

Section 1:

Columbus Hydraulics
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Columbus Hydraulics Co.

Cylinder Quote Application

Customer Information

Quote No.:	
Entry Date:	
Staff:	
Annual Usage:	
Customer PN:	
Customer Contact:	
Title:	
Email:	
Phone:	

Customer:			
Address:			
City:	State:	Zip:	

Cylinder Function & Performance Requirements

Application: Agriculture Construction Aerial Lift Material Handling Transportation Utility Other:

Detailed Cylinder Function:

New Design Previous Similar Design

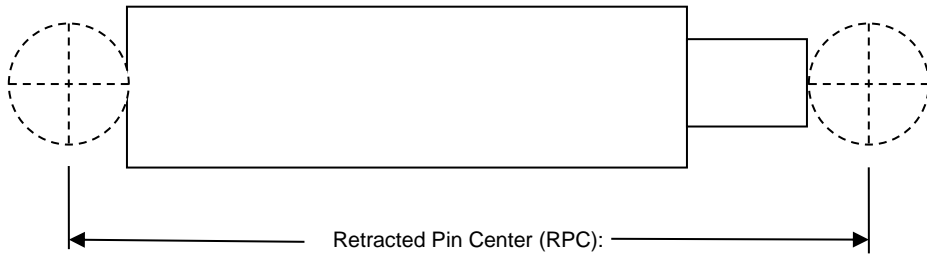
Customer drawing attached

Action Type: Double Acting
 Single Acting
 Displacement

Est. push load	&	Est. pull load
<input type="text"/>		<input type="text"/>
<input type="text"/>	or	<input type="text"/>
<input type="text"/>		<input type="text"/>

Op. pressure:	Bore:	Rod diameter:	Ext. port:	Stroke:
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Paint color:	Tube OD:	Rod material:	Ret. port:	RPC:
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Sketch Features (if drawing not available):



Are there any critical features that might require tight tolerances? Yes No

If so, please describe:

Section 2:

Environment: Dirt / Water Temp < -30°F Temp > 200°F Corrosive, specify:

External forces: Shock Load Steady Load Side Load Vibration Other, specify:

Piston speed exceeds 1.5 ft/sec If so, specify speed: Life expectancy (cycles or hours):

Fluid type: Petroleum Base Non-Petroleum Base, specify:

Additional Design Features:

Cushioning: At end of extend, cushion length: At end of retract, cushion length:

Rephasing: At end of extend At end of retract

Load Holding Valve: Prevent extend: Counterbalance P.O. Check Prevent retract: Counterbalance P.O. Check

Position Sensing

Spring Return

Double Rod End