Peninsular Sizing Chart

Centerline Lugs

MS3 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) __________

Reference the diagram below, Indicate the SIDE LOCATION # for PORTS and/or Optional CUSHION ADJUSTMENT SCREWS for both the FRONT & REAR End Caps.

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): ________

Always view the Cylinder through the Rod End from the Front End Cap side of the Cylinder.

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

**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

- 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):* ___________ |

### 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 Minute Retracting ______ 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)* ___________

---

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

REV. 2/10/2010 SF-14-R02