

A close-up photograph of an elevator component, likely a guide shoe or roller assembly. It features a black cast-iron frame, a red-painted metal arm, and a silver-colored roller wheel. A coiled spring is attached to the assembly. The background is a light gray grid pattern.

**GO  
UNNOTICED.**

**When elevator ride  
quality matters,  
trust the experts  
with over 70 years  
of experience.**

# ABOUT ELSCO

We are the industry leading manufacturer of elevator roller guides, swivel slide guides, and accessories. We have been manufacturing our comprehensive line of ride-quality enhancing and noise reducing products for over 70 years.



## WHY ELSCO?

ELSCO's comprehensive line of roller guides and swivel slide guides provides for virtually all lift load, speed and dimensional requirements. Every product detail has been carefully engineered to deliver optimum ride quality and ensure that even in the most challenging installations your ride will **GO UNNOTICED**.

At ELSCO we take pride in designing, engineering, testing, machining, and assembling our guides at our Headquarters located in Maryland, USA.

All guides comply with applicable codes and standards and deliver the strength and durability required to provide a lifetime of reliable performance.

Our world class products are supported by a highly knowledgeable Customer Service Team that is able to offer expert assistance on guide selection and ensure orders are processed and shipped quickly and efficiently.

# CALIBRE ROLLER GUIDES

ELSCO's Calibre roller guides are manufactured using quality components to deliver performance, ride quality, and exceptional value. These guides are designed to run on narrower rails than ELSCO's Classic roller guides and are ideal for installation in low- to mid-rise buildings.

All Calibre guides deliver:



### QUICK AND EASY INSTALLATION

- › Precise factory set-up for specific rail sizes
- › After the guide is positioned and secure, remove the face arm retention bolt, and the correct roller wheel force will be applied to the rail



### CONTROL OF CAR FLOAT

- › Precise factory set-up for specific rail sizes
- › Adjustable stops on face and side arms to control car float

### COMPATIBILITY WITH A RANGE OF RAILS

- › Designed for car rails T70 - T140-1 and counterweight rails from T45 - T70



### LOW NOISE AND VIBRATION

- › 85A durometer polyurethane roller wheels dampen vibration and reduce noise
- › Precisely molded and finished tread profile provides a balanced and concentric roller

## AVAILABLE MODELS



### C-150

- Car guide for low-to moderate speed lifts
- 150 mm polyurethane wheel roller guide

up to 1,800 kg up to 3.0 m/s



### C-80

- Counterweight or car guide for low- to moderate speed lifts
- 80 mm polyurethane wheel roller guide

up to 1,800 kg up to 3.0 m/s



# CLASSIC ROLLER GUIDES

ELSCO's classic roller guides offer a solution for lifts operating over a wide range of speeds and capacities. Designed for high-demand or high-speed applications they deliver the best possible ride quality when it is needed.

All Classic guides deliver:



## OPTIMIZED RIDE QUALITY

- › Adjustable product features compensate for hoistway imperfections
- › Independent stabilizing springs provide maximum adjustability to optimize reduction in peak-to-peak lateral forces which improves ride quality\*

› ELSCO's proprietary neoprene rubber tread compound dampens vibration and reduces noise

\* Except Model E



## DURABLE, ENGINEERED DESIGN

- › Robust castings provide a lifetime of reliable performance
- › Precision industrial grade ball bearings will last for millions of cycles
- › Engineered and tested to meet EN 81 standards

## MINIMIZED NOISE AND VIBRATION

- › Neoprene rubber roller wheels deliver the quietest ride
- › Precision industrial grade ball bearings result in less vibration

## AVAILABLE MODELS



### MODEL A

- 6-wheels for added stability at higher speeds
- Fully adjustable stabilizing springs on side & face arms
- Adjustable stop on face arm

 up to 4,500 kg  up to 4.0 m/s



### EXPRESS 3

- Elastomeric pivot bushings suppress vibration
- Fully adjustable stabilizing springs on all arms
- Adjustable stops on all arms

 up to 2,300 kg  up to 10.0 m/s



### MODEL B

- Fully adjustable stabilizing springs on all arms
- Adjustable stops on all arms

 up to 1,800 kg  up to 2.5 m/s



### EXPRESS 6

- 6-wheels for added stability at higher speeds
- Fully adjustable stabilizing springs on side & face arms
- Adjustable stop on face arm

 up to 2,700 kg  up to 10.0 m/s



### MODEL C

- 6-wheels for added stability at higher speeds
- Fully adjustable stabilizing springs on side & face arms
- Adjustable stop on face arm
- Compact and slim design

 up to 4,500 kg  up to 6.0 m/s



### MODEL E

- Fixed roller guide
- Adjustable eccentric wheel studs
- Suited for use on hydraulic lifts

 up to 1,800 kg  up to 2.5 m/s



### MODEL D

- Fully adjustable stabilizing springs on side & face arms
- Use as car guide on lower speed, lower capacity lifts

 up to 1,800 kg  up to 2.5 m/s



### SWIVEL SLIDE GUIDES

- Spring-loaded, swivel-mounted shoes
- Adjustable stop in post-to-post direction
- Self-lubricating molybdenum nylon gibs

 up to 4,500 kg  up to 1.75 m/s

# APPLICATIONS TABLE

Compare the lift speed, capacity, and rail size requirements with the performance specifications in the table to find the most appropriate guide for the application.

GUIDE MODEL	BUILDING TYPE	CAR / COUNTERWEIGHT	CAPACITY (kg)	CAPACITY (lbs)	SPEED (m/s)	SPEED (fpm)	RAIL COMPATIBILITY*	NO. WHEELS	WHEEL DIAMETER (mm)	WHEEL DIAMETER (ins)
C-150	Low - Mid Rise	Car	up to 1,800	up to 4,000	up to 3.0	up to 600	T70 - T140-1	3	150	5.9
C-80	Low - Mid Rise	Counterweight / Car	up to 1,800	up to 4,000	up to 3.0	up to 600	T45 - T127-2	3	80	3.1
Express-6	High-Rise	Car	up to 2,700	up to 6,000	up to 10	up to 2,000	T114 - T140-3	6	254	10
Express-3	High-Rise	Car	up to 2,300	up to 5,000	up to 10	up to 2,000	T89 - T140-3	3	254	10
Model A	Mid - High Rise	Car	up to 4,500	up to 10,000	up to 4.0	up to 800	T90 - T140-3	6	152	6
Model B	Low - Mid Rise	Car	up to 1,800	up to 4,000	up to 2.5	up to 500	T90 - T140-3	3	152	6
Model C	Mid - High Rise	Counterweight	up to 4,500	up to 10,000	up to 6.0	up to 1,200	T89 - T140-1	6	83	3.25
Model D	Low - Mid Rise	Counterweight	up to 1,800	up to 4,000	up to 2.5	up to 500	T89 - T140-1	3	83	3.25
Model E	Low Rise	Car / Counterweight	up to 1,800	up to 4,000	up to 2.5	up to 500	T89 - T127-2	3	83	3.25
SA-8	Low Rise	Car	up to 3,600	up to 8,000	up to 1.75	up to 350	T89 - T127-2	Slide Guide	Slide Guide	N/A
SA-15	Low Rise	Car	up to 4,500	up to 10,000	up to 1.75	up to 350	T127-2	Slide Guide	Slide Guide	N/A
SD-8	Low Rise	Counterweight	up to 1,800	up to 4,000	up to 1.75	up to 350	T89 - T127-2	Slide Guide	Slide Guide	N/A
SC-8	Low Rise	Counterweight	up to 4,500	up to 10,000	up to 1.75	up to 350	T89 - T127-2	Slide Guide	Slide Guide	N/A

\*Always check clearances before installing roller guide

## PARTS & ACCESSORIES



### FLEX-MOUNT™ ADJUSTABLE ADAPTER PLATES

Save time and money on roller guide conversions with Flex-Mount™ Adjustable Adapter Plates.

Flex-Mount™ makes it quicker, easier, and cheaper to install ELSCO roller guides when the existing bolt pattern and ELSCO bolt pattern do not line up.

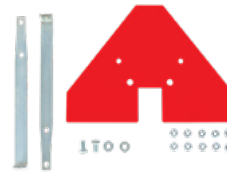
Seismic Flex-Mount™ Adjustable Adapter Plates are also available for use in seismic zones, when mounting to pre-existing bolt patterns.

### SEISMIC ACCESSORIES



Seismic retainer plates must be installed if the guide is used to meet the lift seismic requirements per EN 81-77 and ASME A17.1/CSA B44.19, section 8.4, in seismic risk zones 2 or greater.

Seismic retainer plates are available for the full line of ELSCO roller guides.



### COVER PLATE KITS

Cover plate kits are available for all ELSCO roller guides.

These cover plates protect the roller guides from dust and debris, prolonging service life.

### ROLLER WHEELS



ELSCO roller wheels offer the best combination of superior tread material, precision manufacturing, and quality control to optimize ride quality.

Roller wheels are available in three compounds, neoprene, red polyurethane and green polyurethane, with durometers formulated for different applications.

### SPARE PARTS

ELSCO offers a wide range of replacement parts and hardware for any repairs that are recommended to be carried out in the field.

Scan here to learn more about ELSCO roller guides and other products.

