

Accessibility and fire protection as a system solution

ITS 96 FL with free-swing function



From near-effortless opening ...

ITS 96 FL with proven EASY OPEN technology

Access made easy.

Whether public or private, every type of building should be accessible for all. The ITS 96 FL makes it possible. So compact that is virtually invisible once installed, this door closer can – with its EASY OPEN technology and freeswing function – be used on doors up to 180 kg in weight. With it, even children, senior citizens and people with disabilities can operate doors with minimal effort.

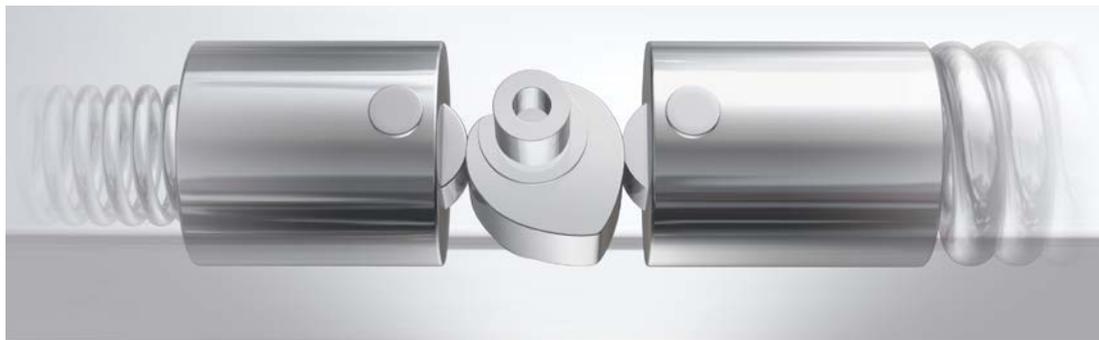
Up to 40 % less force required.

Thanks to its EASY OPEN technology, the ITS 96 FL cam-action door closer immediately cuts 40 % off the resistance that has to be overcome when opening the door. This means that even kids can access rooms without difficulty. The free-swing

function is activated from an opening angle of $> 0^\circ$, while the closing force is infinitely variable between spring strength EN 3 and EN 6.

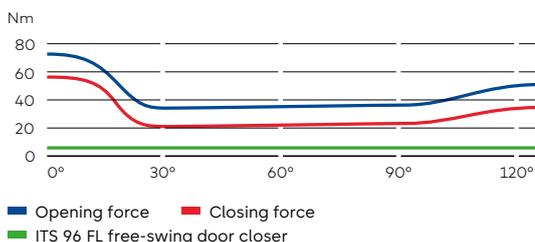
The ITS 96 FL comes in premium quality and satisfies the requirements governing barrierfree accessibility to DIN SPEC 1104. This recommends the use of manual closing devices capable of reducing the opening force required in the 2° to 60° sweep range by approx. 40 %.

Thanks to the free-swing function, once the door is ajar it can be further opened as if there were no door closer fitted, i. e. the door will also remain open if required.



Rapidly decreasing opening resistance:
The recommendation per DIN SPEC 1104 is satisfied

by this system, offering barrier-free access for children, seniors and the disabled.



Force curves for an ITS 96 cam-action door closer (size EN 3 – 6, max. closing force setting)

DIN SPEC 1104
Dezember 2009

... to reliable closing for safe fire protection

ITS 96 FL – free-swing function and RMZ smoke detector make for a powerful combination

The system solution offering double benefits

- Designed for connecting an RMZ smoke detector, giving ease of access and reliable fire protection in one.
- Suitable for use on both single-leaf and double-leaf fire and smoke check doors.
- In the event of smoke being detected, the door safely closes automatically while still offering effortless access – thanks to therapid

decrease in opening resistance inherent in EASY OPEN technology.

The system solution for great planning reliability:

The ITS 96 FL satisfies statutory requirements and standard specifications governing passive fire protection.

The versatile solution.

- The ITS 96 FL can be fitted to door leaves up to a width of 1400 mm and weights of 180 kg.

- The free-swing function is activated from a door opening angle of $> 0^\circ$.
- Once ajar, the door can be further opened as if no door closer were fitted, i. e. the door will also remain open if required.

Once smoke develops, the ITS 96 FL combined with a smoke detector will reliably close the door and seal the fire compartment.



↓ Door closes automatically



Barrier-free access and passive fire protection within one and the same system solution.

ITS 96 FL – adaptable and widely compatible with single-leaf and double-leaf doors

System components for barrier-free access in project applications requiring passive fire protection – a solution that offers exceptional design elegance.

For barrier-free project solutions requiring passive fire protection:

Alternative products

- ED 100 and ED 250 automatic swing door operators
- ES 200 automatic sliding door operator
- TS 93 door closer system with EASY OPEN technology
- PHA 2500 and PHB 3000 panic exit devices



1 Offering EASY OPEN technology, the ITS 96 FL door closer with free-swing function is virtually invisible once integrated in the door. Suitable for both narrowstile and timber doors.



2 The RMZ smoke detector complements the ITS 96 FL for passive fire protection applications.

3 Premium lever handles suitable for narrow-stile and timber doors.

4 SVP 5000 emergency escape lock with automatic locking action.

5 LM hinges.

6 Complementary pushbutton for passive fire protection.



Our Sustainability Commitment

We are committed to foster a sustainable development along our entire value chain in line with our economic, environmental and social responsibilities toward current and future generations. Sustainability at product level is an important, future-oriented approach in the field of construction. In order to give quantified disclosures of a product's environmental impact through its entire life cycle, dormakaba provides Environmental Product Declarations (EPD), based on holistic life cycle assessments.

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Access Hardware Solutions

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