Part Crowder

**Single Acting**

- Select from 3 cylinder capacities: 550 lbs, 980 lbs and 2,200 lbs.
- Use fewer components to secure parts.
- Crowding and clamping pressure applied at the exact same point on parts.
- Spring contact force and hydraulic holding force.
- Single acting device.
- Flexible plumbing options accommodate either manifold mounting or SAE.
- BHC™ (Black Hard Coat) finish.

<table>
<thead>
<tr>
<th>Model No.*</th>
<th>Spring Loaded Contact Force (lbs)</th>
<th>Hydraulic Assist Cylinder Capacity (lbs)**</th>
<th>Piston Area (sq. in.)</th>
<th>Oil Capacity (cu. in.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>15-9104-00</td>
<td>5.5-11</td>
<td>550</td>
<td>.110</td>
<td>.108</td>
</tr>
<tr>
<td>15-9105-00</td>
<td>14-20</td>
<td>980</td>
<td>.196</td>
<td>.194</td>
</tr>
<tr>
<td>15-9108-00</td>
<td>21-27</td>
<td>2,200</td>
<td>.442</td>
<td>.350</td>
</tr>
</tbody>
</table>

* Add an “F” to the end of the model number to order fluorocarbon seals.

** Cylinder capacities are listed at 5,000 psi maximum operating pressure. The output force is adjustable by varying the hydraulic system pressure.

To determine the approximate output force for your application, multiply the Piston Area times Your System Operating Pressure. (Actual force may vary slightly due to friction loss, seal and wiper drag and/or return springs.)

*** Shaft lock feature prevents the shaft from rotating while changing the contact plate. For use, see instructions on the parts list.

For proper sealing, mating surface must be flat within 0.003 in. with a maximum 63 µ in. Rₐ surface finish.