Peninsular Sizing Chart
No Mount - Single Rod
MXO Mount
(SKETCH YOUR OWN DESIGN)

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 Pressure 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.
**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>
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<th>Type of Business:</th>
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<td>Distributor ☐ End User ☐ OEM ☐ Other ☐</td>
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**CYLINDER SPECIFICATIONS**

| 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: Extending _________ Cycles per Minute 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, 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) ________________________________