

7150 CONCENTRIC / 7151 ECCENTRIC REDUCER



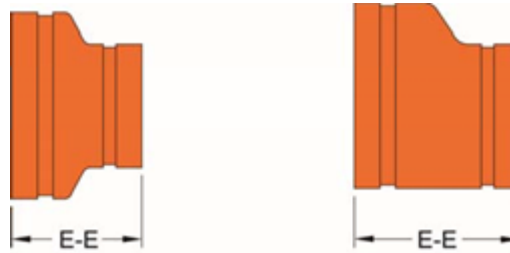
For pressure rating, listing, and approval information, refer to data sheet or visit SHURJOINT website www.shurjoint.com for details or contact your SHURJOINT representatives.

Shurjoint grooved-end reducers are made of ductile iron per ASTM A536 Gr. 65-45-12. dimensions are manufacturer's standard.

Shurjoint standard fitting pressure ratings conform to the ratings of Model 7707 couplings.

material specification

- **Fitting Body:**
Ductile Iron castings to ASTM A536, Gr. 65-45-12, min. tensile strength 65,000 psi (448 MPa).
- **Surface Finish:**
Orange color painted or red RAL3000 color painted.
 - Hot dip galvanized (optional).
 - Epoxy coated in red RAL3000 or other colors (optional).



7150 Concentric Reducer 7151 Eccentric Reducer

Model 7150 Concentric Reducer / 7151 Eccentric Reducer

Nominal Size	Pipe O.D.	7150 Concentric Reducer		7151 Eccentric Reducer	
		E-E	Weight	E-E	Weight
		in	lbs	in	lbs
mm	mm	mm	kg	mm	kg
1¼ x 1	1.660 x 1.315	2.50	0.4	---	---
32 x 25	42.2 x 33.4	64	0.2	---	---
1½ x 1	1.900 x 1.315	2.50	0.5	---	---
40 x 25	48.3 x 33.4	64	0.2	---	---
1½ x 1¼	1.900 x 1.660	2.50	0.6	---	---
40 x 32	48.3 x 42.2	64	0.3	---	---
2 x 1	2.375 x 1.315	2.50	0.9	---	---
50 x 25	60.3 x 33.4	64	0.4	---	---
2 x 1¼	2.375 x 1.660	2.50	0.7	---	---
50 x 32	60.3 x 42.2	64	0.3	---	---
2 x 1½	2.375 x 1.900	2.50	0.8	---	---
50 x 40	60.3 x 48.3	64	0.4	---	---
2½ x 2	2.875 x 2.375	2.50	1.1	3.50	1.4
65 x 50	73.0 x 60.3	64	0.5	89	0.7
76.1 x 50	3.000 x 2.375	2.50	1.1	3.50	1.6
	76.1 x 60.3	64	0.5	89	0.7
3 x 1	3.500 x 1.315	2.50	1.3	---	---
80 x 25	88.9 x 33.4	64	0.6	---	---
3 x 1¼	3.500 x 1.660	2.50	1.3	---	---
80 x 32	88.9 x 42.2	64	0.6	---	---
3 x 1½	3.500 x 1.900	2.50	1.3	---	---
80 x 40	88.9 x 48.3	64	0.6	---	---
3 x 2	3.500 x 2.375	2.50	1.3	3.50	2.2
80 x 50	88.9 x 60.3	64	0.6	89	1.0
3 x 2½	3.500 x 2.875	2.50	1.3	3.50	2.2
80 x 65	88.9 x 73.0	64	0.6	89	1.0
80 x 76.1	3.500 x 3.000	2.50	1.3	3.50	2.2
	88.9 x 76.1	64	0.6	89	1.0
4 x 2	4.500 x 2.375	3.00	2.0	4.00	2.8
100 x 50	114.3 x 60.3	76	0.9	102	1.3

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Rev.20220615

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		E-E	Weight	E-E	Weight
		in	lbs	in	lbs
mm	mm	mm	kg	mm	kg
4 x 2½	4.500 x 2.875	3.00	2.2	4.00	3.3
100 x 65	114.3 x 73.0	76	1.0	102	1.5
100 x 76.1	4.500 x 3.000	3.00	2.3	4.00	3.3
	114.3 x 76.1	76	1.0	102	1.5
4 x 3	4.500 x 3.500	3.00	2.2	4.00	2.9
100 x 80	114.3 x 88.9	76	1.0	102	1.3
5 x 4	5.563 x 4.500	3.50	3.6	4.00	6.2
125 x 100	141.3 x 114.3	89	1.6	102	2.8
6 x 2	6.625 x 2.375	4.00	4.2	4.00	4.4
150 x 50	168.3 x 60.3	102	1.9	102	2.0
6 x 2½	6.625 x 2.875	4.00	4.4	---	---
150 x 65	168.3 x 73.0	102	2.0	---	---
6 x 3	6.625 x 3.500	4.00	4.4	4.00	7.8
150 x 80	168.3 x 88.9	102	2.0	102	3.5
6 x 4	6.625 x 4.500	4.00	4.6	4.00	5.8
150 x 100	168.3 x 114.3	102	2.1	102	2.7
6 x 5	6.625 x 5.563	4.00	5.5	4.00	9.9
150 x 125	168.3 x 141.3	102	2.5	102	4.5
165.1 x 50	6.500 x 2.375	4.00	4.2	4.00	4.4
	165.1 x 60.3	102	1.9	102	2.0
165.1 x 76.1	6.500 x 3.000	4.00	4.2	---	---
	165.3 x 76.1	102	1.9	---	---
165.1 x 80	6.500 x 3.500	4.00	4.4	4.00	7.7
	165.1 x 88.9	102	2.0	102	3.5
165.1 x 100	6.500 x 4.500	4.00	4.6	4.00	5.8
	165.1 x 114.3	102	2.1	102	2.7
165.1 x 139.7	6.500 x 5.500	4.00	5.5	4.00	9.9
	165.1 x 139.7	102	2.5	102	4.5
8 x 3	8.625 x 3.500	5.00	9.5	---	---
200 x 80	219.1 x 88.9	127	4.3	---	---
8 x 4	8.625 x 4.500	5.00	11.2	5.00	14.6
200 x 100	219.1 x 114.3	127	5.1	127	6.6
8 x 6	8.625 x 6.625	5.00	11.4	5.00	12.0
200 x 150	219.1 x 168.3	127	5.2	127	5.5
10 x 4	10.750 x 4.500	6.00	19.8	6.00	26.4
250 x 100	273.0 x 114.3	152	9.0	152	12.0

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		E-E	Weight	E-E	Weight
		in	lbs	in	lbs
mm	mm	mm	kg	mm	kg
10 x 6	10.750 x 6.625	6.00	19.8	6.00	25.3
250 x 150	273.0 x 168.3	152	9.0	152	11.5
10 x 8	10.750 x 8.625	6.00	20.9	7.00	26.8
250 x 200	273.0 x 219.1	152	9.5	178	12.2
12 x 6	12.750 x 6.625	7.00	30.9	7.00	39.7
300x150	323.9 x 168.3	178	14.0	178	18.0
12 x 8	12.750 x 8.625	7.00	30.9	7.00	40.8
300 x 200	323.9 x 219.1	178	14.0	178	18.5
12 x 10	12.750 x 10.750	7.00	30.1	7.00	44.1
300 x 250	323.9 x 273.0	178	13.7	178	20.0

General note

- *Pressure Ratings* for fittings conform to the working pressure of the coupling used to join the system.
- Field Joint Test: For one time only, the system may be tested hydrostatically at 1½ times the maximum working pressure listed (AWWA C606 5.2.3).
- Warning: Piping systems must always be depressurized and drained before attempting disassembly and or removal of any components.
- The 10 Year Limited Warranty applies to manufacturing defects only and does not cover severe service/temperature applications or wear parts.
- Shurjoint reserves the right to change specifications, designs and or standard without notice and without incurring any obligations.