Concealed Door Closers

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

www.lockweb.com.au
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Superior performance and reliability
Lockwood high security products are known and highly respected throughout Australasia. Every item in our wide product range represents top quality and superior performance.

Our extensive experience and expertise combined with customer-oriented research and development mean that we have a wide range of solutions for the varying demands of different door environments.

Operation
The operation of the door closers is based on a hydraulically controlled CAM-action mechanism. Inside the closer, oil is used to control the closing and latching speeds. The adjustable valves enable the adjustment of the speeds and features.

Pressure relief valve is the standard feature to protect the door from abuse and ensure reliable operation in demanding conditions.

Concealed Door Closer
Door closer and rail system are mounted inside the door leaf and frame. When the door is open the only visible part is the arm. After installation it is easy to adjust the closing force as well as closing and latching speed. Non-handed closer and arm system enable the use of the same products in left and right handed doors.

Adjustable Closing Force
Lockwood 8014 and 8015 door closers are equipped with adjustable spring power which ensures pre-setting of the spring.

Due to adjustable spring power, the same door closer can be used in various applications

Adjustment Valves
Closing speed (Valve C): The closing speed can be adjusted 120-0 degrees.

Latching speed (Valve L):
The latching speed can be adjusted 7-0 degrees.

Mechanical Back Check
A brake affects door movement from 80 degrees to fully open and protects the door by preventing it from being pulled open by the wind.

The Lockwood Concealed Door Closers have been successfully fire tested up to 2 hours on fire door assemblies in accordance with Australian Standard AS1905.1:2005 - Part 1: Fire Resistant Doorsets.

Lockwood Concealed Door Closers conform to the requirements of AS1428 Clause 13.5.3 (e) Design for Access and Mobility.

Closer Selection Chart
Door height should be a maximum of 2340mm

<table>
<thead>
<tr>
<th>Product Details</th>
<th>Recommended Door Width</th>
<th>Door Weight (kg) Max</th>
<th>Closer Power Size</th>
<th>Closing Torque (Nm)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>750</td>
<td>20</td>
<td>1</td>
<td>9 - &lt;13</td>
</tr>
<tr>
<td></td>
<td>850</td>
<td>40</td>
<td>2</td>
<td>13 - &lt;18</td>
</tr>
<tr>
<td></td>
<td>950</td>
<td>60</td>
<td>3</td>
<td>18 - &lt;26</td>
</tr>
<tr>
<td></td>
<td>1100</td>
<td>80</td>
<td>4</td>
<td>26 - &lt;37</td>
</tr>
<tr>
<td></td>
<td>1250</td>
<td>100</td>
<td>5</td>
<td>37 - &lt;54</td>
</tr>
</tbody>
</table>
Description
The Lockwood 8014 is a non handed cam action concealed door closer for heavy duty use. Thanks to the cam construction it is extremely light to open but strong enough to close the door in every situation.

The Lockwood 8014 can be adjusted to meet the requirements of the light opening resistance.

Major Features
- Certified to EN1154
- Adjustable closing force size EN 1-4
- Separate adjusting valves for closing and latching speed, mechanical BC
- Pressure relief valve to protect against abuse
- Wide operating temperature range: -15 to 45°C
- For fire door applications add 2516-153 opening damper

Product Details

<table>
<thead>
<tr>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Materials</strong></td>
<td>Anodized aluminium door closer body</td>
</tr>
<tr>
<td><strong>Door Thickness</strong></td>
<td>Minimum 40mm</td>
</tr>
<tr>
<td><strong>Door Weight</strong></td>
<td>Maximum 80kgs</td>
</tr>
<tr>
<td><strong>Door Width</strong></td>
<td>Maximum 1100mm</td>
</tr>
<tr>
<td><strong>Finishes</strong></td>
<td>Silver (SIL)</td>
</tr>
<tr>
<td><strong>Opening Angle</strong></td>
<td>Maximum 120°</td>
</tr>
</tbody>
</table>

Standards and Compliance

Lockwood Concealed Door Closers have been successfully fire tested up to 2 hours on fire door assemblies in accordance with Australian Standard AS1905.1:2005 - Part 1: Fire Resistant Doorsets.
**Description**

The Lockwood 8015 is a non-handed cam action door closer and therefore very easy to install. Thanks to the cam construction it is extremely light to open but strong enough to close heavy doors.

The Lockwood 8015 is suitable for external, internal and heavy duty doors.

**Features and Specifications**

- Certified to EN1154
- Adjustable closing force size EN 1-5
- Separate adjusting valves for closing and latching speed, mechanical BC
- Pressure relief valve to protect against abuse
- Wide operating temperature range: -15 to 45°C

**Product Details**

<table>
<thead>
<tr>
<th>Materials</th>
<th>Anodized aluminium door closer body</th>
</tr>
</thead>
<tbody>
<tr>
<td>Door Thickness</td>
<td>Minimum 48mm</td>
</tr>
<tr>
<td>Door Weight</td>
<td>Maximum 100kgs</td>
</tr>
<tr>
<td>Door Width</td>
<td>Maximum 1250mm</td>
</tr>
<tr>
<td>Finishes</td>
<td>Silver (SIL)</td>
</tr>
<tr>
<td>Opening Angle</td>
<td>Maximum 120°</td>
</tr>
</tbody>
</table>
Adjustment

8015

Part Number 8015SIL

Detail B

8014 - 812775
Accessories

**Sliding arms**
Sliding arm 8014 - 893SIL
Measurements: 440 x 31 x 21mm

**Hold-open device 2516-152**
Adjustable hold-open force
Max. hold-open angle -110°

**Opening damper**
Opening damper 2516 - 153
Max. damping angle -110°
Designed to brake the door before hitting the door stopper
Does not replace the mechanical door stopper
Required for fire door applications

**8014 - 812775 mounting plates**
Can be used with 8014 and 8015 door closer
To be used in profile doors.
When it comes to safety it’s primal, it’s our survival, a basic human need. We want freedom to live, explore and rest without fear. To leave behind in safety our precious, cherished and most valuable things. And to come back to them exactly as we left them.

For as long as we have valuables, we will always need protection. Though the need for our products is driven by concerns, the Belief in our Brand is propelled by confidence. An unquestioned confidence in our ability to protect what is most important to you.

Our products provide peace of mind through strength, substance and style. Our reputation is forged in traditions, supreme workmanship, uncompromised values and above all our people. We are a trusted, tireless and vigilant guardian that protects families, households, trades and businesses.

Because if feeling safe is a basic human need, knowing you’re safe is why Lockwood exists. For over 75 years, our guiding principle is and will always be: To take the worry out of protecting what is valuable to you.

**Lockwood: no worries**

®
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