Schrader Bellows Configuration System
Quick Reference Guide
Series PH-2 & PH-3
Pneumatic and Hydraulic Cylinders
ICD Quick Reference Guide
for Schrader Bellows Series PH-2 & PH-3 Hydraulic Cylinders

To Begin...

Log in to PHconnect.com, and mouse over the “Customer Resources Menu”. In the list that appears highlight and click on the “catalog search” selection.

In the “Please select a catalog” dialog box choose “Schrader Bellows Industrial Cylinder Catalog”. In the next two search fields, select “Manufacturer Part Number” and then “Contains”. Type “Schrader” in the open field and click on the search icon.

When the search results appear, select the “Configure” button under the listing “PH2 PH3 - SCHRADER ICD”.

Type

You have now entered the ICD Model Number Configurator area.

Click on “Please Select” and select the type of cylinder that best suits your application. For our example, we have selected Code PH for PH - Single Rod End with SAE Straight Thread Ports.

Series PH-2 & PH-3 Heavy Duty Hydraulic Tie Rod Cylinders

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Model Number</th>
<th>Serial Number</th>
</tr>
</thead>
<tbody>
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For cylinder options not listed, please consult factory. LIST is not calculated

Bore and Piston Rod Diameter

Click on “Please Select” and select a bore and piston rod diameter from the available list. For our example model number, we have selected Code EA3 for EA3 - 4.00 Inch Bore, 1.75 Inch Piston Rod.
**Mounting Style**

Click on “Please Select” and select from a list of available mounting styles. For our example model number, we have selected Code 84 for 84 - MP1 Cap Fixed Clevis, Both Ends Cushion.

**Seal Type**

Click on “Please Select” and select from the available seal types. For our example model number, we have selected Code 1 for 1 - Buna N Seals.

**Piston Rod End Style**

Click on “Please Select” and choose from the available piston rod end styles. For our example model number, we have selected Code 2 for 2 - Style 2 Small Male.

**Special Modifications**

Click on “Please Select” and choose whether or not you will need special modifications. For our example model number we have selected blank for No Special Modifications. If you would like to include special modifications, select Code S and additional fields will display.
Stroke
Click on “Please Select” and enter your stroke in inches in the box that appears. For our example we have entered a stroke of 24 inches as 24.00.

<table>
<thead>
<tr>
<th>Code</th>
<th>Rule</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>24.00</td>
<td></td>
<td>0.021, 250,000 inch</td>
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After you have entered the stroke you need, fields for Port Size-Head, Port Location - Head, Port Size - Cap and Port Location - Cap will automatically fill in as below.

CPN
To generate a CPN (Cylinder Part Number) simply click on the CPN button.

A dialog box will appear with your CPN.

Hard Parts
After you have created a CPN number for your configuration, click on the “Cylinder” line. This will bring up a listing of Hard Parts for your configuration. Select any part from the list to view the individual pricing.

Your Final Model Number

PHEA38421 24.000

List Price
When your model number configuration is complete, you will see a list price displayed.
**Summary**

You can easily review your configuration by selecting the view summary button. A complete listing of your selections will appear.

**2D/3D CAD Drawings**

You may use the Generate CAD button to create 2D or 3D CAD files from your model code and receive them via email.

Select the type of CAD file format you would like from the list and then click on submit request.

You will be prompted to enter your email address and then click send.

A box pops up to confirm that your email has been sent.

**Add to Order, Return to Search**

Use this button if you wish to perform a new search. Your first item, if completed, will be stored in your cart.

**Add to Order, Continue Entry**

Use this button if you wish to configure a new item using the same cylinder series. Your first item will remain unchanged in your cart.

**Add to Order, Place an Order**

Use this button to add the configured cylinder to your cart and proceed to the order entry screen. Here you may finalize details regarding your order such as delivery and special instructions.