

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:

Red powder coating
Hot dipped galvanized (ASTM A-153)

Listings and Approvals

cULus Listed
FM Approved



CRG1 Grooved Concentric Reducer Dimensions

Figure 1

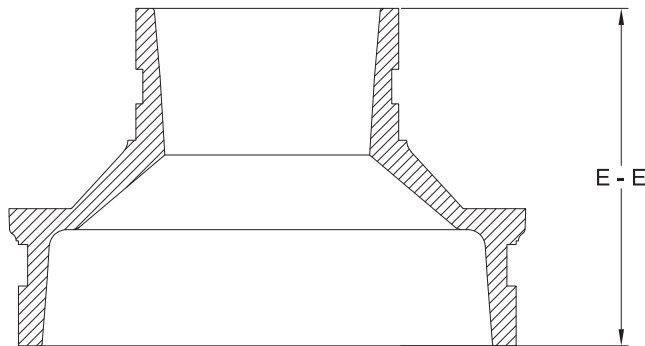


Table A

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)
76 mm x 1-1/4 (76 x 32)	3.000 x 1.660 (76.1 x 42.4)	2-1/2 (64)	1.1 (0.5)
76 mm x 1-1/2 (76 x 40)	3.000 x 1.900 (76.1 x 48.3)	2-1/2 (64)	1.1 (0.5)
76 mm x 2 (76 x 50)	3.000 x 2.375 (76.1 x 60.3)	2-1/2 (64)	1.1 (0.5)
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)
3 x 76 mm (80 x 76)	3.500 x 3.000 (88.9 x 76.1)	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 76 mm (100 x 76)	4.500 x 3.000 (114.3 x 76.1)	3 (76)	2.29 (1.04)
4 x 3 (100 x 80)	4.500 x 3.500 (114.3 x 88.9)	3 (76)	2.60 (1.18)

Table A

Nominal Size in (mm)	Pipe O.D. in/mm	Dimension E - E in (mm)	Weight lb (kg)
165 mm x 2 (165 x 50)	6.500 x 2.375 (165.1 x 60.3)	3-3/8 (85)	4.22 (1.92)
165 mm x 2-1/2 (165 x 65)	6.500 x 2.875 (165.1 x 73)	3-3/8 (85)	4.4 (2.0)
165 mm x 76 mm (165 x 76)	6.500 x 3.000 (165.1 x 76.1)	3-3/8 (85)	4.4 (2.0)
165 mm x 3 (165 x 80)	6.500 x 3.500 (165.1 x 88.9)	3-3/8 (85)	4.47 (2.03)
165 mm x 4 (165 x 100)	6.500 x 4.500 (165.1 x 114.3)	3-3/8 (85)	4.44 (2.02)
165 mm x 139 mm (165 x 139)	6.500 x 5.500 (165.1 x 139.7)	3-3/8 (85)	5.18 (2.35)
6 x 1-1/2 (150 x 40)	6.625 x 1.900 (168.3 x 48.3)	3-3/8 (85)	6.39 (2.9)
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 76 mm (150 x 76)	6.625 x 3.000 (168.3 x 76.1)	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)
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 165 mm (200 x 165)	8.625 x 6.500 (219.1 x 165.1)	3-3/8 (85)	7.61 (3.45)
8 x 6 (200 x 150)	8.625 x 6.625 (219.1 x 168.3)	3-3/8 (85)	7.61 (3.45)
10 x 8 (250 x 200)	10.750 x 8.625 (273.1 x 219.1)	3-1/2 (90)	12.87 (5.85)

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