## Series Variations

<table>
<thead>
<tr>
<th>Type</th>
<th>Series</th>
<th>Nominal pressure</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compact type</td>
<td>CHQ</td>
<td>3.5</td>
<td>Auto switch Cushion Double rod end Rod boot Water resistant</td>
</tr>
<tr>
<td></td>
<td>CHKD</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td></td>
<td>CHKG</td>
<td>16</td>
<td></td>
</tr>
<tr>
<td>Round type</td>
<td>CHN</td>
<td>7</td>
<td></td>
</tr>
<tr>
<td></td>
<td>CHM</td>
<td>3.5</td>
<td></td>
</tr>
<tr>
<td>Conforms to ISO</td>
<td>CHSD</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td></td>
<td>CHSG</td>
<td>16</td>
<td></td>
</tr>
<tr>
<td>JIS type</td>
<td>CH2E</td>
<td>3.5</td>
<td></td>
</tr>
<tr>
<td></td>
<td>CH2F</td>
<td>7</td>
<td></td>
</tr>
<tr>
<td></td>
<td>CH2G</td>
<td>14</td>
<td></td>
</tr>
<tr>
<td></td>
<td>CH2H</td>
<td>14</td>
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</tr>
<tr>
<td>Tie-rod type</td>
<td>CHA</td>
<td>3.5</td>
<td></td>
</tr>
</tbody>
</table>

### Compact Hydraulic Cylinder

**CHQ Series**
- Nominal pressure: 3.5 MPa
- Bore sizes (mm): 20, 32, 40, 63, 80, 100

**CHKD Series**
- Nominal pressure: 10 MPa
- Bore sizes (mm): 20, 25, 32, 40, 50, 63, 80, 100

**CHKG Series**
- Nominal pressure: 16 MPa
- Bore sizes (mm): 20, 25, 32, 40, 50, 63, 80, 100

### JIS Standard

**Compact Hydraulic Cylinder**

**CHKD Series**
- Nominal pressure: 10 MPa
- Bore sizes (mm): 20, 25, 32, 40, 50, 63, 80, 100

### Small Bore Hydraulic Cylinder

**CHN Series**
- Nominal pressure: 7 MPa
- Bore sizes (mm): 20, 25, 32, 40

### Round Type Hydraulic Cylinder

**CHM Series**
- Nominal pressure: 3.5 MPa
- Bore sizes (mm): 20, 25, 32, 40
### JIS Standard Hydraulic Cylinder

- **CH2E Series**
  - Bore sizes (mm): 32, 40, 50, 63, 80, 100
  - Nominal pressure: 3.5 MPa

- **CH2F Series**
  - Bore sizes (mm): 40, 50, 63, 80, 100, 125, 160
  - Nominal pressure: 7 MPa

### ISO Standard Hydraulic Cylinder

- **CHSD Series**
  - Bore sizes (mm): 32, 40, 50, 63, 80, 100
  - Nominal pressure: 10 MPa

- **CHSG Series**
  - Bore sizes (mm): 32, 40, 50, 63, 80, 100
  - Nominal pressure: 16 MPa

### Tie-rod Type Hydraulic Cylinder

- **CHN Series**
  - Bore sizes (mm): 40, 50, 63, 80, 100
  - Nominal pressure: 7 MPa

- **CHA Series**
  - Bore sizes (mm): 40, 50, 63, 80, 100
  - Nominal pressure: 10 MPa

- **CH2 Series**
  - Bore sizes (mm): 32, 40, 50, 63, 80, 100
  - Nominal pressure: 3.5 MPa

**Tie-rod Type**