

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 + H₂
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: E10444
- 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
Reducing Bushings – Steel		
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
Reducing Bushings – Malleable Iron		
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
Reducing Bushings – Aluminum		
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.

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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 + H₂
Class II, Division 1 and 2, Groups E, F, G
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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
Reducing Bushings – Malleable Iron		
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
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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
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