DURA-BLOK™ is made from 100% recycled rubber and qualifies for LEED credits. Reflective strips on both sides allow for easy product visibility.

Channels are through bolted on all sizes for added strength and a 1” (25.4mm) gap between blocks allows water to flow freely around longer assemblies.

Product composition is not sharp or abrasive, helping to extend the roof life and no penetration through the roof is required. The DURA-BLOK dampens vibration, needs no supplemental rubber pad, and will not float or blow away.

The DURA-BLOK is UV resistant and is suitable for any type roofing material or other flat surface. For sloped surfaces see page 289 for adjustable hinge fitting (B634).

The open ends allow for easier adjustments to DBE, DBR, and DBM series supports. A drainage channel through the center of the block keeps water from pooling under the support.

DURA-BLOK can be used to support piping, HVAC/Ducts, roof walkways, conduit and cable tray.
DURA-BLOK Rooftop Supports

**Base Only**

**Dimensions** - 4” (101mm) High x 6” (152mm) Wide x Base Length

**Material** - 100% recycled rubber, UV resistant

**Ultimate Load Capacity** - (uniform load) *

- DBP = 500 lbs. (2.22kN)
- DBM = 200 lbs. (0.89kN)

DURA-BLOK™ channel support is designed as an economical support for piping systems, cable tray, HVAC equipment and many other applications. The DURA-BLOK is UV resistant and is suitable for any type of roofing material or other flat surfaces. Material effectively accepts screw fasteners for securing accessories.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Height in. (mm)</th>
<th>Width in. (mm)</th>
<th>Length in. (mm)</th>
<th>Weight Each lbs. (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DBP</td>
<td>4” (101)</td>
<td>6” (152)</td>
<td>9.6” (244)</td>
<td>4.48 (2.03)</td>
</tr>
<tr>
<td>DBM</td>
<td>4” (101)</td>
<td>6” (152)</td>
<td>4.8” (122)</td>
<td>2.35 (1.07)</td>
</tr>
</tbody>
</table>

* For Roof Loading, Consult Roofing Manufacturer or Engineer. As with most commercial roofs, the weakest point may be the insulation board beneath the rubber membrane.

All dimensions in charts and on drawings are in inches. Dimensions shown in parentheses are in millimeters unless otherwise specified.
DURA-BLOK™ DB-Series channel support is designed for superior support of piping systems, cable tray, HVAC equipment, walkway systems and many other applications. The DURA-BLOK is UV resistant and suitable for installation on any type of roofing material or other flat surfaces. For sloped roofs see adjustable hinge fitting (B634).

### DB20

- **Height**: 5” (127)
- **Width**: 6” (152)
- **Overall Length**: 20.2” (513)
- **Weight Each**: 10.63 lbs. (4.82 kg)

### DB48

- **Height**: 5” (127)
- **Width**: 6” (152)
- **Overall Length**: 52.0” (1321)
- **Weight Each**: 26.70 lbs. (12.4 kg)

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For pipe straps/clamps, rollers and roller supports that can be used with these DURA-BLOK supports, see page 302.

* For Roof Loading, Consult Roofing Manufacturer or Engineer. As with most commercial roofs, the weakest point may be the insulation board beneath the rubber membrane.

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For pipe straps/clamps, rollers and roller supports that can be used with these DURA-BLOK supports, see page 302.

* For Roof Loading, Consult Roofing Manufacturer or Engineer. As with most commercial roofs, the weakest point may be the insulation board beneath the rubber membrane.

---

**Part No.** | **Height** | **Width** | **Overall Length** | **Weight Each**
---|---|---|---|---
DB5 | 5” (127) | 6” (152) | 4.8 (122) | 2.75 (1.25)
DB10 | 5” (127) | 6” (152) | 9.6 (244) | 5.28 (2.39)
DB20 | 5” (127) | 6” (152) | 20.2 (513) | 10.63 (4.82)
DB30 | 5” (127) | 6” (152) | 30.8 (782) | 15.99 (7.25)
DB40 | 5” (127) | 6” (152) | 41.4 (1052) | 21.34 (9.68)
DB48 | 5” (127) | 6” (152) | 52.0 (1321) | 26.70 (12.4)

---

All dimensions in charts and on drawings are in inches. Dimensions shown in parentheses are in millimeters unless otherwise specified.
DB6 - Series

Base with Galv. Channel - 27/16” (62mm) high

Dimensions - 67/16” (163mm) High x 6” (152mm) Wide x Length (overall length)

Material - 100% recycled rubber, UV resistant

Ultimate Load Capacity - (uniform load) *

- DB610 = 500 lbs. (2.22kN)
- DB620 = 1,000 lbs. (4.45kN)
- DB630 = 1,500 lbs. (6.67kN)
- DB640 = 2,000 lbs. (8.89kN)
- DB648 = 2,500 lbs. (22.12kN)

DURA-BLOK™ DB6-Series channel support is designed for superior support of piping systems, cable tray, HVAC equipment, walkway systems and many other applications. The DURA-BLOK is UV resistant and suitable for installation on any type of roofing material or other flat surfaces. For sloped roofs see adjustable hinge fitting (B634).

For Roof Loading, Consult Roofing Manufacturer or Engineer. As with most commercial roofs, the weakest point may be the insulation board beneath the rubber membrane.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Height in. (mm)</th>
<th>Width in. (mm)</th>
<th>Overall Length in. (mm)</th>
<th>Weight Each lbs. (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DB610</td>
<td>67/16&quot; (167)</td>
<td>6&quot; (152)</td>
<td>9.6&quot; (244)</td>
<td>6.36 (2.88)</td>
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<tr>
<td>DB620</td>
<td>67/16&quot; (167)</td>
<td>6&quot; (152)</td>
<td>20.2&quot; (513)</td>
<td>12.90 (5.85)</td>
</tr>
<tr>
<td>DB630</td>
<td>67/16&quot; (167)</td>
<td>6&quot; (152)</td>
<td>30.8&quot; (782)</td>
<td>19.45 (8.82)</td>
</tr>
<tr>
<td>DB640</td>
<td>67/16&quot; (167)</td>
<td>6&quot; (152)</td>
<td>41.4&quot; (1052)</td>
<td>26.00 (11.79)</td>
</tr>
<tr>
<td>DB648</td>
<td>67/16&quot; (167)</td>
<td>6&quot; (152)</td>
<td>52.0&quot; (1321)</td>
<td>32.55 (14.76)</td>
</tr>
</tbody>
</table>

For pipe straps/clamps, rollers and roller supports that can be used with these DURA-BLOK supports, see page 302.
DURA-BLOK Rooftop Supports

DB10 - Series

Two (2) Bases with Galv. Channel - 1 5/8" (41mm) high
Dimensions - 5 5/8" (143mm) High x 6" (152mm) Wide x Length (overall length)
Material - 100% recycled rubber, UV resistant
Ultimate Load Capacity - 1,000 lbs. (4.45kN) (uniform load) *

DURA-BLOK™ DB10-Series channel support is designed for superior support of piping systems, cable tray, HVAC equipment, walkway systems and many other applications. The DURA-BLOK is UV resistant and suitable for installation on any type of roofing material or other flat surfaces.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Height</th>
<th>Width</th>
<th>Individual Base Length</th>
<th>Bridge Length</th>
<th>Weight Each</th>
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<tbody>
<tr>
<td></td>
<td>in. (mm)</td>
<td>in. (mm)</td>
<td>in. (mm)</td>
<td>in. (mm)</td>
<td>lbs. (kg)</td>
</tr>
<tr>
<td>DB10-28</td>
<td>5 5/8&quot; (143)</td>
<td>6&quot; (152)</td>
<td>9.6&quot; (244)</td>
<td>28&quot; (711)</td>
<td>13.16 (5.97)</td>
</tr>
<tr>
<td>DB10-36</td>
<td>5 5/8&quot; (143)</td>
<td>6&quot; (152)</td>
<td>9.6&quot; (244)</td>
<td>36&quot; (914)</td>
<td>14.36 (6.51)</td>
</tr>
<tr>
<td>DB10-42</td>
<td>5 5/8&quot; (143)</td>
<td>6&quot; (152)</td>
<td>9.6&quot; (244)</td>
<td>42&quot; (1067)</td>
<td>15.52 (7.04)</td>
</tr>
<tr>
<td>DB10-50</td>
<td>5 5/8&quot; (143)</td>
<td>6&quot; (152)</td>
<td>9.6&quot; (244)</td>
<td>50&quot; (1270)</td>
<td>16.45 (7.46)</td>
</tr>
<tr>
<td>DB10-60</td>
<td>5 5/8&quot; (143)</td>
<td>6&quot; (152)</td>
<td>9.6&quot; (244)</td>
<td>60&quot; (1524)</td>
<td>17.94 (8.14)</td>
</tr>
</tbody>
</table>

For pipe straps/clamps, rollers and roller supports that can be used with these DURA-BLOK supports, see page 302.

* For Roof Loading, Consult Roofing Manufacturer or Engineer. As with most commercial roofs, the weakest point may be the insulation board beneath the rubber membrane.

For pipe straps/clamps, rollers and roller supports that can be used with these DURA-BLOK supports, see page 302.

* For Roof Loading, Consult Roofing Manufacturer or Engineer. As with most commercial roofs, the weakest point may be the insulation board beneath the rubber membrane.

All dimensions in charts and on drawings are in inches. Dimensions shown in parentheses are in millimeters unless otherwise specified.
### DURA-BLOK Rooftop Supports

**DBM - Series**

Base with one (1) 3/8"-16 Electro Zinc All Threaded Rod and Hinged Pipe Clamp

**Dimensions** - Height to Pipe Center x 6" (152mm) Wide x 4.8" (122mm) Long (overall length)

**Material** - 100% recycled rubber, UV resistant

**Pipe Clamp Material** - Malleable Iron

Pipe Sizes - Electro Plated

Copper Tubing Sizes - Dura Copper™

**Threaded Rod/Hardware** - Electro Plated Steel

**Ultimate Load Capacity** - 50 lbs. (0.22kN) (uniform load) *

DURA-BLOK™ DBM-Series pipe/tubing support is designed for support of single piping systems where elevation adjustment is needed. The DURA-BLOK is UV resistant and suitable for installation on any type of roofing material or other flat surfaces.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Height (Minimum) *</th>
<th>Height (Maximum) **</th>
<th>Width</th>
<th>Length</th>
</tr>
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<tr>
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<td>in. (mm)</td>
<td>in. (mm)</td>
<td>in. (mm)</td>
</tr>
<tr>
<td>DBM-1/2CT</td>
<td>9.69&quot; (246)</td>
<td>11.19&quot; (284)</td>
<td>6&quot; (152)</td>
<td>4.80&quot; (122)</td>
</tr>
<tr>
<td>DBM-3/4CT</td>
<td>9.84&quot; (250)</td>
<td>11.34&quot; (288)</td>
<td>6&quot; (152)</td>
<td>4.80&quot; (122)</td>
</tr>
<tr>
<td>DBM-1CT</td>
<td>9.95&quot; (253)</td>
<td>11.45&quot; (291)</td>
<td>6&quot; (152)</td>
<td>4.80&quot; (122)</td>
</tr>
<tr>
<td>DBM-1 1/4CT</td>
<td>10.13&quot; (257)</td>
<td>11.63&quot; (295)</td>
<td>6&quot; (152)</td>
<td>4.80&quot; (122)</td>
</tr>
<tr>
<td>DBM-1 1/2CT</td>
<td>10.28&quot; (261)</td>
<td>11.78&quot; (299)</td>
<td>6&quot; (152)</td>
<td>4.80&quot; (122)</td>
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<tr>
<td>DBM-2CT</td>
<td>10.53&quot; (267)</td>
<td>12.03&quot; (305)</td>
<td>6&quot; (152)</td>
<td>4.80&quot; (122)</td>
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<tr>
<td>DBM-1 1/2</td>
<td>9.86&quot; (250)</td>
<td>11.36&quot; (288)</td>
<td>6&quot; (152)</td>
<td>4.80&quot; (122)</td>
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<tr>
<td>DBM-3/4</td>
<td>10.06&quot; (255)</td>
<td>11.56&quot; (293)</td>
<td>6&quot; (152)</td>
<td>4.80&quot; (122)</td>
</tr>
<tr>
<td>DBM-1</td>
<td>10.14&quot; (257)</td>
<td>11.64&quot; (296)</td>
<td>6&quot; (152)</td>
<td>4.80&quot; (122)</td>
</tr>
<tr>
<td>DBM-1 1/4</td>
<td>10.25&quot; (260)</td>
<td>11.75&quot; (298)</td>
<td>6&quot; (152)</td>
<td>4.80&quot; (122)</td>
</tr>
<tr>
<td>DBM-1 1/2</td>
<td>10.42&quot; (265)</td>
<td>11.92&quot; (303)</td>
<td>6&quot; (152)</td>
<td>4.80&quot; (122)</td>
</tr>
<tr>
<td>DBM-2</td>
<td>10.66&quot; (271)</td>
<td>12.16&quot; (309)</td>
<td>6&quot; (152)</td>
<td>4.80&quot; (122)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Clamp Part No. †</th>
<th>Weight Each</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>lbs. (kg)</td>
</tr>
<tr>
<td>DBM-1/2CT</td>
<td>B3198HCT-1/2</td>
<td>2.75 (1.25)</td>
</tr>
<tr>
<td>DBM-3/4CT</td>
<td>B3198HCT-3/4</td>
<td>2.76 (1.25)</td>
</tr>
<tr>
<td>DBM-1CT</td>
<td>B3198HCT-1</td>
<td>2.84 (1.29)</td>
</tr>
<tr>
<td>DBM-1 1/4CT</td>
<td>B3198HCT-1/4</td>
<td>2.95 (1.34)</td>
</tr>
<tr>
<td>DBM-1 1/2CT</td>
<td>B3198HCT-1/2</td>
<td>2.96 (1.34)</td>
</tr>
<tr>
<td>DBM-2CT</td>
<td>B3198HCT-2</td>
<td>3.03 (1.37)</td>
</tr>
<tr>
<td>DBM-1 1/2</td>
<td>B3198H-1/2</td>
<td>2.78 (1.26)</td>
</tr>
<tr>
<td>DBM-3/4</td>
<td>B3198H-3/4</td>
<td>2.84 (1.29)</td>
</tr>
<tr>
<td>DBM-1</td>
<td>B3198H-1</td>
<td>2.86 (1.30)</td>
</tr>
<tr>
<td>DBM-1 1/4</td>
<td>B3198H-1/4</td>
<td>2.93 (1.33)</td>
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<tr>
<td>DBM-1 1/2</td>
<td>B3198H-1/2</td>
<td>2.99 (1.36)</td>
</tr>
<tr>
<td>DBM-2</td>
<td>B3198H-2</td>
<td>3.10 (1.41)</td>
</tr>
</tbody>
</table>

† See Pipe Hanger Catalog for dimensions and specifications.  ** From bottom of rubber block to center of pipe/tubing.

* For Roof Loading, Consult Roofing Manufacturer or Engineer. As with most commercial roofs, the weakest point may be the insulation board beneath the rubber membrane.

---

All dimensions in charts and on drawings are in inches. Dimensions shown in parentheses are in millimeters unless otherwise specified.

B-Line series Pipe Hangers & Supports 297

Eaton
DURA-BLOK Rooftop Supports

DB_DS - Series

Two (2) Base Supports with Galv. Channel - 1\(\frac{5}{8}''\) (41mm) high
Riser Channels (SH Style) - 1\(\frac{5}{8}''\) (41mm) x 1\(\frac{5}{8}''\) (41mm)
Fittings & Hardware - Electro-Plated Steel
Dimensions - Height (overall) x Width (overall) x Length (overall)
Material - 100% recycled rubber, UV resistant
Ultimate Load Capacity - 1,000 lbs. (4.45kN) (uniform load) *

DURA-BLOK™ DB_DS-Series channel support with risers is designed for superior support of piping systems, cable tray, HVAC equipment, walkway systems and many other applications. The DURA-BLOK is UV resistant and suitable for installation on any type of roofing material or other flat surfaces.

For pipe straps/clamps, rollers and roller supports that can be used with these DURA-BLOK supports, see page 302.

* For Roof Loading, Consult Roofing Manufacturer or Engineer. As with most commercial roofs, the weakest point may be the insulation board beneath the rubber membrane.
### DURA-BLOK Rooftop Supports

#### DB__DS - Series cont.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Height (overall)</th>
<th>Width (overall)</th>
<th>Length (overall)</th>
<th>Weight Each</th>
</tr>
</thead>
<tbody>
<tr>
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<td>in. (mm)</td>
<td>in. (mm)</td>
<td>in. (mm)</td>
<td>lbs. (kg)</td>
</tr>
<tr>
<td>DB2318DS</td>
<td>23” (584)</td>
<td>20.75” (527)</td>
<td>13.50” (343)</td>
<td>33.31 (15.11)</td>
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<tr>
<td>DB2918DS</td>
<td>29” (736)</td>
<td>26.75” (679)</td>
<td>13.50” (343)</td>
<td>35.00 (15.88)</td>
</tr>
<tr>
<td>DB4118DS</td>
<td>41” (1041)</td>
<td>38.75” (984)</td>
<td>13.50” (343)</td>
<td>38.40 (17.42)</td>
</tr>
<tr>
<td>DB5318DS</td>
<td>53” (1346)</td>
<td>50.75” (1289)</td>
<td>13.50” (343)</td>
<td>41.80 (18.96)</td>
</tr>
<tr>
<td>DB2324DS</td>
<td>23” (584)</td>
<td>20.75” (527)</td>
<td>19.50” (495)</td>
<td>34.15 (15.49)</td>
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<tr>
<td>DB2924DS</td>
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<td>26.75” (679)</td>
<td>19.50” (495)</td>
<td>35.84 (16.26)</td>
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<td>38.75” (984)</td>
<td>19.50” (495)</td>
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<td>DB5324DS</td>
<td>53” (1346)</td>
<td>50.75” (1289)</td>
<td>19.50” (495)</td>
<td>42.65 (20.11)</td>
</tr>
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<td>DB2948DS</td>
<td>29” (736)</td>
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<td>43.50” (1105)</td>
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<td>53” (1346)</td>
<td>50.75” (1289)</td>
<td>43.50” (1105)</td>
<td>46.03 (20.88)</td>
</tr>
</tbody>
</table>

**A** = Adjustable height from bottom of DURA-BLOK™ to top of horizontal channel.

**B** = Space between fittings that support horizontal channel.

**Height (overall)** = Distance from bottom of DURA-BLOK to top of upright channel.

**Width (overall)** = Distance from outside-to-outside of DURA-BLOK supports.

**Length (overall)** = Distance from end-to-end of DURA-BLOK supports.

All dimensions in charts and on drawings are in inches. Dimensions shown in parentheses are in millimeters unless otherwise specified.

B-Line series Pipe Hangers & Supports

Eaton
DURA-BLOK™ DBR-Series support is designed to support pipe where longitudinal movement is expected. The DURA-BLOK is UV resistant and approved for installation on any type of roofing material or other flat surfaces.

### DBR - Series (Fixed Height)

**Base with Galv. Channel - 1” (25.4mm) high and Pipe Roller Assembly**

**Dimensions** - Height to Bottom of Pipe x 6” (152mm) Wide x Long (overall length)

**Material** - 100% recycled rubber, UV resistant

**Pipe Roller Material** - Cast Iron - Electro Plated

**Brackets, Axle, & Hardware** - Electro Plated Steel

**Ultimate Load Capacity** - (uniform load) *

- DBR2-3½ = 500 lbs. (2.22kN)
- DBR4-6 = 500 lbs. (2.22kN)
- DBR8-10 = 1000 lbs. (4.44kN)
- DBR12-14 = 1000 lbs. (4.44kN)
- DBR16-20 = 1000 lbs. (4.44kN)

DURA-BLOK™ DBR-Series support is designed to support pipe where longitudinal movement is expected. The DURA-BLOK is UV resistant and approved for installation on any type of roofing material or other flat surfaces.

<table>
<thead>
<tr>
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<th>Height **</th>
<th>Width</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<td>in. (mm)</td>
<td>in. (mm)</td>
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<td>9.6” (244)</td>
</tr>
<tr>
<td>DBR8-10</td>
<td>8.34” (212)</td>
<td>6” (152)</td>
<td>20.2” (513)</td>
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<tr>
<td>DBR12-14</td>
<td>9.38” (238)</td>
<td>6” (152)</td>
<td>20.2” (513)</td>
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<tr>
<td>DBR16-20</td>
<td>9.78” (248)</td>
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<thead>
<tr>
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<th>Roller Part No. †</th>
<th>Weight Each</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>lbs. (kg)</td>
</tr>
<tr>
<td>DBR2-3½</td>
<td>B3126-2 to 3½</td>
<td>5.28 (2.39)</td>
</tr>
<tr>
<td>DBR4-6</td>
<td>B3126-4 to 6</td>
<td>10.63 (4.82)</td>
</tr>
<tr>
<td>DBR8-10</td>
<td>B3126-8 to 10</td>
<td>15.99 (7.25)</td>
</tr>
<tr>
<td>DBR12-14</td>
<td>B3126-12 to 14</td>
<td>21.34 (9.68)</td>
</tr>
<tr>
<td>DBR16-20</td>
<td>B3126-16 to 20</td>
<td>26.70 (12.11)</td>
</tr>
</tbody>
</table>

† See Pipe Hanger Catalog for dimensions and specifications.  ** From bottom of rubber block to bottom of pipe/tubing.

* For Roof Loading, Consult Roofing Manufacturer or Engineer. As with most commercial roofs, the weakest point may be the insulation board beneath the rubber membrane.
**DURA-BLOK Rooftop Supports**

**DBE - Series**

Base with two (2) 1/2”-13 Electro Zinc All Threaded Rod Risers and a B3114-31/2 Pipe Roll with Sockets

Dimensions - Overall Height 12” (305mm) from bottom of base to pipe contact point on roller.
Base - 4” High (101mm) x 6” (152mm) Wide x 9.6” (244mm) Length (base length)
Material - 100% recycled rubber, UV resistant
Pipe Roll & Sockets - For up to 31/2” (90mm) pipe sizes.
Ultimate Load Capacity - 200 lbs. (0.89kN) *

(During increase load capacity use CLDP10 load distribution plate.)

DURA-BLOK™ DBE-Series support is designed as a support of piping systems, cable tray, HVAC equipment and many other applications where elevation adjustment is critical. The DURA-BLOK is UV resistant and approved for installation on any type of roofing material or other flat surfaces.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Adjustable Height</th>
<th>Width</th>
<th>Channel Length</th>
<th>Weight Each</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>in. (mm)</td>
<td>in. (mm)</td>
<td>in. (mm)</td>
<td>lbs. (kg)</td>
</tr>
<tr>
<td>DBE10-8</td>
<td>51/2” - 8” (140 - 203)</td>
<td>6” (152)</td>
<td>9.35” (238)</td>
<td>5.68 (2.58)</td>
</tr>
<tr>
<td>DBE10-12</td>
<td>51/2” - 12” (140 - 305)</td>
<td>6” (152)</td>
<td>9.35” (238)</td>
<td>5.72 (2.59)</td>
</tr>
<tr>
<td>DBE10-16</td>
<td>51/2” - 16” (140 - 406)</td>
<td>6” (152)</td>
<td>9.35” (238)</td>
<td>5.76 (2.61)</td>
</tr>
</tbody>
</table>

**DBE - Series**

Base with two (2) 1/2”-13 Electro Zinc All Threaded Rod Risers and Galv. Channel - 1” (25mm) high

Dimensions - Overall Height as Specified
Base - 4” High (101mm) x 6” (152mm) Wide x 9.6” (244mm) Length (base length)
Material - 100% recycled rubber, UV resistant
Ultimate Load Capacity - 200 lbs. (0.89kN) * (To increase load capacity use CLDP10 load distribution plate.)

DURA-BLOK™ DBE-Series channel support is designed as a support of piping systems, cable tray, HVAC equipment and many other applications where elevation adjustment is critical. The DURA-BLOK is UV resistant and approved for installation on any type of roofing material or other flat surfaces.

For pipe straps/clamps, rollers and roller supports that can be used with these DURA-BLOK supports, see page 269.

**For Roof Loading, Consult Roofing Manufacturer or Engineer. As with most commercial roofs, the weakest point may be the insulation board beneath the rubber membrane.**

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All dimensions in charts and on drawings are in inches. Dimensions shown in parentheses are in millimeters unless otherwise specified.

B-Line series Pipe Hangers & Supports
DURA-BLOK Rooftop Supports

CLDP10 - Load Distribution Plate

Steel Plate with Slots
Dimensions - 1\(\frac{3}{8}\)" (41mm) Wide x 6\(\frac{1}{2}\)" (65mm) Long
Material - 11 Ga. steel (3.0mm)

Increases ultimate uniform load capacity on DBE & DBR Series supports to 500 lbs. (2.22kN)

DURA-BLOK™ CLDP10 load bearing stabilizer plate increases load ratings for DBE Series and DBR Series supports by allowing the load from the threaded rods to be distributed over the length of the base instead of the point load where the rods attach to the base.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Adjustable Height in. (mm)</th>
<th>Width in. (mm)</th>
<th>Length in. (mm)</th>
<th>Weight Each lbs. (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CLDP10</td>
<td>11 Ga. (3.05)</td>
<td>1(\frac{3}{8})&quot; (41)</td>
<td>9(\frac{1}{2})&quot; (241)</td>
<td>0.53 (0.24)</td>
</tr>
</tbody>
</table>

Compatible Components Available to make DURA-BLOK bases more versatile

Above rollers can be mounted on DB Series, DB6 Series, and DB10 Series units.

All dimensions in charts and on drawings are in inches. Dimensions shown in parentheses are in millimeters unless otherwise specified.
Rooftop Support Specification

SECTION 07720
ROOFTOP SUPPORT SYSTEMS
(Applicable to Section 15060 (Mechanical) and Section 16070 (Electrical))

PART 1 GENERAL

1.01 SECTION INCLUDES
A. The work covered by this specification consists of furnishing all labor, equipment, materials and accessories, and performing all operations required for the correct installation of recycled rubber pipe [conduit] supports for mechanical piping [electrical conduit] systems.

1.02 REFERENCES
A. ASTM A653 G90 SS Gr. 33 - Specification for Steel Sheet, Zinc Coated (Galvanized) by the Hot Dipped Process
B. ASTM B633 - Specification for Electrodeposited Coatings of Zinc on Iron and Steel
C. ASTM C531 – Test Method for Linear Shrinkage and Coefficient of Thermal Expansion of Chemical Resistant Mortars, Grouts, Monolithic Surfaces, and Polymer Concretes
D. ASTM C642 – Test Method for Specific Gravity, Absorption, and Voids in Hardened Concrete
E. ASTM C672 – Test Methods for Scaling Resistance of Concrete Surfaces Exposed to Deicing Chemicals
F. ASTM D412 – Test Methods for Vulcanized Rubber and Thermoplastic Elastomers – Tension
G. ASTM D395 – Standard Test Methods for Rubber Property – Compression Set
I. ASTM D746 – Test Method for Brittleness Temperature of Plastics and Elastomers by Impact
J. ASTM D2240 – Test Method for Rubber Property – Durometer Hardness
K. NFPA 70 – National Electrical Code

1.03 QUALITY ASSURANCE
A. Rubber / steel pipe supports shall be manufactured under a strict quality control program assuring quality product delivered to the jobsite. Pipe supports that are damaged shall not be installed.
B. Workmanship: All pipe [conduit] supports to be installed by a qualified piping [electrical] contractor and installed in accordance with manufacturer’s recommendations.
   1. All work shall comply with all applicable federal, state, and local codes and laws having jurisdiction.
   2. All work shall conform to accepted industry and trade standards for pipe support [conduit] installations.

PART 2 PRODUCTS

2.01 ACCEPTABLE MANUFACTURERS
A. Manufacturer: Subject to compliance with these specifications, pipe support systems shall be DURA-BLOK™ design as supplied by Eaton [or engineer approved equal].

2.02 MATERIALS
A. Curb base must be made of 100% recycled rubber and polyurethane prepolymer with a uniform load capacity of 500 pounds per linear foot of support.* In addition, each base to have a reflective red stripe. (*See 3.01(C))
B. Dimensions: 6-inches wide by [4] [5.0] [6.75] inches tall by [9.6] [20.2] [30.8] [41.4] [52.0] inches long.
C. Steel frame: Steel, strut galvanized per ASTM A653 or strut galvanized per ASTM A653 for bridge series.
D. Attaching hardware: Zinc-plated threaded rod, nuts and attaching hardware per ASTM B633.
E. Any products claiming to be a similar, like, or equal must demonstrate (meet or exceed) the same physical and performance characteristics as specified below:
   1. Density: 0.52 oz/cu in  ASTM D575
   2. Durometer Hardness: 67.2A ± 1  ASTM D575
   3. Tensile Strength: 231 psi minimum  ASTM D575
   4. Compression Deformation: 5% at 70psi and 72ºF  ASTM D575
   5. Brittleness at Low Temp: -50ºF  ASTM D746
   6. Weathering: 70 hours at 120ºF  ASTM D573
      a. Hardness retained: 100% (±5%)
      b. Compressive strength: 100% (±5%)
      c. Tensile strength: 100% (±5%)
      d. Elongation retained: 100% (±5%)

2.03 TYPE OF ROOFTOP SUPPORTS
A. Rubber block supports – DURA-BLOK™ model # [DBP] [DMB] base dimensions: 6-inch wide by 4-inch tall by [3.6] [4.8]-inch length. Accessories are fastened directly into rubber material with weather resistant type 12 lag screws.
B. Continuous block channel supports – DURA-BLOK™ DB Series or DB6 Series: Dimensions 6-inch wide by [5.0] [6.5]-inch tall by [9.6] [20.2] [30.8] [41.4] [52.0]-inch length. Assembly has 1" gaps between blocks for free flow of water. Standard strut accessories can be used for attachment.
C. Bridge channel supports – DURA-BLOK™ DB10 Series; Dimensions 6-inch wide by 5 5/8 -inch tall by [28.0] [38.0] [42.0] [50.0] [60.0]-inch length. Standard strut accessories can be used for attachment.
D. Extendible height support – DURA-BLOK™ model DB10-8 [DB10-12] [DB10-16], height to suit application: 8-inch, 12-inch or 16-inch (200 pound maximum load). Base to be 9.6 inches in length or otherwise specified sizes available. Heavier loads, may require CDP load distribution plate.
E. Roller supports – DURA-BLOK™ DBR10 Series & DBR Series: DBR10 Series is sized for pipe up to 3 1/2 inches, with vertical adjustment up to 12 inches. DBR Series is sized for [2-3] [4-6] [8-10] [12-14] [16-20] inch pipe sizes.
F. Elevated single pipe supports – DURA-BLOK™ DBM Series: [Copper] or [Steel] pipe sizes [1/2] [3/4] [1] [1 1/4] [1 1/2] [2]-inch.

PART 3 EXECUTION

3.01 INSTALLATION
A. Install in accordance with manufacturer’s instructions an recommendations.
B. If gravel top roof, gravel must be removed around and under pipe support.
C. Always consult roofing manufacturer for roof membrane compression capacities. If necessary, a compatible sheet of roofing material (rubber pad) may be installed under rooftop support to disperse concentrated loads and add further membrane protection.
D. Gas pipe spacing subject to local gas authorities.
E. Use properly sized clamps to suit pipe [conduit] sizes.
**DURA-BLOK Rooftop Supports**

**GRATEWALK**
**Rooftop Walkway with Integrated DURA-BLOK™ Supports**

B-Line series GRATEWALK™ Rooftop Walkways with DURA-BLOK™ provides the optimal solution to extend the life of your roof, while providing a safe pathway to roof mounted support equipment.

**Features & Benefits of the GRATEWALK Rooftop Walkway**

- Available with slip resistant GRATE-LOCK™, helping provide a safe walkway for foot traffic on the roof.
- Easy to install, elevated design, creates an identifiable path for foot traffic helping prevent wear and tear to the roof surface.
- The cross-over design offers safe passage over existing cabling, piping, cable tray or any other interference on the rooftop.
- The self cleaning pattern allows water and dirt to easily flow through, helping make the grating an ideal walkway in all weather conditions.
- Handrail options are available
- Integrated with 100% post-consumer recycled rubber supporting LEED credit qualification.
- Provide solid support for the walkway that stays in place and replaces the need for separate rubber roof mounting pads which tend to float away.

All dimensions in charts and on drawings are in inches. Dimensions shown in parentheses are in millimeters unless otherwise specified.
GRATEWALK
Rooftop Walkway with Integrated DURA-BLOK™ Supports

The GRATEWALK™ Rooftop Walkway with Integrated DURA-BLOK™ Supports is available in a variety of configurations.

- Straight sections for long straight stretches of pathway
- Cross-over options to install over the existing cable trays, piping, and more
- Stairways over the top of existing equipment or leading up to existing equipment
- Handrail options available for additional wallway safety and support
- Platforms to provide access to rooftop mounted equipment
- Accessories available to support unique requirements

* All Items are shipped individually for field assembly.

Engineering Design Service

- Take-off and estimating
- Specification review and development
- Alternative layout designs
- Technical consultation
- Submittal drawing packages (see Figure A) including assembly instructions

Figure A

<table>
<thead>
<tr>
<th>PART</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>3-HOLE SQUARE ASSEMBLY SUPPORT</td>
</tr>
<tr>
<td>B</td>
<td>12 GA CHANNEL 1 5/8&quot; x 3 1/8&quot;</td>
</tr>
<tr>
<td>C</td>
<td>2 1/2&quot; SQUARE LOCK PLANK MIN</td>
</tr>
<tr>
<td>D</td>
<td>2 7/8&quot; SQUARE LOCK PLANK MAX</td>
</tr>
<tr>
<td>E</td>
<td>2 3/4&quot; SQUARE SINGLE</td>
</tr>
<tr>
<td>F</td>
<td>1 7/8&quot; HANGER SINGLE</td>
</tr>
<tr>
<td>G</td>
<td>4 HOLES SINGLE CONNECTOR (MIN)</td>
</tr>
<tr>
<td>H</td>
<td>4 HOLES SINGLE CONNECTOR (MAX)</td>
</tr>
</tbody>
</table>

ACCESSORIES FOR INSTALLATION

- 8/16-18 X 2" HIGH CUP
- 1/4"-20 X 2 1/2" FINS
- 1/2"-13 X 2 1/8" ANCHORS
- 1/2"-13 SPRING WASHER
- 3/8-16 X 3/8" HIGH CUP
- FLUORESCENT FIXTURE (Nu)

* ORDER PARTS BY DESCRIPTION

GENERAL NOTES:
1. RECOMMENDED TORQUE FOR THE 1/2-13 SPRING WASHER: 35 IN-LBS
2. ALL SURFACE MOUNTING HANGERS VARIES BETWEEN DURA-BLOK SUPPORTS TO BE生態1/2-13 SPRING WASHER
3. IF MOUNTING ON A SLANT, TOP SURFACE, HANGERS MUST BE PREPARED AND DURABLE SPRING WASHERS USED
4. CLEANING HANGERS ON Top OF THE HANGERS ARE DISTURBED FROM THE SURF
5. APPLICABLE TEMP FOR A 9-10 STRAIGHT SECTION OF PLUMBING IS TYPICAL
6. WEIGHT BOLT FOR DURA-BLOK AND REPLACE WITH PART "C" & PART "D" FOR THE SECOND TIE ATTACHMENT

Figure A illustrates the components and assembly process for the DURA-BLOK Rooftop Walkway system.