



Door opening without EASY OPEN technology

Effort-efficient action with EASY OPEN technology

Proven technology backed up by some very impressive figures:

100 million

DORMA door closers manufactured since 1950.

10 million

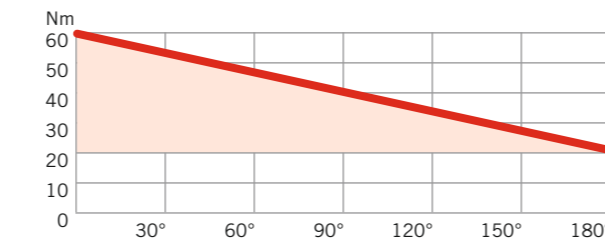
DORMA cam-action door closers manufactured since 1986.

A comparison that makes selection easy. Slide channel door closers with and without EASY OPEN technology.

Standard slide channel door closer
Without EASY OPEN: asymmetric gearing



Linear decrease in opening resistance



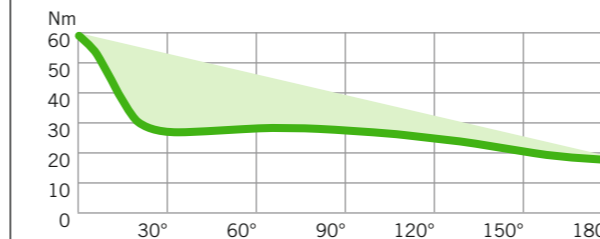
- Substantial effort required to open the door
Slide channel door closers with asymmetric gearing only allow a gradual, linear decrease in opening resistance, making it more difficult for, in particular, children, people with disabilities and elderly people to use the door.

- The recommendations according to DIN SPEC 1104 are not fulfilled.

DORMA slide channel door closer
with EASY OPEN technology featuring the heart-shaped cam



Rapidly decreasing opening resistance



Reduction in opening effort thanks to EASY OPEN cam-action technology

+ Door opening with reduced effort
In the case of DORMA slide channel door closers featuring EASY OPEN cam-action technology, the heart-shaped cam immediately and significantly reduces the opening resistance of the door. Particularly children, people with disabilities and elderly people are thus able to open the door with less effort, making passage – and their lives – that much easier.

+ The recommendations according to DIN SPEC 1104 are fulfilled. 40% less effort. 40% easier door opening action.

DORMA quality comes as standard. The EASY OPEN range in the Contur design.

Backed up by decades of expertise, DORMA is able to offer a comprehensive range of EASY OPEN door closers featuring cam-action technology – tailored to meet individual

requirements. In terms of visual elegance the award-winning DORMA door closers in the Contur design always make the right impression.



Integrated cam-action door closer system

ITS 96



Thanks to its compact design, the ITS 96 can be installed within the leaf and frame in all doors with leaf thicknesses of 40 mm or more.

- Proven EASY OPEN technology
- Exceptional ease of use
- Controlled closing action

The system closers

TS 93, TS 92, TS 91



Three quality products that ideally complement one another. Suitable for a wide range of application requirements, the modular TS 93 system is supplemented by the TS 92 and TS 91 cam-action door closers.

- Proven EASY OPEN technology
- Exceptional ease of use
- Suitable for emergency exit and fire doors – the TS 93 system also comes with double door co-ordinator and integral smoke detector
- DORMA Contur design

The compact door closer

TS 97



Small dimensions, big effect. The TS 97 is one of the most compact cam-action door closers available. With an overall depth of just 37 mm, it offers particularly discreet elegance to the point of being almost imperceptible.

- Proven EASY OPEN technology
- Exceptional ease of use
- Outstanding quality for stylish interiors
- Quick and easy to install
- DORMA Contur design

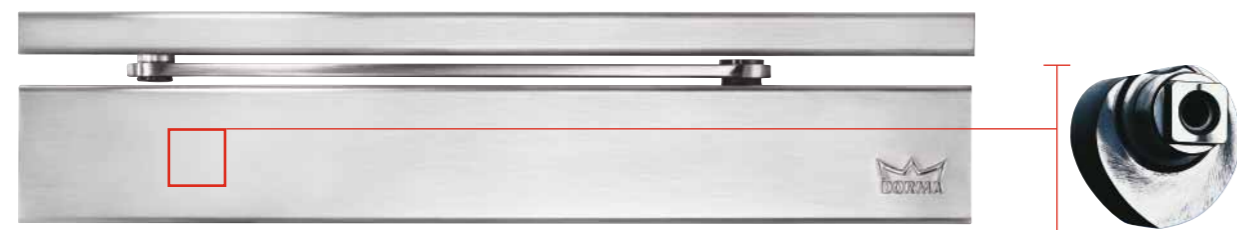
The entry-level model

TS 90 Impulse



A combination of engineering quality, cost-efficiency and contemporary styling.

- Proven EASY OPEN technology
- Exceptional ease of use
- Suitable for interior door applications
- Economical



Significantly improved convenience thanks to our EASY OPEN technology based on a heart-shaped cam.



40% less effort. 40% easier opening action. DORMA cam-action door closers with EASY OPEN technology.

DORMA cam-action door closers prove that committing to premium quality is a recipe for success.

Offering EASY OPEN technology, they enable doors to

be manually operated with minimum exertion. They thus constitute an ideal solution when it comes to meeting the new DIN SPEC 1104 which recommends the application

of manual closing devices that reduce user effort by 40% in the door sweep range of 2° to 60°.

DIN SPEC 1104
December 2009

WIN 053 913 51532, GB, 3, BD, 04/10



Door Control



Automatic



Glass Fittings and Accessories



Security/Time and Access Control (STA)



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Cam-action door closers from DORMA
Proven technology.

