The lever is in the locked state when the lock pin is hooked on the bracket assembly. When a workpiece moves backward and collides with the lever, the lock pin unhooks from the bracket assembly as the lever is pushed backward. When the lock pin is unhooked from the bracket assembly, the lever becomes unlocked, which allows the workpiece to pass through.

**Applicable Series**

<table>
<thead>
<tr>
<th>Series</th>
<th>Description</th>
<th>Model</th>
<th>Action</th>
<th>Note</th>
<th>Vol. no. (for std model)</th>
</tr>
</thead>
<tbody>
<tr>
<td>RS2H</td>
<td>Heavy duty stopper cylinder</td>
<td>RS2H</td>
<td>Double acting</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Specifications**

- Lever: With lock mechanism
- Shock absorber: Shock absorber with scraper (Option)
- Specifications other than above: Same as the standard type

**How to Order**


**Dimensions:** Same as the standard type

**Bore size (mm) Order no.**

<table>
<thead>
<tr>
<th>Bore size</th>
<th>Standard</th>
<th>With scraper</th>
</tr>
</thead>
<tbody>
<tr>
<td>50</td>
<td>RS2H-R50</td>
<td>RS2H-R50-X2666</td>
</tr>
<tr>
<td>63</td>
<td>RS2H-R63</td>
<td>RS2H-R63-X2666</td>
</tr>
<tr>
<td>80</td>
<td>RS2H-R80</td>
<td>RS2H-R80-X2666</td>
</tr>
</tbody>
</table>

**Positional relationship of the lever and port**

- Nil
- With lever detection switch

**Auto switch**

- Nil Without auto switch (Built-in magnet)
- With auto switch

**Option**

1. Options can be combined. Indicate the option symbols in the order of “C” then “S.”
2. For details on the lever detection switch, refer to the standard model.

**Shock absorber**

- Standard
- Shock absorber with scraper

**Number of auto switches**

- (Number of auto switches mounted)
- Nil
- 2
- S
- 1

**Auto switch**

- The applicable auto switches are the same as those for the standard model.
- Auto switches are shipped together with the product but do not come assembled.

**Replacement Parts/Shock Absorber**

<table>
<thead>
<tr>
<th>Bore size (mm)</th>
<th>Standard</th>
<th>Order no.</th>
<th>With scraper</th>
</tr>
</thead>
<tbody>
<tr>
<td>50</td>
<td>RS2H-R50</td>
<td>RS2H-R50-X2666</td>
<td></td>
</tr>
<tr>
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<td>RS2H-R63</td>
<td>RS2H-R63-X2666</td>
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<tr>
<td>80</td>
<td>RS2H-R80</td>
<td>RS2H-R80-X2666</td>
<td></td>
</tr>
</tbody>
</table>

- The shock absorber can be replaced individually. Mounting of the built-in shock absorber with a scraper is interchangeable with the standard shock absorber (RS2H-RC).