Peninsular Sizing Chart

Head Trunnion
MT1 Mount

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

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**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 ☐ | Website: __________________________________ |

### 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?

- **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: _________

### 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*

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*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)*