Peninsular Sizing Chart

Welded Cylinders
Spherical Eye 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: ___________

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 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.

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
| 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** - Describes: __________________________

### What is the Work Being Performed?

- Weight of Load moved on **Extend**: _______ lbs. on **Retract**: _______ lbs. on **BOTH Extend & Retract**: _______ lbs.
- Cylinder Cycle Rate: **Extend**: _______ Cycles per Minute **Retract**: _______ Cycles per Hour **BOTH**: _______ 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)*