### Welded Cylinders

**Male Eye Mount**

**Peninsular Sizing Chart**

**Welded Cylinders Male Eye Mount**

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**Date Submitted:** ____________  **No. of Pages:** _______

**Name:** ____________________  
**Company:** ____________________  
**Phone:** ____________________  
**Fax:** ____________________  
**Email:** ____________________

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**ABOVE:** Fill in actual Cylinder Dimensions.  **BELOW:** Check ALL applicable boxes & provide ALL INFORMATION to best describe the Cylinder

<table>
<thead>
<tr>
<th>ATHYDRAULIC CYLINDER • <strong>High Pressure with Tie Rods</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>HYDRAULIC CYLINDER • <strong>Low Pressure with Tie Rods</strong></td>
</tr>
<tr>
<td>HYDRAULIC CYLINDER • <strong>Welded Pressure without Tie Rods</strong></td>
</tr>
</tbody>
</table>

**Is the Cylinder an NFPA Cylinder?**  **Yes No**

**Is the Cylinder METRIC?**  **Yes No**

If METRIC, specify Standard: ____________________

**Port Thread Diameter:** Welded □  Threaded □  Snap Ring □  Cylinder TUBE MATERIAL: ____________________

**Cylinder END CAP MATERIAL:** ____________________

**Are PROXIMITY SWITCHES used?**  Yes □  No □

**Bore Size:** ___________  **STROKE Length:** ___________

**PISTON ROD DIAMETER:** ___________  **PISTON ROD THREADS:** Male □  Female □  Other □  (Describe): ____________________

Specify PISTON ROD THREAD DIAMETER, PITCH & LENGTH (example: 3/4” - 16 x 1.125”): ____________________

PORT THREAD TYPE: NPT □ SAE (O-Ring) □  Other (Describe) □  PORT THREAD SIZE (Specify): ____________________

Does the Cylinder have OPTIONAL CUSHION(s)?  No □  on BOTH End Caps □  FRONT END CAP Only □  REAR END CAP Only □

**Indicate Existing Cylinders MANUFACTURER & MODEL NUMBER:** ____________________

**Is a Spherical Rod Eye Required?**  Yes □  No □  (If Yes, Provide Dimensions Above)  **Are Grease Fittings Required?**  Yes □  No □

**Is a Spherical Rod Eye Required?**  Yes □  No □  (If Yes, Provide Dimensions Above)  **Are Grease Fittings Required?**  Yes □  No □

**Indicate any other Special Cylinder Features if applicable. If available, provide Sketches, Engineering Drawings and Photographs of the Cylinder. If applicable, indicate the Mode of Cylinder Failure, Harsh Environmental Factors, Electronic Positioning Devices or any other Pertinent Information regarding the existing Cylinder. For any questions, please call Peninsular Inside Sales at 1 -800-526-7968.**

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**Phone** (586) 775-7211  **Toll Free** (800) 526-7968  **Fax** (586) 775-4545  **www.peninsularcylinders.com**  **email:** sales@peninsularcylinders.com

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**ABOVE:** Fill in actual Cylinder Dimensions.  **BELOW:** Check ALL applicable boxes & provide ALL INFORMATION to best describe the Cylinder

**FRENCH END CAP**

- The PORT (Hydraulic or Air) is located on ___________
- The CUSHION ADJUSTMENT SCREW (an Optional Cylinder Feature) is located on ___________

**REAR END CAP**

- The PORT (Hydraulic or Air) is located on ___________
- The CUSHION ADJUSTMENT SCREW (an Optional Cylinder Feature) is located on ___________

**Always view the Cylinder through the Rod End from the Front End Cap side of the Cylinder**

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**ABOVE:** Fill in actual Cylinder Dimensions.  **BELOW:** Check ALL applicable boxes & provide ALL INFORMATION to best describe the Cylinder

**FRONT END CAP**

- The PORT (Hydraulic or Air) is located on ___________
- The CUSHION ADJUSTMENT SCREW (an Optional Cylinder Feature) is located on ___________

**End Cap Port / Cushion Adjustment Screw SIDE LOCATION # Diagram**

1  2  3  4

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**ALSO, FILL IN THE BELOW APPLICATION DATA SHEET**
**APPLICATION DATA SHEET**

for NON-STANDARD Air or Hydraulic Cylinders

**BELOW: Check ALL Applicable Boxes & provide ALL INFORMATION to best describe the Cylinder**

| Date Submitted: __________________________ | Type of Business: __________________________ |
| Company Name: __________________________ | Contact Name: __________________________ |
| Address: __________________________________ | Title: __________________________ |
| City: __________ State: _______ Zip: __________ | Telephone: __________ Fax: __________ |
| Country: __________________________ | Email: __________________________ |

**CHECK ONE:** Distributor [ ] End User [ ] OEM [ ] Other [ ]

**CYLINDER SPECIFICATIONS**

| AIR CYLINDER | Indicate Working Pressure: | BORE Size: ______ | STROKE Length: ______ |
| HYDRAULIC CYLINDER | MOUNTING STYLE: | PISTON ROD DIAMETER: ______ |
| If Hydraulic | Indicate Working Pressure: | PISTON ROD THREADS: | Male [ ] Female [ ] Other [ ] |
| If Hydraulic | Indicate Maximum Rated Pressure: | (describe Piston Rod Threads): | |
| If Hydraulic | Indicate Fluid Type: | |
| (necessary because some Hydraulic Fluids destroy Seals) | |
| OTHER | Describe: | |

**What is the Work Being Performed?**

Weight of Load moved: on Extend: ______ lbs. on Retract: ______ lbs. on BOTH Extend & Retract: ______ lbs.

Cylinder Cycle Rate: _______ Cycles per Minute _______ Cycles per Hour _______ Cycles per Day

Rod Speed: Extending _____ ‘/sec. Retracting _____ ‘/sec. How many days per week will this cylinder operate? _______.

**What is the Cylinder Orientation?**

Cylinder is Mounted: Vertically Rod Up Rod Down Angle Degrees: from Vertical _______ from Horizontal _______.

Is Cylinder Piston Rod or Load Guided or Supported? Yes [ ] No [ ] (if Yes, explain) _______.

Is Side Load Present? Yes [ ] No [ ] (if Yes, explain) Side Load Weight: _______ lbs.

**What are the Environmental Conditions that the Cylinder is Subjected to?**

What is the present Cylinder Type & Model Number if applicable? _______.

Temperature at the Cylinder (if applicable) is _______ Degrees F. Is the temperature constant? Yes [ ] No [ ]

What is the variable temperature range (if applicable)? from: _______ Minimum Degrees F to _______ Maximum Degrees F.

Cylinder Environment conditions: Corrosive Chemicals present Abrasives present Water present Outdoors Other (please explain): _______.

**What is the Application or Special Requirements?**

Are there any optional features applicable to this cylinder? Yes [ ] No [ ] (if Yes, please explain) _______.

What industry is the cylinder used in? _______.

What type of machine is the cylinder used on? _______.

What is the present problem/failure mode? _______.

Is a Cylinder ACCESSORY Required? (ex. a Rod Clevis) : No [ ] Yes [ ] (Indicate the type of Accessory _______ & provide Dimensions on Page 10)

Describe Application and/or Draw a Sketch of the Cylinder Within the Application. Draw any Special Features Contained on this Cylinder (attach drawing if necessary) _______.

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