



**NEW.**  
Now with  
optimised arm  
system in XEA  
design

## dormakaba ED 100/ED 250 swing door operators

### **A strong operator**

Whether convenient access to entrance doors, secure fire doors individually or as a system solution for emergency exit and escape routes – the dormakaba ED 100/ED 250 swing door operators make all this possible.

The operator has compact dimensions and can be easily adapted to individual requirements thanks to its modular structure. It is a strong operator which combines safety and functionality all around the door.

All in all, the ED 100/ED 250 offers a system that has been thought through from planning and mounting to use, so that it can be implemented universally.

### **New arm system in XEA design**

In order to further improve the quality and durability of the swing door operators, a new arm system has been developed in the modern dormakaba XEA design.

In addition to its visual appearance, the new system offers many advantages in terms of technology, installation, user safety and durability.

**New:** also available in the push-version of the slide channel for use on fire doors.

The new arm is available for the familiar standard arm and slide channel system versions.

### **The dormakaba XEA design**

The XEA design concept is based on a comprehensive, standardised philosophy, consistently taking into account our own requirement for compatibility, high quality, innovation, perfection and aesthetics as stipulated in ten points.

XEA combines dormakaba's product and corporate worlds to form a universal design that speaks a recognisable language in terms of content and visual presence.

# The new arm system for ED 100/ED 250 – An overview of the new features

## New technology

- Arm system and axis with multi-tooth geometry
- Optimisation of power distribution in the gear
- Multi-tooth axle moveably mounted
- Greater tolerance at the connection points

## New functionalities

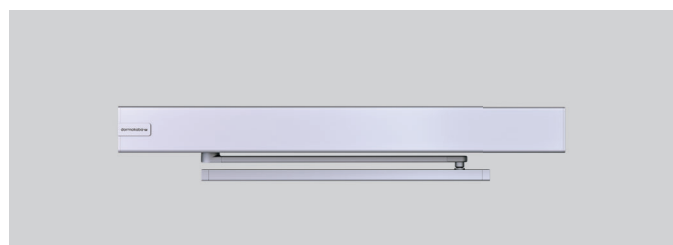
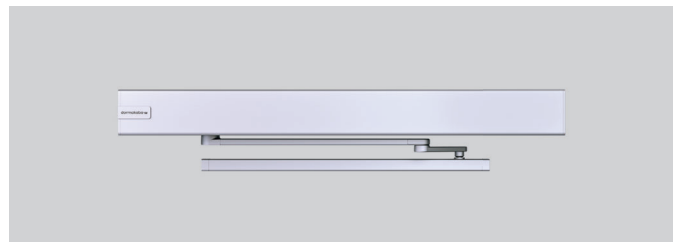
- ED 250 with closer size EN 4-7
- Slide channel pushes on fire doors up to EN 4

## Simple installation

- Less complex thanks to fewer components
- The arm, which can be pulled out easily, makes it easier to adjust and calibrate the operator system.

## New design

- Same outer contour for upper and lower arm
- Paintable axle extension
- Fully covered screws
- Matching shapes and contours enable a harmonious and modern product design



## Advantages for:

### Architect

- Reliable planning: flexible construction due to modular ED 100/ED 250 system
- Design: XEA design, same contours, no visible screws, axle extension now also available in operator colour
- Advanced functions: Slide channel pushes on fire and smoke doors
- Fire and smoke doors up to 1,600 mm door width (EN 7)

### End user/facility operator

- Design: XEA design, same contours, no visible screws, axle extension now also available in operator colour
- Safety: safe operation thanks to cover cap with integrated anti-trap protection on the arm
- Improved technology can increase system longevity

### Trade/retailers

- Less storage space possible – now only one variant of the ED 250
- Advanced functions: Slide channel pushes on fire and smoke doors
- Fire and smoke doors up to 1,600 mm door width (EN 7)

### Installers

- Simplified installation of the arm system without special tools (due to reduced tightening torques)
- Identical mounting positions as before (only EN 7 offset)
- Simple mounting due to identical components, no need for slide channel housing, standard arm now with telescopic adjustment
- Fewer variants: now only one ED 250 variant
- Safety: Cover cap with integrated anti-trap protection on the arm
- Advanced functions: Slide channel pushes on fire and smoke doors
- Fire and smoke doors up to 1,600 mm door width (EN 7)