Peninsular Mill Type Cylinder Sizing Chart

Head Circular Flange
MF3 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
- HYDRAULIC CYLINDER - Low Pressure

If Hydraulic - Indicate Working Pressure:
If Hydraulic - Indicate Maximum Rated Pressure:
If Hydraulic - Indicate Fluid Type:

Is the Cylinder an “INCH” Cylinder? Yes □ No □
Is the Cylinder METRIC? Yes □ No □
If METRIC, specify Standard:

SAFETY FACTOR Required:
End Cap STYLE: Welded □ Threaded □ Snap Ring □
Cylinder TUBE MATERIAL:
Cylinder END CAP MATERIAL:
Are GREASE FITTINGS Required? 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) □ SAE Four Bolt Flange □ PORT THREAD SIZE (Specify):

Does the Cylinder have OPTIONAL CUSHION(s)? No □ on BOTH End Caps □ the FRONT END CAP Only □ the REAR END CAP Only □

Indicate Existing Cylinders MANUFACTURER & MODEL NUMBER:

Is a Cylinder ACCESSORY Required? (ex. a Rod Clevis) : No □ Yes □ (Indicate the type of Accessory & provide Dimensions on Page 10)

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.

Date Submitted: ______________ No. of Pages _______
Name: _______________________
Company: _____________________
Phone: ________________________
Fax: __________________________
Email: _________________________

Peninsular Mill Type Cylinder Sizing Chart

Front End Cap
- The PORT (Hydraulic or Air) is located on FRONT End Cap SIDE LOCATION #:
- The CUSHION ADJUSTMENT SCREW (an Optional Feature) is located on FRONT End Cap SIDE LOCATION #:

REAR End Cap
- The PORT (Hydraulic or Air) is located on REAR End Cap SIDE LOCATION #:
- The CUSHION ADJUSTMENT SCREW (an Optional Feature) is located on REAR End Cap SIDE LOCATION #:

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

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

ALSO, FILL IN THE BELOW APPLICATION DATA SHEET
**APPLICATION DATA SHEET**

for Peninsular Mill Type 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**

| 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 - Describe: __________________________

- 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: _______ 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, 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) __________________________