**SELECTION GUIDE WORKSHEET**  
**BELLOWS AND COVERS**

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Company</th>
<th>Project</th>
<th>Address</th>
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Phone ____________ Fax ____________ Email ____________

Standard bellows are available for Joyce/Dayton Jacks and Actuators. If you need additional information contact Joyce/Dayton.

### Bellows Shape

- **Round**
- **Square/Rectangle**
- **Curtain**
- **C-Shape**
- **U-Shape**

### Bellows Will Be Used To Protect:

- **Machine Screw**
- **Ball Screw**
- **Guide Rods**
- **Hydraulic Cylinder Rod**
- **Pneumatic Cylinder Rod**
- **Other**
- **Slides or Ways**

### Bellows Attachment First End

#### Mounting Shape

- **Round**
- **Square/Rectangle**
- **Curtain**
- **Other**

#### Mounting Style

- **Collar**
- **Flange**

#### Collar Details

- Diameter
- Length

#### Flange Details

- I.D. Dimension
- O.D. Dimension
- Bolt Circle
- Flange Plate

### Bellows Attachment Second End

#### Mounting Shape

- **Round**
- **Square/Rectangle**
- **Curtain**
- **Other**

#### Mounting Style

- **Collar**
- **Flange**

#### Collar Details

- Diameter
- Length

#### Flange Details

- I.D. Dimension
- O.D. Dimension
- Bolt Circle
- Flange Plate

### Diameter To Be Covered

- **__________ inch**
- **__________ mm**

### Mounting Orientation

- **Vertical**
- **Horizontal**

### Extended Dimension

- **__________ inch**
- **__________ mm**

### Retracted Dimension

- **__________ inch**
- **__________ mm**

### Environmental and Other Considerations

#### Temperature

- **+______ ° F to -______ ° F**
- **+______ ° C to -______ ° C**

#### Environment

- **Dust**
- **Dirt**
- **Sand**
- **Water**
- **Oil**
- **Outdoor**
- **Wash Down**

#### Application Factors

- **Vegetable or Animal Oils, Weather, Abrasion**
- **Ozone, Acids, Vegetable or Animal Oils, Abrasion**
- **Weather, Mildew**
- **Weld Splat, Flame**
- **Most Chemicals**

### Other Options

- Tabs to stabilize long vertical bellows
- Zippered bellows for replacement or when access to machinery is limited
- Internal guides for long horizontal bellows
- Grommets for vertical or horizontal guide wires

### Design Tips

**Please include a drawing along with your worksheet submission.**

1. Design and order equipment with the bellows in mind to maximize extended travel and minimize retracted distances.
2. Allow room for the retracted bellows in your overall design. Adding bellows increases the space required.
3. Zippered bellows will increase closed dimensions, but they make bellows replacement/installation possible when machines cannot be disassembled.
Select the style of bellows or cover needed and add dimensions to the corresponding chart. The diagrams below depict the common configurations but other options are available. To order C-shaped, curtain, or platform skirt bellows, contact Joyce/Dayton or visit us online. Custom bellows are also available.

**Round Bellows**

![Round Bellows Diagram]

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Description</th>
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<tbody>
<tr>
<td>A</td>
<td>Bellows I.D.</td>
</tr>
<tr>
<td>B</td>
<td>Bellows O.D.</td>
</tr>
<tr>
<td>C</td>
<td>Extended Length</td>
</tr>
<tr>
<td>D</td>
<td>Retracted Length</td>
</tr>
<tr>
<td>E</td>
<td>Collar ID</td>
</tr>
<tr>
<td>F</td>
<td>Collar Length</td>
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**U-Shaped Way Covers**

![U-Shaped Way Cover Diagram]

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<tbody>
<tr>
<td>A</td>
<td>Bellows Inside Height</td>
</tr>
<tr>
<td>B</td>
<td>Bellows Outside Height</td>
</tr>
<tr>
<td>C</td>
<td>Extended Length</td>
</tr>
<tr>
<td>D</td>
<td>Retracted Length</td>
</tr>
<tr>
<td>E</td>
<td>Flange Inside Height</td>
</tr>
<tr>
<td>F</td>
<td>Flange Outside Width</td>
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**Square or Rectangular Bellows**

![Square or Rectangular Bellows Diagram]

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<td>F</td>
<td>Flange Inside Width</td>
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Custom products are available • Contact Joyce/Dayton with your requirements

800-523-5204  sales@joycedayton.com  joycedayton.com