**Center Hole CYLINDERS RT SERIES**

**17½-100 Ton**

Single-Acting, Spring-Return & Double-Acting

Ideal for pulling and pressing.

- A proven design; used throughout industry for over 40 years.
- Cylinders withstand full “dead-end” loads.
- Compact design; ideal for applications in which space is limited.
- Basic head can be changed from a tapped hole to plain hole by simply changing insert. (See page 41)
- Pistons have “Power Tech” treatment for corrosion and abrasion resistance.

### Dimensions for reference only. Single-Acting, Spring-Return Cylinders

<table>
<thead>
<tr>
<th>CYL</th>
<th>Retracted Height (mm)</th>
<th>Extended Height (mm)</th>
<th>Load Cap. Dia. (mm)</th>
<th>Load Cap. Dia. (mm)</th>
<th>Center Hole Dia. (mm)</th>
<th>Weight (kg)</th>
<th>Metric Tons at 700 bar</th>
<th>Oil Cap. (cm³)</th>
<th>Capacity (Tons)</th>
<th>Stroke Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>17½</td>
<td>174.6</td>
<td>225.4</td>
<td>95.3</td>
<td>146.1</td>
<td>44.5</td>
<td>1-8</td>
<td>27.0</td>
<td>38.1</td>
<td>8.7</td>
<td>22.8</td>
</tr>
<tr>
<td>30</td>
<td>214.3</td>
<td>277.8</td>
<td>106.0</td>
<td>190.5</td>
<td>57.2</td>
<td>1 1/2-7</td>
<td>32.9</td>
<td>46.0</td>
<td>11.9</td>
<td>40.5</td>
</tr>
<tr>
<td>50</td>
<td>268.3</td>
<td>344.5</td>
<td>149.2</td>
<td>238.1</td>
<td>73.0</td>
<td>1 5/8-5 1/2</td>
<td>42.5</td>
<td>60.3</td>
<td>16.7</td>
<td>63.3</td>
</tr>
<tr>
<td>100</td>
<td>384.2</td>
<td>508.0</td>
<td>266.7</td>
<td>336.6</td>
<td>120.7</td>
<td>2 1/2-8</td>
<td>65.1</td>
<td>73.0</td>
<td>19.8</td>
<td>124.1*</td>
</tr>
</tbody>
</table>

* Push side only.

**The RT1004 has a bypass when full stroke is reached, preventing over-pressurization of the cylinder.**

**NOTE:** Each cylinder complete with threaded cylinder head insert, cylinder half coupler and cylinder attaching screws.

---

**CYLINDERS RT SERIES**

**CYLINDER/PUMP MATCHING**

Page 6

**ACCESSORY/REPAIR**

Page 251

**PUMP/CYLINDER SETS**

Page 512

**HYDRAULIC ACCESSORIES**

Page 120

**VALVES**

Page 128

**TECH DATA**

Page 231

---

**Power Team**