

Reliable®

Model CRG1 Grooved Concentric Reducer

cULus Listed, FM Approved
300 psi (20.7 bar)

CRG1 Grooved Concentric Reducer Technical Data

Operating Specifications
Maximum Working Pressure:
300 psi (20.7 bar)

Material Specifications

Body: ASTM A536 Grade 65-45-12 Ductile Iron

Design Specification

Groove: AWWA-C606

Available Finishes

Housing:
Standard orange paint
Hot dipped galvanized (ASTM A-153)

Listings and Approvals

cULus Listed
FM Approved



CRG1 Grooved Concentric Reducer Dimensions

Figure 1

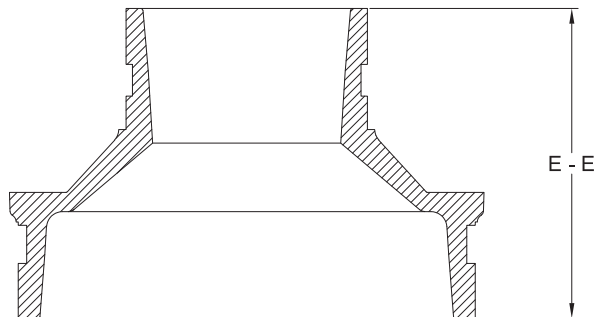


Table A

| Nominal Size in (mm) | Pipe O.D. in/mm | Dimension E - E in (mm) | Weight lb (kg) |
|-------------------------|-------------------------------|-------------------------------|-------------------|
| 1-1/2 x 1-1/4 (40 x 32) | 1.900 x 1.660 (48.3 x 42.2) | 2-1/2 (64) | 0.90 (0.41) |
| 2 x 1-1/4 (50 x 32) | 2.375 x 1.660 (60.3 x 42.2) | 2-1/2 (64) | 0.95 (0.43) |
| 2 x 1-1/2 (50 x 40) | 2.375 x 1.900 (60.3 x 48.3) | 2-1/2 (64) | 0.95 (0.43) |
| 2-1/2 x 1-1/4 (65 x 32) | 2.875 x 1.660 (73.0 x 42.2) | 2-1/2 (64) | 1.10 (0.50) |
| 2-1/2 x 1-1/2 (65 x 40) | 2.875 x 1.900 (73.0 x 48.3) | 2-1/2 (64) | 1.10 (0.50) |
| 2-1/2 x 2 (65 x 50) | 2.875 x 2.375 (73.0 x 60.3) | 2-1/2 (64) | 1.15 (0.52) |
| 3 x 1-1/4 (80 x 32) | 3.500 x 1.660 (88.9 x 42.2) | 2-1/2 (64) | 1.32 (0.60) |
| 3 x 1-1/2 (80 x 40) | 3.500 x 1.900 (88.9 x 48.3) | 2-1/2 (64) | 1.37 (0.62) |
| 3 x 2 (80 x 50) | 3.500 x 2.375 (88.9 x 60.3) | 2-1/2 (64) | 1.41 (0.64) |
| 3 x 2-1/2 (80 x 65) | 3.500 x 2.875 (88.9 x 73.0) | 2-1/2 (64) | 1.59 (0.72) |
| 4 x 1-1/4 (100 x 32) | 4.500 x 1.660 (114.3 x 42.2) | 3 (76) | 1.99 (0.90) |
| 4 x 1-1/2 (100 x 40) | 4.500 x 1.900 (114.3 x 48.3) | 3 (76) | 1.99 (0.90) |
| 4 x 2 (100 x 50) | 4.500 x 2.375 (114.3 x 60.3) | 3 (76) | 2.36 (1.07) |
| 4 x 2-1/2 (100 x 65) | 4.500 x 2.875 (114.3 x 73.0) | 3 (76) | 2.43 (1.10) |
| 4 x 3 (100 x 80) | 4.500 x 3.500 (114.3 x 88.9) | 3 (76) | 2.60 (1.18) |
| 6 x 1-1/2 (150 x 40) | 6.625 x 1.900 (168.3 x 48.3) | 3-3/8 (85) | 3.74 (1.70) |
| 6 x 2 (150 x 50) | 6.625 x 2.375 (168.3 x 60.3) | 3-3/8 (85) | 3.86 (1.75) |
| 6 x 2-1/2 (150 x 65) | 6.625 x 2.875 (168.3 x 73.0) | 3-3/8 (85) | 4.26 (1.93) |
| 6 x 3 (150 x 80) | 6.625 x 3.500 (168.3 x 88.9) | 3-3/8 (85) | 4.63 (2.10) |
| 6 x 4 (150 x 100) | 6.625 x 4.500 (168.3 x 114.3) | 3-3/8 (85) | 5.18 (2.35) |
| 8 x 2-1/2 (200 x 65) | 8.625 x 2.875 (219.1 x 73.0) | 3-3/8 (85) | 7.26 (3.30) |
| 8 x 4 (200 x 100) | 8.625 x 4.500 (219.1 x 114.3) | 3-3/8 (85) | 7.17 (3.25) |
| 8 x 6 (200 x 150) | 8.625 x 6.625 (219.1 x 168.3) | 3-3/8 (85) | 7.61 (3.45) |