Peninsular Sizing Chart

Cap Fixed Eye
MP3 Mount

Date Submitted: __________________  No. of Pages ________
Name:   __________________________________________
Company:  _______________________________________
Fax:       _______________________________________
Phone:  _______________________________________
Email:   _______________________________________

Above: Fill in actual Cylinder Dimensions. Below: Check ALL applicable boxes & provide ALL INFORMATION to best describe the Cylinder

AIR CYLINDER - Indicate Working Pressure: __________
HYDRAULIC CYLINDER - High Pressure with Tie Rods
HYDRAULIC CYLINDER - Low Pressure with Tie Rods
HYDRAULIC CYLINDER - Welded Type without Tie Rods
If Hydraulic - Indicate Working Pressure: __________
If Hydraulic - Indicate Maximum Rated Pressure: __________
If Hydraulic - Indicate Fluid Type: ______________________
Is the Cylinder an NFPA Cylinder?   Yes No
Is the Cylinder METRIC? Yes No
If METRIC, specify Standard: ______________________
Does the Cylinder have TIE RODS?   Yes No
End Cap STYLE: 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)? Yes □ No □ on BOTH End Caps □ FRONT END CAP Only □ REAR END CAP Only □
Indicate Existing Cylinders MANUFACTURER & MODEL NUMBER: ______________________
Is a Cylinder ACCESSORY Required? (ex. a Rod Clevis) Yes □ No □ (Indicate Accessory type & provide Dimensions) ______________________
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.

End Cap Port / Cushion Adjustment Screw SIDE LOCATION # Diagram

FRONT END CAP
- The PORT (Hydraulic or Air) is located on SIDE LOCATION #s: ______________________
- The CUSHION ADJUSTMENT SCREW (an Optional Cylinder Feature) is located on SIDE LOCATION #s: ______________________

REAR END CAP
- The PORT (Hydraulic or Air) is located on SIDE LOCATION #s: ______________________
- The CUSHION ADJUSTMENT SCREW (an Optional Cylinder Feature) is located on SIDE LOCATION #s: ______________________

ALSO, FILL IN THE BELOW APPLICATION DATA SHEET

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

REV. 2/10/2010
**APPLICATION DATA SHEET**

for NON-STANDARD Air or Hydraulic Cylinders

- PRINT this APPLICATION DATA SHEET
- PRINT the SIZING CHART for the cylinder you need
- FILL IN the Required Information on BOTH PAGES
- FAX BOTH PAGES to Peninsular at (586) 775-4545

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

<table>
<thead>
<tr>
<th>Date Submitted: __________________________</th>
<th>Type of Business: __________________________</th>
</tr>
</thead>
<tbody>
<tr>
<td>Company Name: __________________________________</td>
<td>Contact Name: ____________________________</td>
</tr>
<tr>
<td>Address: ___________________________________</td>
<td>Title: ____________________________</td>
</tr>
<tr>
<td>City: __________ State: _______ Zip: __________</td>
<td>Telephone: __________ Fax: __________</td>
</tr>
<tr>
<td>Country: __________________________</td>
<td>Email: __________________________</td>
</tr>
<tr>
<td>CHECK ONE: Distributor □ End User □ OEM □ Other □</td>
<td></td>
</tr>
</tbody>
</table>

**CYLINDER SPECIFICATIONS**

- AIR CYLINDER - Indicate Working Pressure: __________
- HYDRAULIC CYLINDER
  - If Hydraulic - Indicate Working Pressure: __________
  - If Hydraulic - Indicate Maximum Rated Pressure: __________
  - If Hydraulic - Indicate Fluid Type: __________
  - (necessary because some Hydraulic Fluids destroy Seals)
- OTHER - Describe: __________________________

<table>
<thead>
<tr>
<th>BORE Size: __________</th>
<th>STROKE Length: __________</th>
</tr>
</thead>
<tbody>
<tr>
<td>MOUNTING STYLE: __________</td>
<td>PISTON ROD DIAMETER: __________</td>
</tr>
<tr>
<td>PISTON ROD THREADS: Male □ Female □ Other □</td>
<td></td>
</tr>
<tr>
<td>(describe Piston Rod Threads): __________</td>
<td></td>
</tr>
<tr>
<td>Does the Cylinder have CUSHION(s)? Yes □ No □</td>
<td></td>
</tr>
<tr>
<td>If Yes: FRONT END CAP □ REAR END CAP □</td>
<td></td>
</tr>
</tbody>
</table>

**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?**

- 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) __________________________