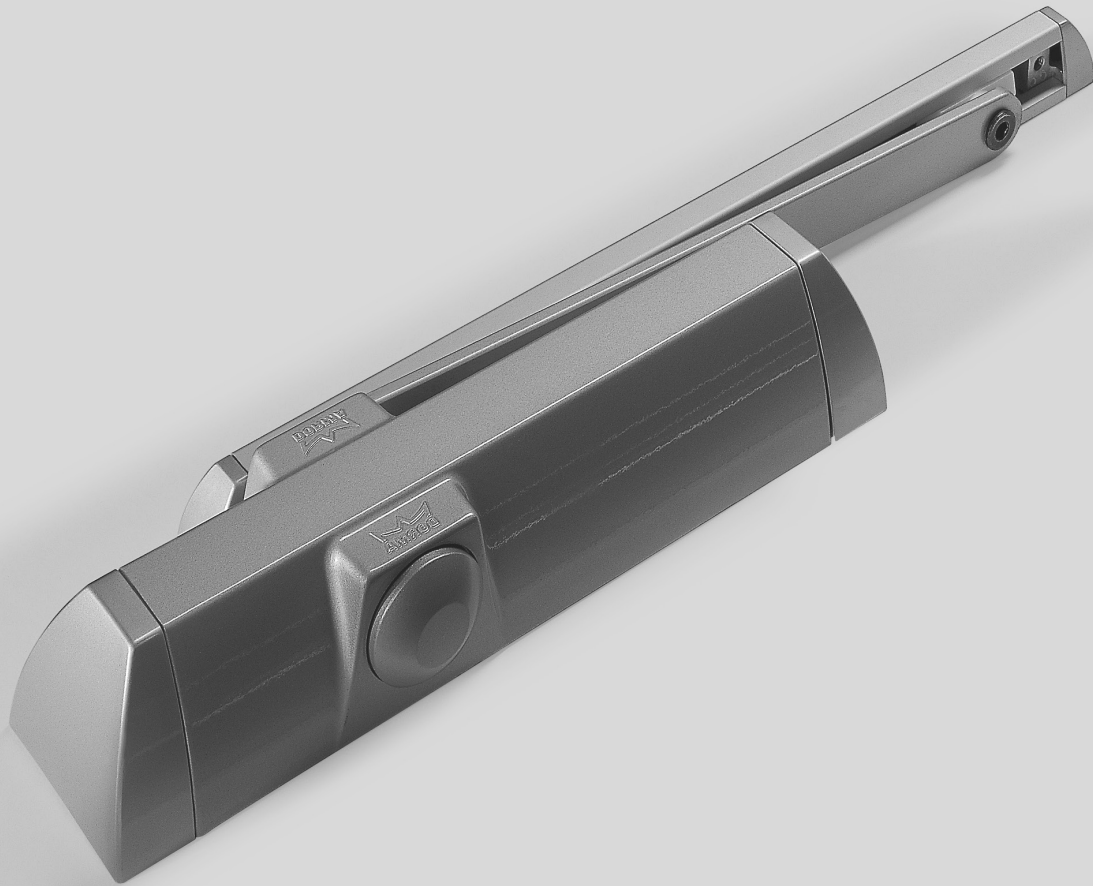




TS 90

Cam-action door closer



Ironmongery, Curtain Rails, Blinds, Flooring,
Carpets, Automatic Sliding & Swing Doors,
Movable Partitions Renovations & much more

☎ 0722 493 359 / 0726 399 819

✉ info@nextcraftke.com

📍 Gate No. 95A
Limuru Road, Parklands.

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**Two strong global brands—
Dorma and Kaba – have
combined forces and are now
offering you a comprehensive
portfolio of smart & secure
access solutions, all from one,
reliable source.**

Our new product portfolio
includes everything from locks
and keys to a fully networked
electronic access solution, and
everything from door closers and
automatic doors to a mobile
partition system.

All supported by a
comprehensive service network.

A perfect combination of form and function

The TS 90 Impulse combines technical superiority with outstanding value, and unites advanced design with convenient functionality – all on the basis of its heart-shaped cam.

With its installation versatility and inherent functional reliability, it is ideal for virtually any application.

Certified to ISO 9001

Benefits

For the trade

- Unique dormakaba cam action technology for the entry-level segment, compliant with EN 1154.
- Complete package for easy stocking.
- Sets new standards to open up new markets.

For the installer/fabricator

- Easy to fix without mounting backplate.
- Non-handed.
- Four installation arrangements with one model.
- Proven dormakaba quality for long service life.

For the architect/specifier

- Proven technology of the heart-shaped cam.
- Cost-efficient slide channel door closer for interior doors.

For the user

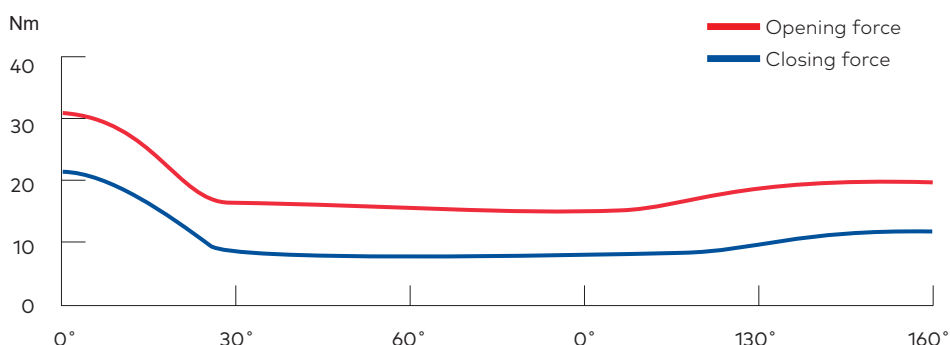
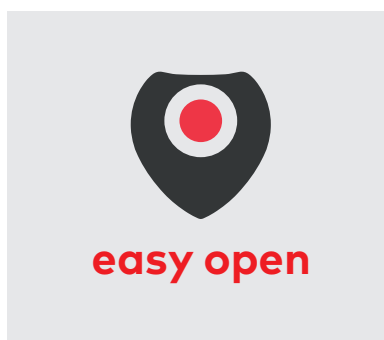
- Convenient, low-resistance opening with fully controlled closing.
- Two regulating valves for precise adjustment of closing speed.
- Available with hold-open and cushioned limit stay options.

Force profile



The heart-shaped cam and the linear drive mechanism of the TS 90 Impulse ensure that the resistance encountered decreases almost instantly with the door opening action – so even children, the elderly and people with disabilities have no problem in opening the door.

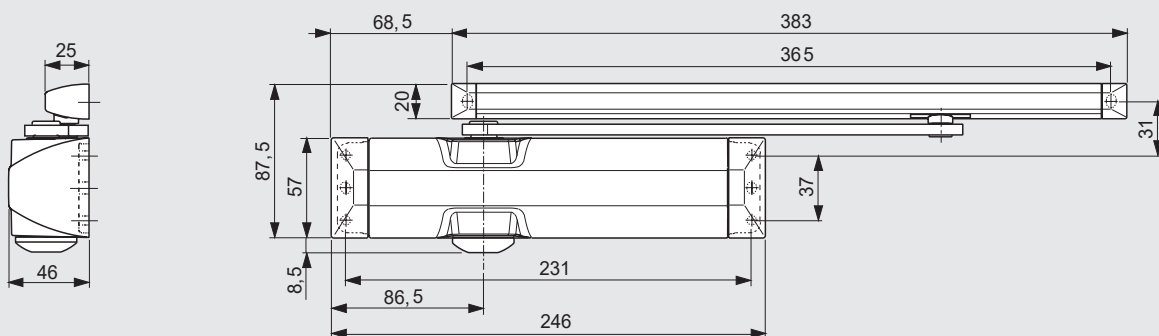
User-friendly and reliable closing is also ensured by the delayed increase in the actuating torque at the "latching" end of the sweep.



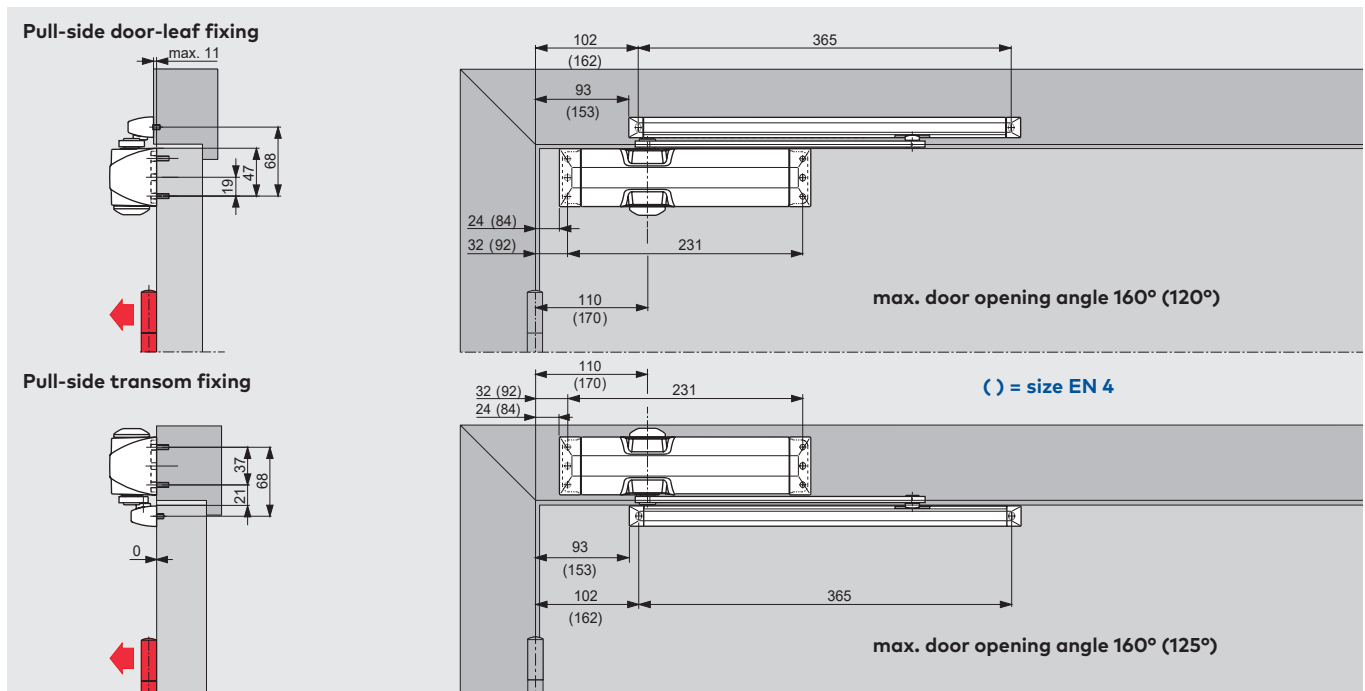
Specifications

Data and features		TS 90 Impulse
Closing force adjustable	Size	EN 3/4
Standard doors ¹⁾	≤ 1100 mm	●
External doors, outward opening ¹⁾		●
Fire and smoke check doors ¹⁾		●
Non-handed		●
Arm assembly	Slide channel	●
Closing speed adjustment by two independent valves		●
Cushioned limit stay (mechanical)		○
Backcheck		●
Delayed action		–
Hold-open		○
Weight in kg		1.7
Dimensions in mm	Length Overall depth Height	246 46 57
Door closer compliant with EN 1154		●
CE-mark for construction products		●
● yes – no ○ option		

1). In the case of particularly heavy doors and doors that have to close against wind pressure, we recommend the dormakaba TS 93.



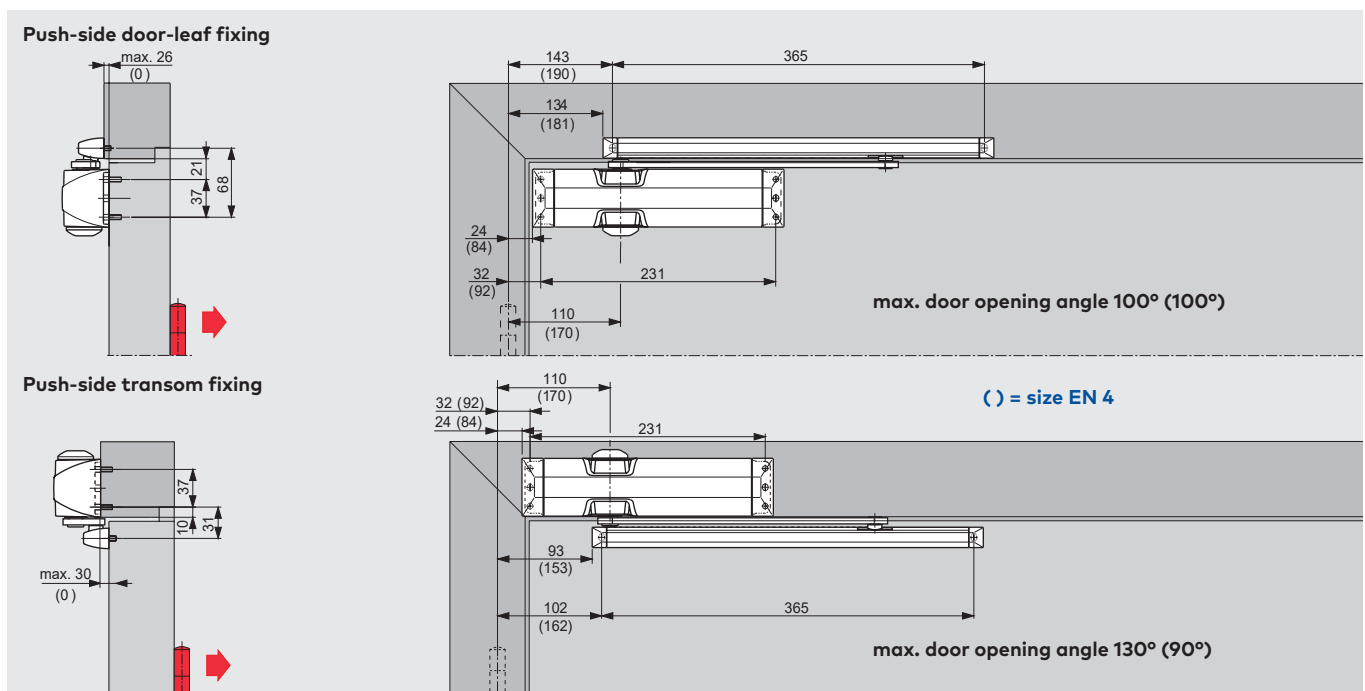
Pull-side fixing



(example shows LH (ISO 6) door; RH (ISO 5) doors mirrored arrangement)

Depending on the structural conditions, the door opening angle is likely to be limited. It is recommended to install the cushioned limit stay or position a door stop at this point.

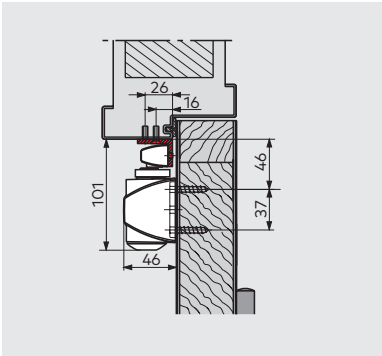
Push-side fixing



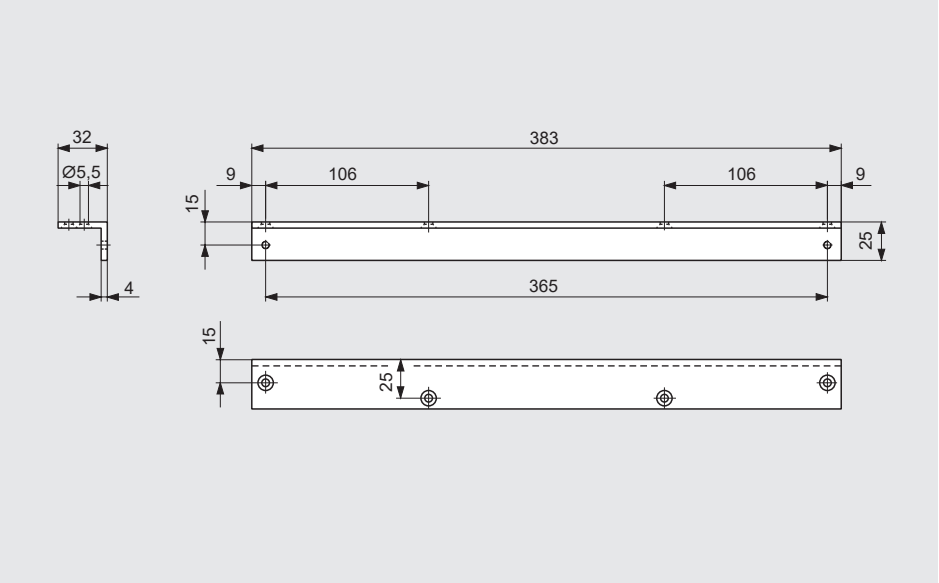
(example: RH/ISO 5 door; mirror image for LH/ISO 6 door)

Depending on the structural conditions, the door opening angle is likely to be limited. It is recommended to install the cushioned limit stay or position a door stop at this point.

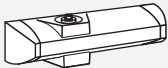
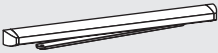
Accessories



Angle bracket
For push-side fixing of the slide channel to door frames with a deep reveal.



Standard equipment and accessories

	TS 90 cam-action door closer	Angle bracket	Cushioned limit stay	Mechanical hold-open device
	 Size EN 3/4	 100030xx	 10002000	 10002100
Slide channel 	 102104xx			

Order No.

-  = Closer body with slide channel, complete
-  = Accessory

Colour

- Silver
- White (sim. RAL 9016)
- Black P190

xx

- 01
- 11
- 19

Specification text TS 90 Impulse

Universal cam-action door closer with linear drive and rapidly decreasing opening torque; closing speed adjustable in two independent ranges.

Closing force = Size EN 3/4.
Non-handed.
Compliant with EN 1154.

Make

dormakaba TS 90 Impulse EN 3/4

Accessories

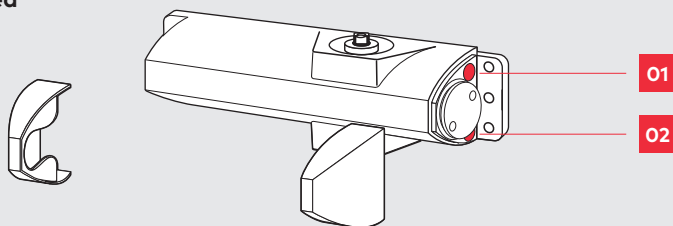
- Angle bracket
- Hold-open device
- Cushioned limit stay

Colour

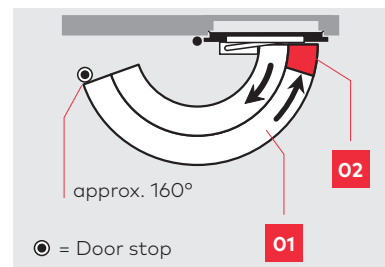
- Silver
- White (sim. to RAL 9016)
- Black P190

Standard and optional functions

Closing speed

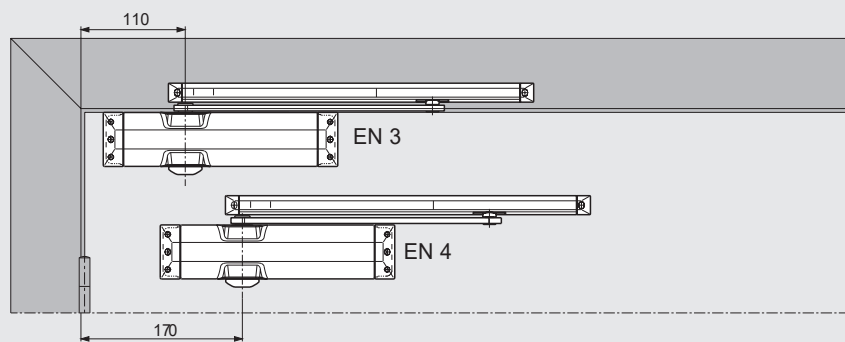


The closing speed of the TS 90 Impulse is adjustable in two independent ranges at the valves indicated.



- 01** Infinitely adjustable closing speed in the range 160° – 15°.
- 02** Infinitely adjustable latching action in the range 15° – 0°.

Closing force settings EN 3/EN 4

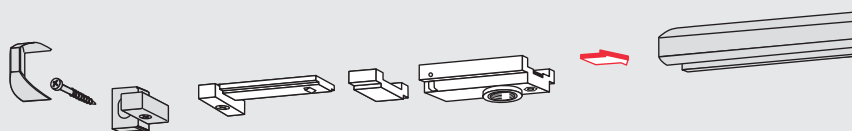


Door width size setting

≤ 950 mm	EN 3
≤ 1100 mm	EN 4

The TS 90 Impulse closing force setting is selected by installation template positioning in accordance with our recommended door widths.

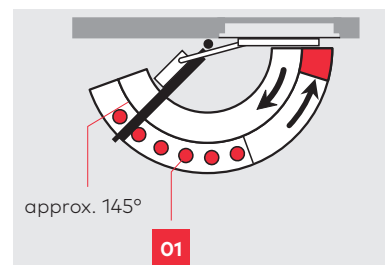
Mechanical hold-open device



The hold-open device enables doors to be precisely held without any fall-back up to an opening angle of approx. 145°.

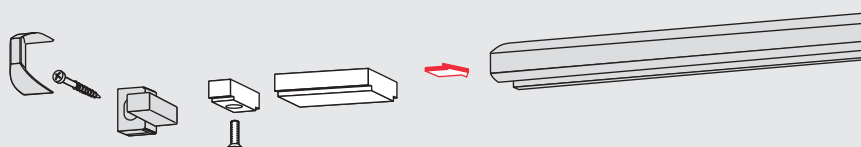
The hold-open device is suitable for both LH and RH doors and is designed for retrofitting to the slide channel.

Not for fire and smoke doors.



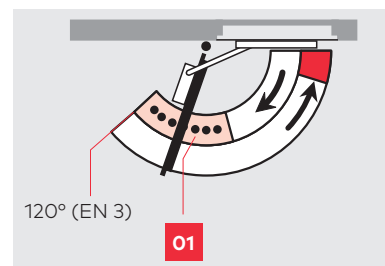
- 01** Hold-open range.

Cushioned limit stay



Cushioned limit stay for retrofitting by insertion in the slide channel. Adjustable between 80° and max. 120°. Use of the cushioned limit stay helps to prevent a normally opened door from colliding with adjacent walls.

The cushioned limit stay is not an overload protection device and in many cases is no substitute for a door stop. Only for the use of TS 90 Impulse size EN 3.



- 01** Opening angle limit.



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Safe Locks



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