

Custom Cylinder Data Sheet



Please provide us as much information as possible to help us generate the most efficient and economical design. Any drawings, sketches, or pictures of the application or existing cylinder may be emailed to sales@crcmfg.com or faxed to (251) 947-5203. To speak with a sales engineer, please call us at (251) 947-5200.



Step 1 (Specify General Dimensions on Page 2)

_____ x _____ x _____ (Inches or mm)
Bore Stroke Rod Diameter

Quantity Required: _____ Date Required: _____

Max Design Pressure _____ (PSI/BAR)

Operating Pressure _____ (PSI/BAR)

Describe Cylinder Application: _____ Mill Duty

Operating Conditions/Temperature: _____ Design Safety Factor: _____

Retracted Length/Envelope Dimensions: _____

Extend Force: _____ Retract Force: _____

Fluid Type: _____ Low Friction (Servo) Design: Yes No

Ports, Cushions, & Air Bleeds (Use Page 2) Valves or Manifolds Required: Yes No

Finish Coating/Paint: _____ (Standard Red Oxide Primer)

Step 2 (Specify Mounting Dimensions on Page 2)

Mounting Style: _____ Cap Style: Welded Bolted

Mounting Orientation: Horizontal Vertical Angle of Travel: _____

Extend/Retract Speed: _____ / _____ (Ft/Sec) Cycles Per Day: _____

Step 3 (Specify Rod & Rod End Dimensions on Page 2)

Rod End Style: _____ Rod Material: _____

Anticipated Side Load: _____

Head Style: Internal Thread External Thread Bolted

Contact Information:

Name: _____ Company: _____

Phone: _____ Email: _____

Address: _____ Fax: _____

City: _____ State: _____ Zip: _____

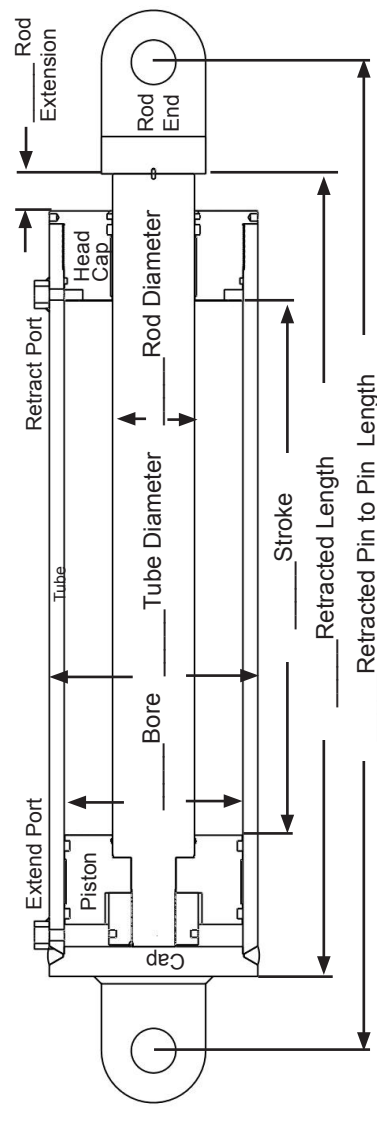
Custom Cylinder Data Sheet, Page 2

Please follow steps 1 through 3 to specify mounting, rod end styles and dimensions.

Step 1

General Dimensions

Please fill in all applicable spaces and supply dimensions



Extend Port : _____ Size _____ Type _____ Location _____ Retract Port: _____ Size _____ Type _____ Location _____
 Fixed Cushion: Cap Head Head Air Bleeds: Cap Head

Step 3

Rod End Dimensions

Select rod end and supply dimensions

A _____ B _____ C _____
 D _____ E _____ F _____

- Lug
- Spherical Bearing
- Bronze Bushing
- Clevis
- Cross Tube
- Threaded Rod
- Hole Through Rod
- Other

Step 2

Mounting Dimensions

Select mount and supply dimensions

A _____ B _____ C _____
 D _____ E _____ F _____

- Lug
- Spherical Bearing
- Bronze Bushing
- Clevis
- Cross Tube
- Square Flange
- Rectangular Flange
- Round Flange
- Trunnion
- Other

