Identifying The Product You Have
Identifying The Products You Have

Contents

Floor Closers ................................................................................................................................................................................................................................. p 3
Product Identification ............................................................................................................................................................................................................... p 5
27/28 Series Floor Closer ID .................................................................................................................................................................................................... p 7
30/40 Series Floor Closer ID .................................................................................................................................................................................................... p 8
Uni Chek Closer ID ...................................................................................................................................................................................................................... p 9
Thinslab ID ................................................................................................................................................................................................................................. p 10
Duo Chek Closer ID ................................................................................................................................................................................................................. p 11
Spindle Heights of Floor Closers ......................................................................................................................................................................................... p 12
Overhead Concealed Closers ............................................................................................................................................................................................... p 13
Checkmate Overhead Stops and Holders........................................................................................................................................................................ p 14
SCIII ............................................................................................................................................................................................................................................... p 15
SCIV .............................................................................................................................................................................................................................................. p 15
Heritage ...................................................................................................................................................................................................................................... p 15
SCV ................................................................................................................................................................................................................................................ p 16
SCVI .............................................................................................................................................................................................................................................. p 17
Pivots & Pivot Sets ................................................................................................................................................................................................................... p 18
Floor Closers

1. Is the door offset or center hung? When door is in closed position...

   - **Offset Hung**
     - You see pivot “knuckles”
     - Spindle & pivot centerline located “off” the face of the door (3/4” or 1-1/2”)
     - Visible cover cap on arm
     - Arm attached to door when door is de-mounted
     - Door may have intermediate pivot(s) in addition to top pivot

   - **Center Hung**
     - You see no mounting hardware
     - Spindle centerline located in center of door thickness
     - Arm is not visible when installed – there may be visible adjusting screws on face of door at bottom arm location
     - Arm attached to closer when door is de-mounted
     - Top pivot only (walking beam type) – completely hidden when door is closed

2. What is the spindle configuration? Refer to page 5.

3. Is it single or double acting?
   - Double acting – door swings into the room AND out of the room
   - Single acting – door swings either into the room or out of the room but, not both


5. Do you recognize the body and markings on the more popular models? Refer to pages 7-11.
Floor Closers

6. Spindle height? Refer to page 12. (The door must be removed from the closer to make this determination.)

7. Hand of door?

8. Degree of swing? Most common are 90° or 105°.

9. Does it hold open?
   - Automatic – always goes into hold open
   - Selective – valve to turn hold open off and on

Identifying Floor Closers

Product Identification

**Older Model**
Offset Floor Closers
Model #s 20, 25, 27, 51

Closer body arm & arm cap must be replaced

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**Offset Floor Closers**
Model #s 20, 25, 27, 51

- Triangular spindle shape

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**Center Hung Floor Closers**
Model #s 8, 9, 10, 12, 15, 21, 26, 28, 30, 40, 50

- Tapered spindle shape

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**Heavy Duty Floor Closers**
Model #s H28 & H40

- Square spindle shape

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**Models 327 and 53**

- L Arm
- Q Arm
- HM Arm

Model #s 65, 66, 67, 68

- Standard Arm

- Arm Locking Screw
- Arm Alignment Screws

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**Uni Arm**

- Tapered spindle shape

---

**HD28 (vintage 1960’s)**

No longer available
Identifying Floor Closers

Product Identification

VALVE LOCATION DIAGRAMS
MODELS 27 AND 28 (3, 4, or 5 valves)

Backcheck
Delayed Action (optional)
Latch Speed
Closing Speed

Hold Open (SHO only)
These valves are located toward the PUSH side

50/51 Closer Adjustments

Backcheck
Delayed action (optional)
Latch Speed
Closing Speed
Identifying Floor Closers

27/28 Series Floor Closer ID

<table>
<thead>
<tr>
<th>Physical Handicap</th>
<th>Month</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 P</td>
<td>85</td>
<td>92</td>
</tr>
</tbody>
</table>

Hand

Casting Code (disregard)

SIZE III

67 = 2795N
68 = 2795A
69 = 2795S
71 = 2785N
72 = 2790N
73 = 27105N
74 = 2785A
75 = 2790A

76 = 27105A
77 = 2785S
78 = 2790S
79 = 27105S
81 = 2885N
82 = 2890N
83 = 28105N
84 = 2885A
85 = 2890A
86 = 28105A
87 = 2885S
88 = 2890S
89 = 28105S
90 = 2895N
91 = 2895A
92 = 2895S
30/40 Series Floor Closer ID

Month Casting Code (disregard)

Year Model #

RIXSON NO 40 REG Casting Ref.

Valve Adjustment Screws. Back Check When Used as RH. Closing Speed When Used as LH.

Spring Adjuster (One of Two)

Valve Adjustment Screws. Back Check When Used as LH. Closing Speed When Used as RH.
Models 65, 66, 67, and 68
Thinslab ID

Models 50, 51, and 53
Identifying Floor Closers

Duo Chek Closer ID

Model Number 10, 12, 15 or 16

Floor Plate Mounting Screw Holes
(10-24 x 5/16)

Date Code
Month/Year

Closing Speed Valve

Mounting Holes to Cement Case (4)

RIXSON

NO. 10
Identifying Floor Closers

Spindle Heights of Floor Closers

<table>
<thead>
<tr>
<th>Model</th>
<th>Measurement to Top of Spindle</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Boss</td>
</tr>
<tr>
<td>UNI</td>
<td>1'</td>
</tr>
<tr>
<td>DUO</td>
<td>1-1/8'</td>
</tr>
<tr>
<td>20</td>
<td>1-1/8'</td>
</tr>
<tr>
<td>21</td>
<td>7/8'</td>
</tr>
<tr>
<td>25</td>
<td>1-1/4'</td>
</tr>
<tr>
<td>L25</td>
<td>1-3/4'</td>
</tr>
<tr>
<td>Q25</td>
<td>2'</td>
</tr>
<tr>
<td>26</td>
<td>3/4'</td>
</tr>
<tr>
<td>H26</td>
<td>2-1/8'</td>
</tr>
<tr>
<td>27</td>
<td>1-1/8'</td>
</tr>
<tr>
<td>127</td>
<td>3/4'</td>
</tr>
<tr>
<td>327</td>
<td>1/4'</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Model</th>
<th>Measurement to Top of Spindle</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Boss</td>
</tr>
<tr>
<td>HD27</td>
<td>1-3/16'</td>
</tr>
<tr>
<td>L27</td>
<td>1-5/8'</td>
</tr>
<tr>
<td>Q27</td>
<td>1-7/8'</td>
</tr>
<tr>
<td>28</td>
<td>3/4'</td>
</tr>
<tr>
<td>H28</td>
<td>2-1/8'</td>
</tr>
<tr>
<td>30</td>
<td>1'</td>
</tr>
<tr>
<td>40</td>
<td>7/8'</td>
</tr>
<tr>
<td>H40</td>
<td>2-1/4'</td>
</tr>
<tr>
<td>50</td>
<td>1-3/8'</td>
</tr>
<tr>
<td>51</td>
<td>1-3/4'</td>
</tr>
<tr>
<td>53</td>
<td>3/8'</td>
</tr>
</tbody>
</table>

![Diagram showing measurement dimensions and boss dimension of floor closers](image_url)
1. How old is the building?
   If prior to 1980, the product is no longer available.
   Go to the catalog and look for a new product...nothing is a retrofit.

2. If closer was manufactured after 1980...what is the size of the closer?
   Approximately 13" long = 608
   Approximately 17-1/2" long = 700/800 Series

3. 608 and 700/800 parts (click here)
Checkmate Overhead Stops and Holders

1. Are sliders and end caps polymer or metal? If metal, it’s not a Rixson product. If polymer, proceed.

2. Is the unit a track type?

If no, skip to Step 7. If yes, continue.

3. Shoe on Frame:

4. Is the track surface applied to the door? Model #9, #55, or #10
   Is the track concealed in the top of the door? Model #1, #2, or #5

5. What is the length of the track?

6. Is your unit a hold open, stop, or friction stay? (Friction stay does not make a noise when coming out of hold open—very rare product)
   Now that you know which series and track length, click here for the template index. Go to the “B” template to determine specific model.

7. If your product is not a track type choose from one of the following styles.
   Then go to the template as per Step 6 above.
Rixson was the first architectural hardware company that supplied closer/holder combinations.

The first model was the SCIII. This product was sold from 1974-1990. It is easy to recognize because there is no closing mechanism--only a spring. In addition, when you take the cover off, you will see something similar to a bicycle chain.

This product has no available parts and no product similar in function. Click here to find a current product to suit your needs.

The second model that came out in 1978 and was sold until 1990 was the SCIV. This model did have a closer and the frame portion was relatively small.

This product has no available parts and no product similar in function. Click here to find a current product to suit your needs.

The Heritage Smok Chek was a one piece unit similar to today’s SCVI. They have similar features but no parts or templating is interchangeable. This product was sold from 1990 to 1994. Click here to go to current product data.
The SCV product has been around since the mid seventies. The holder (frame portion) is exactly the same today as it was then. This current closer is the only valid model. The other models will need to have the arm, cover, and closer body replaced. Templating will obviously be different. The current closer and the last model pictured on the bottom of this page are very similar. The difference is the broach on the arm. If the broach is on a diamond, then the closer is current vintage. If it is on the square, you will need to replace the closer, cover, and arm.

Detected models and parts are no longer available.

The closers have gone through many generations. They are:
The SCVI is a one piece electrohydraulic unit.

Both the SCV and the SCVI have parts available. Click here for more information.
Identifying Pivots & Pivot Sets

Pivots & Pivot Sets

These products have had few changes over the years. Click here to go to the product catalog which will assist in identifying your product. There will be a link to get more detailed dimensions.
For a complete listing of products and applications please visit our website:

www.rixson.com