Peninsular Sizing Chart

Head Square Flange
MF5 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)? Yes ☐ 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.

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: __________

End Cap Port / CUSHION ADJUSTMENT Screw SIDE LOCATION # Diagram

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

Print this Blank Template Page
Print the APPLICATION DATA SHEET (SCROLL DOWN)
FILL IN the Required Information on BOTH PAGES
FAX BOTH PAGES to Peninsular at (586) 775-4545

Date Submitted: __________ No. of Pages __________
Name: ____________
Company: ____________
Phone: ____________
Fax: ____________
Email: ____________

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

REV. 2/10/2010
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: __________________________________________

City: __________ State: _______ Zip: __________

Country: __________________________

CHECK ONE: Distributor ☐ End User ☐ OEM ☐ Other ☐

Email: __________________________

CHECK ONE:

☐ 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: __________________________

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 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, 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) __________________________