Floor Closers

We take the worry out of protecting what’s valuable to you.
Lockwood: no worries®

www.lockweb.com.au
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Description
The Lockwood ST8011SSS double action floor closer has been specifically designed to meet the exacting requirements of double or single action pivoted doors with a door leaf weight up to 300kgs.

Innovative design enables onsite flexibility over a wide range of applications.

Designed and manufactured to world class standards which enables the highest possible quality, efficient and reliable performance.

Multi functional designs offer the specifier, stockist or the installer outstanding versatility and low inventory levels.

Product Details

<table>
<thead>
<tr>
<th>Adjustable Closing Speed</th>
<th>Adjustable Closing Speed: Closing 175deg - 15deg, Latching speed 15deg - 0deg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Back Check</td>
<td>The integrated mechanical back check function offers optimum protection for doors and walls. With these standard features built into one product this means there is only one model to specify and stock to cover a wide range of applications.</td>
</tr>
<tr>
<td>Construction</td>
<td>Cast iron body Three thermodynamic valves for consistent performance Built in pressure relief valve Cement box hot zinc plated steel Universal cover plate</td>
</tr>
<tr>
<td>Delayed Action</td>
<td>Adjusting this valve controls the closing time of the door between 170deg - 85deg</td>
</tr>
<tr>
<td>Door Specifications</td>
<td>Suitable for door weights up to 300kgs Leaf widths from 950mm - 1400mm Max opening angle 175deg</td>
</tr>
<tr>
<td>Hold-Open</td>
<td>By setting the HO valve the door can be set to hold open the door at any angle from 85deg to 170deg opening, to release door manually pull door closed.</td>
</tr>
<tr>
<td>Power adjustment</td>
<td>Turning the screw valve the power can be adjusted from EN size 3-6; closing force ranges from 24Nm to 60Nm</td>
</tr>
</tbody>
</table>
ST8011SSS Floor Closer

Limiting Dimensions

<table>
<thead>
<tr>
<th>Adjustments within Cement Box</th>
<th>Vertical</th>
<th>Side</th>
<th>Front</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>9 mm</td>
<td>6 mm</td>
<td>5 mm</td>
</tr>
</tbody>
</table>

Recommended Door Sizes

<table>
<thead>
<tr>
<th>Recommended Door Width</th>
<th>Door Weight (kg)</th>
<th>Closer Power Size</th>
<th>Closing Torque (Nm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>950</td>
<td>60</td>
<td>3</td>
<td>18 - &lt;26</td>
</tr>
<tr>
<td>1100</td>
<td>80</td>
<td>4</td>
<td>26 - &lt;37</td>
</tr>
<tr>
<td>1250</td>
<td>100</td>
<td>5</td>
<td>37 - &lt;54</td>
</tr>
<tr>
<td>1400</td>
<td>120</td>
<td>6</td>
<td>54 - &lt;87</td>
</tr>
</tbody>
</table>

Door Closer in this series are power adjustable size 3-6

Adjust Closing Speed

Valve “A” - controls closing speed from MAX. (OPENING - 85°)

Valve “B” - controls closing speed from approx. (85° ~ 15°)

Valve “C” - controls closing speed from approx. (15° ~ 0°)

Valve “D” - Adjustable closing force (EN3~6)

Back-check
The integrated mechanical back-check function offers optimum protection for doors and wall

Delayed Action
Turn valve “A” clockwise until desired delay time is obtained (175° ~ 85°).

Hold Open
Turn valve “A” completely clockwise. Door will hold at any point beyond approx. 85°. Allow for approx. 4° fall away when considering hold open position.

To release door, manually pull door closed a few inches.
ST8011SSS Floor Closer

**Universal Mounting**

![Diagram of Universal Mounting]

- Single or Double action door mounting
- Single action door mounting with offset

Adaptable to right or left hand single action applications by simply snapping off the appropriate pre-blanked corner sections. For double action doors, the corner sections remain in place.

**Universal Cover Plate**

- ST80-171PSS Polished Stainless Steel
- ST80-171PB Polished Brass

Order separately to ST8011SSS Floor Spring

- Sealing compound
  - For all external applications or where the floor spring will be exposed to moisture, it is recommended that a silicone based compound is used to prevent corrosion.

**Extended Spindle Range**

![Diagram of Extended Spindle Range]

Calculating the necessary length of spindle extension:

- Extension S: Floor clearance (normally 8mm)
- Collar height T of extended spindle inserts:
- Spindle extension length + 3mm (collar height of the standard spindle insert)

* NOTE: 3deg offset spindles available on request.
ST8011 SSS Floor Closer

Spare Parts

Standard bottom arm
SPST80-393

![Bottom arm image](image)

Standard top pivot
SPST80-8

![Top pivot image](image)

Accessories

Offset arm (right & left)
ST80-392

![Offset arm image](image)

Offset top pivot (right)
ST80-492RH

![Offset right pivot image](image)

Offset top pivot (left)
ST80-492LH

![Offset left pivot image](image)
8800 Series Floor Closer

Description
The Lockwood 8800 Series Floor Closers are designed to provide door control on manually operated double action doors in a wide range of commercial applications. The mounting kit provided with the Lockwood 8800 Series will suit glass, timber and aluminium frame door construction as standard.

Features
- 2, 3 and 4 power
- Non hold-open
- 90° & 105° hold-open
- Adjustable pivot inserts
- Pivot door sets
- Lockwood guaranteed

Additional Features
Interchangeable extended pivot inserts ranging from +5 to +35mm. This range will accommodate applications such as threshold, carpeted floors or situations where additional clearance between the door and floor are required.

Universal off set pivot sets for flush closing single action door applications (SP844-30).

<table>
<thead>
<tr>
<th>Product Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Door Adjustment</strong></td>
</tr>
<tr>
<td><strong>Door Control</strong></td>
</tr>
<tr>
<td><strong>Door Frame Type</strong></td>
</tr>
<tr>
<td><strong>Door Thickness</strong></td>
</tr>
<tr>
<td><strong>Door Weight</strong></td>
</tr>
<tr>
<td><strong>Door Width</strong></td>
</tr>
<tr>
<td><strong>Finishes</strong></td>
</tr>
<tr>
<td><strong>Hold-Open</strong></td>
</tr>
</tbody>
</table>

*For all external applications or where the floor spring will be exposed to moisture, its recommended that a silicone based compound is used to prevent corrosion.*

Pivot Door Sets
Suitable for door applications where a free swing pivot door is required. Consists of retractable top pivot set with heavy duty bottom pivot and strap. Suitable for aluminium, glass and timber doors.

*For all external applications or where the floor spring will be exposed to moisture, its recommended that a silicone based compound is used to prevent corrosion.*
# 8800 Series Floor Closer

## Limiting Dimensions

![Dimensions Diagram](image)

## 8800 Series Product Range

### Non Hold-Open

<table>
<thead>
<tr>
<th>Part Numbers</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>8842NSSS</td>
<td>Size 2   Standard Floor Spring Non Hold-Open</td>
</tr>
<tr>
<td>8843NSSS</td>
<td>Size 3   Standard Floor Spring Non Hold-Open</td>
</tr>
<tr>
<td>8844NSSS</td>
<td>Size 4   Standard Floor Spring Non Hold-Open</td>
</tr>
</tbody>
</table>

### 105° Hold-Open

<table>
<thead>
<tr>
<th>Part Numbers</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>8842H105SSS</td>
<td>Size 2 Standard Floor Spring 105° Hold-Open</td>
</tr>
<tr>
<td>8843H105SSS</td>
<td>Size 3 Standard Floor Spring 105° Hold-Open</td>
</tr>
<tr>
<td>8844H105SSS</td>
<td>Size 4 Standard Floor Spring 105° Hold-Open</td>
</tr>
</tbody>
</table>

### 90° Hold-Open

<table>
<thead>
<tr>
<th>Part Numbers</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>8842H90SSS</td>
<td>Size 2 Standard Floor Spring 90° Hold-Open</td>
</tr>
<tr>
<td>8843H90SSS</td>
<td>Size 3 Standard Floor Spring 90° Hold-Open</td>
</tr>
<tr>
<td>8844H90SSS</td>
<td>Size 4 Standard Floor Spring 90° Hold-Open</td>
</tr>
</tbody>
</table>
Standard or route door and frame to accept relevant top centre parts.

To change the extended "throw" of the pivot pin proceed as follows:

1. Unscrew shoulder screw 4, turn adjustment screw 1 counter clockwise until pivot pin 3 and rocker arm 2 can be removed.
2. Select the desired hole A, B, or C in pivot pin 3 and reassemble in same sequence.
3. Maximum "throw" is achieved with rocker arm 2 in position C.

Install pivot to door section as shown.

Ensure that the top centre is properly aligned with floor spring.

Bring door gently down onto floor spring; open door to gain access to top centre; lower pivot pin 3 into bearing by turning adjustment screw 1 clockwise.

Ensure proper engagement of pivot pin into door portion of top centre.

Secure cover plate 5 to top centre frame portion by using two (2) M4x6 screws provided.

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Size Selection Chart

<table>
<thead>
<tr>
<th>Spring Size</th>
<th>Door width</th>
<th>Max Door Weight</th>
<th>Closing Torque</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>850 mm</td>
<td>120 kg</td>
<td>20 Nm</td>
</tr>
<tr>
<td>3</td>
<td>950 mm</td>
<td>120 kg</td>
<td>27 Nm</td>
</tr>
<tr>
<td>4</td>
<td>1100 mm</td>
<td>120 kg</td>
<td>39 Nm</td>
</tr>
</tbody>
</table>

Extended Spindle Range

<table>
<thead>
<tr>
<th>Standard Inset</th>
<th>+5mm</th>
<th>+10mm</th>
<th>+15mm</th>
<th>+20mm</th>
<th>+25mm</th>
<th>+30mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Part Number</td>
<td>SP884-60</td>
<td>SP884-60-5</td>
<td>SP884-60-10</td>
<td>SP884-60-15</td>
<td>SP884-60-20</td>
<td>SP884-60-25</td>
</tr>
</tbody>
</table>

3° Left Hand Offset

| Part Number | SP884-60LH | SP884-60-5LH | SP884-60-10LH | SP884-60-15LH | SP884-60-20LH | SP884-60-25LH | SP884-60-30LH |

3° Right Hand Offset

| Part Number | SP884-60RH | SP884-60-5RH | SP884-60-10RH | SP884-60-15RH | SP884-60-20RH | SP884-60-25RH | SP884-60-30RH |
8800 Series Floor Closer

Pivot Door Set Product Range

<table>
<thead>
<tr>
<th>Part Numbers</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>985-300</td>
<td>Aluminium or Timber Door Pivot Kit</td>
</tr>
<tr>
<td>985-350</td>
<td>Glass Door Pivot Kit</td>
</tr>
<tr>
<td>985-400</td>
<td>Heavy Door Pivot Kit</td>
</tr>
</tbody>
</table>

Description
Suitable for door applications where a free swing pivot door is required. Consists of retractable top pivot set with heavy duty bottom pivot and strap. Suitable for aluminium, timber and glass doors.

Aluminium or Timber Door Pivot Kit

Glass Door Pivot Kit

Heavy Door Pivot Kit

SP884-20

SP985-15 (115kg)

SP884-20

SP985-35 (200 kg)

SP884-20

SP985-35

SP985-30 (200kg)
Velocity® 63mm Series Rose Door Handles
Lockwood is the leading brand in the Australian locking industry. With an established reputation for high quality products, this iconic brand provides a wide range of locking solutions to residential housing, commercial building and industrial application markets. Lockwood is supported by an extensive distribution and after-sales support network. Our customers include retailers, architects, trade and industrial personnel, locksmiths and security dealers.

ASSA ABLOY is the global leader in door opening solutions, dedicated to satisfying end-user needs for security, safety and convenience.

ASSA ABLOY is represented in all major regions, in both mature and emerging markets, with leading positions in Australia, Europe and North America.

The Lockwood 25 Year Mechanical Warranty

Our belief that we manufacture the finest premium products available in today’s market place is backed by the Lockwood 25 Year Mechanical Warranty, ensuring that Lockwood continues to keep Australians safe by delivering security and peace of mind.

For warranty terms and conditions, please visit www.lockweb.com.au or call 1300WARRANTY

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