Peninsular Sizing Chart

Cap Fixed Clevis

MP1 Mount

Please fill in actual Cylinder Dimensions:

AFTER: 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

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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 □ Website: ________________________________

CYLINDER SPECIFICATIONS

☐ AIR CYLINDER - Indicate Working Pressure: __________________________

☐ HYDRAULIC CYLINDER

Yes No

☐ 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: _____________________________________________

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) __________________________________________________________________________

What is the Work Being Performed?

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) Yes No (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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