



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 adjustable stops for post-wise car control, allow car float and provide dampening that can't be achieved with traditional fixed slide guide shoes.

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

ELSCO's slide guides are a 2-piece swivel design with adjustable stops and spring dampening in a post-wise direction, along with premium molybdenum-disulfide-filled nylon gib inserts.

Engineered and tested to meet ASME A17.1/CSA B44 and EN81 standards (meets 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 Nylon Gibs

- › Molybdenum-disulfide-filled nylon gibs have a graphite-like solid lubricant impregnated into the gib material that provides durability, and reduces friction on non-lubricated rails
- › Gibs are made to fit 5/8" (16 mm) rails, and can also be ordered to fit 3/4" (19 mm) rails

4 Lubricated Swivel Hub

- › ELSCO's 2-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 counterweight solution, and can be used at speeds up to 350 fpm, and at capacities up to 10,000 lbs



APPLICATIONS TABLE

Use the passenger car or passenger counterweight table depending on the slide guide usage. Find the intersection of the elevator 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 COUNTERWEIGHT			
fpm	100	200	250	350	100	200	250	350	100	200	250	350
SPEED												
m/s	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 lbs 1,600 kg	SA-8				SA-8				SD-8			
4,000 lbs 1,800 kg												
5,000 lbs 2,300 kg					SA-15				SC-8			
6,000 lbs 2,700 kg												
7,000 lbs 3,200 kg												
8,000 lbs 3,600 kg												
10,000 lbs 4,500 kg	SA-15											

SLIDE GUIDE RAIL COMPATIBILITY

● Compatible ◐ Check Clearance

		RAIL SIZES								
PART #	ISO ASME WIDTH	T82 5.75# 0.354" (9 mm)	T89 8# 5/8" (16 mm)	T90 5/8" (16 mm)	T114 11# 5/8" (16 mm)	T125 12# 5/8" (16 mm)	T127-1 12# 5/8" (16 mm)	T127-2 15# 5/8" (16 mm)	T140-1 18# 3/4" (19 mm)	T140-2 22# 1-1/8" (28.6 mm)
	SD-8, SC-8, SA-8		●	●	●	●	●	●		
	SA-15							●		
	Guides w/ 3/4" gib								●	

RECOMMENDATIONS AND SPECIAL CONDITIONS

- For elevators with higher capacity and speed applications, or if the car is heavily leaning or imbalanced, contact ELSCO Customer Service for guide selection recommendations

OPTIONAL ACCESSORIES

Flex-Mount™ for SA-8, SA-15

Flex-Mount™ for SC-8, SD-8



SEISMIC ACCESSORIES

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

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	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 HOLE LOCATIONS				
F - Depth, from face of rail to center of bolt hole	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 hole	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 HOLES				
Number of bolt holes	4	4	4	4
Bolt hole 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 lbs (11.8 kg)	23.9 lbs (10.8 kg)	17.55 lbs (8.0 kg)	11.49 lbs (5.2 kg)



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

