Peninsular Sizing Chart

Intermediate Trunnion

MT4 Mount

Date Submitted: ______________ No. of Pages ________
Name: __________________________________________
Company: _______________________________________
Phone: _______________________________________
Fax: _______________________________________
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.peninsularcyinders.com • email: sales@peninsularcyinders.com

REV. 2/10/2010

ALSO, FILL IN THE BELOW APPLICATION DATA SHEET

Print this Blank Template Page
Print the APPLICATION DATA SHEET (SCROLL DOWN)
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

| 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

<table>
<thead>
<tr>
<th>Item</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>BORE Size:</td>
<td></td>
</tr>
<tr>
<td>STROKE Length:</td>
<td></td>
</tr>
<tr>
<td>MOUNTING STYLE:</td>
<td></td>
</tr>
<tr>
<td>PISTON ROD DIAMETER:</td>
<td></td>
</tr>
<tr>
<td>PISTON ROD THREADS:</td>
<td>Male ☐  Female ☐  Other ☐ (describe PISTON ROD Threads):</td>
</tr>
<tr>
<td>Other ☐ (describe if necessary):</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: Extending ________ Cycles per Hour Retracting ________ 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, 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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