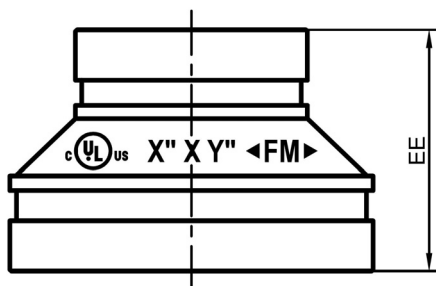


## CR1 - Concentric Reducer (Grooved-Grooved)

- ◆ Material: ASTM A536 Gr. 65-45-12
- ◆ Cut groove dimension according: ANSI/AWWA C606
- ◆ Max. Work Pressure: 300psi (2.07MPa)
- ◆ Finish: Epoxy Coatings in RAL3000 red, available with hot dipped galvanized finish or orange painted.



Hot dipped galvanized

Orange painted

### Dimension

| Nominal Size<br>DN / NPS | Pipe O.D<br>mm / in      | EE<br>mm / in | Weight<br>kg / lbs |
|--------------------------|--------------------------|---------------|--------------------|
| 32×25<br>1 1/4"×1"       | 42.2×33.4<br>1.660×1.315 | 64<br>2.52    | 0.33<br>0.73       |
| 40×25<br>1 1/2"×1"       | 48.3×33.4<br>1.900×1.315 | 64<br>2.52    | 0.34<br>0.75       |
| 40×32<br>1 1/2"×1 1/4"   | 48.3×42.2<br>1.900×1.660 | 64<br>2.52    | 0.37<br>0.82       |
| 50×25<br>2"×1"           | 60.3×33.4<br>2.375×1.315 | 64<br>2.52    | 0.4<br>0.88        |
| 50×32<br>2"×1 1/4"       | 60.3×42.2<br>2.375×1.660 | 64<br>2.52    | 0.45<br>0.99       |
| 50×40<br>2"×1 1/2"       | 60.3×48.3<br>2.375×1.900 | 64<br>2.52    | 0.45<br>0.99       |
| 65×25<br>2 1/2"×1"       | 73.0×33.4<br>2.875×1.315 | 64<br>2.52    | 0.5<br>1.10        |
| 65×32<br>2 1/2"×1 1/4"   | 73.0×42.2<br>2.875×1.660 | 64<br>2.52    | 0.5<br>1.10        |
| 65×40<br>2 1/2"×1 1/2"   | 73.0×48.3<br>2.875×1.900 | 64<br>2.52    | 0.5<br>1.10        |
| 65×50<br>2 1/2"×2"       | 73.0×60.3<br>2.875×2.375 | 64<br>2.52    | 0.55<br>1.21       |
| 65×25<br>3"O.D×1"        | 76.1×33.4<br>3.000×1.315 | 64<br>2.52    | 0.5<br>1.10        |
| 65×32<br>3"O.D×1 1/4"    | 76.1×42.2<br>3.000×1.660 | 64<br>2.52    | 0.5<br>1.10        |
| 65×40<br>3"O.D×1 1/2"    | 76.1×48.3<br>3.000×1.900 | 64<br>2.52    | 0.5<br>1.10        |
| 65×50<br>3"O.D×2"        | 76.1×60.3<br>3.000×2.375 | 64<br>2.52    | 0.55<br>1.21       |

| Nominal Size<br>DN / NPS | Pipe O.D<br>mm / in        | EE<br>mm / in | Weight<br>kg / lbs |
|--------------------------|----------------------------|---------------|--------------------|
| 80×25<br>3"×1"           | 88.9×33.4<br>3.500×1.315   | 64<br>2.52    | 0.7<br>1.54        |
| 80×32<br>3"×1 1/4"       | 88.9×42.2<br>3.500×1.660   | 64<br>2.52    | 0.7<br>1.54        |
| 80×40<br>3"×1 1/2"       | 88.9×48.3<br>3.500×1.900   | 64<br>2.52    | 0.7<br>1.54        |
| 80×50<br>3"×2"           | 88.9×60.3<br>3.500×2.375   | 64<br>2.52    | 0.75<br>1.65       |
| 80×65<br>3"×2 1/2"       | 88.9×73.0<br>3.500×2.875   | 64<br>2.52    | 0.8<br>1.76        |
| 80×65<br>3"×3"O.D        | 88.9×76.1<br>3.500×3.000   | 64<br>2.52    | 0.8<br>1.76        |
| 100×25<br>4"×1"          | 114.3×33.4<br>4.500×1.315  | 76<br>2.99    | 0.9<br>1.98        |
| 100×32<br>4"×1 1/4"      | 114.3×42.2<br>4.500×1.660  | 76<br>2.99    | 1.1<br>2.43        |
| 100×40<br>4"×1 1/2"      | 114.3×48.3<br>4.500×1.900  | 76<br>2.99    | 1.1<br>2.43        |
| 100×50<br>4"×2"          | 114.3×60.3<br>4.500×2.375  | 76<br>2.99    | 1.1<br>2.43        |
| 100×65<br>4"×2 1/2"      | 114.3×73.0<br>4.500×2.875  | 76<br>2.99    | 1.15<br>2.54       |
| 100×65<br>4"×3"O.D       | 114.3×76.1<br>4.500×3.000  | 76<br>2.99    | 1.15<br>2.54       |
| 100×80<br>4"×3"          | 114.3×88.9<br>4.500×3.500  | 76<br>2.99    | 1.2<br>2.65        |
| 125×100<br>5 1/2"O.D×4"  | 139.7×114.3<br>5.500×4.500 | 89<br>3.50    | 1.55<br>3.42       |
| 125×100<br>5"×4"         | 141.3×114.3<br>5.563×4.500 | 89<br>3.50    | 1.55<br>3.42       |

## Dimension

continued

| Nominal Size<br>DN / NPS                                              | Pipe O.D<br>mm / in | EE<br>mm / in | Weight<br>kg / lbs |
|-----------------------------------------------------------------------|---------------------|---------------|--------------------|
| 150×50                                                                | 165.1×60.3          | 102           | 1.9                |
| 6 <sup>1</sup> / <sub>2</sub> "O.D×2"                                 | 6.500×2.375         | 4.02          | 4.19               |
| 150×65                                                                | 165.1×76.1          | 102           | 1.95               |
| 6 <sup>1</sup> / <sub>2</sub> "O.D×3"O.D                              | 6.500×3.00          | 4.02          | 4.30               |
| 150×80                                                                | 165.1×88.9          | 102           | 2.0                |
| 6 <sup>1</sup> / <sub>2</sub> "O.D×3"                                 | 6.500×3.500         | 4.02          | 4.41               |
| 150×100                                                               | 165.1×114.3         | 102           | 2.1                |
| 6 <sup>1</sup> / <sub>2</sub> "O.D×4"                                 | 6.500×4.500         | 4.02          | 4.63               |
| 150×125                                                               | 165.1×139.7         | 102           | 2.3                |
| 6 <sup>1</sup> / <sub>2</sub> "O.D×5 <sup>1</sup> / <sub>2</sub> "O.D | 6.500×5.500         | 4.02          | 5.07               |
| 150×50                                                                | 168.5×60.3          | 102           | 1.9                |
| 6"×2"                                                                 | 6.625×2.375         | 4.02          | 4.19               |
| 150×65                                                                | 168.5×73.0          | 102           | 1.95               |
| 6"×2 <sup>1</sup> / <sub>2</sub> "                                    | 6.625×2.875         | 4.02          | 4.30               |
| 150×80                                                                | 168.5×88.9          | 102           | 2.0                |
| 6"×3"                                                                 | 6.625×3.500         | 4.02          | 4.41               |
| 150×100                                                               | 168.5×114.3         | 102           | 2.1                |
| 6"×4"                                                                 | 6.625×4.500         | 4.02          | 4.63               |
| 150×125                                                               | 168.5×141.3         | 102           | 2.3                |
| 6"×5"                                                                 | 6.625×5.563         | 4.02          | 5.07               |
| 200×100                                                               | 219.1×114.3         | 127           | 4.1                |
| 8"×4"                                                                 | 8.625×4.500         | 5.00          | 9.04               |
| 200×150                                                               | 219.1×165.1         | 127           | 4.4                |
| 8"×6 <sup>1</sup> / <sub>2</sub> "O.D                                 | 8.625×6.500         | 5.00          | 9.70               |
| 200×150                                                               | 219.1×168.3         | 127           | 4.4                |
| 8"×6"                                                                 | 8.625×6.625         | 5.00          | 9.70               |
| 250×100                                                               | 273.0×114.3         | 152           | 6.9                |
| 10"×4"                                                                | 10.750×4.500        | 5.98          | 15.21              |
| 250×150                                                               | 273.0×165.1         | 152           | 7.2                |
| 10"×6 <sup>1</sup> / <sub>2</sub> "O.D                                | 10.750×6.500        | 5.98          | 15.88              |
| 250×150                                                               | 273.0×168.3         | 152           | 7.2                |
| 10"×6"                                                                | 10.750×6.625        | 5.98          | 15.88              |
| 250×200                                                               | 273.0×219.1         | 152           | 7.9                |
| 10"×8"                                                                | 10.750×8.625        | 5.98          | 17.42              |
| 300×150                                                               | 323.9×165.1         | 178           | 10.9               |
| 12"×6 <sup>1</sup> / <sub>2</sub> "O.D                                | 12.750×6.500        | 7.01          | 24.03              |
| 300×150                                                               | 323.9×168.3         | 178           | 10.9               |
| 12"×6"                                                                | 12.750×6.625        | 7.01          | 24.03              |
| 300×200                                                               | 323.9×219.1         | 178           | 11.7               |
| 12"×8"                                                                | 12.750×8.625        | 7.01          | 25.80              |
| 300×250                                                               | 323.9×273.0         | 178           | 12.5               |
| 12"×10"                                                               | 12.750×10.750       | 7.01          | 27.56              |