COST-EFFECTIVE.

ELSCO’s spring-loaded Swivel Sliding Guide Shoes provide ride quality in a cost-effective package in those applications that do not allow for the installation of roller guides. Unsurpassed build quality and durable materials ensure a lifetime of reliable performance, and a comprehensive array of sizes and gib liner options ensure that ELSCO Swivel Sliding Guide Shoes are suitable across a wide range of applications.

Features of ELSCO Swivel Sliding Guide Shoes:

1. Spring-Loaded, Swivel-Mounted Shoes allow the elevator to float between the rails in a controlled manner, greatly reducing the bumps and vibrations that adversely affect ride quality. Swivel-mounting allows the guide to follow the subtle contours of the rail, eliminating “slip-stop-slip” shudder and noisy performance.

2. Optional Adjustable Stops enable precise control of the car’s overall postwise float between the rails.

3. Quiet, Low-Friction Nylon Gibs guarantee years of silent, trouble-free use. Optional molybdenum-disulfide-filled nylon gibbs include a graphite-like solid lubricant impregnated into the gib material and provide added durability, particularly in applications where rails are not lubricated. Gibs are made to fit 5/8-in. (16mm) rail blades, and can be modified to fit 3/4-in. (19mm) rails.

4. Durable Structural Components. ELSCO slide guide castings are made from high-tensile-strength gray and ductile iron for an optimal combination of strength, durability, and light weight. High-quality guide hardware ensures long life and ease of adjustment in the field. All components are inspected and assembled to exacting standards for a lifetime of reliable performance.

Options and Factory Modifications Available:
- Molybdenum Disulfide-filled nylon gibs are available for use on non-lubricated rails.
- Rail gibs can be modified to accommodate 18.5-lb. (T140-1B) rails.

ELSCO roller guides and swivel sliding guide shoes offer a cost-effective approach for improving elevator ride quality by reducing the need for expensive, labor-intensive solutions and ongoing maintenance. That’s why, in elevator contractors around the world, the ELSCO name is synonymous with quality and value. At ELSCO, We are ride quality.

Many factors must be considered when making a guide selection. Please call us to discuss your specific application.

410.363.9020
info@elscoguides.com

A typical installation: Passenger Elevator Cabin guides for Low-Rise Hydraulic Elevator. Speed: 100 fps (0.5 m/s). Capacity: 2,500 lbs. (1.100 kg).

* See inside for mounting instructions.
ELSCO’s Swivel Sliding Guide Shoes are designed with adjustment features that provide the best possible riding characteristics when guide shoes are specified. The installer can easily adjust ELSCO’s spring-loaded guide shoes to control postwise movement and help compensate for rail misalignment. For optimum performance, we recommend that elevator rails be properly aligned, cleaned and lubricated, if necessary, and the car balanced before installation.

ELSCO guide shoes are carefully assembled, inspected, and packed to arrive in perfect condition. When your shipment arrives, inspect it carefully for damage and, if appropriate, immediately file a claim with the carrier. For the best results, read all instructions thoroughly before proceeding with the installation.

After verifying the proper location of the mounting holes (refer to mounting template), begin installation by inserting spring into the hub. **Note:** If adjusting stops have been ordered, you will also receive a solid stop washer, an adjustable stop shaft, lock washer and nut.

While lowering mounting bracket over the mounting hole or studs, install mounting hardware (not included).

At this point, install the remaining guides on top of and/or beneath the elevator. Lubricate the fitting on each guide with general purpose grease until a small amount appears between the hub and bracket.

After all adjustments have been made, ride elevator in both the up and down direction at inspection speed to check hoistway clearances. Check to be sure that all mounting bolts and/or nuts, and adjustment locknuts are securely tightened. Make several more runs at operating speed, then recheck float (if applicable) before returning elevator to service.
Models
SA-15
SA-8

9 7/16 in
(240mm)
MAXIMUM OVERALL
DEPTH
(MODEL SA-15)

7 7/16 in
(189mm)
FROM FACE OF RAIL
(MODELS SA-15 & SA-8)

8 1/4 in
(210mm)
MAXIMUM OVERALL
DEPTH
(MODELS SA-15 & SA-8)

1 1/16 in
(27mm)

5 1/2 in
(140mm)

2 3/4 in
(70mm)

11/16 in
(18mm)

3 in
(76mm)

2 1/4 in
(57mm)

7 in
(178mm)
MAXIMUM OVERALL
WIDTH

TEMPLATES SHOWN ACTUAL SIZE

SHOWN ON 8# RAIL
MODEL SA-15 TO BE USD ON 15# RAIL ONLY
Swivel Sliding Guide Shoes
Specifications

Swivel Guide Shoe Style and Dimensions

<table>
<thead>
<tr>
<th>Model</th>
<th>Gib Style</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
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</thead>
<tbody>
<tr>
<td>SD-15</td>
<td>HI-WALL</td>
<td>10” (254mm)</td>
<td>9” (229mm)</td>
<td>7” (178mm)</td>
<td>5 1/2” (140mm)</td>
<td>3” (76mm)</td>
<td>2 1/4” (57mm)</td>
<td>7 1/8” (181mm)</td>
<td>6 1/8” (156mm)</td>
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<tr>
<td>SA-8</td>
<td>LO-WALL</td>
<td>8” (203mm)</td>
<td>7” (178mm)</td>
<td>5 1/2” (140mm)</td>
<td>3” (76mm)</td>
<td>2 1/4” (57mm)</td>
<td>7” (178mm)</td>
<td>6 1/8” (156mm)</td>
<td></td>
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<tr>
<td>SC-8</td>
<td>LO-WALL</td>
<td>10” (254mm)</td>
<td>7 5/8” (194mm)</td>
<td>4 1/4” (108mm)</td>
<td>2 3/8” (60mm)</td>
<td>2 3/8” (60mm)</td>
<td>1 1/2” (38mm)</td>
<td>6 5/8” (168mm)</td>
<td>6 1/8” (156mm)</td>
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<tr>
<td>SD-8</td>
<td>LO-WALL</td>
<td>7” (178mm)</td>
<td>6 3/4” (171mm)</td>
<td>4 1/4” (108mm)</td>
<td>2 3/8” (60mm)</td>
<td>2 3/8” (60mm)</td>
<td>1 1/2” (38mm)</td>
<td>5 3/4” (146mm)</td>
<td>3 3/4” (95mm)</td>
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Note: All metric dimensions are rounded off to the nearest millimeter

Rail Gib Style and Dimensions
Available in Nylon or Molybdenum Disulfide-Filled Nylon

<table>
<thead>
<tr>
<th>Model</th>
<th>Gib Style</th>
<th>I</th>
<th>J</th>
<th>K</th>
<th>L</th>
<th>M</th>
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<tbody>
<tr>
<td>SA-15</td>
<td>15 lb HI-WALL GIB</td>
<td>2 3/8” (60mm)</td>
<td>1 7/8” (48mm)</td>
<td>5/8” (16mm)</td>
<td>1 11/16” (43mm)</td>
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<td>SA-8</td>
<td>8 lb LO-WALL GIB</td>
<td>1 1/2” (38mm)</td>
<td>1” (25mm)</td>
<td>5/8” (16mm)</td>
<td>1 11/16” (43mm)</td>
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<tr>
<td>SC</td>
<td>8 lb LO-WALL GIB</td>
<td>1 3/8” (35mm)</td>
<td>1” (25mm)</td>
<td>5/8” (16mm)</td>
<td>1 3/8” (35mm)</td>
<td>5 1/2” (140mm)</td>
</tr>
</tbody>
</table>

*3/4” (19mm) Available for Model SA-15 and SA-8 Swivel Guides

Note: All metric dimensions are rounded off to the nearest millimeter

Swivel Guide Shoes

<table>
<thead>
<tr>
<th>Key</th>
<th>Req.</th>
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Molybdenum-Disulfide-Filled Gib Option for Added Abrasion Resistance:

<table>
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<th>Part #</th>
<th>Description</th>
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<tr>
<td>3</td>
<td>1</td>
<td>EF04126</td>
<td>EF04126 EF04126 EF04126</td>
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</table>

Notes:
Top Level Assembly for SA-15 Swivel Guide Shoe with Nylon Gib is EF04113.
Top Level Assembly for SA-15 Swivel Guide Shoe with Moly-Filled Gib is EF04114.
Top Level Assembly for SA-8 Swivel Guide Shoe with Nylon Gib is EF04111.
Top Level Assembly for SA-8 Swivel Guide Shoe with Moly-Filled Gib is EF04112.
Top Level Assembly for SC-8 Swivel Guide Shoe with Nylon Gib is EF04115.
Top Level Assembly for SC-8 Swivel Guide Shoe with Moly-Filled Gib is EF04116.
Top Level Assembly for SD-8 Swivel Guide Shoe with Nylon Gib is EF04117.
Top Level Assembly for SD-8 Swivel Guide Shoe with Moly-Filled Gib is EF04118.
Adjustable Stop Kits are available as an option for all swivel guide shoe models under part no. EC18412.

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