Peninsular Sizing Chart

Cap Trunnion

MT2 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)? 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): No ☐ Yes ☐ (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.

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

REV. 2/10/2010

ALSO, FILL IN THE BELOW APPLICATION DATA SHEET
**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

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<th>Date Submitted:</th>
<th>Type of Business:</th>
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<th>End User</th>
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<th>Other</th>
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**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: ___________

- BORE Size: ___________
- STROKE Length: ___________
- MOUNTING STYLE: ___________
- PISTON ROD DIAMETER: ___________
- PISTON ROD THREADS: Male ☐ Female ☐ Other ☐
  (describe Piston Rod Threads): ___________
- Does the Cylinder have CUSHION(s)? Yes ☐ No ☐
  If Yes: FRONT END CAP ☐ REAR END CAP ☐

**What is the Work Being Performed?**

<table>
<thead>
<tr>
<th>Weight of Load moved:</th>
<th>Cylinder Cycle Rate:</th>
<th>Rod Speed:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cycles per Hour: ___________</td>
<td>Cycles per Day: ___________</td>
<td>How many days per week will this cylinder operate? ___________</td>
</tr>
</tbody>
</table>

**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) ___________