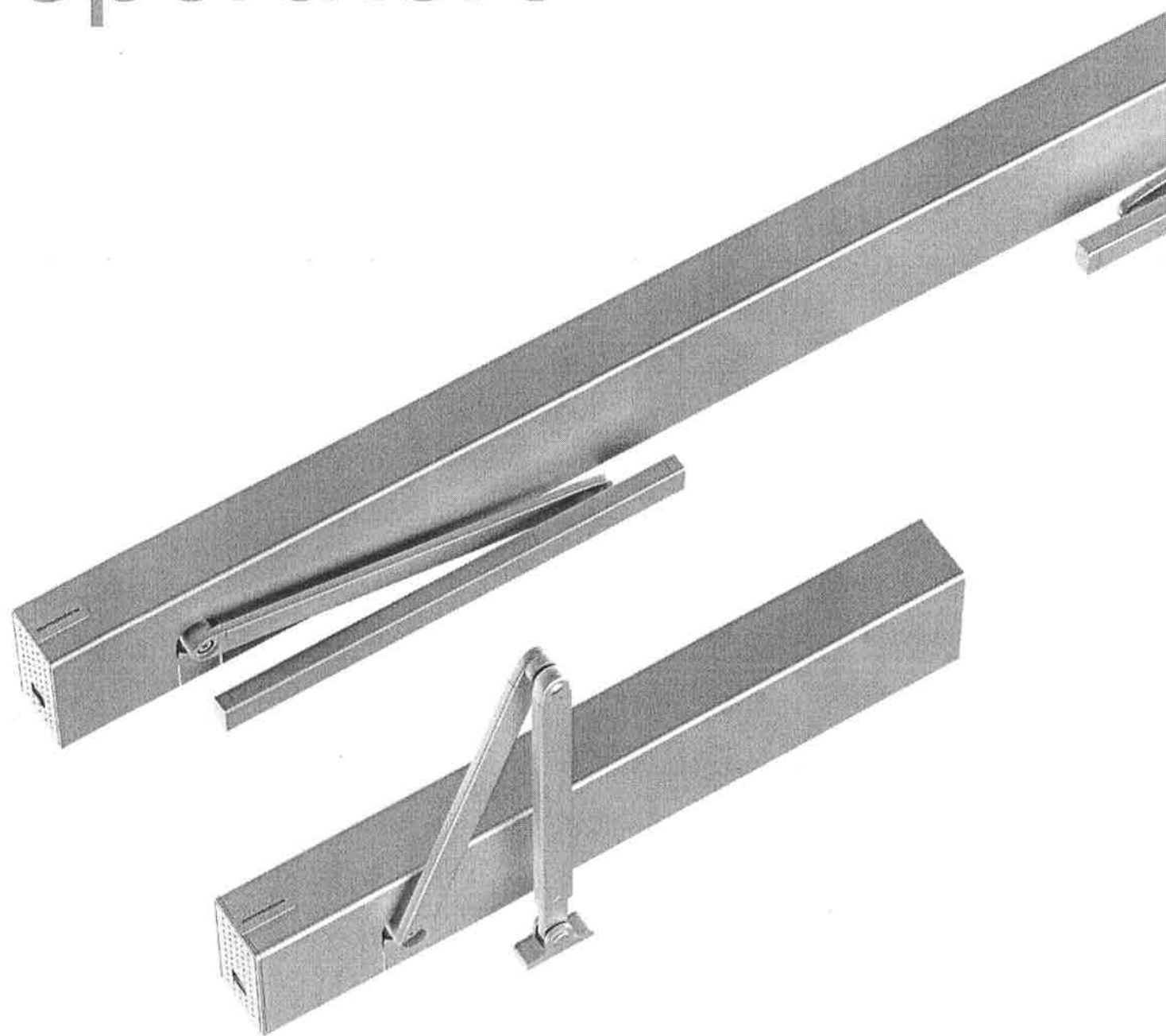


ED 100 / ED 250

Swing door operators





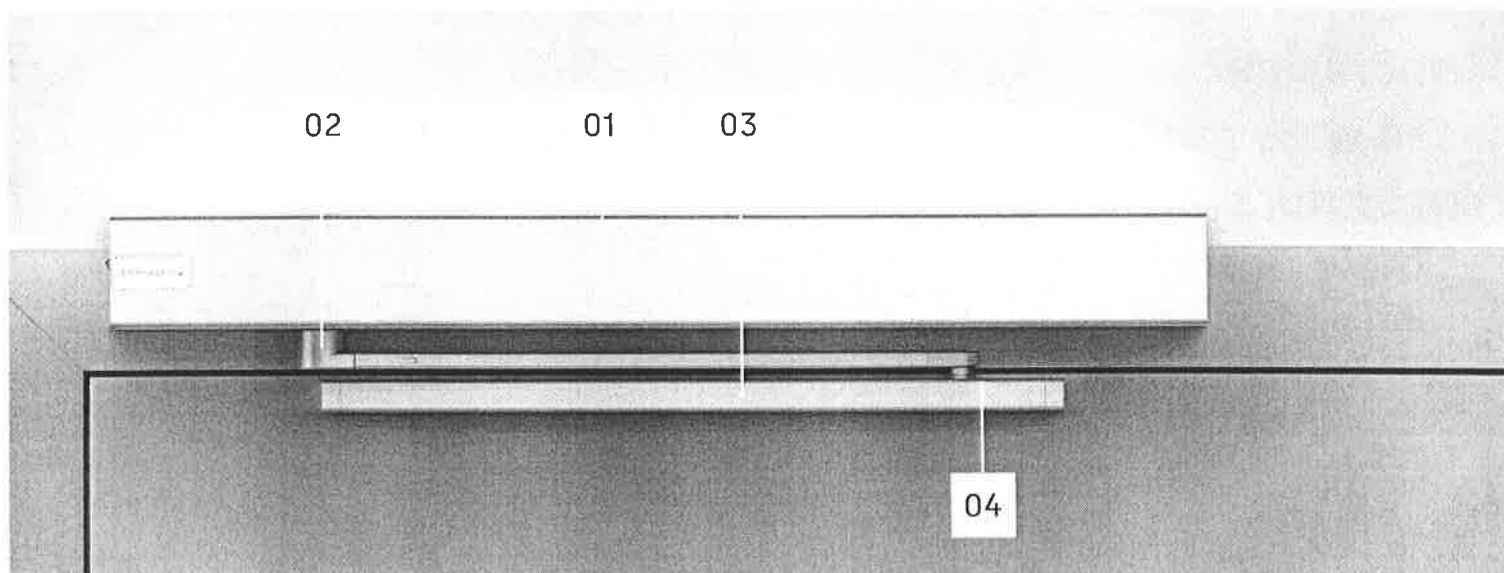
- 01 Outwards opening 2-leaf door system with ED 250 (escape route)
- 02 Barrier-free access with ED 100
- 03 ED 250 door system with MotionIQ door control

Modular ED door operators are the ideal solution for a wide range of applications: internal and external doors with a door leaf weight of up to 400 kg or a door leaf width of 1,600 mm, glass doors, fire doors, escape route doors, and much more.

The wide range of customisable functions of the ED door operators provide an elegant and easy option for realising simple and complex requirements.

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Slim exterior: Reduced, compact design with an operator height of only 70 mm



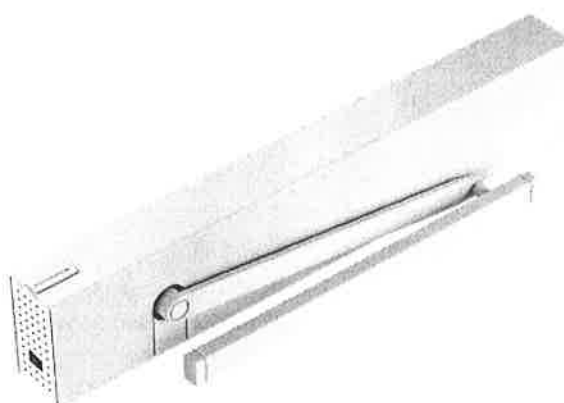
- 01 **Operator cover:** available in different designs, colours and lengths
- 02 **Operator spindle:** customisable with extensions to the individual installation situation
- 03 **Door connection:** executed as slide channel, CPD slide channel or scissor arm
- 04 **Pivot pin:** available in two lengths for slide channels
- 05 **Operator:** choice of two capacity versions: ED 100 or ED 250

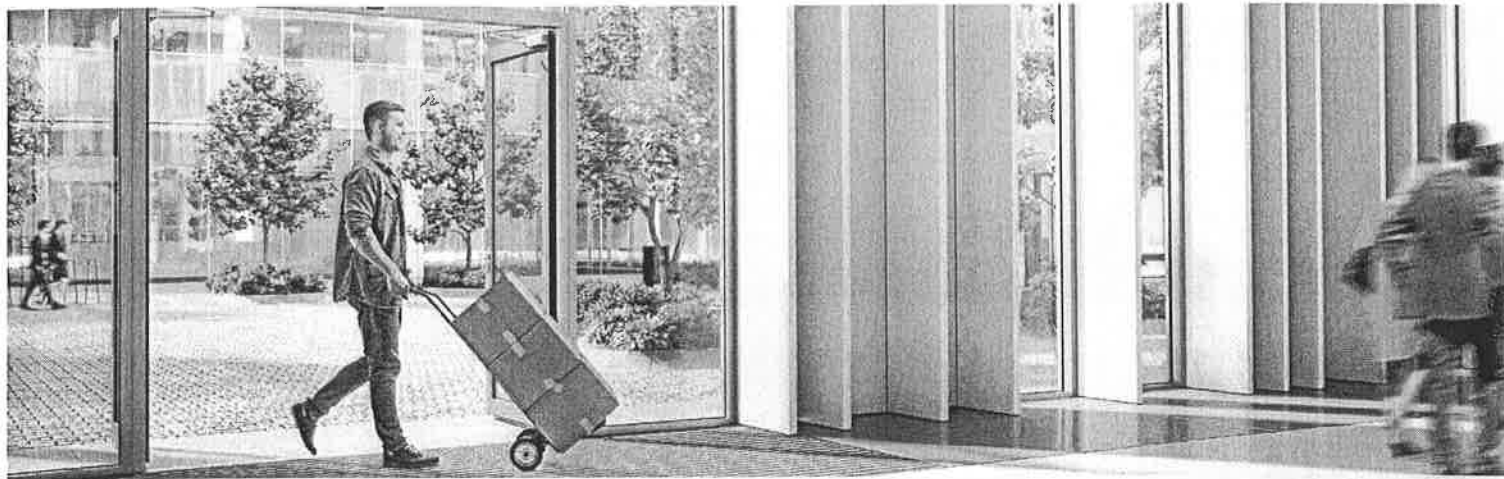
Elegant appearance

The ED operators combine elegant design and innovative technology at the highest level. Their exclusive design not only ensures an aesthetically appealing appearance, but also the space-saving integration into any door situation.

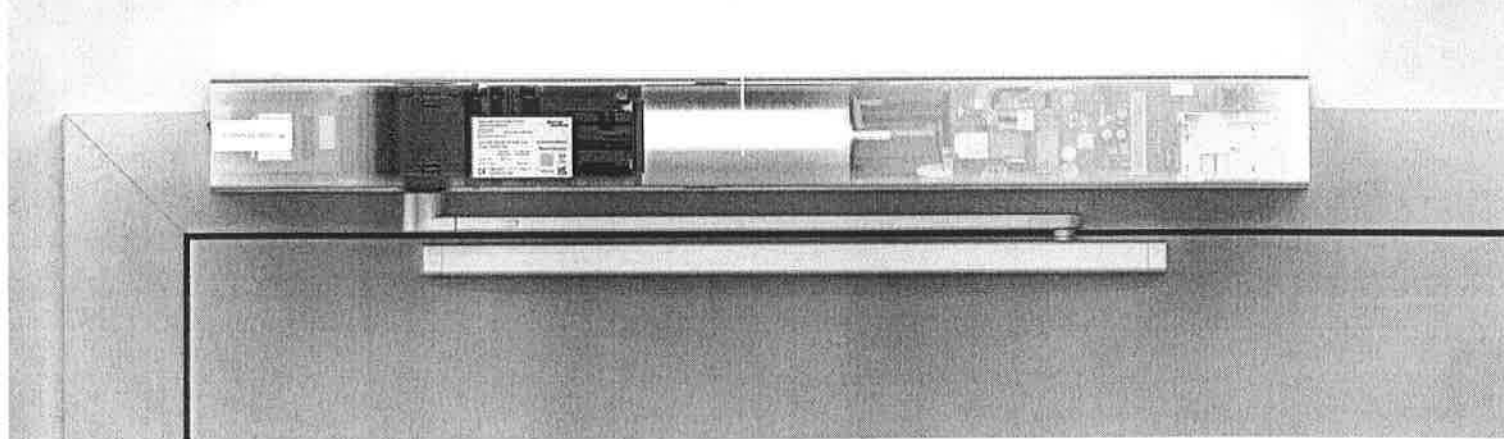
- Slim design with an operator height of only 70 mm
- Silver and white as standard colours or special colours on request
- The operator covers are available in fixed standard lengths, pre-assembled in customised lengths or can be adapted on site.

- 06 **Operator with slide channel:** standard version in white
- 07 **Operator with arm:** version in white with integrated smoke detector/smoke detection control
- 08 **Operator with CPD arm:** version with door coordinator for 2-leaf door system in silver, with Vario cover and integrated smoke detector/smoke detection control.





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Proven silent technology

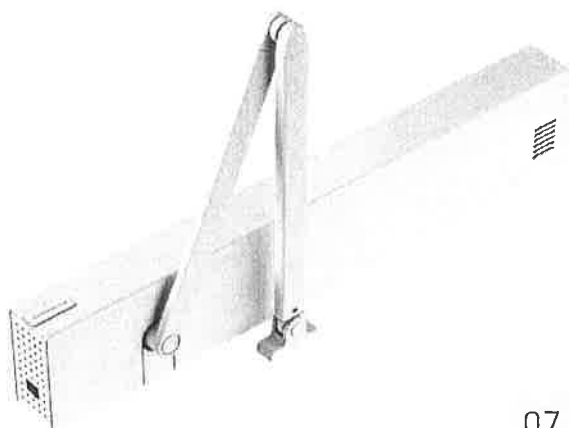
The proven operator mechanism using force balancing technology is the key to reliable and silent operation.

- Operator units with two torque levels ED 100 or ED 250, depending on door leaf size and weight
- Multi-stage operator:
 - optimum torque even under changing condition, e.g. wind loads
 - optimum durability and long service life, as only the required torque level is generated
- Noise-optimised design

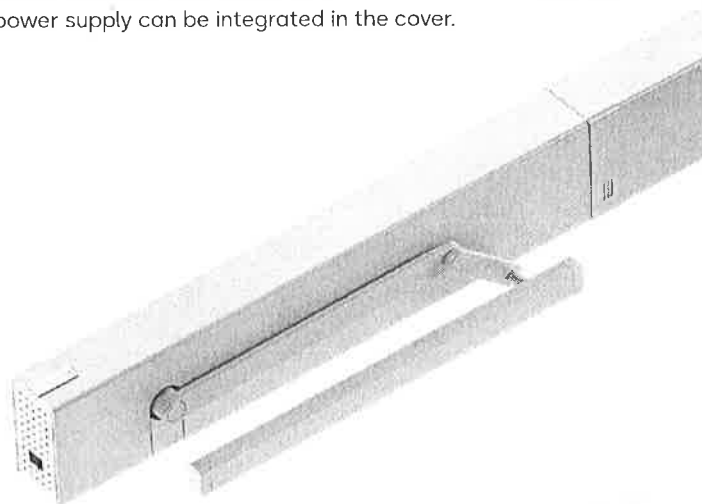
Modular configuration

The modular design of the ED operators allows for a wide variety of solutions.

- ED 100 operator for doors with a maximum width of 1,100 mm and ED 250 operator for large doors with a maximum width of 1,600 mm
- Two single operators can be configured to for a 2-leaf door operators. The closing sequence is coordinated by the control unit or the ESR door coordinator.
- Depending on the operating mode "Pull door" ("hinge side pull version") or "Push door" ("Opposite hinge side push version") and the lintel depth on site, installation on the door will be realised with slide channel or arm.
- Smoke detector with smoke detection control or emergency power supply can be integrated in the cover.



07



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