



**PENINSULAR
CYLINDER CO.**

APPLICATION DATA SHEET

for NON-STANDARD Air or Hydraulic Cylinders

- COPY this APPLICATION DATA SHEET
- FILL IN the Required Information on BOTH PAGES
- COPY the SIZING CHART for the cylinder you need
- 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: _____ BORE Size: _____ STROKE Length: _____
 HYDRAULIC CYLINDER MOUNTING STYLE: _____
 If Hydraulic - Indicate Working Pressure: _____ PISTON ROD DIAMETER: _____
 If Hydraulic - Indicate Maximum Rated Pressure: _____ PISTON ROD THREADS: Male Female Other
 If Hydraulic - Indicate Fluid Type: _____ (describe Piston Rod Threads): _____
 (necessary because some Hydraulic Fluids destroy Seals)
 Does the Cylinder have CUSHION(s)? Yes No
 OTHER - Describe: _____ 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?

What is the present Cylinder Type & Model Number if applicable? _____
 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)**
