



MODEL E

Ride quality, simplicity, economy

Fixed roller guides the ELSCO way. Premium neoprene rollers and adjustability on all three wheels, provides easy installation and a smooth, quiet ride.

Designed for elevator cars with speeds up to 200 fpm and capacities up to 3,000 lb & for counterweights with speeds up to 500 fpm or 4,000 lb capacity, in low-rise buildings.

The Model E is a three-wheel fixed roller guide with adjustable eccentric wheel studs on the face and side rollers, and three premium 3-1/4" diameter neoprene roller wheels.

Engineered and tested to meet ASME A17.1/CSA B44 and EN 81 standards, ELSCO's Model E roller guide has a durable, precision-machined cast ductile iron base and is assembled using quality parts to ensure your elevator ride will **GO UNNOTICED.**



Model E
(EE02200)

SIMPLIFY INSTALLATION

1 Eccentric Wheel Studs

- › Allow the face and side roller wheels to be adjusted up to 1/8" (3.2 mm), ensuring the correct wheel force is applied to the rail, which absorbs vibration and reduces ride harshness

MINIMIZED NOISE AND VIBRATION

2 Neoprene Rubber Roller Wheels

- › Precision manufactured using ELSCO's proprietary neoprene rubber tread compound
- › 65A durometer tread dampens vibration and reduces noise
- › Precisely ground tread profile provides a balanced and concentric roller
- › High-memory tread characteristics prevent flat spotting
- › Excellent resistance to oils, chemicals and UV for extended life

3 Precision Ball Bearings

- › Industrial grade, high quality ball bearings will last for millions of cycles
- › Dual bearing construction provides the roller extra stability, ensuring a true ride, free of noise and vibration
- › Precision bearing press process during assembly at ELSCO ensures perfect fit, alignment and quality



ROBUST DESIGN

4 Durable, Precision Machined Casting

- › Precisely machined base casting ensures 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

- › The Model E Roller Guide is also recommended for use as a counterweight guide for speeds up to 500 fpm or capacities up to 4,000 lb

APPLICATIONS TABLE

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

		PASSENGER CAR PLATFORM UP TO 10' WIDE X 8' DEEP/ (3050 mm X 2440 mm)			PASSENGER CAR COUNTERWEIGHT		
SPEED		100	200	300	100	250	500
m/s		0.5	1.0	1.5	0.5	1.3	2.5
CAPACITY	≤ 2,000 lb 900 kg						
	2,500 lb 1,100 kg	●					
	3,000 lb 1,400 kg	●					
	3,500 lb 1,600 kg						
	4,000 lb 1,800 kg						
	4,500 lb 2,000 kg						
		Not every elevator is the same. If your application is not indicated in the red shaded area, please contact ELSCO Customer Service for expert application assistance.			● Red Polyurethane		

ROLLER GUIDE RAIL COMPATIBILITY

● Compatible ● Check Clearance

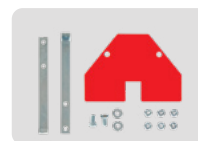
	RAIL SIZES							
ISO ASME WIDTH	T82 5.75# 0.354" (9 mm)	T89 8# 5/8" (16 mm)	T90 5/8" (16 mm)	T114 11# 5/8" (16 mm)	T125 12# 5/8" (16 mm)	T127-1 12# 5/8" (16 mm)	T127-2 15# 5/8" (16 mm)	T140-1 18# 3/4" (19 mm)
PART #	EE02200	●	●	●	●	●	●	

RECOMMENDATIONS AND SPECIAL CONDITIONS

- Suitable for use on hydraulic elevators
- 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

OPTIONAL ACCESSORIES

Cover Plate Kit



(EE02214)

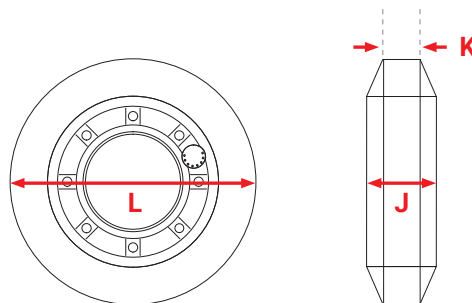
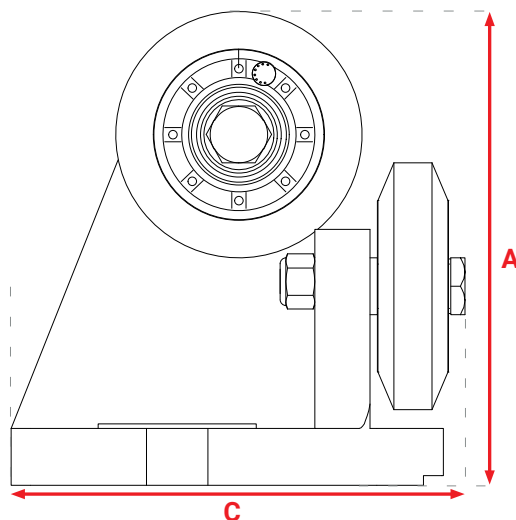
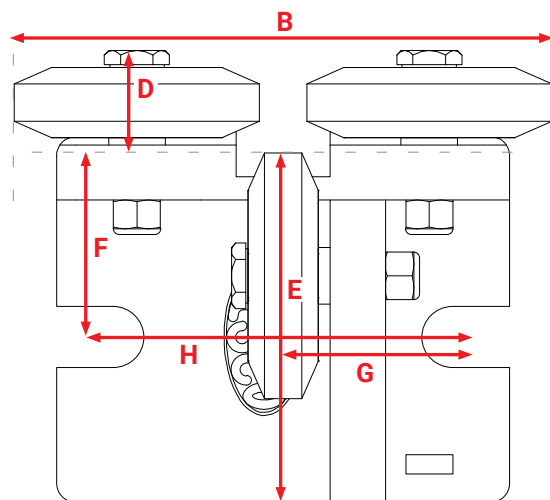
SEISMIC ACCESSORIES

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.

	RAIL SIZES				
ISO ASME	T89 8#	T114 11#	T125 12#	T127-1 12#	T127-2 15#
Seismic Retainer Plate	EE06008				EE06015

CRITICAL DIMENSIONS

GUIDE MEASUREMENTS	
A - Height, overall	6-1/4" (159 mm)
Height, overall with optional Seismic Plate	6-3/4" (171 mm)
Height, minimum clearance with optional Cover Plate	6-15/16" (177 mm)
B - Width, overall maximum	7-1/4" (184 mm)
C - Depth, overall maximum	6" (152 mm)
D - Distance from front to face of rail	1-3/8" (35 mm)
E - Depth, from face of rail	4-5/8" (117 mm)
BOLT SLOT LOCATIONS	
F - Depth, from face of rail to center of bolt slot	2-7/16" (62 mm)
G - Distance from center of face wheel to center of bolt	2-1/4" (57 mm)
H - Distance between bolts on center, x-axis	4-1/2" (114 mm)
MOUNTING BOLT SLOTS	
Number of bolt slots	2
Bolt slot dimensions	13/16" x 3/4" (21 mm x 19 mm)
WEIGHT	
Each guide	11.68 lb (5.31 kg)
ROLLER WHEELS	
J - Width at hub	15/16" (24 mm)
K - Neoprene tread width - face & side roller wheels	1/2" (12.7 mm)
L - Diameter	3-1/4" (83 mm)
Bearing I.D.	0.5906" (15 mm)
Runout (total indicator reading)	0.002" (0.051 mm)



Scan here to learn more about the Model E Roller Guide and other ELSCO products.