



SWIVEL SLIDE GUIDES

Slide Guides with dynamic performance features

At ELSCO, we are ride quality! When a slide guide is called for, ELSCO's unique swivel slide guides with spring suspension and an adjustable stop for post-to-post car control allow car float and provide damping that cannot be achieved with traditional fixed slide guide shoes.

Designed for elevator cars and counterweights up to 10,000 lb capacity in low-rise buildings.

ELSCO's slide guides are a two-piece swivel design with an adjustable stop and spring damping in the post-to-post direction, along with premium molybdenum-disulfide-filled nylon gib inserts.

Engineered and tested to meet ASME A17.1/CSA B44 and EN 81 standards (meet ASME 17.1-2013 and newer standards when installed with ASME adapter plates) ELSCO's swivel slide guides are constructed from precision machined, ductile iron castings and are assembled using quality parts to ensure your elevator ride will **GO UNNOTICED!**

CONTROLLED RIDE QUALITY AND FLOAT

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 Adjustable Stop

- › Controls the overall float of the elevator car between the rails in a post-to-post direction
- › Allows for precise final adjustments to deal with troublesome hoistway issues

REDUCE NOISE AND HARSHNESS

3 Self-Lubricating Low-Friction Gibs

- › Nylon gibs are impregnated with molybdenum disulfide, a solid lubricant that enhances durability and minimizes friction on non-lubricated rails
- › Guides can be ordered with gibs for 5/8" (16 mm) or 3/4" (19 mm) rails. The SD-8 is only available with gibs for 5/8" (16 mm) rails

4 Lubricated Swivel Hub

- › ELSCO's two-piece design allows for lubrication between the bracket and the hub, which reduces friction, allows the hub to move smoothly and improves the ride quality
- › Use the grease fitting to add lubricant during scheduled maintenance

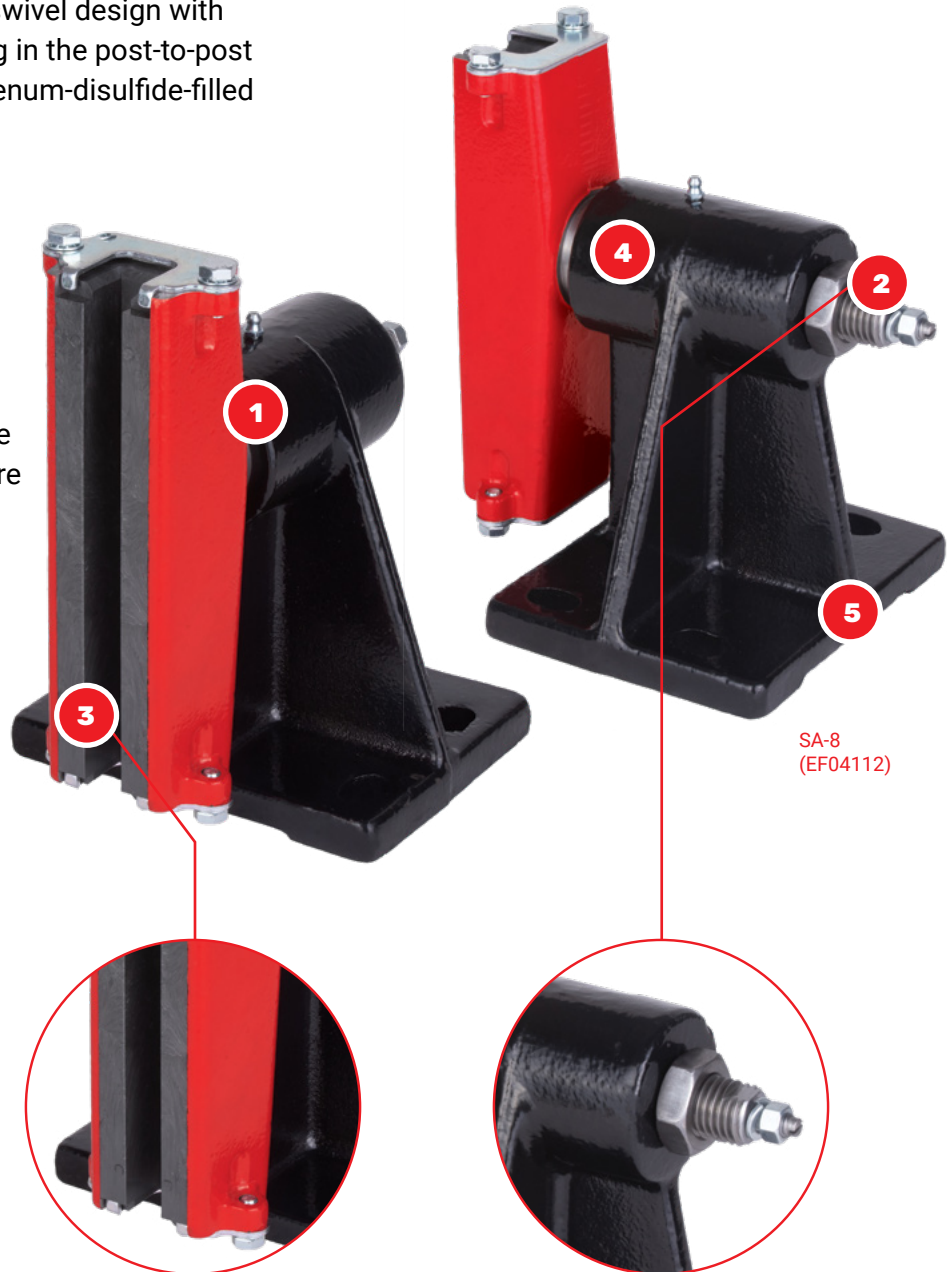
DURABLE, ENGINEERED DESIGN

5 Robust Components

- › Precisely machined castings ensure the final assembly is of the highest quality
- › Tested to meet applicable codes and standards ensuring the guides provide a lifetime of reliable performance

COUNTERWEIGHT APPLICATIONS

- › ELSCO's swivel slide guides are also a budget-friendly counterweight solution and can be used at speeds up to 350 fpm and capacities up to 10,000 lb



Use the counterweight or car table depending on the slide guide usage. Find the intersection of the car or counterweight's speed and capacity to confirm the slide guide is recommended for the application.

		PASSENGER CAR PLATFORM UP TO 10' WIDE X 8' DEEP/ (3050 mm X 2440 mm)				HOSPITAL CAR PLATFORM UP TO 6' WIDE X 10' DEEP/ (1830 mm X 3050 mm) FREIGHT/SERVICE CAR PLATFORM UP TO 10' WIDE X 8' DEEP/ (3050 mm X 2440 mm)				PASSENGER, HOSPITAL, FREIGHT/SERVICE CAR COUNTERWEIGHT			
CAPACITY		100 fpm SPEED m/s	200	250	350	100	200	250	350	100	200	250	350
		0.5	1.0	1.25	1.75	0.5	1.0	1.25	1.75	0.5	1.0	1.25	1.75
≤3,500 lb 1,600 kg		SA-8 (8# - 15#, 18# rails) OR SA-15 (15#, 18# rails)				SA-8 (8# - 15#, 18# rails) OR SA-15 (15#, 18# rails)				SD-8 (8# - 15# rails)			
4,000 lb 1,800 kg													
5,000 lb 2,300 kg													
6,000 lb 2,700 kg													
7,000 lb 3,200 kg													
8,000 lb 3,600 kg		SA-15 (15#, 18# rails)				SC-8 (8# - 15#, 18# rails)							
10,000 lb 4,500 kg													

● Compatible ● Check Clearance

[illegible]

- For elevators with higher capacity and speed applications, or if the car is heavily leaning or unbalanced, contact ELSCO Customer Service for guide selection recommendations
- Must be installed with an ASME adapter plate if required to comply with ASME A17.1-2013 and newer standards unless installed with Flex-Mount™, Seismic Flex-Mount™ or seismic adapter plates

Flex-Mount™ for SC-8, SD-8



(EA07100)



(EC07100)

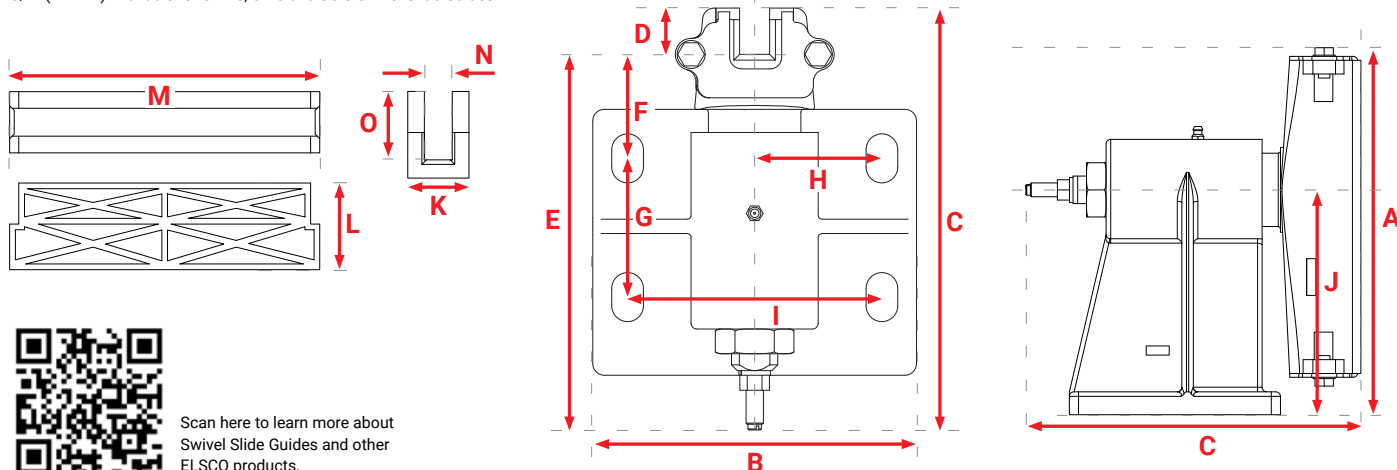
Seismic plates must be installed if the guide is used to meet the elevator seismic requirements per ASME A17.1/CSA B44.19, section 8.4 in seismic risk zones 2 or greater. Seismic Flex-Mount™ Adjustable Adapter Plates can be used when mounting to pre-existing bolt patterns.

		RAIL SIZES						
ISO/ASME		T89 / 8#	T114 / 11#	T125 / 12#	T127-1 / 12#	T127-2 / 15#	T140-1 / 18#	
PART #	SA-15	Seismic Retainer Plate					EB06015	EB06018
	SA-8		EB06008	EB06015 				
	SA-15	Seismic Flex-Mount™					EA07100-S-15	EA07100-S-18
	SA-8		EA07100-S-08	EA07100-S-15 				
	SD-8	Seismic Retainer Plate	ED06008	ED06015 			ED06015	ED06018
	SC-8							
	SD-8	Seismic Flex-Mount™	EC07100-S-08	EC07100-S-15 			EC07100-S-15	EC07100-S-18
	SC-8							

CRITICAL DIMENSIONS

	CAR SLIDE GUIDES		COUNTERWEIGHT SLIDE GUIDES	
	SA-15 (EF04114)	SA-8 (EF04112)	SC-8 (EF04116)	SD-8 (EF04118)
GUIDE MEASUREMENTS				
A - Height, overall	10" (254 mm)	10" (254 mm)	10" (254 mm)	6-7/8" (174 mm)
Height, overall with optional Flex-Mount™	13" (329 mm)	13" (329 mm)	12-7/16" (316 mm)	9-5/16" (236 mm)
Height, overall with optional Seismic Plate or ASME adapter plate	10-1/2" (267 mm)	10-1/2" (267 mm)	10-1/2" (267 mm)	7-3/8" (187 mm)
B - Width, overall	7" (178 mm)	7" (178 mm)	4" (102 mm)	4" (102 mm)
C - Depth, overall	10-1/4" (260 mm)	9-1/8" (232 mm)	9-1/8" (232 mm)	8-5/16" (211 mm)
D - Distance from front to face of rail	1-7/8" (48 mm)	1" (25 mm)	1" (25 mm)	1-1/16" (26 mm)
E - Depth, from face of rail	8-3/8" (213 mm)	8-1/8" (206 mm)	8-1/8" (206 mm)	7-5/16" (185 mm)
BOLT SLOT LOCATIONS				
F - Depth, from face of rail to center of bolt slot	2-1/4" (57 mm)	2-1/4" (57 mm)	1-1/2" (38 mm)	1-1/2" (38 mm)
G - Distance between bolts on center, y-axis (post-to-post)	3" (76 mm)	3" (76 mm)	2-3/8" (60 mm)	2-3/8" (60 mm)
H - Distance from center of gib to center of bolt slot	2-3/4" (70 mm)	2-3/4" (70 mm)	1-3/16" (30 mm)	1-3/16" (30 mm)
I - Distance between bolts on center, x-axis	5-1/2" (140 mm)	5-1/2" (140 mm)	2-3/8" (60 mm)	2-3/8" (60 mm)
J - Distance from bottom of base to center of hub	6-1/8" (156 mm)	6-1/8" (156 mm)	6-1/8" (156 mm)	3-3/4" (95 mm)
MOUNTING BOLT SLOTS				
Number of bolt slots	4	4	4	4
Bolt slot dimensions	1-1/16" x 11/16" (27 mm x 17 mm)	1-1/16" x 11/16" (27 mm x 17 mm)	1-1/16" x 11/16" (27 mm x 17 mm)	1-1/16" x 11/16" (27 mm x 17 mm)
WEIGHT				
Each guide	26 lb (11.8 kg)	23.9 lb (10.8 kg)	17.55 lb (8.0 kg)	11.49 lb (5.2 kg)
GIBS				
Gib part number	EF04127	EF04125	EF04129	
K - Width, overall	1-11/16" (43 mm)	1-11/16" (43 mm)	1-3/8" (35 mm)	
L - Depth, overall	2-3/8" (60 mm)	1-1/2" (38 mm)	1-3/8" (35 mm)	
M - Length	8-1/2" (216 mm)	8-1/2" (216 mm)	5-1/2" (140 mm)	
N - Width, inside	5/8" (16 mm)*	5/8" (16 mm)*	5/8" (16 mm)	
O - Depth, inside	1-7/8" (48 mm)	1" (25 mm)	1" (25 mm)	

*3/4" (19 mm) Available for SA-15, SA-8 and SC-8 Swivel Slide Guides



Scan here to learn more about Swivel Slide Guides and other ELSCO products.