

# RB Series Threaded Rigid Conduit and IMC Reducers

Explosionproof, Dust-Ignitionproof

## NEC/CEC:

RB75-50 thru RB200-150 all materials:  
Class I, Division 1 and 2, Groups A, B, C, D  
Class I, Zone 1 and 2, Groups IIA, IIB, IIC  
Class II, Division 1 and 2, Groups E, F, G  
Class III

## NEC/CEC:

RB-200-100 thru RB400-350:  
Class I, Division 1 and 2, Groups B, C, D  
Class I, Zone 1 and 2, Groups IIA, IIB + H<sub>2</sub>  
Class II, Division 1 and 2, Groups E, F, G  
Class III

## Applications

- RB reducing bushings are designed to reduce conduit entries to a smaller size and are used in threaded rigid and IMC conduit systems.

## Features

- Smooth rounded integral bushing protects conductor insulation
- Full machine tapered threads (NPT)

## Standard Materials

- Steel, malleable iron or copperfree (4/10 of 1% max.) aluminum

## Standard Finish

- Steel: zinc electroplate
- Malleable iron: zinc electroplate, chromate and epoxy powder coat
- Aluminum: natural



## NEC/CEC Compliances and Certifications

- UL Standard: 886 (1203)
- UL Listed: E34997
- CSA Standard: C22.2 No. 25, C22.2 No. 30
- CSA Certified: 065181

## Options

- Urethane paint available. Add suffix **-UP** to catalog number.

| Size (Inches)                             | Weight Per 100 kg (lb) | Catalog Number |
|-------------------------------------------|------------------------|----------------|
| <b>Reducing Bushings — Steel</b>          |                        |                |
| 1/2 — 1/8                                 | 0.7 (1.50)             | RB50-13 ①②     |
| 1/2 — 1/4                                 | 0.9 (2.00)             | RB50-25 ①②     |
| 1/2 — 3/8                                 | 1.2 (2.70)             | RB50-38 ①②     |
| 3/4 — 1/2                                 | 2.7 (6.00)             | RB75-50 ②      |
| 1 — 1/2                                   | 6.3 (13.80)            | RB100-50 ②     |
| 1 — 3/4                                   | 3.6 (8.00)             | RB100-75 ②     |
| 1-1/4 — 1/2                               | 13.2 (29.00)           | RB125-50       |
| 1-1/4 — 3/4                               | 10.4 (23.00)           | RB125-75       |
| 1-1/4 — 1                                 | 7.7 (17.00)            | RB125-100      |
| 1-1/2 — 1/2                               | 17.7 (39.00)           | RB150-50       |
| 1-1/2 — 3/4                               | 15.9 (35.00)           | RB150-75       |
| 1-1/2 — 1                                 | 14.1 (31.00)           | RB150-100      |
| 1-1/2 — 1-1/4                             | 17.5 (16.50)           | RB150-125      |
| 2 — 1/2                                   | 30.8 (68.00)           | RB200-50       |
| 2 — 3/4                                   | 29.0 (64.00)           | RB200-75       |
| 2 — 1                                     | 25.9 (57.00)           | RB200-100      |
| 2 — 1-1/4                                 | 20.4 (45.00)           | RB200-125      |
| 2 — 1-1/2                                 | 17.2 (38.00)           | RB200-150      |
| <b>Reducing Bushings — Malleable Iron</b> |                        |                |
| 2-1/2 — 1                                 | 34.0 (75.00)           | RB250-100      |
| 2-1/2 — 1-1/4                             | 35.4 (78.00)           | RB250-125      |
| 2-1/2 — 1-1/2                             | 37.2 (82.00)           | RB250-150      |
| 2-1/2 — 2                                 | 25.4 (56.00)           | RB250-200      |
| 3 — 1                                     | 59.0 (130.00)          | RB300-100      |
| 3 — 1-1/4                                 | 61.2 (135.00)          | RB300-125      |
| 3 — 1-1/2                                 | 64.4 (142.00)          | RB300-150      |
| 3 — 2                                     | 57.2 (126.00)          | RB300-200      |
| 3 — 2-1/2                                 | 37.6 (83.00)           | RB300-250      |
| 3-1/2 — 2                                 | 70.3 (155.00)          | RB350-200      |
| 3-1/2 — 2-1/2                             | 74.4 (164.00)          | RB350-250      |
| 3-1/2 — 3                                 | 41.7 (92.00)           | RB350-300      |
| 4 — 2                                     | 74.8 (165.00)          | RB400-200      |
| 4 — 2-1/2                                 | 65.8 (245.00)          | RB400-250      |
| 4 — 3                                     | 78.9 (174.00)          | RB400-300      |
| 4 — 3-1/2                                 | 48.1 (106.00)          | RB400-350      |
| 5 — 3-1/2                                 | 81.6 (180.00)          | RB500-350 ③    |
| 5 — 4                                     | 86.2 (190.00)          | RB500-400 ③    |
| 6 — 4                                     | 87.1 (192.00)          | RB600-400 ③    |
| 6 — 5                                     | 88.5 (195.00)          | RB600-500 ③    |

| Size (Inches)                       | Weight Per 100 kg (lb) | Catalog Number |
|-------------------------------------|------------------------|----------------|
| <b>Reducing Bushings — Aluminum</b> |                        |                |
| 1/2 — 1/8                           | 0.20 (0.50)            | RB50-13A ①③    |
| 1/2 — 1/4                           | 0.30 (0.70)            | RB50-25A ①③    |
| 1/2 — 3/8                           | 0.40 (0.90)            | RB50-38A ①③    |
| 3/4 — 1/2                           | 1.00 (2.30)            | RB75-50A ③     |
| 1 — 1/2                             | 3.10 (6.80)            | RB100-50A ③    |
| 1 — 3/4                             | 1.60 (3.50)            | RB100-75A ③    |
| 1-1/4 — 1/2                         | 4.20 (9.20)            | RB125-50A      |
| 1-1/4 — 3/4                         | 3.30 (7.30)            | RB125-75A      |
| 1-1/4 — 1                           | 2.70 (6.00)            | RB125-100A     |
| 1-1/2 — 1/2                         | 6.40 (14.20)           | RB150-50A      |
| 1-1/2 — 3/4                         | 5.80 (12.80)           | RB150-75A      |
| 1-1/2 — 1                           | 5.40 (12.00)           | RB150-100A     |
| 1-1/2 — 1-1/4                       | 2.90 (6.50)            | RB150-125A     |
| 2 — 1/2                             | 13.20 (29.00)          | RB200-50A      |
| 2 — 3/4                             | 12.00 (26.50)          | RB200-75A      |
| 2 — 1                               | 10.70 (23.60)          | RB200-100A     |
| 2 — 1-1/4                           | 8.50 (18.70)           | RB200-125A     |
| 2 — 1-1/2                           | 7.30 (16.00)           | RB200-150A     |
| 2-1/2 — 1                           | 12.20 (27.00)          | RB250-100A     |
| 2-1/2 — 1-1/4                       | 12.7 (28.10)           | RB250-125A     |
| 2-1/2 — 1-1/2                       | 37.2 (82.00)           | RB250-150A     |
| 2-1/2 — 2                           | 9.1 (20.00)            | RB250-200A     |
| 3 — 1                               | 21.2 (46.80)           | RB300-100A     |
| 3 — 1-1/4                           | 22.0 (48.60)           | RB300-125A     |
| 3 — 1-1/2                           | 23.2 (51.10)           | RB300-150A     |
| 3 — 2                               | 23.1 (51.00)           | RB300-200A     |
| 3 — 2-1/2                           | 15.9 (35.00)           | RB300-250A     |
| 3-1/2 — 2                           | 25.3 (55.80)           | RB350-200A     |
| 3-1/2 — 2-1/2                       | 26.0 (57.40)           | RB350-250A     |
| 3-1/2 — 3                           | 19.1 (42.00)           | RB350-300A     |
| 4 — 2                               | 26.9 (59.40)           | RB400-200A     |
| 4 — 2-1/2                           | 27.6 (60.90)           | RB400-250A     |
| 4 — 3                               | 35.2 (77.50)           | RB400-300A     |
| 4 — 3-1/2                           | 22.7 (50.00)           | RB400-350A     |
| 5 — 3-1/2                           | 29.4 (64.80)           | RB500-350A ③   |
| 5 — 4                               | 31.0 (68.40)           | RB500-400A ③   |
| 6 — 4                               | 31.3 (69.10)           | RB600-400A ③   |
| 6 — 5                               | 31.8 (70.20)           | RB600-500A ③   |

① UL Recognized.

② Suitable for Class I, Group A, B, C, D, Class II Groups E, F, G, and Class III.

③ Class I, Groups C,D; Class II, Groups E,F,G; Class III.