

# ELB-75 Retiring Ramp

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The most flexible and compact retiring ramp solution available on the market.



# ELB-75 Retiring Ramp

Since the launch of the first version of ELB-75 over 40 years ago the solution has been established as the predominant retiring ramp solution in the Nordic countries with an estimated installed base of more than twenty thousand units.

## System overview

By using a magnet separated from the actual ramp we are able to present a solution combining a strong opening force – adjustable up to 70N – with a very compact and easy-to-mount ramp.



Typically the magnet is mounted on the car roof, but a sometimes very useful option is to place it below the car. We recommend the dampened version of the magnet to minimise noise.

By using a chain for power transfer the positioning gets very flexible, allowing for both non-aligned and rotated relative positions.



## Mini for increased security

In order to prevent unintended unlocking of the landing doors we provide a Mini-version of the ELB-75 with a cam just 30 mm long.

If the car has stopped outside the opening zone the cam will not hit the roller of the swing door lock, i.e. the landing door will remain locked.



## Specifications

- Stroke length 22 mm (w/o dampening 30 mm)
- Cam length
  - Standard 300 mm
  - Mini 30 mm
- Opening force 70N
- Voltage 230 VAC, 24/36/48/60/110/130/145 VDC
- Power consumption 60W

## Measures

### Ramp

- Standard 455x37x96 mm (LxWxD)
- Mini 335x37x84 mm (LxWxD)
- Weight 1 kg

### Magnet

- All models 280x100x120 (LxWxH)
- Arm length 100 mm
- Weight 6 kg

# Key accessories and variants

## Mounting plate

By using our multi-function mounting plate you will achieve improved flexibility when installing the ELB-75.

The mounting plate also provides integrated guide lugs to force the lock roller back into locked position as the car leaves the floor. Just turn the plate around if this function is not required!

The mounting plate is delivered with complete set of screws.

Total length of 295 mm and a weight of 6,5

kg, with all other specifications and options of the standard solution.



## SHL-Special for no space

Sometimes there are no way around the use of linking arms, even if it means swing door locks need to be replaced.

For those situations the ELB-75 SHL-Special will be the solution.



## SHL-I for narrow space

Sometimes mounting of the cam might be extremely hard, if not impossible. By using the SHL-I concept you will move the fixing points away from the narrow area just by the lock.

This allows for a direct actuation solution, avoiding complex and vulnerable solutions with linking arms or wires.

The standard length of the mounting rod is 1200 mm.





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