

## Eccentric Reducer Fig. R-2



### Material Specifications

#### Cast Fittings

Ductile Iron conforming to ASTM A536, Grade 65-45-12

#### Fabricated Fittings

**1"-10"** Carbon Steel, Schedule 40, conforming to ASTM A53, Grade B

**12"** Carbon Steel, Standard Wall, conforming to ASTM A53, Grade B

#### Coatings

Rust inhibiting paint

Color: Orange (standard)

Hot Dipped Zinc Galvanized conforming to ASTM A153 (optional)

Other available options

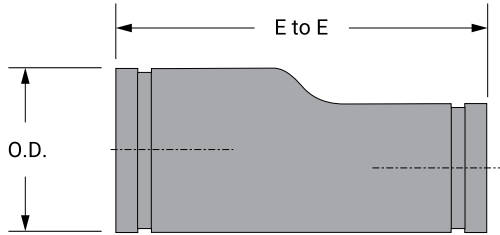
Example: RAL3000 or RAL9000 Series

For Listings/Approval Details and Limitations, visit our website at [www.asc-es.com](http://www.asc-es.com) or contact an ASC Engineered Solutions™ Sales Representative.



PROJECT INFORMATION	APPROVAL STAMP
Project:	Approved
Address:	Approved as noted
Contractor:	Not approved
Engineer:	Remarks:
Submittal Date:	
Notes 1:	
Notes 2:	

## Eccentric Reducer Fig. R-2



### R-2 Eccentric Reducer

Nominal Size	End to End	Approx. Wt. Ea.	Nominal Size	End to End	Approx. Wt. Ea.	Nominal Size	End to End	Approx. Wt. Ea.
In./DN(mm)	In./mm	Lbs./kg	In./DN(mm)	In./mm	Lbs./kg	In./DN(mm)	In./mm	Lbs./kg
1¼ x 1 32 x 25	8½ 216	1.3 0.7	3 x 2 80 x 50	9½ 241	2.4 1.1	5 x 1½ 125 x 40	11 279	4.8 2.2
1½ x 1 40 x 25	9 229	1.3 0.6	3 x 2½ 80 x 65	9½ 241	5.5 2.5	5 x 3 125 x 80	11 279	4.8 2.2
1½ x 1¼ 40 x 32	9 229	1.3 0.6	4 x 1 100 x 25	10 254	3.2 1.5	5 x 4 125 x 100	11 279	4.8 2.2
2 x 1 50 x 25	9 229	1.0 0.5	4 x 1¼ 100 x 32	10 254	3.2 1.5	6 x 1 150 x 25	— —	6.0 2.7
2 x 1¼ 50 x 32	9 229	1.0 0.5	4 x 1½ 100 x 40	10 254	3.2 1.5	6 x 1½ 150 x 40	— —	7.5 3.4
2 x 1½ 50 x 40	9 229	1.4 0.6	4 x 2 100 x 50	10 254	3.2 1.5	6 x 2 150 x 50	11½ 292	7.5 3.4
2½ x 1 65 x 25	9 229	1.5 0.7	4 x 2½ 100 x 65	10 254	3.2 1.5	6 x 2½ 150 x 65	11½ 292	7.5 3.4
2½ x 1¼ 65 x 32	9½ 241	1.5 0.7	4 x 3 (d) 100 x 80	10 254	9.7 4.4	6 x 3 150 x 80	11½ 292	7.5 3.4
2½ x 1½ 65 x 40	9½ 241	1.5 0.7	5 x 1 125 x 25	— —	4.8 2.2	6 x 4 (d) 150 x 100	11½ 292	7.5 3.4
2½ x 2 65 x 50	9½ 241	1.5 0.7	5 x 1½ 125 x 40	11 279	4.8 2.2	6 x 5 150 x 125	11½ 292	7.5 3.4
3 x 1 80 x 25	9½ 241	2.4 1.1	5 x 1 125 x 25	— —	4.8 2.2	8 x 1½ 200 x 40	— —	9.1 4.1
3 x 1¼ 80 x 32	9½ 241	2.4 1.1	5 x 1½ 125 x 40	11 279	4.8 2.2	8 x 2 200 x 50	12 305	9.1 4.1
3 x 1½ 80 x 40	9½ 241	2.4 1.1	5 x 1 125 x 25	— —	4.8 2.2	8 x 2½ 200 x 65	12 305	9.1 4.1

**Notes:**

(d) = Ductile Iron all others are fabricated.



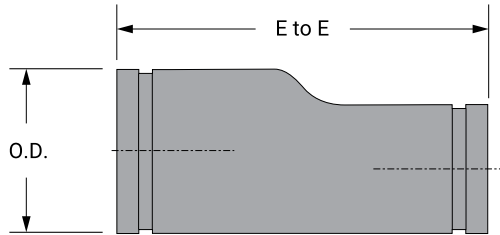
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## Eccentric Reducer

**Fig. R-2**

(continued)



### R-2 Eccentric Reducer

Nominal Size	End to End	Approx. Wt. Ea.	Nominal Size	End to End	Approx. Wt. Ea.
In./DN(mm)	In./mm	Lbs./kg	In./DN(mm)	In./mm	Lbs./kg
8 x 3 200 x 80	12 305	9.1 4.1	10 x 8 250 x 200	13 330	16.4 7.4
8 x 4 200 x 100	12 305	9.1 4.1	12 x 1 300 x 25	— —	19.0 8.6
8 x 5 200 x 125	12 305	9.1 4.1	12 x 2 300 x 50	— —	19.0 8.6
8 x 6 200 x 150	12 305	9.1 4.1	12 x 2½ 300 x 65	— —	19.0 8.6
10 x 1½ 250 x 40	— —	16.4 7.4	12 x 3 300 x 80	— —	19.0 8.6
10 x 2 250 x 50	— —	16.4 7.4	12 x 4 300 x 100	14 356	19.0 8.6
10 x 2½ 250 x 65	— —	16.4 7.4	12 x 5 300 x 125	14 356	19.0 8.6
10 x 3 250 x 80	— —	16.4 7.4	12 x 6 300 x 150	14 356	19.0 8.6
10 x 4 250 x 100	13 330	16.4 7.4	12 x 8 300 x 200	14 356	19.0 8.6
10 x 5 250 x 125	13 330	16.4 7.4	12 x 10 300 x 250	14 356	19.0 8.6
10 x 6 250 x 150	13 330	16.4 7.4			

**Notes:**

(d) = Ductile Iron all others are fabricated.

### O.D. Chart

Nominal Size	O.D.	Nominal Size	O.D.
In./DN(mm)	In./mm	In./DN(mm)	In./mm
1 25	1.315 33.4	4 100	4.500 114.3
1¼ 32	1.660 42.2	5 125	5.563 141.3
1½ 40	1.900 48.3	6 150	6.625 168.3
2 50	2.375 60.3	8 200	8.625 219.1
2½ 65	2.875 73.0	10 250	10.750 273.1
3 80	3.500 88.9	12 300	12.750 323.9
3½ 90	4.000 101.6		



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