



**PENINSULAR
CYLINDER CO.**

APPLICATION DATA SHEET

for NON-STANDARD Air or Hydraulic Cylinders

- PRINT this APPLICATION DATA SHEET
- FILL IN the Required Information on BOTH PAGES
- PRINT 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 <input type="checkbox"/> End User <input type="checkbox"/> OEM <input type="checkbox"/> Other <input type="checkbox"/>		Website: _____	

CYLINDER SPECIFICATIONS			
<input type="checkbox"/> AIR CYLINDER - Indicate <u>Working Pressure</u> : _____	BORE Size: _____ STROKE Length: _____		
<input type="checkbox"/> HYDRAULIC CYLINDER	MOUNTING STYLE: _____		
If Hydraulic - Indicate <u>Working Pressure</u> : _____	PISTON ROD DIAMETER: _____		
If Hydraulic - Indicate <u>Maximum Rated Pressure</u> : _____	PISTON ROD THREADS: Male <input type="checkbox"/> Female <input type="checkbox"/> Other <input type="checkbox"/>		
If Hydraulic - Indicate <u>Fluid Type</u> : _____	(describe Piston Rod Threads): _____		
(necessary because some Hydraulic Fluids destroy Seals)	Does the Cylinder have CUSHION(s)? Yes <input type="checkbox"/> No <input type="checkbox"/>		
<input type="checkbox"/> OTHER - Describe: _____	If Yes: FRONT END CAP <input type="checkbox"/> REAR END CAP <input type="checkbox"/>		

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 <input type="checkbox"/> Yes <input type="checkbox"/> (indicate the type of Accessory _____ & provide Dimensions on Page 10)
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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)