Peninsular Mill Type Cylinder Sizing Chart

Cap Circular Flange
MF4 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)

Referencing 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 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
## 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

<table>
<thead>
<tr>
<th>Date Submitted:</th>
<th>Type of Business:</th>
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**Company Name:** ___________________________________________

**Address:** _______________________________________________

**City:** ____________ **State:** _______ **Zip:** ___________

**Country:** __________________________

**Contact Name:** __________________________________________

**Telephone:** _____________ **Fax:** ______________

**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: ______________

<table>
<thead>
<tr>
<th>BORE Size:</th>
<th>STROKE Length:</th>
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<tbody>
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<th>MOUNTING STYLE:</th>
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<tr>
<th>PISTON ROD THREADS:</th>
<th>Male ☐</th>
<th>Female ☐</th>
<th>Other ☐</th>
</tr>
</thead>
</table>

**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:** _____________ lbs.
- **Cylinder Cycle Rate:** Extend: _____________ Cycles per Minute
  Retract: _____________ Cycles per Hour
  BOTH Extend & Retract: _____________ 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 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) ______________

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

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