

2.0 CERTIFICATION/LISTINGS



NOTES

- When supplied as "hot dip galvanized" the following fittings are UL Classified in accordance with ANSI/NSF 61 and for use on cold +86°F/+30°C potable water service and ANSI/NSF 372: No. 10 90° Elbow, No. 11 45° Elbow, No. 12 22 ½° Elbow, No. 13 11 ¼° Elbow, No. 100 90° Long Radius Elbow, No. 110 45° Long Radius Elbow, No. 20 Tee, No. 25 Tee with Grooved Branch, No. 30 45° Lateral, No. 60 Cap, No. 50 Concentric Reducers, No. 51 Eccentric Reducers.
- The following Victaulic fittings are VdS approved: No.10 90° Elbow, No.11 45° Elbow, No.20 Tee and No.60 Cap.
- The following Victaulic fittings are LPCB approved: No.10 90° Elbow, No.11 45° Elbow, No.12 22 ½° Elbow, No.13 11 ¼° Elbow, No.30 45° Lateral, No.30-R Reducing Lateral, No.100 Long Radius Elbow, No.110 Long Radius Elbow, No.20 Tee, No.35 Cross, No.60 Cap, No.25 Reducing Tee, No.33 True Wye, No.50 Concentric Reducer, No.51 Eccentric Reducer and No.29M Tee with Threaded Branch.
- The following Victaulic fittings are FM approved: No.10 90° Elbow, No.11 45° Elbow, No.12 22 ½° Elbow, No.13 11 ¼° Elbow, No.30 45° Lateral, No.100 Long Radius Elbow, No.20 Tee, No.35 Cross, No.60 Cap, No.25 Reducing Tee and No.50 Concentric Reducer.

3.0 SPECIFICATIONS - MATERIAL

Fitting: (specify choice)

Standard: Ductile iron conforming to ASTM A536, Grade 65-45-12.

Optional: Segmentally welded steel as shown under nipples

Nipples: (specify choice)

¾ – 4"/DN20 – DN100: Carbon steel, Schedule 40, conforming to ASTM A53, Type F

5 – 6"/DN125 – DN150: Carbon steel, Schedule 40, conforming to ASTM A53, Type E or S, Gr. B

8 – 12"/DN200 – DN300: Carbon steel, Schedule 30 or 40, conforming to ASTM A53, Type E or S, Gr. B

Flanged Adapter Nipples: (specify choice)

Class 125 Flange: Cast iron conforming to ANSI B16.1

Class 150 Flange: Carbon steel conforming to ANSI B16.5, raised or flat face

Class 300 Flange: Carbon steel conforming to ANSI B16.5, raised or flat face

Fitting Coating: (specify choice)

Standard: Orange enamel

Optional: Hot dip galvanized and others. Some fittings supplied electroplated as standard – see product specifications

Flanged Adapter Nipple Coating: (specify choice)

Standard: None (Unfinished)

Optional: Orange enamel, hot dip galvanized and others

4.15 DIMENSIONS

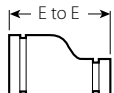
Concentric/Eccentric Reducer

No. 50 Concentric

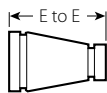
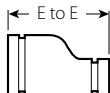
No. 51 Eccentric



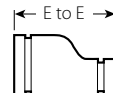
No. 50



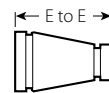
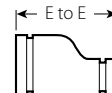
No. 51

Fabricated Steel
No. 50Fabricated Steel
No. 51

No. 50



No. 51

Fabricated Steel
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No. 51

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
1 1/4 DN32 x 3/4 DN20	+	1.9 0.9	—	—
1 DN25	+	1.9 0.9	—	—
1 1/2 DN40 x 3/4 DN20	+	1.4 0.6	—	—
1 DN25	2.50 64	0.8 0.4	8.50 (sw) 216	4.5 2.0
1 1/4 DN32	2.50 64	1.0 0.5	—	—
2 DN50 x 3/4 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
1 1/4 DN32	2.50 64	1.2 0.5	9.00 (sw) 229	4.6 2.1
1 1/2 DN40	2.50 64	1.0 0.5	3.50 89	1.1 0.5
2 1/2 x 3/4 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
1 1/4 DN32	3.50 89	3.3 1.5	3.50 89	1.4 0.6
1 1/2 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 3/4 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
1 1/4 DN32	2.50 64	1.4 0.6	+	4.8 2.2
1 1/2 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
2 1/2	2.50 64	1.8 0.8	3.50 89	7.0 3.2
DN65	2.50 64	2.1 1.0	—	—
3 1/2 DN90 x 3 DN80	2.50 64	2.0 0.9	9.50 (sw) 241	7.0 3.2
4 DN100 x 1 DN25	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
1 1/4 DN32	+	4.6 2.1	—	—
1 1/2 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
2 1/2	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
3 1/2 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
2 1/2	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
1 1/2 DN40	+	5.5 2.5	+	+
2 DN50	4.00 102	6.6 3.0	11.50 (sw) 292	14.5 6.6
2 1/2	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 2 1/2	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