Peninsular Sizing Chart

Cap Detachable Eye

MP4 Mount

Date Submitted: __________________  No. of Pages ________

Name:   __________________________________________
Company:  _______________________________________
Fax:       _______________________________________
Phone:  _______________________________________

Email:   _______________________________________

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)? 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 Port / Cushion Adjustment Screw SIDE LOCATION # Diagram

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

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REV. 2/10/2010

ALSO, FILL IN THE BELOW APPLICATION DATA SHEET
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: __________________________

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: __________________________

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  Retracting _________ 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) __________________________