



MODELE

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 up to 200 fpm and 3,000 lbs capacity & for counterweights up to 500 fpm or 4,000 lbs 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 EN81 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 mm), ensuring the correct wheel pressure 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

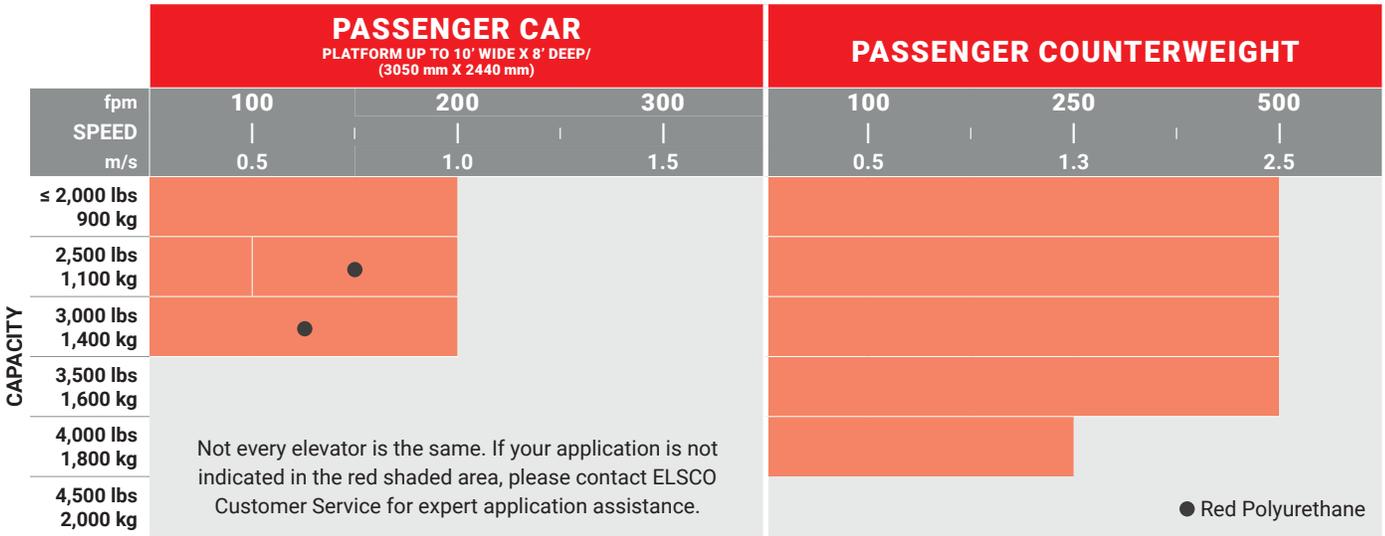
- › Precisely machined base casting ensures the final assembly is of the highest quality
- › Tested to meet applicable codes and standards ensuring the guides provide a lifetime of reliable performance

COUNTERWEIGHT APPLICATIONS

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

APPLICATIONS TABLE

Use the passenger car or passenger 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.



ROLLER GUIDE RAIL COMPATIBILITY

● Compatible ◐ Check Clearance

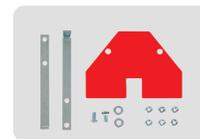
		RAIL SIZES							
ISO		T82	T89	T90	T114	T125	T127-1	T127-2	T140-1
ASME		5.75#	8#		11#	12#	12#	15#	18#
WIDTH		0.354" (9 mm)	5/8" (16 mm)	3/4" (19 mm)					
PART #	EE02200		●	●	●	●	●	●	

RECOMMENDATIONS AND SPECIAL CONDITIONS

- Suited for use on hydraulic elevators
- 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

Cover Plate Kit



(EE02214)

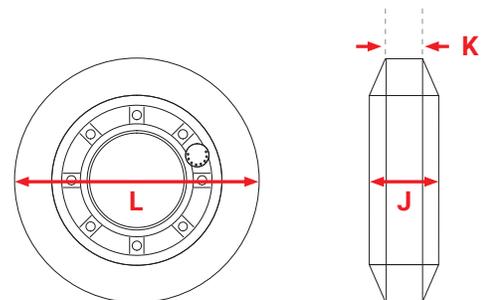
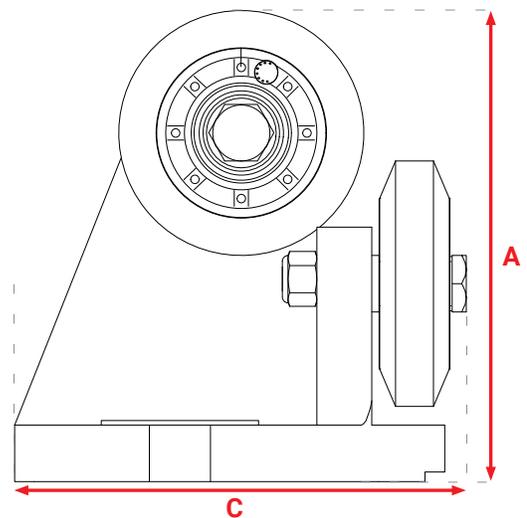
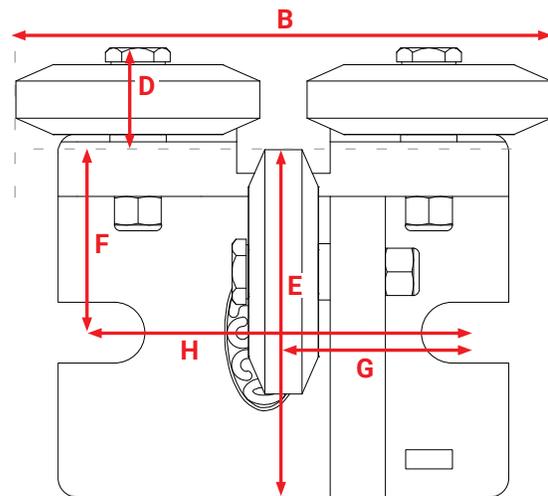
SEISMIC ACCESSORIES

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		T89	T114	T125	T127-1	T127-2
ASME		8#	11#	12#	12#	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 HOLE LOCATIONS	
F - Depth, from face of rail to center of bolt hole	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 HOLES	
Number of bolt holes	2
Bolt hole dimensions	13/16" x 3/4" (21 mm x 19 mm)
WEIGHT	
Each guide	11.68 lbs (5.31 kg)
ROLLER WHEELS	
J - Width at hub	15/16" (24 mm)
K - Neoprene tread width - face & side arm	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.