

Flex-Mount™

Adjustable Adapter Plates



Make the install as smooth as the ride...



BENEFITS OF FLEX-MOUNT™

SAVE TIME

- > Quicker installation
- > Less elevator downtime
- > Less opportunity for errors

SAVE MONEY

- > Reduce labor costs
- > Reduce service costs
- > Avoid unplanned costs

COMPLY WITH REGULATIONS

- > Precision engineered adapter plate solution
- > Meet ASME, CSA requirements

Flex-Mount™ is an innovative, patented hardware kit designed specifically to allow ELSCO roller guides to mount on a range of pre-existing bolt patterns, without the need to take accurate measurements, create drawings, and fabricate custom adapter plates.

When properly installed Flex-Mount™ adapter plates also allow for ASME & seismic zone requirements to be met.

During elevator modernization projects, unexpected labor requirements often drive up costs and can delay completion of the project. This can occur when mounting roller guides to pre-existing mounting bolt patterns that do not match. Flex-Mount™ adapter plates save time, money, and frustration. There is no need to wait around for custom fabricated adapter plates because Flex-Mount™ adjusts to the existing bolt and roller guide pattern. Engineered to adapt to crooked or non-square bolt patterns, and varying rail face-to-front bolt distances, Flex-Mount™ makes installation simple, fast, and easy.

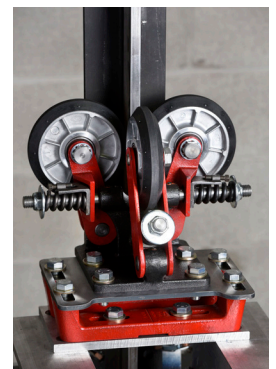
Flex-Mount™ adapter plates have also been designed to comply with ASME A17.1-2013, CSA B44/19 and EN81 regulations, and when installed correctly, deliver safety and peace of mind. Seismic Flex-Mount™ adapter plates meet application requirements in seismic zones 2, 3, or greater.

HOW DOES FLEX-MOUNT™ WORK?

Slots in the plate and brackets allow for a variety of 4-bolt pattern widths and depths.

Installation is easy:

1. Align and bolt the two bracket bars into the existing mounting holes
2. Align and bolt the plate on top of the bracket bars
3. Align and bolt the roller guide to the plate



Note: In certain seismic applications, pinning is required

PRODUCT RANGE

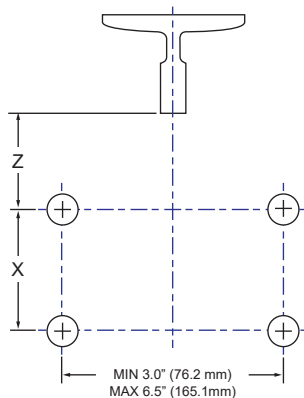
Flex-Mount™ Standard Part Numbers		Maximum Capacity	Height	Guide Compatibility
Car	EA07100	10,000 lbs (4,500 Kg) elevators and counterweights	2.96" (75.2mm)	Model A, B, Express 3, SA-8, SA-15
Counterweight (Limited Car applications)	EC07100	10,000 lbs (4,500 Kg) for most counterweights, 3,500 lbs (1,500 Kg) for applications w/ instantaneous safeties in EN zone 3,500 lbs (1,500 Kg) elevators Class A loading only, 2,000 lbs (900 Kg) elevators Class C1 loading only	2.44" (62mm)	Model C, D, SC-8, SD-8

Seismic Flex-Mount™ Part Numbers		Maximum Capacity	Height	Guide Compatibility
Car 15# Rail	EA07100-S-15	5,000 lbs (2,270 Kg) elevators and counterweights	2.96" (75.2mm)	Model A, B, Express 3, SA-8, SA-15
Car 18# Rail	EA07100-S-18			
Car 22# Rail	EA07100-S-22			
Car 30# Rail	EA07100-S-30			
Counterweight 8# Rail	EC07100-S-08	5,000 lbs (2,270 Kg) counterweights	2.44" (62mm)	Model C, D, SC-8, SD-8
Counterweight 15# Rail	EC07100-S-15			
Counterweight 18# Rail	EC07100-S-18			

Included with each Flex-Mount™: (1) Flex-Mount™ plate, (2) brackets, (8) Grade 8 mounting bolts and (8) washers. Seismic Flex-Mount™ Adapters also include (2) grooved dowel pins. Flex-Mount™ comes in boxes of 2 complete units. Customer must supply ASME-compliant mounting hardware.

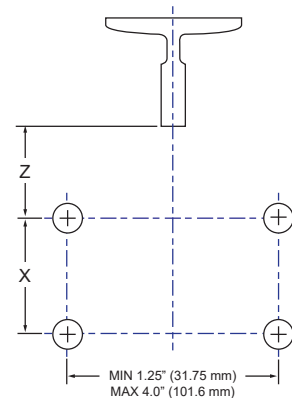
COMPATIBILITY WITH EXISTING MOUNTING PATTERNS

BOLT PATTERNS FOR ELEVATOR CAR GUIDES



Z, Front Bolt-to-Rail Face	X, Front-to-Rear Bolt	
increments of 1/4"	min	max
1 5/8" (41.3 mm)	2 1/2" (63.5 mm)	5 1/4" (133.4 mm)
1 7/8" (47.6 mm)	2 1/2" (63.5 mm)	5" (127.0 mm)
2 1/8" (54.0 mm)	2 1/2" (63.5 mm)	4 3/4" (120.7 mm)
2 3/8" (60.3 mm)	2 1/2" (63.5 mm)	4 1/2" (114.3 mm)
2 5/8" (66.7 mm)	2 1/2" (63.5 mm)	4 1/4" (108.0 mm)
2 7/8" (73.0 mm)	2 1/2" (63.5 mm)	4" (101.6 mm)
3 1/8" (79.4 mm)	2 1/2" (63.5 mm)	3 3/4" (95.3 mm)
3 3/8" (85.7 mm)	2 1/2" (63.5 mm)	3 1/2" (88.9 mm)
3 5/8" (92.1 mm)	2 1/2" (63.5 mm)	3 1/4" (82.6 mm)
3 7/8" (98.4 mm)	2 1/2" (63.5 mm)	3" (76.2 mm)
4 1/8" (104.8 mm)	2 1/2" (63.5 mm)	2 3/4" (69.9 mm)
4 3/8" (111.1 mm)	2 1/2" (63.5 mm)	2 1/2" (63.5 mm)

BOLT PATTERNS FOR COUNTERWEIGHT GUIDES



Z, Front Bolt-to-Rail Face	X, Front-to-Rear Bolt	
increments of 1/4"	min	max
1 1/2" (38.1 mm)	2 1/8" (54.0 mm)	4 1/8" (104.8 mm)
1 3/4" (44.5 mm)	2 1/8" (54.0 mm)	3 7/8" (98.4 mm)
2" (50.8 mm)	2 1/8" (54.0 mm)	3 5/8" (92.1 mm)
2 1/4" (57.2 mm)	2 1/8" (54.0 mm)	3 3/8" (85.7 mm)
2 1/2" (63.5 mm)	2 1/8" (54.0 mm)	3 1/8" (79.4 mm)
2 3/4" (69.9 mm)	2 1/8" (54.0 mm)	2 7/8" (73.0 mm)
3" (76.2 mm)	2 1/8" (54.0 mm)	2 5/8" (66.7 mm)
3 1/4" (82.6 mm)	2 1/8" (54.0 mm)	2 3/8" (60.3 mm)
3 1/2" (88.9 mm)	2 1/8" (54.0 mm)	2 1/8" (54.0 mm)

Flex-Mount™ Adjustable Adapters can dramatically reduce installation time in many situations, but not all elevators are suitable. Please contact us for more information.