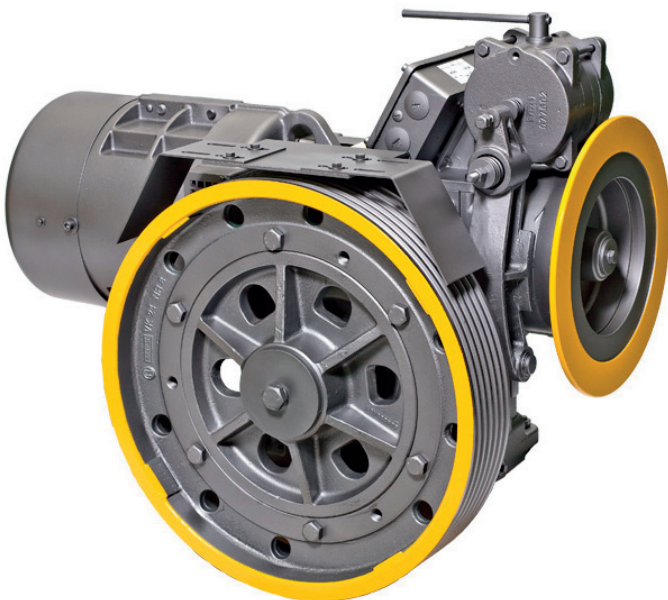


## KONE MR12 AND MR17 HOISTING UNITS

# Modernization of elevator hoisting

**Fast installation**

The KONE MR12 and MR17 hoisting units are designed for modular modernization of elevators in residential, small hotel and small office buildings. These hoisting units have been designed to minimize installation time. The adapter bedplate enables replacement of most old hoisting units without engineering and welding on site. The adapter bedplate is added between the old bedplate and adjusted for the new hoisting unit.



*This modular hoisting unit solution is designed for quick installation when modernizing elevators in residential, small hotel and small office buildings.*

**KEY BENEFITS**

Complete modernization solutions for hoisting machines

**Safe**

- Complies with EN81-80 safety codes
- Asbestos-free brake linings
- Equipped with dual-action independent brakes. One brake shoe ensures stoppage of elevator with full load.
- Exceptional ride comfort and leveling accuracy

**Reduced downtime**

- Minimized installation time and easy maintenance
- KONE adapter bedplate enables replacement of most old hoisting units without engineering and welding on site

**Flexible**

- Core package consists of hoisting machine, bedplate and ropes
- Optional: ascending car overspeed protection together with rescue kit for manual passenger release in event of power failure

**Reliable**

- Typical hoisting function lifetime - 25 years

**Flexible solution**

The KONE hoisting unit solution consists of the core package, with optional additional components available. The core package includes the hoisting unit - either the MR12 or MR17 - and the machinery electrification, bedplate and ropes.

The MR12 and MR17 gears are compact, high-performance hoisting units. They are available with several motor sizes and traction sheave diameters, depending on the desired speed and load. The hoisting machines are fitted with dual action brakes which activate independently. One brake shoe is enough to stop the elevator with a full load.

**Optional equipment**

The optional equipment includes the diverting pulley, rope fixings, isolation pads, overspeed governor, tension weight and buffers. The overspeed governor can be adjusted for either 0.63 or 1.0 m/s, or for other nominal speeds.



**Specifications**

|              | MR12   |         | MR17     |          |
|--------------|--------|---------|----------|----------|
| Roping ratio | 1:1    | 2:1     | 1:1      | 2:1      |
| Speed (max)  | 1 m/s  | 1 m/s   | 1.78 m/s | 1.78 m/s |
| Load (max)   | 630 kg | 1000 kg | 1000 kg  | 2000 kg  |

For more information go to [www.kone.com](http://www.kone.com)