


4.15 DIMENSIONS

Concentric/Eccentric Reducer

No. 50 Concentric

No. 51 Eccentric



Size	No. 50 Concentric Reducer			No. 51 Eccentric Reducer	
	Nominal inches DN	E to E inches mm	Approx. Weight (Each) lb kg	E to E inches mm	Approx. Weight (Each) lb kg
1¼ DN32 x ¾ DN20	+	1.9 0.9	—	—	
	1 DN25	+	1.9 0.9	—	—
1½ DN40 x ¾ DN20	+	1.4 0.6	—	—	
	1 DN25	2.50 64	0.8 0.4	8.50 (sw) 216	4.5 2.0
	1¼ DN32	2.50 64	1.0 0.5	—	—
2 DN50 x ¾ DN20	2.50 64	0.9 0.3	9.00 (sw) 229	2.0 0.9	
	1 DN25	2.50 64	0.7 0.3	9.00 (sw) 229	2.3 1.0
	1¼ DN32	2.50 64	1.2 0.5	9.00 (sw) 229	4.6 2.1
	1½ DN40	3.50 89	1.0 0.5	3.50 89	1.1 0.5
2½ x ¾ DN20	+	1.3 0.6	+	3.3 1.5	
	1 DN25	2.50 64	1.1 0.5	9.50 241	3.5 1.6
	1¼ DN32	3.50 89	3.3 1.5	3.50 89	1.4 0.6
	1½ DN40	2.50 64	3.6 1.6	9.50 (sw) 241	3.7 1.7
	2 DN50	2.50 64	3.9 1.8	3.50 89	4.3 2.0
3 DN80 x ¾ DN20	+	1.5 0.7	+	4.5 2.0	
	1 DN25	2.50 64	1.3 0.6	9.50 (sw) 241	4.8 2.2
	1¼ DN32	2.50 64	1.4 0.6	+	4.8 2.2
	1½ DN40	2.50 64	5.1 2.3	9.50 (sw) 241	5.1 2.3
	2 DN50	2.50 64	1.6 0.7	3.50 89	6.0 2.7
	2½	2.50 64	1.8 0.8	3.50 89	7.0 3.2
DN76.1	2.50 64	2.1 1.0	—	—	
	3 DN80	2.50 64	2.0 0.9	9.50 (sw) 241	7.0 3.2
3½ DN90 x 3 DN80	3.00 76	3.0 1.4	13.00 (sw) 330	6.5 2.9	

Size	No. 50 Concentric Reducer			No. 51 Eccentric Reducer	
	Nominal inches DN	E to E inches mm	Approx. Weight (Each) lb kg	E to E inches mm	Approx. Weight (Each) lb kg
1¼ DN32	+	4.6 2.1	—	—	
	1½ DN40	3.00 (sw) 76	2.6 1.2	10.00 (sw) 254	8.1 3.7
	2 DN50	3.00 76	2.4 1.1	4.00 102	3.3 1.5
	2½	3.00 76	2.7 1.2	4.00 102	3.4 1.5
	3 DN80	3.00 76	3.2 1.4	4.00 102	3.5 1.6
	3½ DN90	3.00 76	2.9 1.3	10.00 (sw) 254	8.0 3.6
	5 x 2 DN50	11.00 (sw) 279	9.0 4.1	11.00 (sw) 279	5.2 2.4
2½		4.00 102	4.3 2.0	11.00 (sw) 279	10.8 4.9
3 DN80		4.00 102	5.5 2.5	11.00 (sw) 279	11.1 5.0
4 DN100		3.50 89	4.3 1.9	5.00 127	12.0 5.4
6 DN150 x 1 DN25	4.00 102	5.0 2.3	11.50 (sw) 292	14.5 6.6	
	1½ DN40	+	5.5 2.5	+	+
	2 DN50	4.00 102	6.6 3.0	11.50 (sw) 292	14.5 6.6
	2½	4.00 102	6.4 2.9	11.50 (sw) 292	14.2 6.4
	3 DN80	4.00 102	6.4 2.9	5.50 140	15.0 6.8
	4 DN100	4.00 102	6.5 2.9	5.50 140	17.0 7.7
	5	4.00 102	6.4 2.9	5.50 140	17.0 7.7
8 DN200 x 2½	16.00 406	7.9 3.6	12.00 (sw) 305	26.1 11.8	
	3 DN80	5.00 127	9.3 4.2	12.00 (sw) 305	22.0 10.0
	4 DN100	5.00 127	10.4 4.8	12.00 (sw) 305	23.0 10.4
	5	5.00 127	11.6 5.2	12.00 (sw) 305	23.0 10.4
	6 DN150	5.00 127	11.9 5.4	6.00 152	24.0 10.9

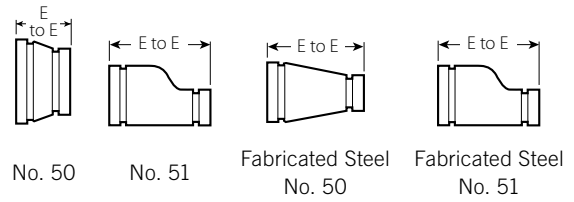
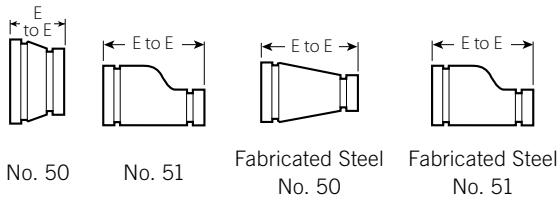
¹⁴ For 14"/350 mm and larger roll grooved systems, Victaulic offers the Advanced Groove System (AGS). For pricing and availability of cut groove fittings in this size, contact your nearest Victaulic sales representative.

4.15 DIMENSIONS (Continued)

Concentric/Eccentric Reducer

No. 50 Concentric

No. 51 Eccentric



Size		No. 50 Concentric Reducer		No. 51 Eccentric Reducer	
Nominal inches DN	E to E inches mm	Approx. Weight (Each) lb kg	E to E inches mm	Approx. Weight (Each) lb kg	
10 DN250 ^x	4 DN100	19.7 8.9	13.00 (sw) 330	32.0 14.5	
	5	33.0 15.0	+	34.6 15.7	
	6 DN150	20.0 9.1	13.00 (sw) 330	36.9 16.7	
	8 DN200	22.0 10.0	7.00 178	21.6 9.8	
12 DN300 ^x	4 DN100	44.0 20.0	14.00 (sw) 356	48.0 21.8	
	6 DN150	24.6 11.2	14.00 (sw) 356	50.0 22.7	
	8 DN200	52.0 23.6	14.00 (sw) 356	53.5 24.3	
	10 DN250	39.0 17.7	14.00 (sw) 356	57.0 25.9	
14 DN350 ^x	6 DN150	65.0 29.5	13.00 330	60.0 27.2	
	8 DN200	65.0 29.5	13.00 330	60.0 27.2	
	10 DN250	66.0 29.9	13.00 330	65.0 29.5	
	12 DN300	68.0 30.8	13.00 330	66.0 29.9	
	14 DN350	73.0 33.1	14.00 355	73.0 33.1	
16 DN400 ^x	8 DN200	73.0 33.1	14.00 355	73.0 33.1	
	10 DN250	73.0 33.1	14.00 355	73.0 33.1	
	12 DN300	73.0 33.1	14.00 355	73.0 33.1	
	14 DN350	73.0 33.1	14.00 355	73.0 33.1	
18 DN450 ^x	10 DN250	91.0 41.3	15.00 381	91.0 41.3	
	12 DN300	91.0 41.3	15.00 381	91.0 41.3	
	14 DN350	91.0 41.3	15.00 381	91.0 41.3	
	16 DN400	91.0 41.3	15.00 381	91.0 41.3	

Size		No. 50 Concentric Reducer		No. 51 Eccentric Reducer	
Nominal inches DN	E to E inches mm	Approx. Weight (Each) lb kg	E to E inches mm	Approx. Weight (Each) lb kg	
20 DN500 ^x	10 DN250	110.0 49.9	20.00 508	20.00 508	177.0 80.3
	12 DN300	120.0 54.4	20.00 508	20.00 508	120.0 54.4
	14 DN350	149.0 67.9	20.00 508	20.00 508	149.0 67.9
	16 DN400	120.0 54.4	20.00 508	20.00 508	120.0 54.4
	18 DN450	136.0 61.7	20.00 508	20.00 508	136.0 61.7
24 DN600 ^x	10 DN250	142.0 64.4	20.00 508	20.00 508	142.0 64.4
	12 DN300	150.0 68.0	20.00 508	20.00 508	150.0 68.0
	14 DN350	162.0 73.5	20.00 508	20.00 508	162.0 73.5
	16 DN400	162.0 73.5	20.00 508	20.00 508	162.0 73.5
	18 DN450	162.0 73.5	20.00 508	20.00 508	162.0 73.5
20 DN500	151.0 68.5	20.00 508	20.00 508	190.0 86.2	
14 – 60 ¹⁴ DN350 – DN1500	For AGS fitting information, see publication 20.05				



¹⁴ For 14"/350 mm and larger roll grooved systems, Victaulic offers the Advanced Groove System (AGS). For pricing and availability of cut groove fittings in this size, contact your nearest Victaulic sales representative.

(s) = Carbon Steel Direct Roll Groove (OGS)

(sw) = Carbon Steel Segmentally Welded

+ Contact Victaulic for details.

NOTES

- Available with male threaded small end No. 52.
- Cast fitting available for JIS size. Contact Victaulic for details.
- Steel eccentric reducers available through 30"/750 mm, contact Victaulic for dimensions.
- All fittings are ductile iron unless otherwise noted with an (sw) or (s).

¹⁴ For 14"/350 mm and larger roll grooved systems, Victaulic offers the Advanced Groove System (AGS). For pricing and availability of cut groove fittings in this size, contact your nearest Victaulic sales representative.