General Description:

The R-7903 Bike Bollard offers versatile design and functionality. Bike-locking arms are bolted internally to ensure secure storage for cyclists. Locking arms can also be used to assist in removal and transport for removable applications. R-7903 Bike Bollards are made from carbon steel with welded annular rings-and powder coated in 1 of 6 custom colors. Select from a range of mounting options: bolt-down flange, in-ground embed, fold-down and removable mountings.

For more information on bollard post installation, please visit: www.reliance-foundry.com/bollard/installation-bollards

Specifications:

- **Height:** 36" (Above Grade)
- **Base Diameter:** 4 3/8"
- **Weight:** 38 lbs (Bollard Post Full Length)
- **Material:** Steel Body w/ 316 Stainless Steel Bike Arms

Bollard Body Finish Options:

- Polyester Powdercoated
  - See Reliance Foundry’s standard color options at www.reliance-foundry.com/bollard/colors-bollards

Bike Arm Finish Options:

- R-7903 Bike Arms Polyester Powdercoated
- R-7903-RSA Bike Arms Without Powdercoating
General Description:

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Specifications:

Height: 36" (Above Grade)

Base Diameter: 4 3/8"

Weight: 38 lbs (Bollard Post Full Length)

Material: Steel Body w/ 316 Stainless Steel Bike Arms

Bollard Body Finish Options:

- Polyester Powdercoated
  
  See Reliance Foundry's standard color options at www.reliance-foundry.com/bollard/colors-bollards

Bike Arm Finish Options:

- R-7903 Bike Arms Polyester Powdercoated
- R-7903-RSA Bike Arms Without Powdercoating

Mount Options:

- Removable Receiver with Lid
  (see sheet 2 of 6)
- Removable Receiver with Chain
  (see sheet 3 of 6)
- Fixed Embedded Mount
  (see sheet 4 of 6)
- Flanged Surface Mount
  (see sheet 5 of 6)
- Fold Down Mount
  (see sheet 6 of 6)

Notes:

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- Reliance Foundry reserves the right to amend design and specifications without prior notice for product improvement.

Contractor / Installer Alert: Please give consideration to the location of the bike arm and the padlock pin when installing with a removable bike bollard receiver. It may be desirable to ensure the removable bollard receiver padlock pin is oriented in the same direction as the bike bollard arms.

Removable Receiver with Lid

* If local frost line exceeds 12" deep, provide adequate drainage by piping through concrete, connect to drain rock layer underneath

<table>
<thead>
<tr>
<th>ITEM</th>
<th>QTY</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>MATERIAL</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>R7903 Removable Bollard</td>
<td>Steel Body w/ 316 Stainless Steel Bike Arms</td>
<td>38 lbs</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>R7901R Receiver</td>
<td>Galvanized Steel w/ 316 Stainless Steel Cover</td>
<td>24 lbs</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>Padlock (Optional)</td>
<td>Choice of Brass or Stainless Steel</td>
<td>5/8 lbs</td>
<td></td>
</tr>
</tbody>
</table>

Unit 207, 6450 - 148 Street, Surrey, BC V3S 7G7, Canada
1-888-735-5680 info@reliance-foundry.com
www.reliance-foundry.com
General Description:
The R-7903 Bike Bollard offers versatile design and functionality. Bike-locking arms are bolted internally to ensure secure storage for cyclists. Locking arms can also be used to assist in removal and transport for removable applications. R-7903 Bike Bollards are made from carbon steel with welded annular rings-and powder coated in 1 of 6 custom colors. Select from a range of mounting options: bolt-down flange, in-ground embed, fold-down and removable mountings.

For more information on bollard post installation, please visit: www.reliance-foundry.com/bollard/installation-bollards

Specifications:

- Height: 36" (Above Grade)
- Base Diameter: 4 3/8"
- Weight: 38 lbs (Bollard Post Full Length)
- Material: Steel Body w/ 316 Stainless Steel Bike Arms

Bollard Body Finish Options:
- Polyester Powdercoated
  - See Reliance Foundry's standard color options at www.reliance-foundry.com/bollard/colors-bollards

Bike Arm Finish Options:
- R-7903 Bike Arms Polyester Powdercoated
- R-7903-RSA Bike Arms Without Powdercoating

Mount Options:
- Removable Receiver with Lid (see sheet 2 of 6)
- Removable Receiver with Chain (see sheet 3 of 6)
- Fixed Embedded Mount (see sheet 4 of 6)
- Flanged Surface Mount (see sheet 5 of 6)
- Fold Down Mount (see sheet 6 of 6)

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Contractor / Installer Alert:

- If local frost line exceeds 12" deep, provide adequate drainage by piping through concrete, connect to drain rock layer underneath

Embedment Details:

- New Concrete
- Drain Rock
- * If local frost line exceeds 12" deep, provide adequate drainage by piping through concrete, connect to drain rock layer underneath

Notations:

- Contractor / Installer Alert: Please give consideration to the location of the bike arm and the padlock pin when installing with a removable bike bollard receiver. It may be desirable to ensure the removable bollard receiver padlock pin is oriented in the same direction as the bike bollard arms.

Removable Receiver with Chain

<table>
<thead>
<tr>
<th>ITEM</th>
<th>QTY</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>MATERIAL</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>R7903</td>
<td>R7903 Bike Bollard Assembly</td>
<td>Steel Body w/ 316 Stainless Steel Bike Arms</td>
<td>58 lbs</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>R7902R</td>
<td>R7902R Receiver Assembly</td>
<td>Galvanized Steel, w/ 304 Stainless Steel Chain</td>
<td>16 lbs</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>Padlock (Optional)</td>
<td>Optional Padlock (Brass or Stainless Steel)</td>
<td>Choice of Brass or Stainless Steel</td>
<td>5/8 lbs</td>
</tr>
<tr>
<td>4</td>
<td>1</td>
<td>R7902RC</td>
<td>R7902RC Receiver Cover (Optional)</td>
<td>Optional R7902RC Receiver Cover</td>
<td>304 Stainless Steel</td>
</tr>
</tbody>
</table>
### General Description:

The R-7903 Bike Bollard offers versatile design and functionality. Bike-locking arms are bolted internally to ensure secure storage for cyclists. Locking arms can also be used to assist in removal and transport for removable applications. R-7903 Bike Bollards are made from carbon steel with welded annular rings and powder coated in 1 of 6 custom colors. Select from a range of mounting options: bolt-down flange, in-ground embed, fold-down and removable mountings.

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### Specifications:

- **Height**: 36" (Above Grade)
- **Base Diameter**: 4 3/8"
- **Weight**: 38 lbs (Bollard Post Full Length)
- **Material**: Steel Body w/ 316 Stainless Steel Bike Arms

### Bollard Body Finish Options:

- Polyester Powdercoated
- See Reliance Foundry's standard color options at [www.reliance-foundry.com/bollard/colors-bollards](http://www.reliance-foundry.com/bollard/colors-bollards)

### Bike Arm Finish Options:

- R-7903 Bike Arms Polyester Powdercoated
- R-7903-RSA Bike Arms Without Powdercoating

### Mount Options:

- Removable Receiver with Lid (see sheet 2 of 6)
- Removable Receiver with Chain (see sheet 3 of 6)
- Fixed Embedded Mount (see sheet 4 of 6)
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### Parts List

<table>
<thead>
<tr>
<th>ITEM</th>
<th>QTY</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>MATERIAL</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>R7903 Fixed Bollard</td>
<td>R7903 Fixed Bollard Assembly</td>
<td>Steel Body w/ 316 Stainless Steel Bike Arms</td>
<td>38 lbs</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>Polyethylene Plug 1/2&quot;</td>
<td>Polyethylene Plug 1/2&quot;</td>
<td>Polyethylene Plastic</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>Steel Rebar</td>
<td>Steel Rebar 10 mm x 7&quot;</td>
<td>Steel Epoxy Coated</td>
<td>3/8 lbs</td>
</tr>
</tbody>
</table>

**New Concrete**

**Grade**

**SECTION A-A**

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**Fixed Installation in New Concrete**

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Specifications:

- **Height:** 36" (Above Grade)
- **Base Diameter:** 4 3/8"
- **Weight:** 38 lbs (Bollard Post Full Length)
- **Material:** Steel Body w/ 316 Stainless Steel Bike Arms

**Bollard Body Finish Options:**

- Polyester Powdercoated

**Bike Arm Finish Options:**

- R-7903 Bike Arms Polyester Powdercoated
- R-7903-RSA Bike Arms Without Powdercoating

**Mount Options:**

- Removable Receiver with Lid (see sheet 2 of 6)
- Removable Receiver with Chain (see sheet 3 of 6)
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<th>ITEM</th>
<th>QTY</th>
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<th>MATERIAL</th>
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</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>R7903 Flanged Bollard</td>
<td>R7903 Flanged Bollard Assembly</td>
<td>Steel Body w/ 316 Stainless Steel Bike Arms</td>
<td>37 lbs</td>
</tr>
<tr>
<td>2</td>
<td>3</td>
<td>Button Head Bolt 1/2&quot; x 1 1/4&quot;</td>
<td>Hexagon Socket Button Head Cap Bolt 1/2&quot; x 1 1/4&quot; - requires 5/16&quot; hex key</td>
<td>Stainless Steel</td>
<td>1/8 lbs</td>
</tr>
<tr>
<td>3</td>
<td>3</td>
<td>Stainless Steel Washer 1/2&quot;</td>
<td>Stainless Steel Washer 1/2&quot; OD 1 1/4&quot; Thick .05</td>
<td>Stainless Steel</td>
<td>1/8 lbs</td>
</tr>
<tr>
<td>4</td>
<td>3</td>
<td>Drop-in Concrete Insert 1/2&quot;</td>
<td>Drop-in Concrete Insert 1/2&quot; - requires 5/8&quot; x 2&quot; hole (dia. x depth)</td>
<td>Steel Plated</td>
<td>1/8 lbs</td>
</tr>
</tbody>
</table>

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**NOT TO SCALE**

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- R-7903-RSA Bike Arms Without Powdercoating

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<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>R-7903 Fold Down Bollard</td>
<td>R7903 Fold Down Bollard Assembly</td>
<td>Steel Body w/ 316 Stainless Steel Bike Arms</td>
<td>34 lbs</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>R-7905A Fold Down Base</td>
<td>R7905A Fold Down Base Assembly</td>
<td>Steel HDG</td>
<td>15 lbs</td>
</tr>
<tr>
<td>3</td>
<td>4</td>
<td>Drop-in Concrete Insert 1/2&quot;</td>
<td>Drop-in Concrete Insert 1/2&quot; - requires 5/8&quot; x 2&quot; hole (dia. x depth)</td>
<td>Steel Plated</td>
<td>1/8 lbs</td>
</tr>
<tr>
<td>4</td>
<td>4</td>
<td>Stainless Steel Washer 1/2&quot;</td>
<td>Stainless Steel Washer 1/2&quot; OD 1 1/4&quot; Thick .05&quot;</td>
<td>Stainless Steel</td>
<td>1/8 lbs</td>
</tr>
<tr>
<td>5</td>
<td>4</td>
<td>Button Head Bolt 1/2&quot; x 1 1/4&quot;</td>
<td>Hexagon Socket Button Head Cap Bolt 1/2&quot; x 1 1/4&quot; - requires 5/16&quot; hex key</td>
<td>Stainless Steel</td>
<td>1/8 lbs</td>
</tr>
<tr>
<td>6</td>
<td>2</td>
<td>Button Head Bolt 3/8&quot; x 1&quot;</td>
<td>Hexagon Socket Button Head Cap Bolt 3/8&quot; x 1&quot; - requires 3/16&quot; hex key</td>
<td>Stainless Steel</td>
<td>1/8 lbs</td>
</tr>
<tr>
<td>7</td>
<td>2</td>
<td>O-Ring 3/8&quot;</td>
<td>Nitrile Rubber O-Ring 3/8&quot;</td>
<td>Nitrile Rubber</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>2</td>
<td>Hex Nut Nylon Lock 3/8&quot;</td>
<td>Hex Nut Nylon Lock 3/8&quot; - requires 9/16&quot; wrench</td>
<td>Steel Plated Nylon Lock</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>1</td>
<td>Padlock (Optional)</td>
<td>Optional Padlock (Brass or Stainless Steel)</td>
<td>Choice of Brass or Stainless Steel</td>
<td>5/8 lbs</td>
</tr>
</tbody>
</table>