

The concealed cam action door closer system with slide channel

The DORMA ITS 96 system has ushered in a new era in door closer technology. Closers and slide channels are now so compact that they can be installed out of sight in doors and their frames. Yet these devices offer the same high quality expected of DORMA door closers with all the familiar ease of operation and widely ranging functionality.



Operating and closing force diagram

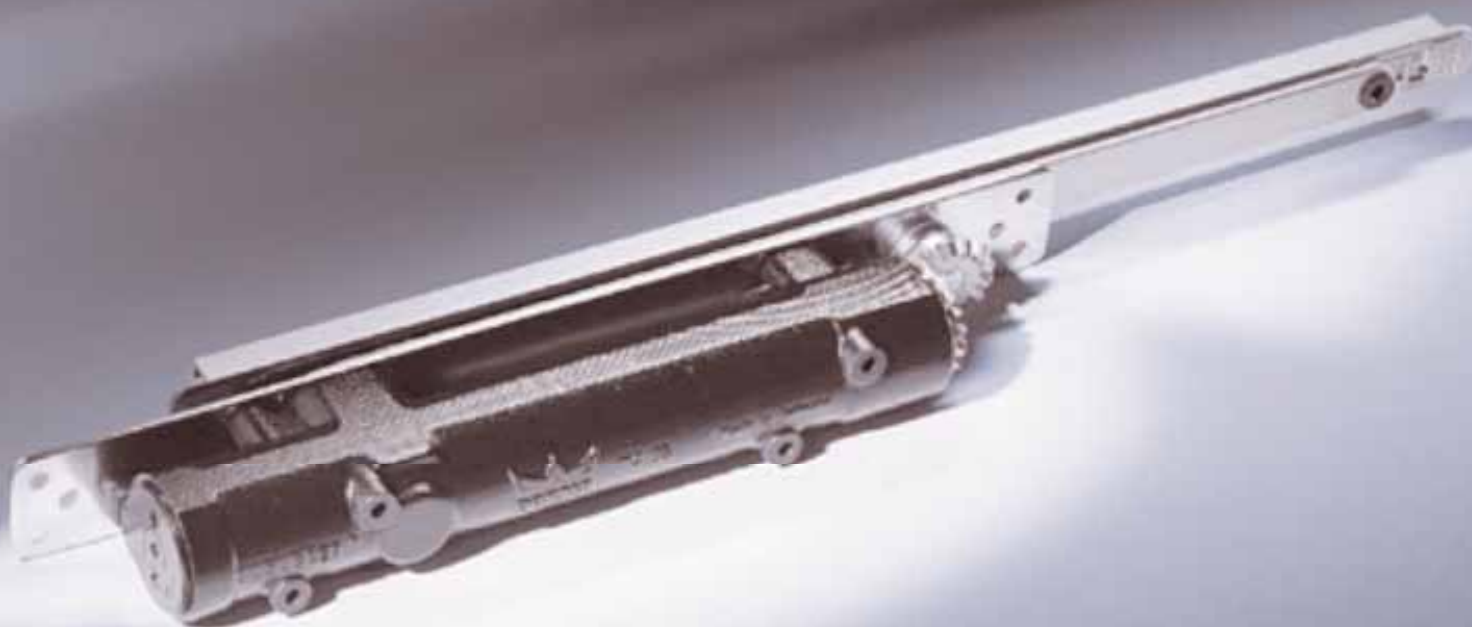
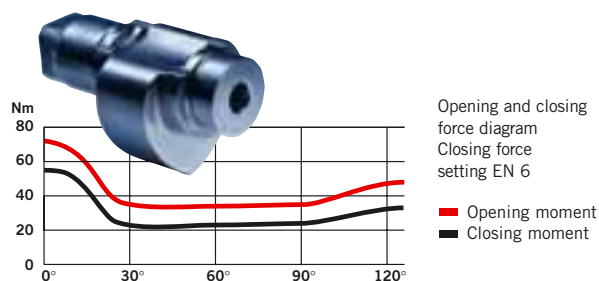
Equipped with the linear drive and heart-shaped cam, the door closers of the DORMA ITS 96 system offer the compelling advantage of an almost immediate reduction in resistance as the door is opened.

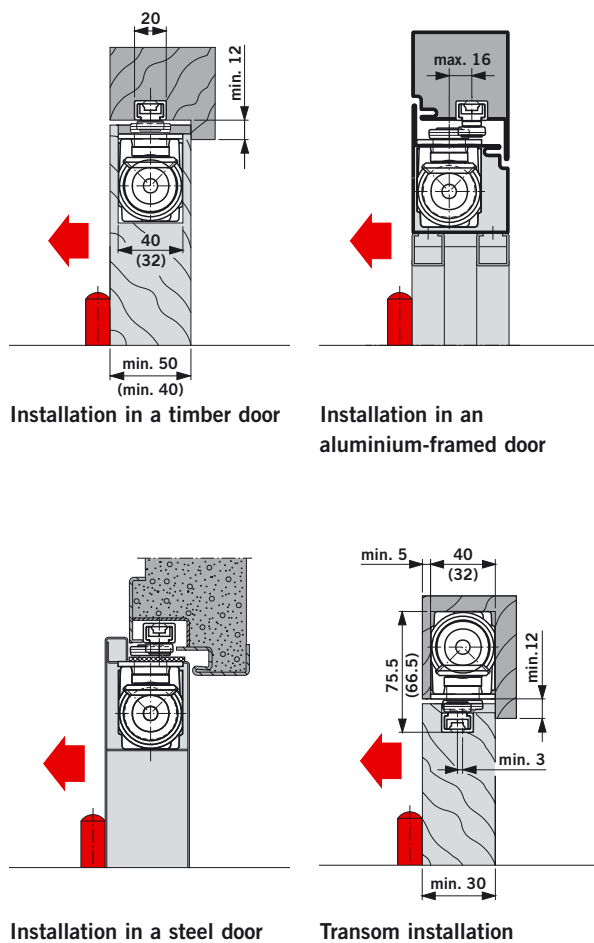
Pre-assembly

The door closers of the DORMA ITS 96 system are particularly suitable for pre-assembly. This is because the closing speed, closing force and latching action can all be adjusted without problem after component installation in the door.

F Approval certification

The DORMA ITS 96 has been tested and approved to EN 1154 by the State Material Testing Authority, Dortmund/Germany and is subject to third-party quality verification. Regular audit testing is undertaken. Test reports and/or certificates are available on request. Additional approval certification of the relevant fire and smoke check door in combination with the DORMA ITS 96 may be necessary – check local regulations.





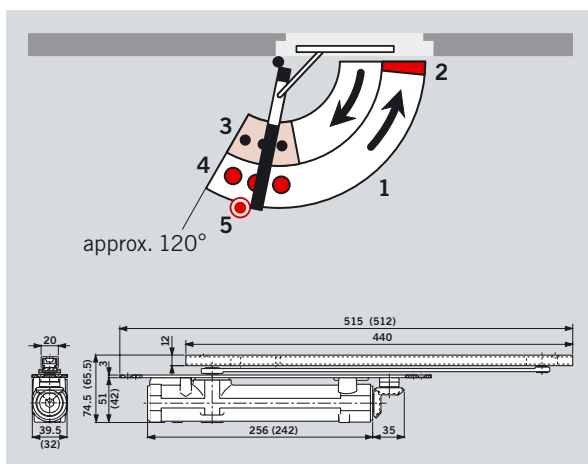
All examples refer to left-hand (ISO 6) doors;
mirror image applies to right-hand (ISO 5) doors.
All dimensions show ITS 96 3-6
() = ITS 96 2-4

Data and features

Closing force adjustable	Spring strength	EN 2-4	EN 3-6
Standard doors, fire and smoke check doors	≤ 1100 mm ≤ 1400 mm	● —	● ●
Door leaf thickness	≥ 40 mm ≥ 50 mm	● ●	— ●
Max. door leaf weight in kg		100	180
Non-handed		●	●
Arm assembly	Slide channel	●	●
Closing force adjustable by screw		●	●
Closing speed adjustable by valve		●	●
Latching action adjustable by valve		●	●
Cushioned limit stay		●	●
Hold-open (not for fire and smoke check doors)		○	○
Max. door opening angle (depending on door design)		approx. 120°	
Door closer compliant with EN 1154		●	
Hold-open devices compliant with EN 1155		●	
Door coordinators compliant with EN 1158		●	
● yes — no ○ option			

ITS 96 compendium

You will find all the information you need relating to the DORMA ITS 96 system on this CD-ROM, which you can order online at www.dorma.com.



DORMA ITS 96 N

- Non-handed model for RH (ISO 5) and LH (ISO 6)
- Adjustable closing force (EN 2-4, 3-6)
- Adjustable closing speed (1)
- Adjustable latching action (2)
- Cushioned limit stay (3)
- Hold-open device RF, optional (not approved for fire and smoke check doors) (4)
- Floor stop OGRO TZ 5000 (5)

For specification texts, see page 200 ff.