



GEZE TS 3000 V / SYSTEM TS 5000
OVERHEAD DOOR CLOSERS WITH GUIDE RAIL



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Overview table for GEZE System TS 5000

For single-leaf doors

	TS 1500 G	TS 3000 V	TS 5000 ECLine	TS 5000 L ECLine	TS 5000	TS 5000 L	TS 5000 E	TS 5000 L-E	TS 5000 R	TS 5000 L-R	TS 5000 EFS 3-6	TS 5000 RFS 3-6
Approval for fire and smoke protection doors ¹³⁾		•	•	•	•	•	•	•	•	•	•	•
Barrier-free in accordance with DIN 18040 up to leaf width (max.) in mm	EN1 750	EN4 1100	EN5 1250	EN5 1250	EN4 1100	EN4 1100	FSA	FSA	FSA	FSA	FSA FL	FSA FL
Closing force in accordance with EN 1154	1	1-4	3-5	3-5	2-6	2-6	2-6	2-6	2-6	2-6	3-6	3-6
Door leaf width (max.) in mm	750	1100	1250	1250	1400	1400	1400	1400	1400	1400	1400	1400
Installation options												
Door leaf installation, hinge side	•	•	•		•		•		•		•	•
Transom installation, hinge side ⁹⁾		•		•		•					• ⁴⁾	• ⁴⁾
Opening angle (max.) hinge side ⁸⁾	180°	180°	180°	180°	180°	180°	180°	⁸⁾	180°	⁸⁾	180°	180°
Door leaf installation, opposite hinge side		•		•		•		•		•		
Transom installation, opposite hinge side		•	•		•							
Functions												
Adjustable closing force		•	•	•	•	•	•	•	•	•	•	•
Adjustable back check		• ²⁾	• ¹²⁾	•	• ¹²⁾	•	•	•	•	•		
Adjustable hydraulic latching action	•	•	•	•	•	•	•	•	•	•	•	•
Adjustable delayed closing action			• ¹⁾		• ¹⁾							
Adjustable closing speed	•	•	•	•	•	•	•	•	•	•	•	•
Integrated opening support			•	•								
Opening support can be switched off			•	•								
Flexible opening restrictor		○			○	○	○	○	○	○	○	○
Mechanical hold-open device ³⁾	○	○	○	○	○	○						
Electric hold-open device							•	•	•	•		
Electrical hold-open device for free swing or hold-open magnet											•	•
Integrated smoke switch control unit									•	•		•
Integrated mechanical closing sequence control												

• = yes

○ = optional

* = up to EN4 / 1100 mm with standard closer and up to EN5 / 1250 mm with ECLine closer

¹⁾ Model TS 5000 S²⁾ Model TS 3000 V BC³⁾ Can be retrofitted, not on F and RD doors⁴⁾ Special model⁵⁾ System solution consisting of 2 overhead door closers TS 5000 (L) and suitable ISM, E-ISM or R-ISM guide rail for installation on hinge side or opposite hinge side (version BG)⁶⁾ Available for the active leaf

For double-leaf doors

	TS 5000 ISM ECLine ⁵⁾	TS 5000 L-ISM ECLine ⁵⁾	TS 5000 ISM ⁵⁾	TS 5000 L-ISM ⁵⁾	TS 5000 L-ISM VPK ⁵⁾	TS 5000 E-ISM ⁵⁾	TS 5000 L-E-ISM ⁵⁾	TS 5000 L-E-ISM VPK ⁵⁾	TS 5000 R-ISM ⁵⁾	TS 5000 L-R-ISM ⁵⁾	TS 5000 L-R-ISM VP ⁵⁾
Approval for fire and smoke protection doors	•	•	•	•	•	•	•	•	•	•	•
Barrier-free in accordance with DIN 18040 up to leaf width (max.) in mm	EN5 1250	EN5 1250	EN4/1100 EN5/1250*	EN4/1100 EN5/1250*	EN4 1100	FSA (FSA FL)	FSA	FSA	FSA (FSA FL)	FSA	FSA
Closing force in accordance with EN 1154	3-5	3-5	2-6	2-6	2-6	2-6	2-6	2-6	2-6	2-6	2-6
Door leaf width (max.) in mm	1250	1250	1400	1400	1400	1400	1400	1400	1400	1400	1400
Installation options											
Door leaf installation, hinge side	•		•			•			•		
Transom installation, hinge side ⁹⁾											
Opening angle (max.) hinge side ⁸⁾	180° ⁸⁾	180° ⁸⁾	180° ⁸⁾	180° ⁸⁾	180° ⁸⁾	180° ⁸⁾	180° ⁸⁾	180° ⁸⁾	180° ⁸⁾	180° ⁸⁾	180° ⁸⁾
Door leaf installation, opposite hinge side		•		•	•		•	•		•	•
Transom installation, opposite hinge side											
Functions											
Adjustable closing force	•	•	•	•	•	•	•	•	•	•	•
Adjustable back check	•	•	•	•	•	•	•	•	•	•	•
Adjustable hydraulic latching action	•	•	•	•	•	•	•	•	•	•	•
Adjustable delayed closing action	• ¹⁾		• ¹⁾								
Adjustable closing speed	•	•	•	•	•	•	•	•	•	•	•
Integrated opening support	○ ⁶⁾	○ ⁶⁾									
Opening support can be switched off											
Flexible opening restrictor	○	○	○	○	○	○	○	○	○	○	○ ¹¹⁾
Mechanical hold-open device ³⁾	○	○	○	○	○						
Electric hold-open device						•	•	•	•	•	•
Electrical hold-open device for free swing or hold-open magnet			○			○			○		
Integrated smoke switch control unit									•	•	•
Integrated mechanical closing sequence control	•	•	•	•	•	•	•	•	•	•	•

⁷⁾ Maximum door leaf width of the active leaf

⁸⁾ Opening angle (max.) opposite hinge side, see chapter: General product functions and information

⁹⁾ For fire protection doors with corresponding proof of suitability

¹¹⁾ Only for restricted use

¹²⁾ Back check in transom installation opposite hinge side not effective

¹³⁾ Valid for Germany. Specifications for other countries can be different and will therefore have to be compared to the local requirements. Please contact your local GEZE subsidiary/representative.

FSA = Hold-open system

FSA FL = Hold-open system free swing

GEZE TS 3000 V / SYSTEM TS 5000

Application cases and combination possibilities for GEZE System TS 5000

Type of installation	Leaf installation Hinge side 1-leaf						Leaf installation Hinge side 2-leaf ⁶⁾			
	TS 5000 ECLine	TS 5000	TS 5000 E	TS 5000 R	TS 5000 EFS 3-6	TS 5000 RFS 3-6	TS 5000 ISM ECLine	TS 5000 ISM	TS 5000 E-ISM	TS 5000 R-ISM
Barrier-free in accordance with DIN 18040 up to leaf width (max.) in mm	EN5 1250	EN4 1100	FSA	FSA	FSA FL	FSA FL	EN5 1250	EN4 1100	FSA	FSA
Leaf width (max.) in mm	1250	1400	1400	1400	1400	1400	1250	1400	1400	1400
Closer system										
Complete pack (closer+guide rail)					•	•				
TS 5000 ECLine Closer body	L		• ⁴⁾	• ⁴⁾			•		• ⁴⁾	• ⁴⁾
TS 5000 Closer body	L		•	•	•			•	•	•
TS 5000 S Closer body with delayed closing			•	•	•			•	•	•
TS 5000 EHY Closer body with electrical hold-open device with lever for free swing							○ ⁷⁾	○ ⁷⁾	○ ⁷⁾	
Guide rails										
ECLine guide rails Opening assistance	BG									
Standard guide rail	BG		•							
T-Stop guide rail Opening restrictor	BG		•							
E guide rail Electrical hold-open device	BG			•						
R guide rail Smoke switch, power supply, electrical hold-open device	BG				•					
ISM guide rail Integrated closing sequence control	BG						•	•		
E-ISM guide rail Integrated closing sequence control, electrical hold-open device on both sides	BG							•		
R-ISM guide rail Integrated closing sequence control, smoke switch, power supply, electrical hold-open device on both sides	BG									•
Accessories										
Smoke switch control unit RSZ6/RSZ6 ECwire			•		•			•		
Interruption button			•	•	• ⁵⁾	• ⁵⁾		•	•	
Mechanical locking hold-open ¹⁾	•	•					•	•		

• = yes

* = up to EN4 / 1100 mm with standard
up to EN5 / 1250 mm mit ECLine closer

FSA = Hold-open system
FSA FL = Hold-open system free swing
BG = Opposite hinge side guide rail
L = Opposite hinge side closer

1) Not for fire protection doors

3) SF = Passive leaf

5) Mandatory accessory

7) Various variants available, also in combination with free swing function

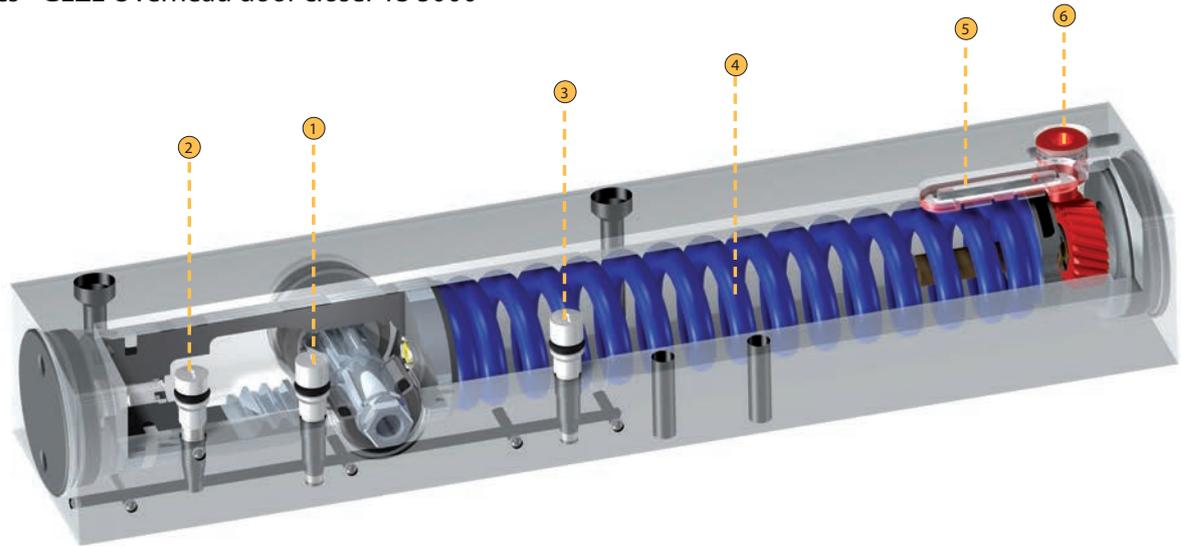
2) GF = Active leaf

4) Up to max. 1250 mm leaf width

6) 1 closer body necessary per door leaf

Type of installation	Leaf installation Opposite hinge side 1-leaf				Leaf installation Opposite hinge side 2-leaf ⁶⁾						Transom installation Hinge side 1-leaf				Transom installation Opposite hinge side 1-leaf														
Closer system	TS 5000 L ECLine		TS 5000 L	TS 5000 L-E		TS 5000 L-R		TS 5000 L-ISM ECLine		TS 5000 L-ISM	TS 5000 L-ISM VPK		TS 5000 L-E-ISM	TS 5000 L-E-ISM VPK		TS 5000 L-R-ISM		TS 5000 L ECLine		TS 5000 L	TS 5000 EFS KM 3-6		TS 5000 RFS KM 3-6		TS 5000 ECLine		TS 5000		
Barrier-free in accordance with DIN 18040 up to leaf width (max.) in mm	EN5 1250	EN4 1100	FSA	FSA	EN5 1250	EN4 1100	EN4 1100	FSA	FSA	FSA	EN5 1250	EN4 1100	FSA FL	FSA FL	EN5 1250	EN4 1100	FSA FL	FSA FL	EN5 1250	EN4 1100	EN5 1250	EN4 1100	EN5 1250	EN4 1100	EN5 1250	EN4 1100	EN5 1250	EN4 1100	
Leaf width (max.) in mm	1250	1400	1400	1400	1250	1400	1400	1400	1400	1400	1250	1400	1400	1400	1250	1400	1400	1400	1250	1400	1250	1400	1250	1400	1250	1400	1250	1400	
Closer body																													
Complete pack																													
TS 5000 ECLine																													
	L	•			• ⁴⁾	• ⁴⁾			•				• ⁴⁾	• ⁴⁾					•								•		
TS 5000																													
	L		•	•	•	•			•				•	•					•									•	
TS 5000 S																													
TS 5000 EHy																													
Guide rails																													
ECLine guide rail																													
	BG	•																										•	
Standard guide rail																													
	BG	•	•																									•	•
T-Stop guide rail																													
	BG	•	•																									•	•
E guide rail																													
	BG			•																									
R guide rail																													
	BG																												•
ISM guide rail																													
	BG				•	•																							
E-ISM guide rail																													
	BG												•																
R-ISM guide rail																													
	BG																												•
Accessories																													
Smoke switch control unit RSZ6/RSZ6 ECwire																													
Interruption button																													
Mechanical locking hold-open ¹⁾																													
	•	•																											

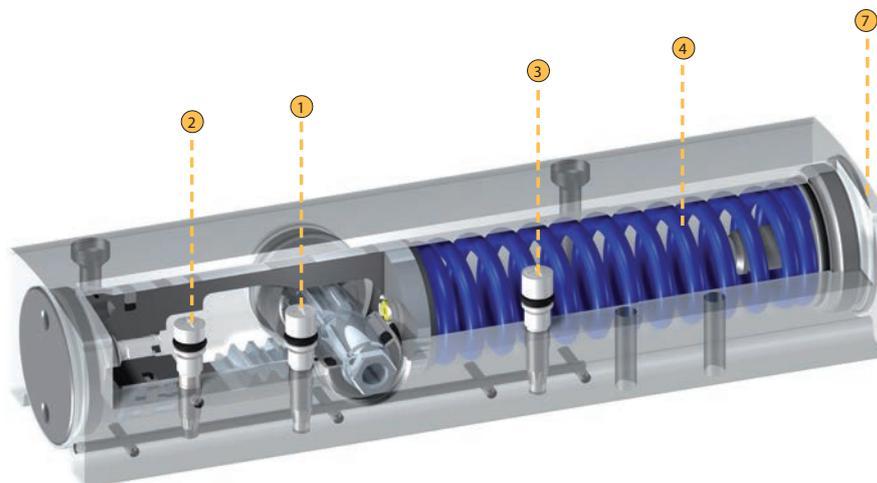
Technics - GEZE Overhead door closer TS 5000



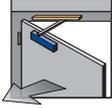
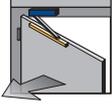
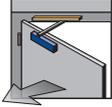
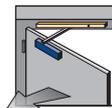
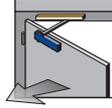
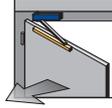
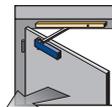
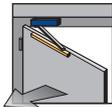
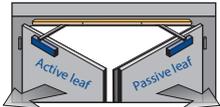
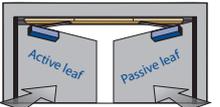
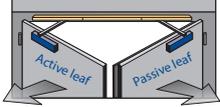
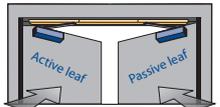
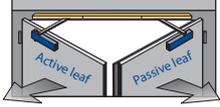
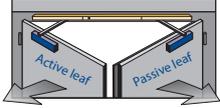
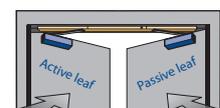
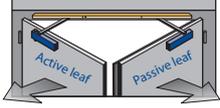
Legend

- ① Adjustment closing speed
- ② Adjustment latching action
- ③ Adjustment back check
- ④ Spring package
- ⑤ Display closing force
- ⑥ Adjustment closing force in front
- ⑦ Adjustment closing force on the side

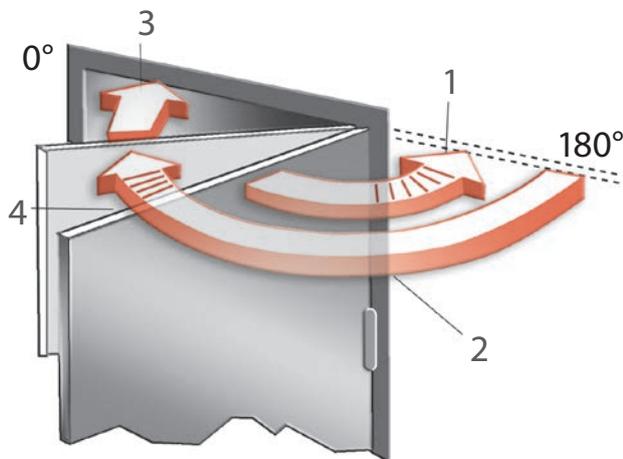
Technics - GEZE Overhead door closer TS 3000 V



GEZE System TS 5000 – Installation possibilities

Installation possibilities		Door closer installation on hinge side		Door closer installation on opposite hinge side	
		Door leaf installation	Transom installation	Door leaf installation	Transom installation
single-leaf	Standard version / with delayed closing action	TS 5000 / S / ECLine 	TS 5000 L / L ECLine 	TS 5000 L / L ECLine 	TS 5000 / ECLine 
	Electromechanical hold-open device	TS 5000 E 		TS 5000 L-E 	
	Electromechanical hold-open device Smoke switch control unit	TS 5000 R 		TS 5000 L-R 	
	Electric free swing function	TS 5000 EFS 	TS 5000 EFS 		
	Electric free swing function and smoke switch control unit	TS 5000 RFS 	TS 5000 RFS 		
	Integrated closing sequence control (also for full-panic solution)	TS 5000 ISM / TS 5000 ISM ECLine 		TS 5000 L-ISM / TS 5000 L-ISM ECLine / (L-ISM VPK) 	
double-leaf	Integrated mechanical closing sequence control Electromechanical hold-open device on both sides	TS 5000 E-ISM 		TS 5000 L-E-ISM 	
	Integrated mechanical closing sequence control with free swing function on the active leaf	TS 5000 ISM-EFS 			
	Integrated mechanical closing sequence control, electromechanical hold-open device on both sides Smoke switch control unit	TS 5000 R-ISM 		TS 5000 L-R-ISM 	
	Integrated mechanical closing sequence control, free swing function at the active leaf Smoke switch control unit	TS 5000 R-ISM EFS 			

General product functions and information GEZE door closers with guide rail



- 1) Back check
Reduces the speed of a forcefully thrown open door at approx. 90° door opening. However, e.g. in the case of outward-opening doors exposed to the wind, it cannot replace separate restriction of the opening angle – installation of a door stopper or other structural measures.
- 2) Closing speed
The closing speed of a door can be set individually.
- 3) Latching action
The door movement is accelerated in the last degrees of closing in order to overcome closing resistance, e.g. air resistance
- 4) Delayed closing action
Reduces the closing speed of a door or stops the door, so that passing people have sufficient time to get through the door.

GEZE door closer with adjustable closing force:

The standards specify that the size of the door closer (closing force of the closer) must be chosen to match the door width. If the structural (door height, door weight) or local conditions (wind) make it necessary, the next-highest size must be set.

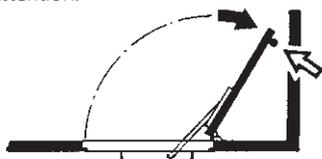
GEZE TS 3000 V, TS 5000 and variations include several door closer sizes in one housing, which can be set by means of a setting screw. With the TS 5000, the chosen size can be read off a visual display.

Door closer force EN	Door leaf width (mm)
Size 1	up to 750
Size 2	over 750 up to 850
Size 3	over 850 up to 950
Size 4	over 950 up to 1100
Size 5	over 1100 up to 1250
Size 6	over 1250 up to 1400

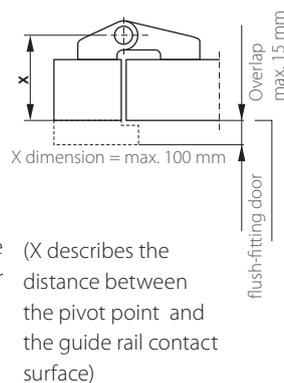
GEZE door closer with mechanical hold-open device: by installing the hold-open unit in the relevant guide rail, a door hold-open function with variable adjustment between 80° and 130° is possible. The retention force of the hold-open device is adjustable. The hold-open device can also be switched off.

Especially for installation on the opposite hinge side

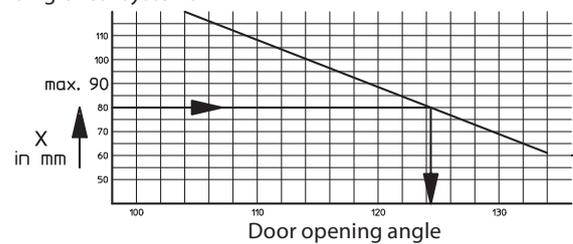
Attention!



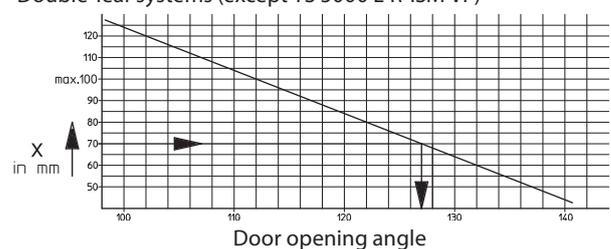
The max. door opening angle must be limited by using a door stop or a GEZE T-Stop guide rail.



Single-leaf systems



Double-leaf systems (except TS 5000 L-R-ISM VP)



Product information for door closers

Due to the liability the manufacturer has for its products under the German product liability law (§ 4 Prod-HaftG), the following information regarding door closers for swing leaf doors must be observed. Non-compliance discharges the manufacturer from its liability.

1) Product information and use as intended

Within this context, door closers are to be defined as products for closing swing leaf doors after they have been opened manually. The closing action is dampened using a hydraulically adjustable feature. The level of closing force required for specific leaf widths is defined in EN 1154. In the case of non-standard applications, the details provided by the manufacturer are to be regarded as definitive. Door closers are used on internal swing leaf doors made from metal, timber or plastic and combinations thereof. When used on smoke and fire protection doors or other standardised self-closing doors, they are subject to strict requirements in terms of the type of installation and their position. Any deviation from these requirements constitutes improper use.

Proper use of door closers (use as intended) relies on doors being installed perpendicular and their being able to move smoothly; it is also dependent on the door closers being properly secured. The products must be installed and adjusted professionally in accordance with the manufacturer's specifications.

Where local conditions are particularly unfavourable (wind), door closers with higher torques must be used.

It is particularly important to use door closers with a back check function on swing leaf doors that are exposed to wind when opening outwards. The back check function helps protect people, door elements, nearby walls and objects, without restricting the door opening angle. If the structural conditions of the door are such that there is a risk of the door leaf hitting the frame in the vicinity of the door's axis of rotation, a buffer must be installed to limit the door's maximum opening angle. If swing leaf doors are to be fixed in the open position, this may only be achieved using special additional fittings or integrated constructional elements. When used with smoke and fire protection doors, the devices must be officially approved by the German Centre of Competence for Construction (door suitability certificates must be heeded).

Door closers are not suitable for installation on swing leaf doors in the case of unprotected exterior mounting or for installation in environments where the air contains aggressive, corrosive substances or in extremely high or low temperatures.

Following installation, enclosures for floor springs must be protected against soiling. If floor springs are exposed to penetrating water (e.g. wet rooms or external doors with no protection from the rain), the area between the cement box and the floor spring cover must be sealed with a suitable sealing compound.

Compliance with mandatory statutory provisions must be ensured, where applicable, before door closers (including any additional devices) are installed and commissioned.

2) Misuse

Misuse (i.e. improper use of door closer products for swing leaf doors) includes, in particular:

- The presence of obstacles in the closing area, scraping doors, sticking seals, wooden wedges, etc. that hinder the door's closing action
- Incorrect or improper mounting and/or adjustment
- Reaching into the area between the door frame and leaf (risk of injury)
- If the warranted properties are likely to trigger proper functioning, e.g. in case of storms or unusual levels of overpressure or underpressure acting on the door

- If door closers are used for any purpose other than closing doors
- If the selected door closer size does not tally with the manufacturer's recommendations

3) Product performance

Where catalogues, brochures, manuals, etc. do not contain specific details of product performance, special requirements must be discussed and agreed with the manufacturer.

The EN 1154 standards serve as a guideline. These standards stipulate the vast majority of basic and additional requirements. Amongst other things, the usability of door closers depends on how often they are operated, how they are operated, environmental influences and how they are cared for. Door closers must be replaced as soon as the door's closing action can no longer be guaranteed to be fault-free and reliable.

4) Product maintenance

Safety-related components of door closers must be checked regularly for tightness and signs of wear (depending on what the requirements are). Fixing screws must be re-tightened and defective components replaced. In addition, the following maintenance work must be carried out at least once a year (depending on the swing leaf door type and extent of use):

- Grease all moving parts on the link arm
- In the case of door closers with special functions (hold-open mechanisms and hold-open devices), ensure compliance with statutory inspections, monitoring requirements and suggested maintenance intervals
- Check the closer settings, e.g. the closing speed
- Check that the door is able to move easily

Do not use any cleaning agents that contain corrosive or damaging ingredients.

5) Duties to inform and instruct

The following resources are available to help planners, specialist suppliers, installers, builders and users fulfil their duties of information and instruction:

- Catalogues, brochures, leaflets,
- Tender texts and bidding documents
- Attachment instructions, installation drawings, operating instructions, standards
- Advice from field staff

To ensure correct use of door closers on swing doors, guarantee their function and make sure they are maintained and cared for appropriately:

- Architects and planners are advised to order and observe the necessary product information
- Specialist suppliers are advised to observe the product information and advice in the price lists and, in particular, to order all relevant instructions, which are to be passed on to the installation engineer
- Installation engineers are advised to observe all the product information and to pass it on to the client and user

GEZE TS 3000 V / SYSTEM TS 5000

The following cover caps for overhead door closers TS 3000 V and TS 5000 are available:

Silver



Dark bronze



White RAL 9016



Polished brass



Stainless steel



Further RAL colours available on request.

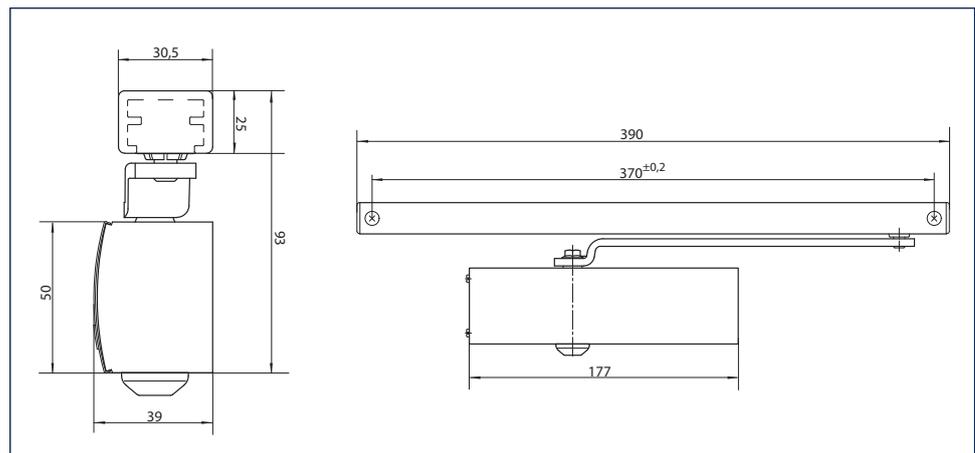
GEZE TS 1500 G

Guide rail door closer for 1-leaf doors of up to 750 mm leaf width

The overhead door closer TS 1500 G with guide rail is suitable for 1-leaf interior doors of up to 750 mm leaf width (fixed closing force EN size 1). The closing speed and the hydraulic latching action can be adjusted. The door closer is optionally available with a mounting plate and is suitable for both right and left hung single-action doors without conversion.



GEZE TS 1500 G



Application range

- For interior doors
- For single-action doors, leaf width up to 750 mm
- Can be used for right and left hung doors without conversion

Closer technical data

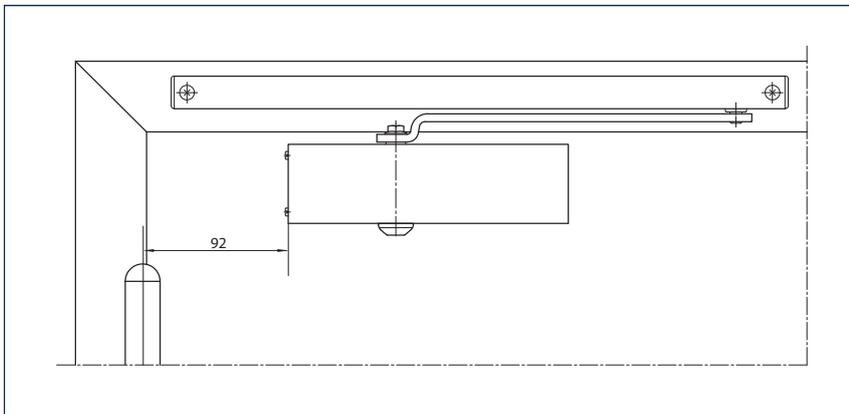
Product features	GEZE TS 1500 G closer
Closing force in accordance with EN 1154	1
Recommended leaf width up to	750 mm
Same version for DIN left and DIN right	●
Product tested in accordance with	Door closer tested in accordance with EN 1154
Length	177 mm
Overall depth	39 mm
Height	50 mm
Functions	
Adjustable closing force	No
Adjustable closing speed	●
Adjustable latching action	Yes, via valve
Integrated back check	No
● = YES ○ = OPTIONAL	

Guide rail technical data

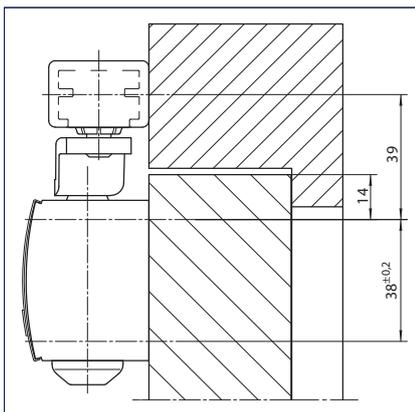
Product features	Guide rail TS 1500 G	Guide rail TS 1500 G/F
Length	390 mm	
Overall depth	30.5 mm	
Height	20.5 mm	
Functions		
Integrated opening restrictor	○	○
Integrated hold-open device	○	Mechanical
Hold-open device can be switched on and off	-	●
Hold-open device can be overridden	-	●
Hold-open angle		80 - 130 °
● = YES ○ = OPTIONAL		

Door leaf installation/hinge side TS 1500 G

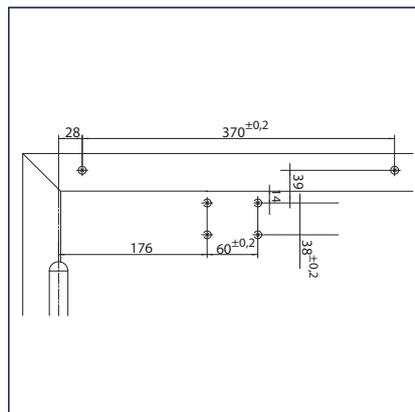
View



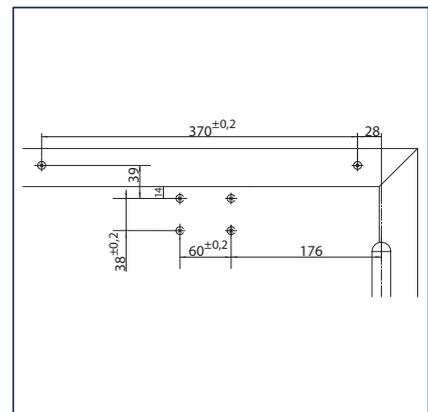
Example for installation

Direct installation

Cross-section = Direct installation

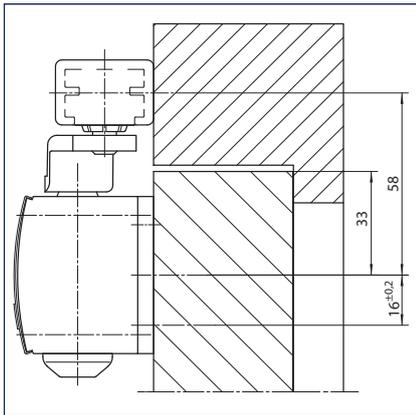


Fitting dimensions left-hand door

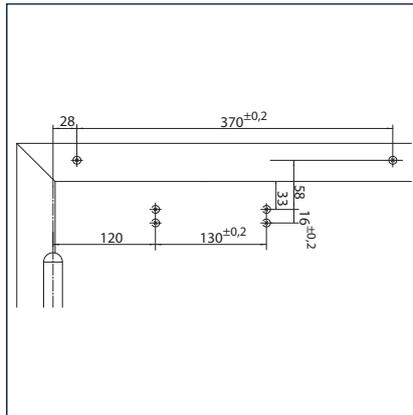


Fitting dimensions right-hand door

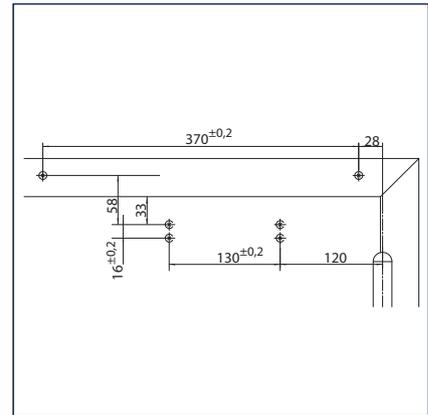
Installation with mounting plate



Cross-section = Installation with mounting plate



Fitting dimensions left-hand door



Fitting dimensions right-hand door

GEZE TS 1500 G - Order information

Description	Version	ID no.
GEZE TS 1500 G closer Size EN 1 (without guide rail and lever)	silver-coloured	101792
	white RAL 9016	101794
	acc. to RAL ¹⁾	101875
Guide rail TS 1500 G with lever	silver-coloured	101885
	white RAL 9016	101887
	acc. to RAL ¹⁾	101888
Guide rail TS 1500 G/F with mechanical hold-open device and lever	silver-coloured	101889
	white RAL 9016	101891
	acc. to RAL ¹⁾	101892
Installation materials		
Guide rail mounting plate for TS 1500 G	silver-coloured	072333
	acc. to RAL ¹⁾	072355
Mounting plate door closer for TS 1500	silver-coloured	029682
	white RAL 9016	029685
	acc. to RAL ¹⁾	029686
Accessories		
Door closer cover cap for TS 1500, can only be used for door leaf installation	silver-coloured	080147
	white RAL 9016	080149
	acc. to RAL ¹⁾	080150
Mechanical hold-open device for Standard / T-Stop / Boxer 20.7 mm guide rail, adjustable retention force, can be switched on and off, can be overridden		071924
Flexible opening restrictor for lightweight doors for riveted guide rail, standard guide rail BG and Boxer 20.7 mm guide rail		069780

1) Surcharge for RAL special colours, see General Information in the Price List.

GEZE TS 3000 V

Guide rail door closer for 1-leaf doors of up to 1100 mm leaf width

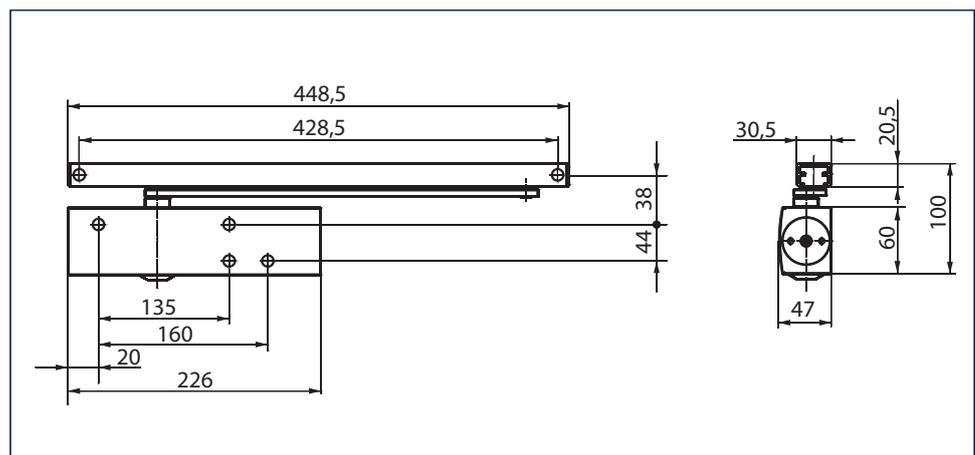
The overhead door closer TS 3000 V is approved for 1-leaf right and left single-action doors of up to 1100 mm and for installation on smoke and fire protection doors. The closing force, size 1-4 acc. to EN 1154, can be adjusted at the side, the hydraulic latching action and thermally stabilised closing speed can be adjusted from the front.

Special versions

- TS 3000 V with mechanical hold-open device with variable adjustment between 80° and 130° (not permissible on smoke and fire protection doors)
- TS 3000 V BC with back check adjustable from the front



GEZE TS 3000 V



Application range

- For single-action doors, leaf width up to 1100 mm
- Can be used for right and left hung doors without conversion
- For fire protection doors (door closer with mounting plate)

Closer technical data

Product features	GEZE TS 3000 V closer	GEZE TS 3000 V BC closer	GEZE TS 3000 EN3 closer
Closing force in accordance with EN 1154	1 - 4	1 - 4	3
Recommended leaf width up to	1100 mm	1100 mm	950 mm
Same version for DIN left and DIN right	●	●	●
Product tested in accordance with	Door closer tested in accordance with EN 1154		
Suitability for fire protection doors	●	●	●
Mounting plate with hole pattern in accordance with EN1154 supplement	●	●	●
Length	226 mm		
Overall depth	46 mm		
Height	60 mm		
Functions			
Adjustable closing force	Yes, stepless	Yes, stepless	No
Adjustable closing speed	●	●	●
Adjustable latching action	Yes, via valve		
Integrated back check	No	Yes, hydraulically adjustable	No
Position of closing force adjustment	At the side	At the side	
Safety valve against wilful damage	●	●	●
Thermo-control valves	●	●	●

- = YES
- = OPTIONAL

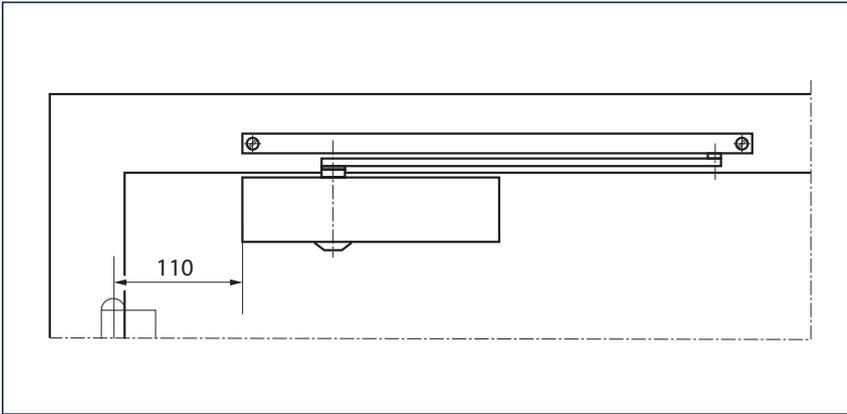
Guide rail technical data

Product features	Guide rail TS 5000/ TS 3000 vertically adjustable	Guide rail TS 5000/ TS 3000	T-Stop guide rail TS 5000/TS 3000
Length	448.5 mm	448.5 mm	452.5 mm
Overall depth	30.5 mm	30.5 mm	33 mm
Height	20.5 mm	20.5 mm	30 mm
Functions			
Integrated opening restrictor	○	○	●
Integrated hold-open device	○	○	○
Height correction possible	●	-	-

- = YES
- = OPTIONAL

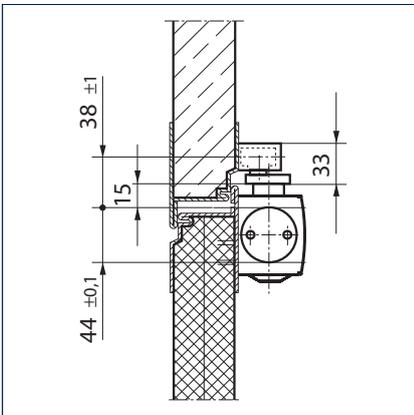
Door leaf installation/hinge side TS 3000 V

View

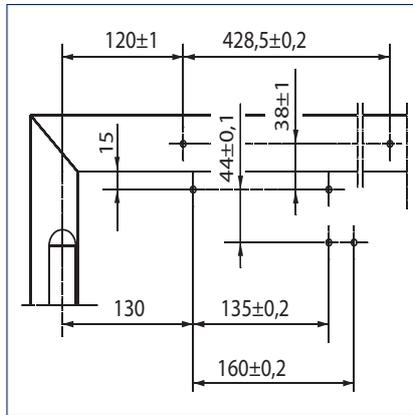


Example for installation

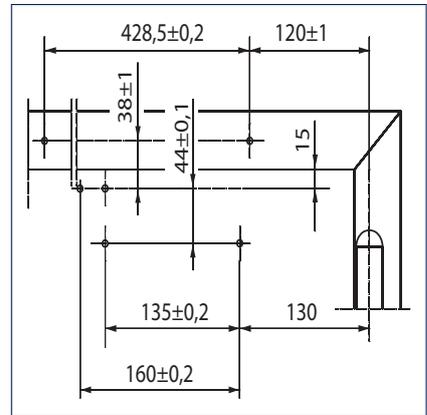
Direct installation



Cross-section = Direct installation

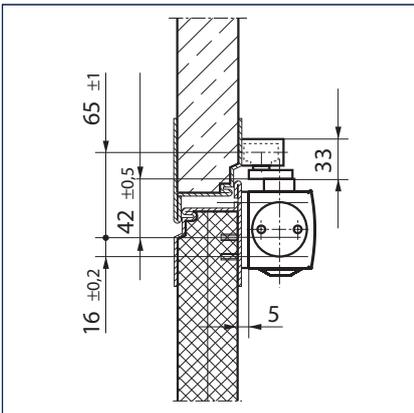


Fitting dimensions left-hand door

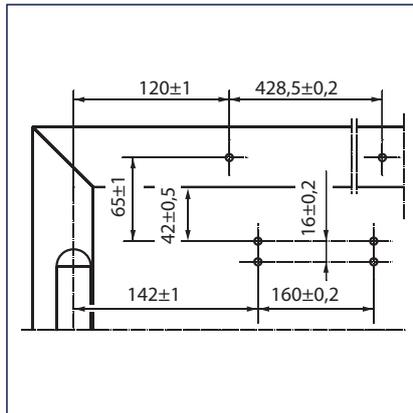


Fitting dimensions right-hand door

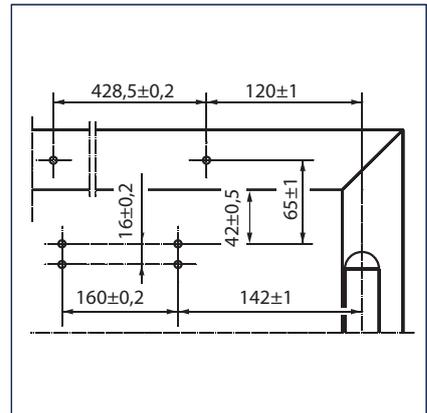
Installation with mounting plate



Cross-section = Installation with mounting plate



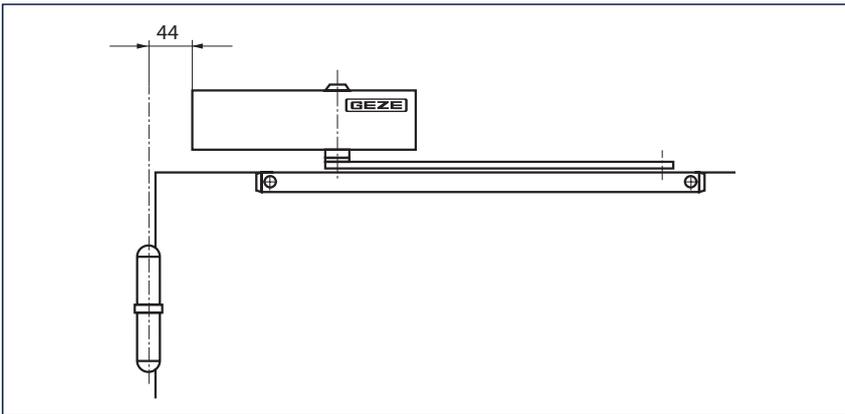
Fitting dimensions left-hand door



Fitting dimensions right-hand door

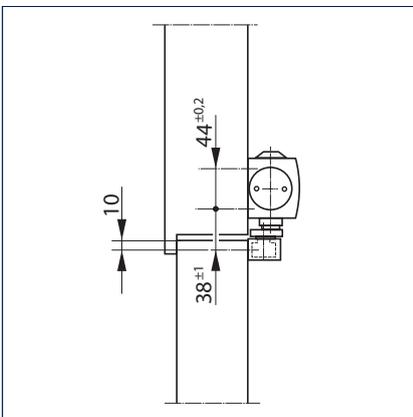
Transom installation/hinge side TS 3000 V

View

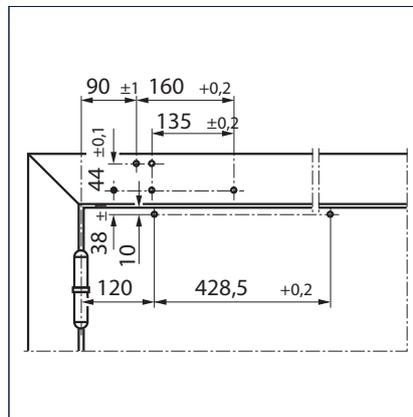


Example for installation

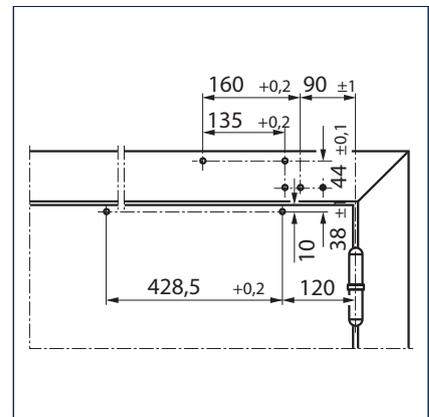
Direct installation



Cross-section = Direct installation

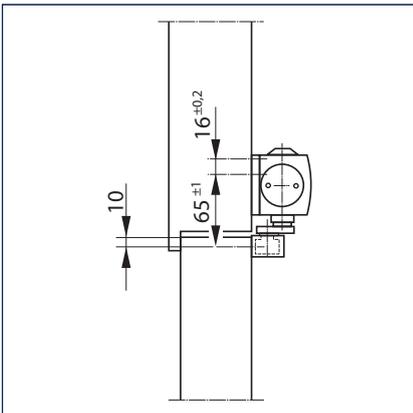


Fitting dimensions left-hand door

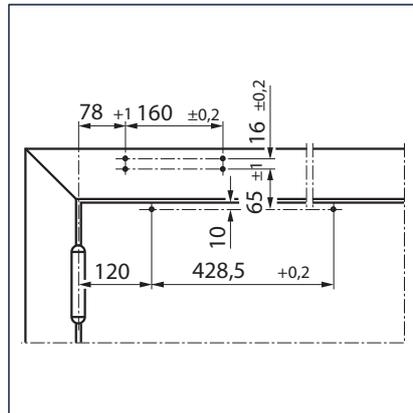


Fitting dimensions right-hand door

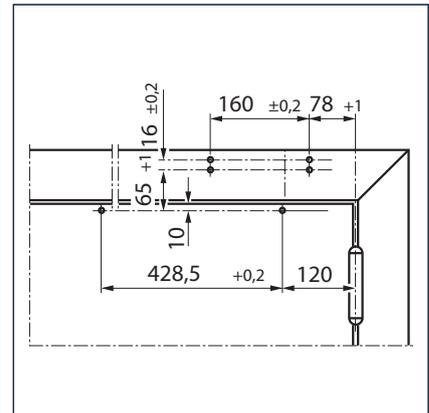
Installation with mounting plate



Cross-section = Installation with mounting plate



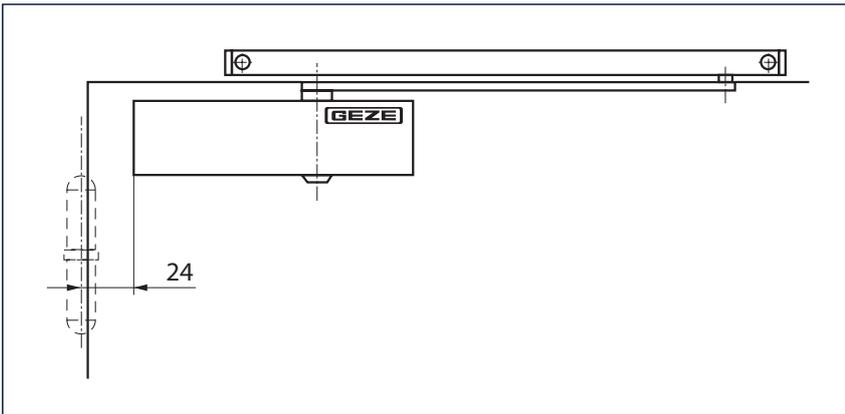
Fitting dimensions left-hand door



Fitting dimensions right-hand door

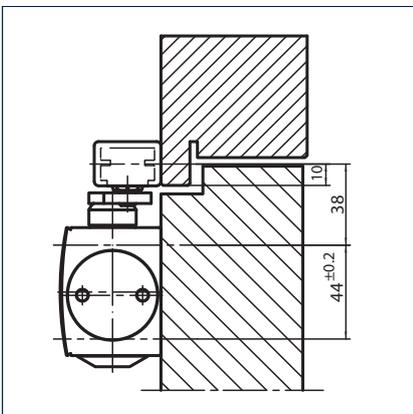
Door leaf installation/opposite hinge side TS 3000 V

View

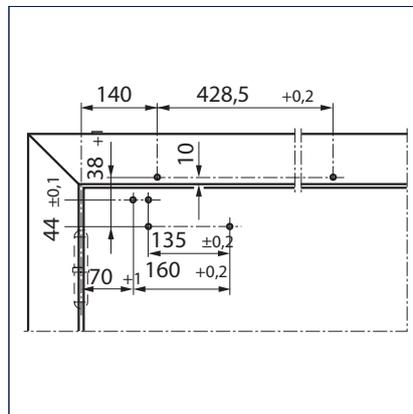


Example for installation

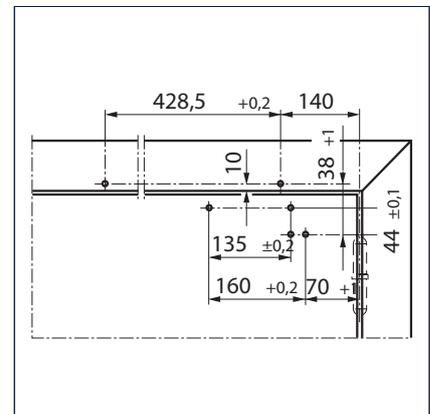
Direct installation



Cross-section = Direct installation

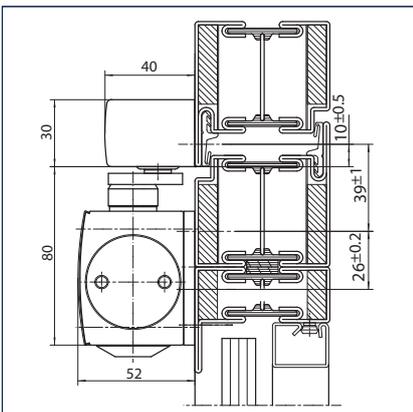


Fitting dimensions right-hand door

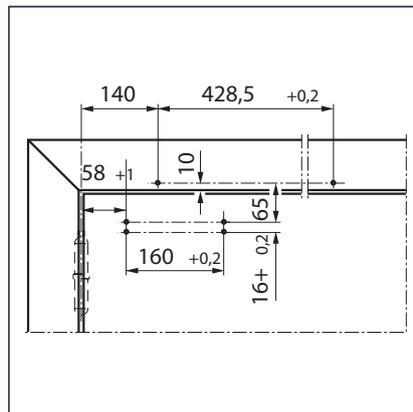


Fitting dimensions left-hand door

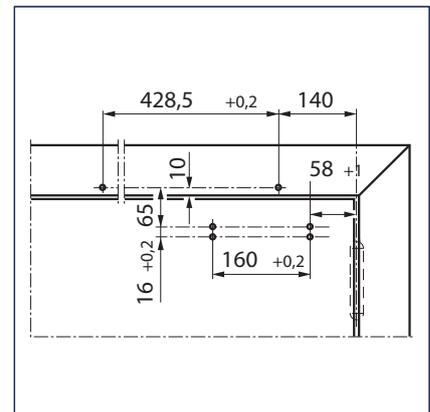
Installation with mounting plate



Cross-section = Installation with mounting plate



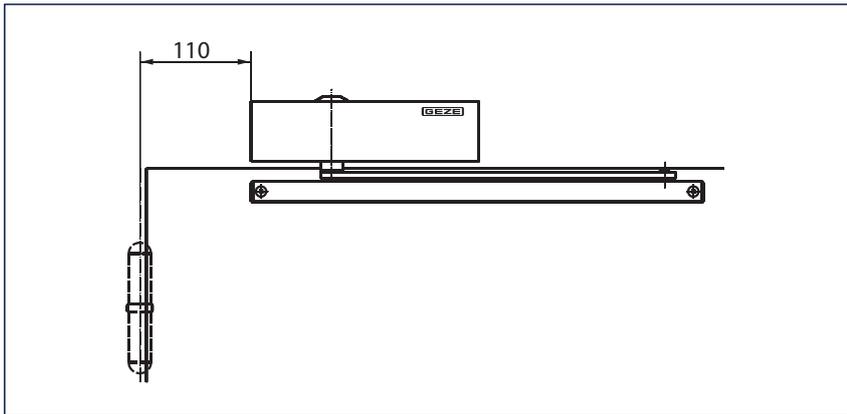
Fitting dimensions right-hand door



Fitting dimensions left-hand door

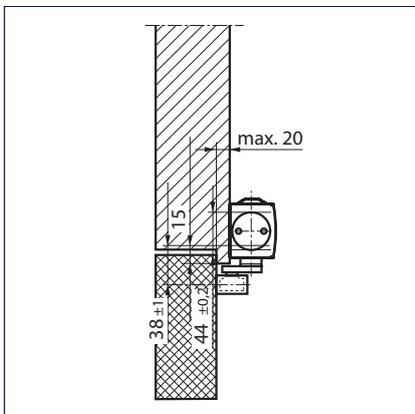
Transom installation/opposite hinge side TS 3000 V

View

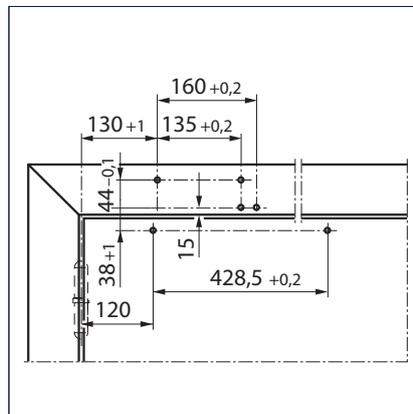


Example for installation

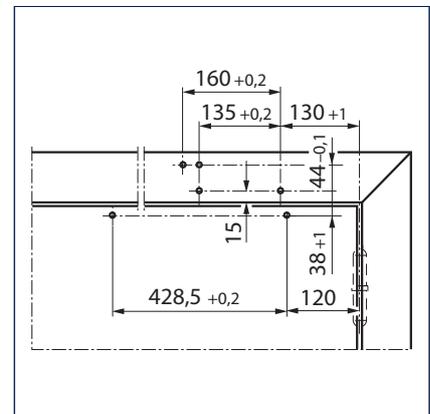
Direct installation



Cross-section = Direct installation

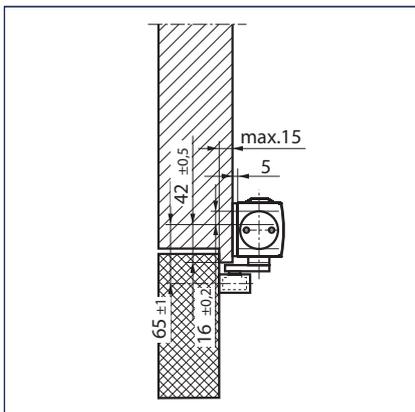


Fitting dimensions right-hand door

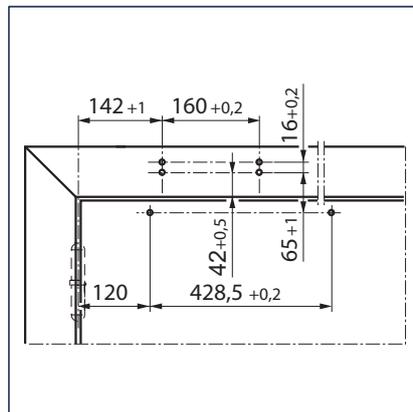


Fitting dimensions left-hand door

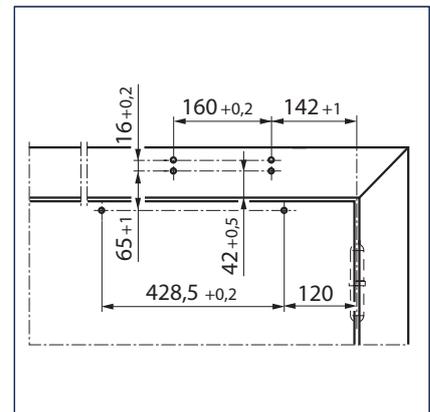
Installation with mounting plate



Cross-section = Installation with mounting plate



Fitting dimensions right-hand door



Fitting dimensions left-hand door

GEZE TS 3000 V - Order information

Description	Version	ID no.
GEZE TS 3000 V closer Size EN 1-4 (without guide rail and lever)	silver-coloured	028348
	white RAL 9016	028350
	acc. to RAL ²⁾	028351
GEZE TS 3000 V BC closer Size EN 1-4, with back check (without guide rail and lever)	silver-coloured	109326
	white RAL 9016	109328
	acc. to RAL ²⁾	109329
GEZE TS 3000 EN3 closer Size EN 3 (without guide rail and lever)	silver-coloured	102247
	white RAL 9016	102307
	acc. to RAL ²⁾	102308
Guide rail TS 5000/TS 3000 vertically adjustable Height compensation +/- 2 mm, with lever	silver-coloured	115191
	acc. to RAL ²⁾	115192
Guide rail BG TS 5000/TS 3000 vertically adjustable Height compensation +/- 2 mm, with lever, use with closer on leaf installation opposite hinge side	silver-coloured	115193
	acc. to RAL ²⁾	115194
Guide rail TS 5000/TS 3000 Standard, with lever	silver-coloured	068221
	white RAL 9016	015695
	simulated stainless steel ¹⁾	014945
	acc. to RAL ²⁾	000773
Guide rail BG TS 5000/TS 3000 Standard, with lever, use with closer on leaf installation on the opposite hinge side	silver-coloured	025655
	white RAL 9016	029404
	simulated stainless steel ¹⁾	028732
	acc. to RAL ²⁾	025656
T-Stop guide rail TS 5000/TS 3000 with integrated opening restrictor and lever	silver-coloured	102363
	white RAL 9016	108481
	simulated stainless steel ¹⁾	102364
	acc. to RAL ²⁾	102365
T-Stop guide rail BG TS 5000/TS 3000 with integrated opening restrictor and lever, use with closer on leaf installation opposite hinge side or with pivot bearing in leaf and transom installation opposite hinge side	silver-coloured	102366
	white RAL 9016	108482
	simulated stainless steel ¹⁾	102367
	acc. to RAL ²⁾	102368
Installation materials		
Mounting plate door closer for TS 3000 with hole pattern in accordance with DIN EN 1154 Supplement 1	silver-coloured	011230
	white RAL 9016	011233
	acc. to RAL ²⁾	011234
Glass clamping shoe door closer for TS 3000/TS 2000 NV	silver-coloured	014835
	white RAL 9016	014843
	acc. to RAL ²⁾	014845
Mounting plate and counterplate for all-glass door for TS 3000/TS 2000 NV	silver-coloured	090259
Mounting plate guide rail BG for standard / ECLine / T-Stop / EFS guide rail	silver-coloured	124683
	acc. to RAL ²⁾	124684
Guide rail mounting plate for standard / ECLine / T-Stop / EFS guide rail	silver-coloured	001512
	white RAL 9016	129252
	acc. to RAL ²⁾	104515

Description	Version	ID no.
Lintel casing bracket guide rail BG for standard guide rail	silver-coloured	025657
	white RAL 9016	030034
	simulated stainless steel ¹⁾	028393
	acc. to RAL ²⁾	025658
Lintel casing bracket guide rail BG for EClime and T-Stop guide rail	silver-coloured	115006
	acc. to RAL ²⁾	115007
Door closer drilling template for TS 5000/TS 4000/TS 3000/TS 2000		053134
Accessories		
Door closer cover cap for TS 3000/TS 2000, can only be used for door leaf installation	silver-coloured	013487
	white RAL 9016	014855
	stainless steel	072769
	brass	072770
	acc. to RAL ²⁾	014856
Mechanical hold-open device for Standard / T-Stop / Boxer 20.7 mm guide rail, adjustable retention force, can be switched on and off, can be overridden		071924
Flexible opening restrictor for lightweight doors for riveted guide rail, standard guide rail BG and Boxer 20.7 mm guide rail		069780

1) Only for dry rooms

2) Surcharge for RAL special colours, see General Information in the Price List.



TS 5000 R und TS 3000 V, Häussler Global Office GmbH, Stuttgart, Germany (Photo: Dirk Wilhelmy)

GEZE TS 5000 ECLine

Guide rail door closer for accessible, easily opening 1-leaf doors of up to 1250 mm leaf width in accordance with DIN 18040

The TS 5000 ECLine is the ideal solution for barrier-free buildings. Due to a consistent efficiency optimization of the entire system, the door closer achieves the high closing force EN5, respecting the maximum opening torque of 47 Nm, complying with the requirements of DIN 18040 standard. Thus, doors with leaf widths of up to 1250 millimetre can be equipped for better accessibility. The efficiency of the TS 5000 ECLine door closer, assured by official measurements, exceeds 80 %, i.e. almost the entire force applied to open the door will be reused as closing force. Within the opening angle of 2°-60°, the new ECLine guide rail enables a decreasing opening torque of about 40 % according to the DIN SPEC 1104 recommendation. The result is an easier opening and a more convenient use of the door. Depending on the application, the opening support can also be switched off – for example, on doors exposed to wind load or pressure differences.

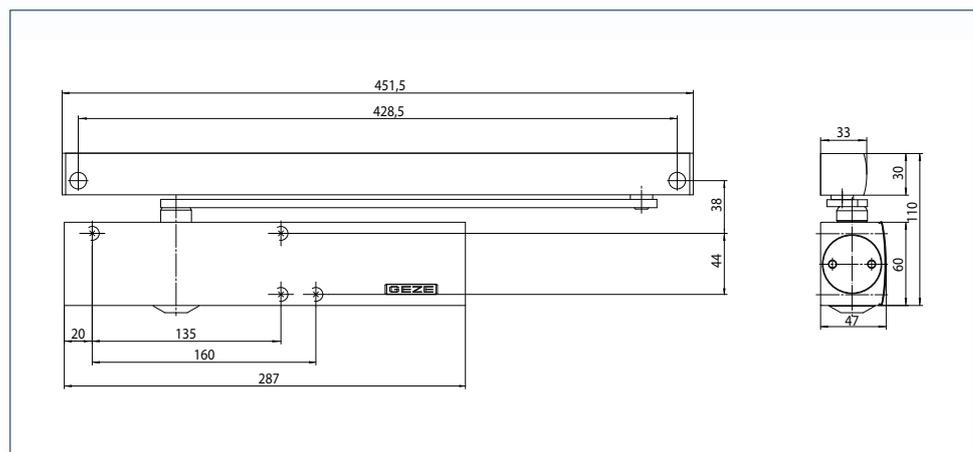
The TS 5000 ECLine does not need any further maintenance or installation work than other standard door closer systems. The drilling pattern is the same as for the TS 5000 standard closer. The opening support is delivered pre-assembled and pre-set.

Special versions

- GEZE TS 5000 ECLine with mechanical hold-open device, freely adjustable between 80° and 130° (not permissible for use on smoke and fire protection doors)



GEZE TS 5000 ECLine



Application range

- Barrier-free in accordance with DIN 18040 up to EN5 (1250 mm leaf width)
- Very high degree of access convenience due to opening assistance integrated in the guide rail
- For single-action doors, leaf width up to 1250 mm
- For right and left hung doors
- For fire protection doors (door closer with mounting plate)

Closer technical data

Product features	GEZE TS 5000 ECLine closer GEZE TS 5000 L ECLine closer
Closing force in accordance with EN 1154	3 - 5
Recommended leaf width up to	1250 mm
Same version for DIN left and DIN right	●
Product tested in accordance with	Door closer tested in accordance with EN 1154 DIN 18040 up to EN5 (1250 mm leaf width)
Suitability for fire protection doors	●
Length	287 mm
Overall depth	47 mm
Height	60 mm
Functions	
Adjustable closing force	Yes, stepless
Adjustable closing speed	●
Adjustable latching action	Yes, via valve
Integrated back check	Yes, hydraulically adjustable
Integrated delayed closing action	-
Position of closing force adjustment	Front
Visual closing force display	●
Safety valve against wilful damage	●
Thermo-control valves	●

- = YES
- = OPTIONAL

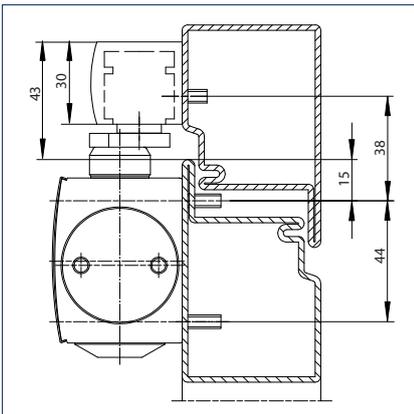
Guide rail technical data

Product features	ECLine guide rail TS 5000 ECLine guide rail TS 5000 BG	Guide rail TS 5000/TS 3000 Guide rail BG TS 5000/TS 3000	T-Stop guide rail TS 5000/TS 3000 T-Stop guide rail BG TS 5000/TS 3000	Guide rail TS 5000/TS 3000 vertically adjustable
Length	452,5 mm	448,5 mm	452,5 mm	448,5 mm
Overall depth	33 mm	30,5 mm	33 mm	30,5 mm
Height	30 mm	20,5 mm	30 mm	20,5 mm
Functions				
Integrated opening restrictor	-	○	●	○
Integrated hold-open device	Optional		No	Optional
Height correction possible	-	-	-	●
Opening assistance can be switched off	●	-	-	-

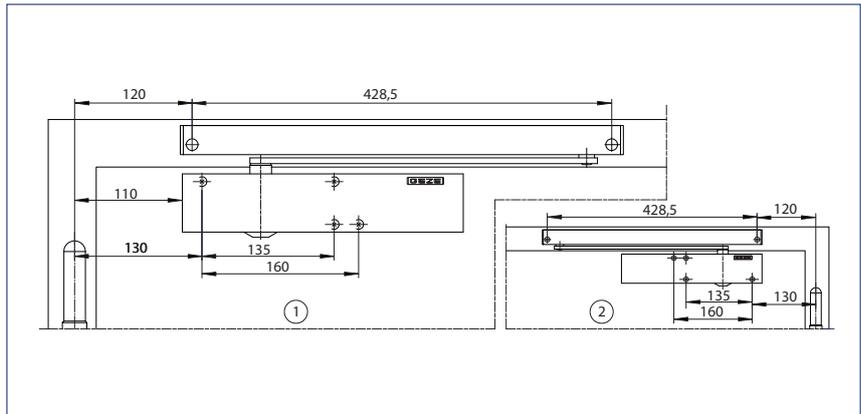
- = YES
- = OPTIONAL

TS 5000 ECLine door leaf installation/hinge side

Direct installation

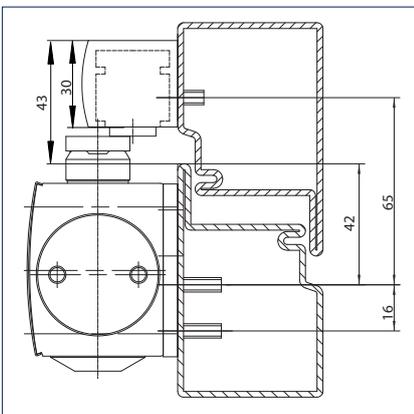


Cross-section = Direct installation

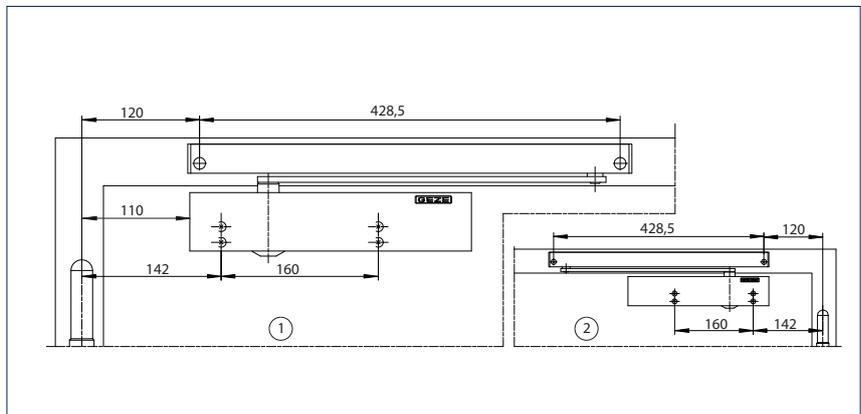


- 1 = Fitting dimensions DIN left
- 2 = DIN right

Installation with mounting plate



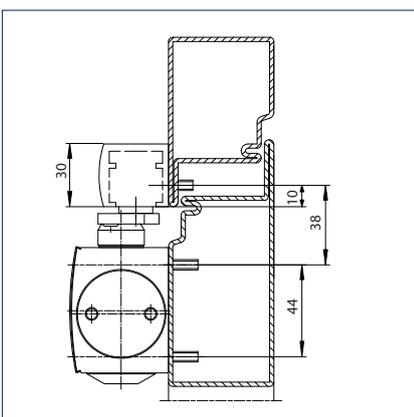
Cross-section = Installation with mounting plate



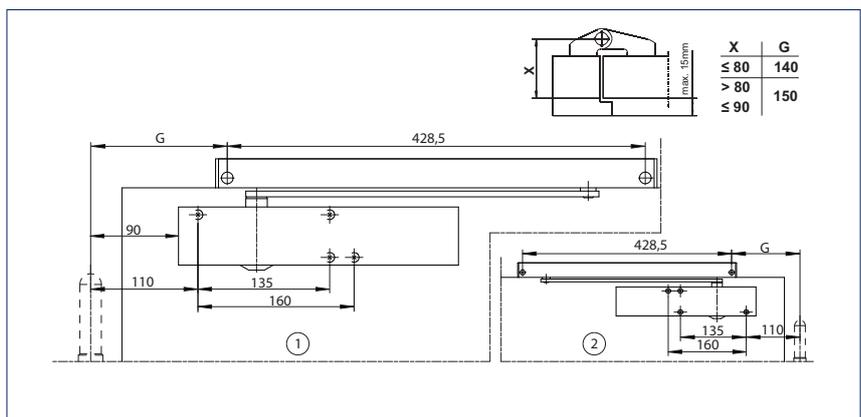
- 1 = Fitting dimensions DIN left
- 2 = DIN right

TS 5000 L ECLine door leaf installation/opposite hinge side

Direct installation

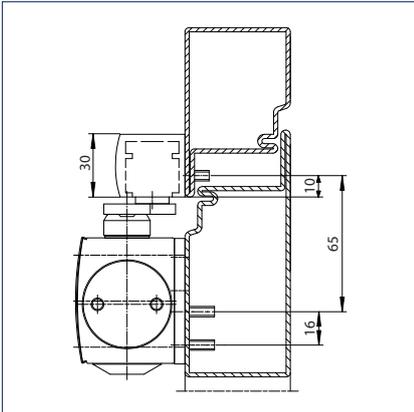


Cross-section = Direct installation

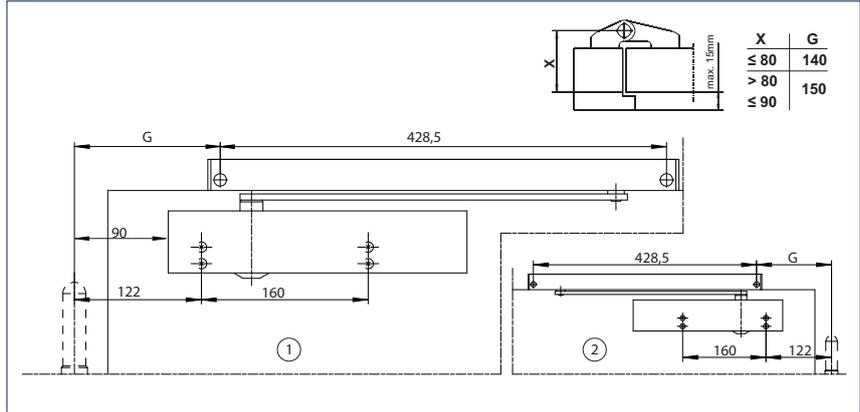


- 1 = Fitting dimensions DIN right
- 2 = DIN left

Installation with mounting plate



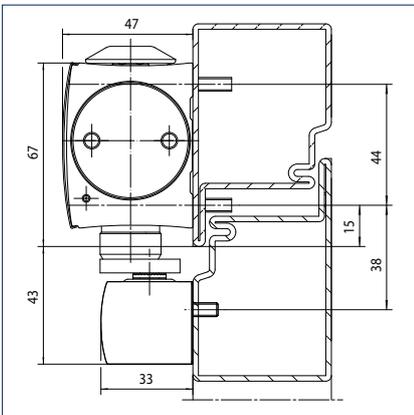
Cross-section = Installation with mounting plate



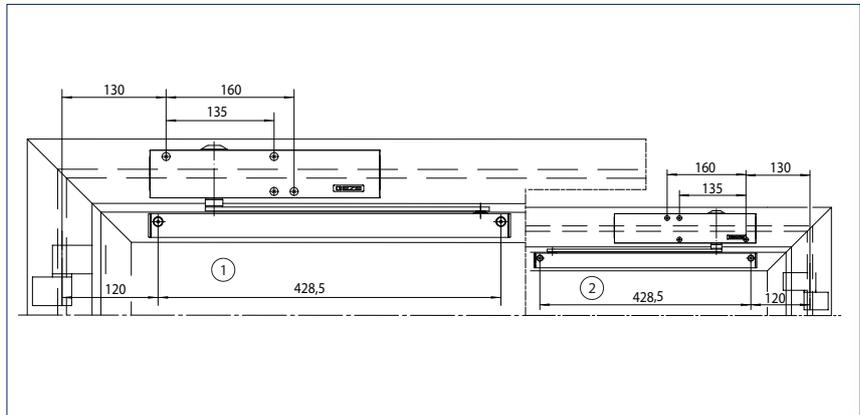
- 1 = Fitting dimensions DIN right
- 2 = DIN left

TS 5000 ECLine Transom installation/opposite hinge side (back check not effective)

Direct installation

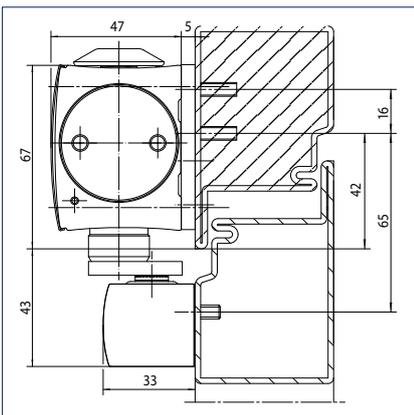


Cross-section = Direct installation

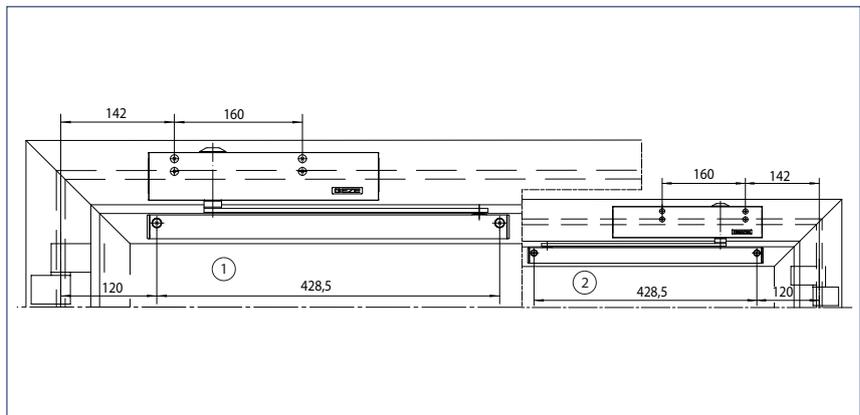


- 1 = Fitting dimensions DIN right
- 2 = DIN left

Installation with mounting plate



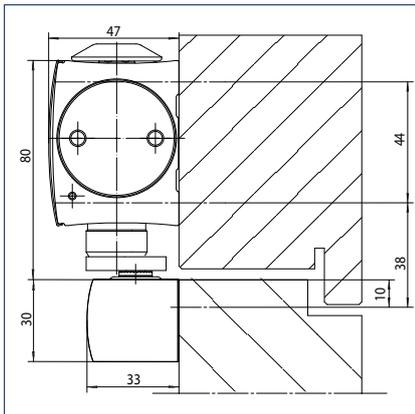
Cross-section = Installation with mounting plate



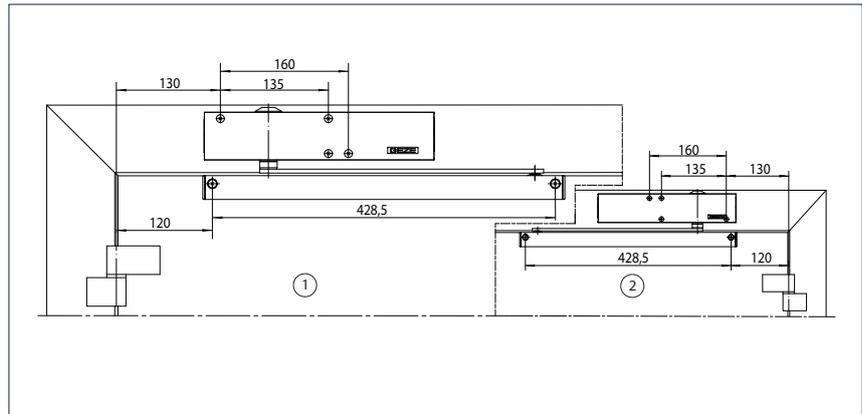
- 1 = Fitting dimensions DIN right
- 2 = DIN left

TS 5000 L Ecline Transom installation/hinge side

Direct installation

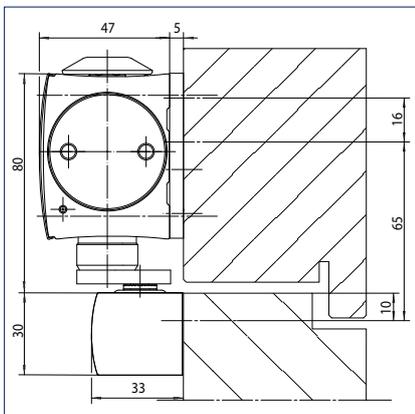


Cross-section = Direct installation

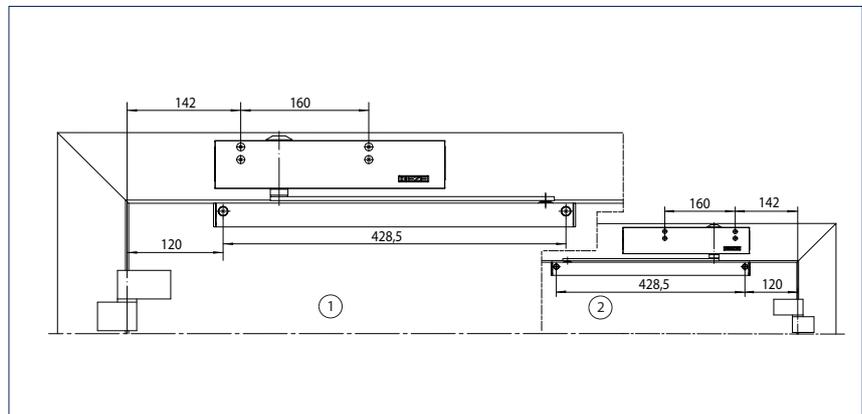


- 1 = Fitting dimensions DIN left
2 = DIN right

Installation with mounting plate



Cross-section = Installation with mounting plate



- 1 = Fitting dimensions DIN left
2 = DIN right

GEZE TS 5000 Ecline - Order information

Description	Version	ID no.
Ecline guide rail TS 5000 for use with TS 5000 Ecline closer, with integrated opening assistance for easy opening, with lever	silver-coloured	143572
	white RAL 9016	143575
	stainless steel optic ¹⁾	143576
	acc. to RAL ²⁾	143577
Ecline guide rail TS 5000 BG for use with TS 5000 L Ecline closer for door leaf installation opposite hinge side, with integrated opening assistance for easy opening, with lever	silver-coloured	143578
	white RAL 9016	143579
	stainless steel optic ¹⁾	143580
	acc. to RAL ²⁾	143582
GEZE TS 5000 Ecline closer Size EN 3-5, with back check (without guide rail and lever)	silver-coloured	143640
	white RAL 9016	143641
	Stainless steel driver	143642
	acc. to RAL ²⁾	143643
GEZE TS 5000 L Ecline closer Size EN 3-5, with back check (without guide rail and lever)	silver-coloured	143648
	white RAL 9016	143649
	Stainless steel driver	143650
	acc. to RAL ²⁾	143651

Description	Version	ID no.
Guide rail BG TS 5000/TS 3000 Standard, with lever, use with closer on leaf installation on the opposite hinge side	silver-coloured	025655
	white RAL 9016	029404
	stainless steel optic ¹⁾	028732
	acc. to RAL ²⁾	025656
Guide rail TS 5000/TS 3000 Standard, with lever	silver-coloured	068221
	white RAL 9016	015695
	stainless steel optic ¹⁾	014945
	acc. to RAL ²⁾	000773
Guide rail TS 5000/TS 3000 vertically adjustable Height compensation +/- 2 mm, with lever	silver-coloured	115191
	acc. to RAL ²⁾	115192
T-Stop guide rail BG TS 5000/TS 3000 with integrated opening restrictor and lever, use with closer on leaf installation opposite hinge side or with pivot bearing in leaf and transom installation on the opposite hinge side	silver-coloured	102366
	white RAL 9016	108482
	stainless steel optic ¹⁾	102367
	acc. to RAL ²⁾	102368
T-Stop guide rail TS 5000/TS 3000 with integrated opening restrictor and lever	silver-coloured	102363
	white RAL 9016	108481
	stainless steel optic ¹⁾	102364
	acc. to RAL ²⁾	102365
Installation materials		
Door closer drilling template for TS 5000/TS 4000/TS 3000/TS 2000		053134
Glass clamping shoe door closer for TS 5000/TS 4000	silver-coloured	057126
	white RAL 9016	009491
	acc. to RAL ²⁾	009494
Guide rail mounting plate for standard / ECLine / T-Stop / EFS guide rail	silver-coloured	001512
	white RAL 9016	129252
	acc. to RAL ²⁾	104515
Lintel casing bracket guide rail BG for ECLine and T-Stop guide rail	silver-coloured	115006
	acc. to RAL ²⁾	115007
Lintel casing bracket transom installation BG for TS 5000/TS 4000	silver-coloured	049240
	acc. to RAL ²⁾	104451
Mounting and counterplate for all-glass door for TS 5000/TS 4000	silver-coloured	007923
	acc. to RAL ²⁾	007926
Mounting plate door closer for TS 5000/TS 4000 with hole pattern in accordance with DIN EN 1154 Supplement 1	silver-coloured	049185
	white RAL 9016	068627
	galvanised	057956
	stainless steel optic ¹⁾	137725
Mounting plate guide rail BG for standard / ECLine / T-Stop / EFS guide rail	acc. to RAL ²⁾	029176
	silver-coloured	124683
	acc. to RAL ²⁾	124684
Accessories		
Door closer cover cap for TS 5000/TS 5000 L/TS 4000, can only be used for door leaf installation	silver-coloured	067724
	white RAL 9016	067726
	Stainless steel	072696
	brass	072698
	acc. to RAL ²⁾	000756
GEZE mechanical hold-open device for ECLine guide rail, retention force adjustable, can be switched on and off, can be overridden ³⁾		148820

1) Only for dry rooms

2) Surcharge for RAL special colours, see General Information in the Price List.

3) Use on fire proof doors not permissible

GEZE TS 5000

Guide rail door closer for 1-leaf doors of up to 1400 mm leaf width

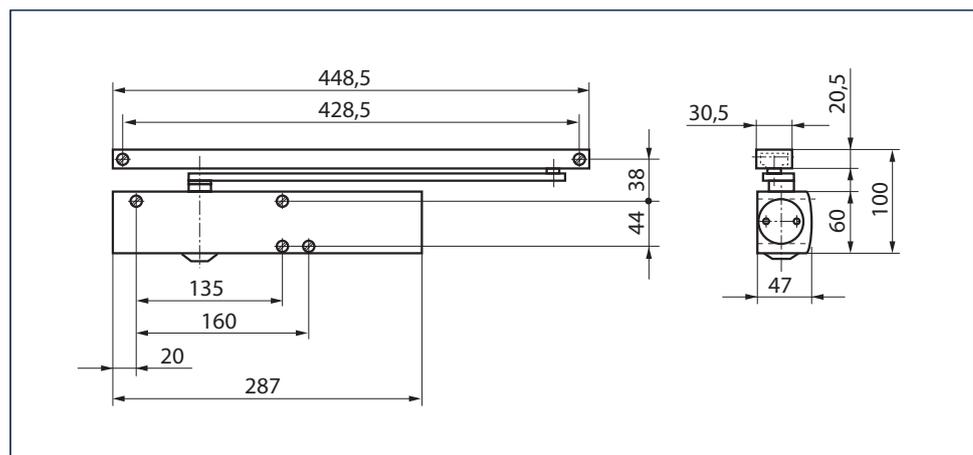
The overhead door closer TS 5000 stands for clear lines and numerous system variants. It is approved for 1-leaf right and left single-action doors with larger leaf widths of up to 1400 mm and for use on smoke and fire protection doors. The closing force, size 2-6 acc. to EN 1154, the thermally stabilised closing speed, the hydraulic latching action and the back check can all easily be regulated from the front in the installed state. The set closing force can easily be checked due to the visual closing force display.

Special versions

- GEZE TS 5000 with mechanical hold-open device, freely adjustable between 80° and 130° (not permissible for use on smoke and fire protection doors)
- GEZE door closer TS 5000 S with delayed closing action adjustable from the front



GEZE TS 5000



Application range

- For single-action doors, leaf width of up to 1400 mm
- Can be used for right and left hung doors without conversion
- For fire protection doors (door closer with mounting plate)

Closer technical data

Product features	GEZE TS 5000 closer	GEZE TS 5000 S closer	GEZE TS 5000 L closer
Closing force in accordance with EN 1154		2 - 6	
Recommended leaf width up to		1400 mm	
Same version for DIN left and DIN right	•	•	•
Product tested in accordance with	Door closer tested in accordance with EN 1154		
Suitability for fire protection doors	•	•	•
Mounting plate with hole pattern in accordance with EN1154 supplement	•	•	•
Length		287 mm	
Overall depth		47 mm	
Height		60 mm	
Functions			
Adjustable closing force		Yes, stepless	
Adjustable closing speed	•	•	•
Adjustable latching action		Yes, via valve	
Integrated back check		Yes, hydraulically adjustable	
Integrated delayed closing action	-	•	-
Position of closing force adjustment		Front	
Visual closing force display	•	•	•
Safety valve against wilful damage	•	•	•
Thermo-control valves	•	•	•

- = YES
- = OPTIONAL

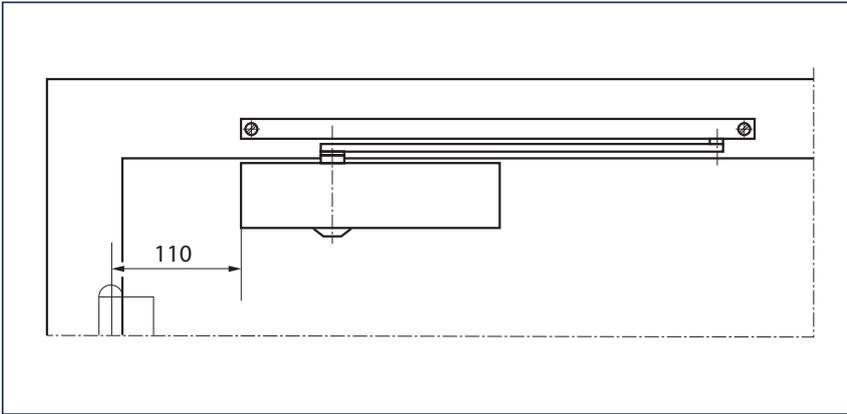
Guide rail technical data

Product features	Guide rail TS 5000/ TS 3000 vertically adjustable	Guide rail TS 5000/ TS 3000	T-Stop guide rail TS 5000/TS 3000
Length	448.5 mm	448.5 mm	452.5 mm
Overall depth	30.5 mm	30.5 mm	33 mm
Height	20.5 mm	20.5 mm	30 mm
Functions			
Integrated opening restrictor	○	○	•
Integrated hold-open device	○	○	○
Opening assistance can be switched off	•	-	-

- = YES
- = OPTIONAL

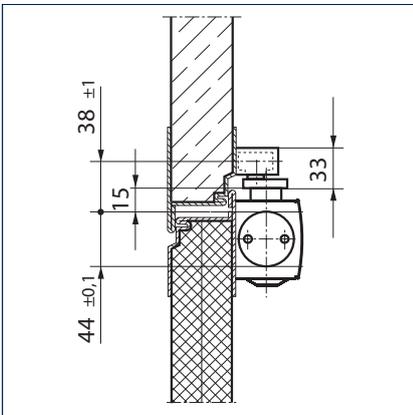
Door leaf installation/hinge side TS 5000

View

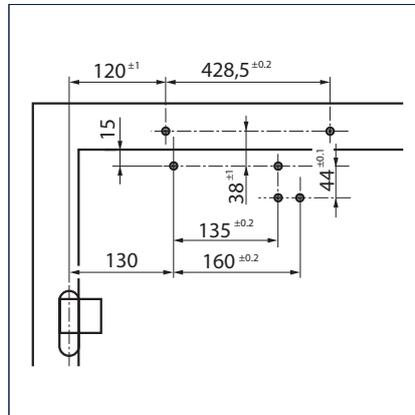


Example for installation

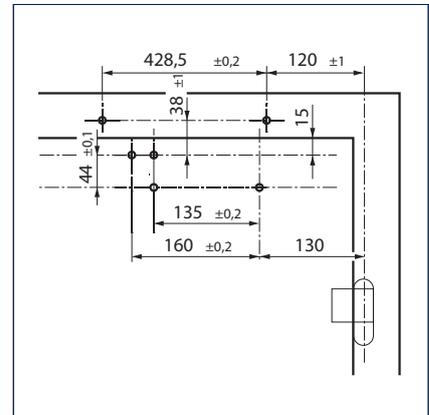
Direct installation



Cross-section = Direct installation

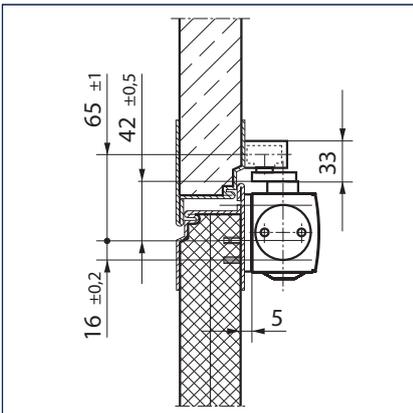


Fitting dimensions left-hand door

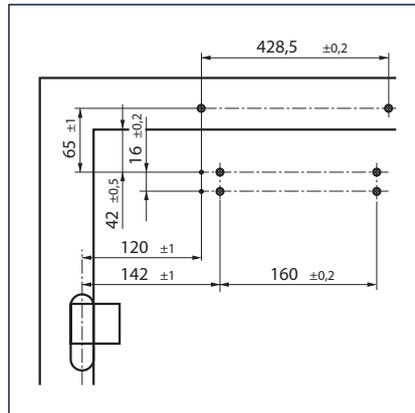


Fitting dimensions right-hand door

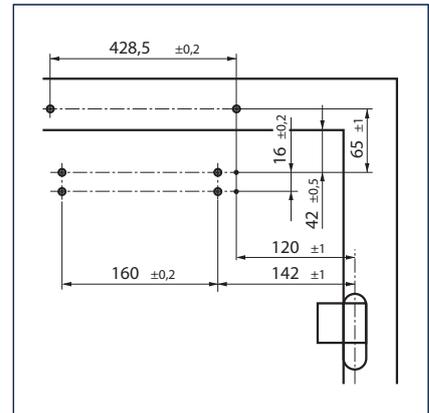
Installation with mounting plate



Cross-section = Installation with mounting plate

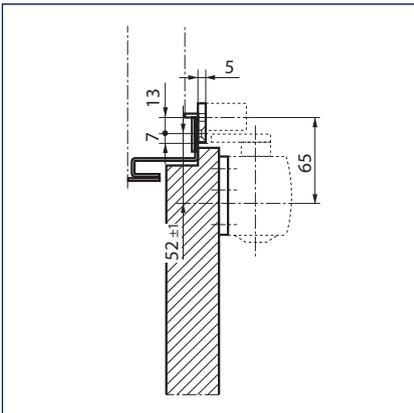


Fitting dimensions left-hand door

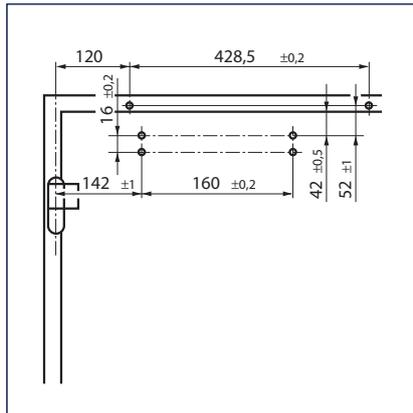


Fitting dimensions right-hand door

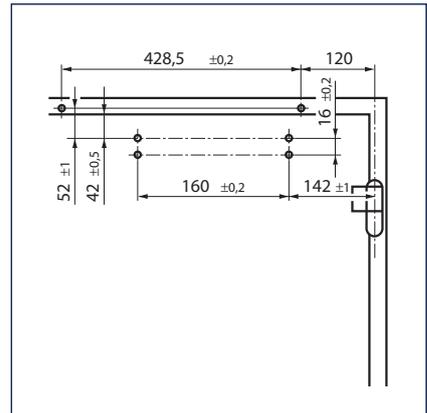
Installation on slim frames



Cross-section = Installation with mounting plate



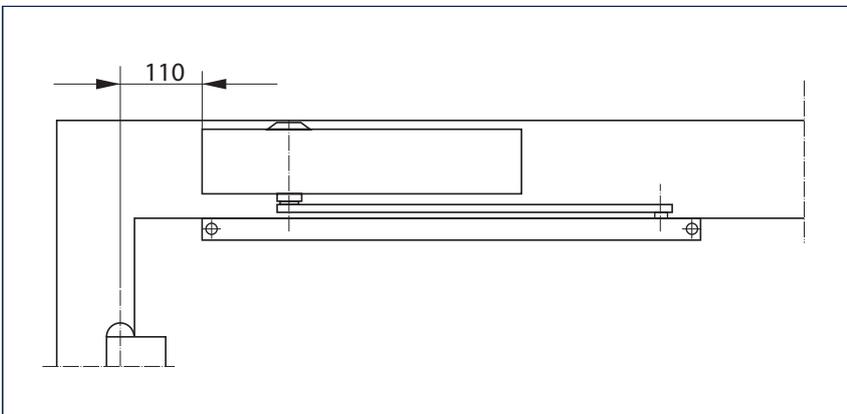
Fitting dimensions left-hand door



Fitting dimensions right-hand door

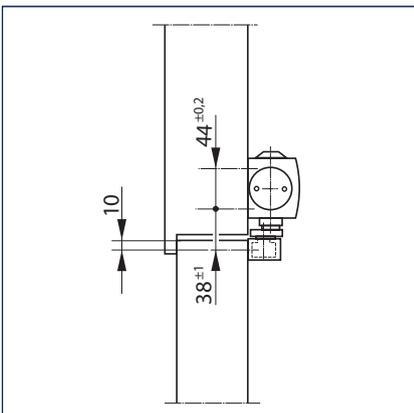
Transom installation/hinge side TS 5000 L

View

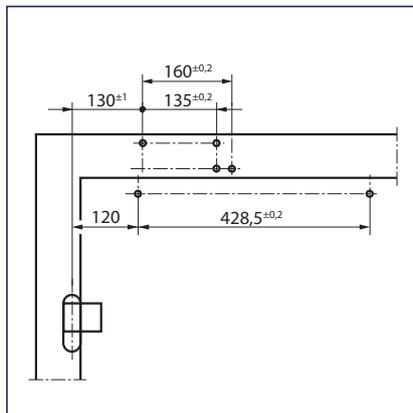


Example for installation

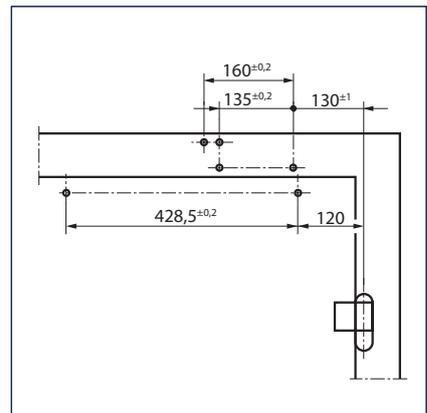
Direct installation



Cross-section = Direct installation

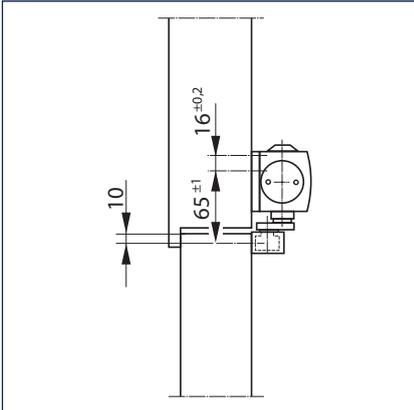


Fitting dimensions left-hand door

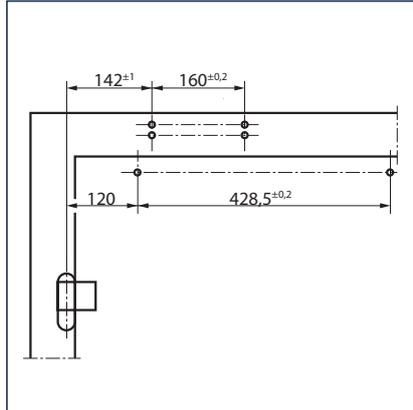


Fitting dimensions right-hand door

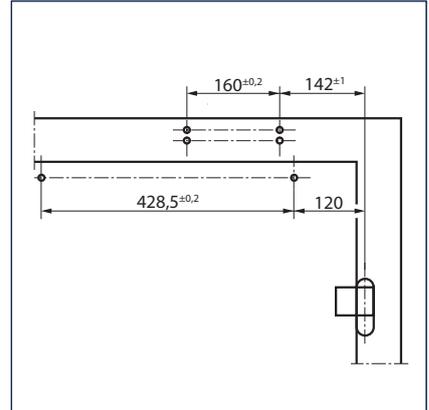
Installation with mounting plate



Cross-section = Installation with mounting plate



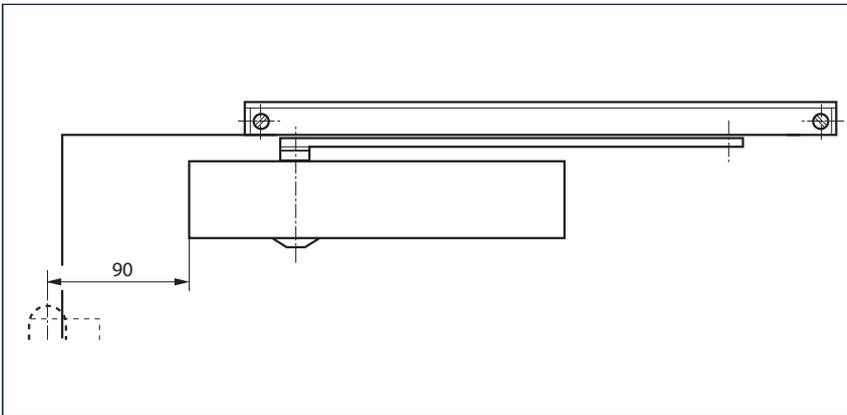
Fitting dimensions left-hand door



Fitting dimensions right-hand door

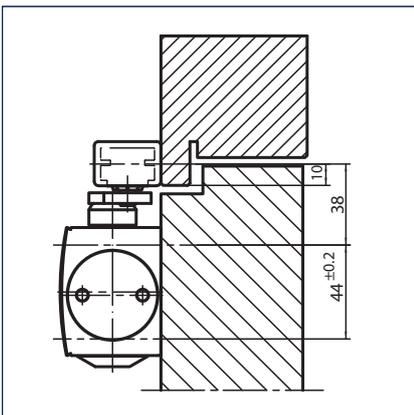
Door leaf installation/opposite hinge side TS 5000 L

View

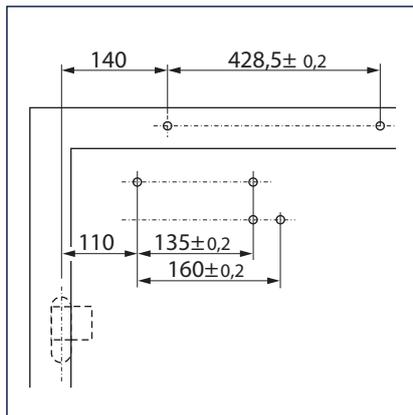


Example for installation

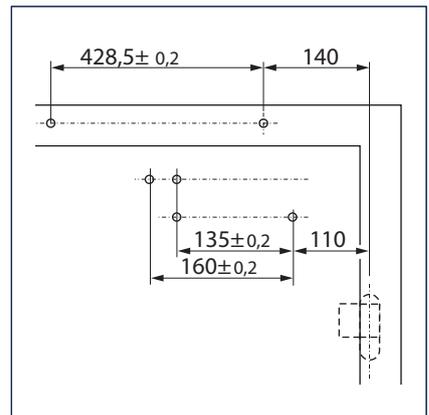
Direct installation



Cross-section = Direct installation

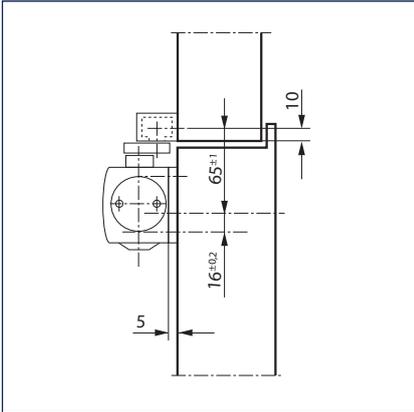


Fitting dimensions right-hand door

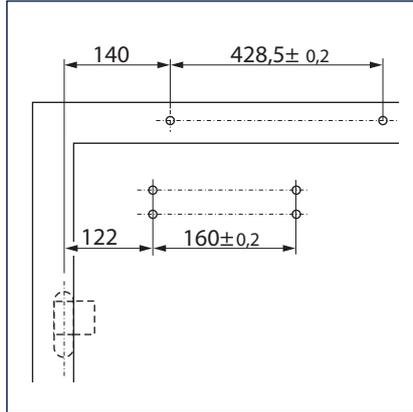


Fitting dimensions left-hand door

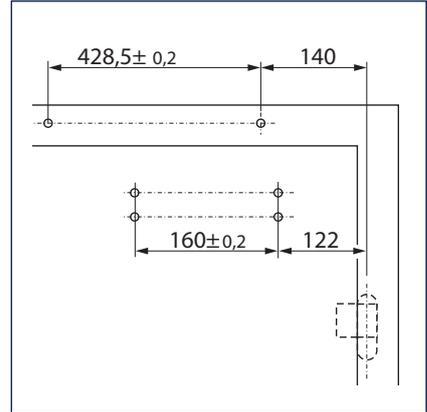
Installation with mounting plate



Cross-section = Installation with mounting plate

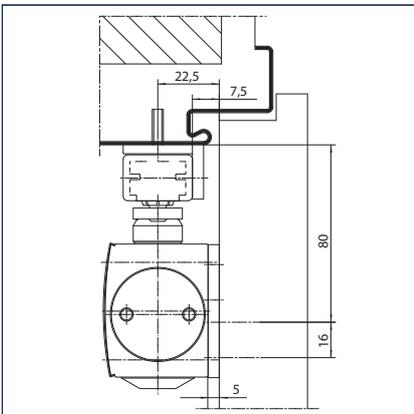


Fitting dimensions right-hand door



Fitting dimensions left-hand door

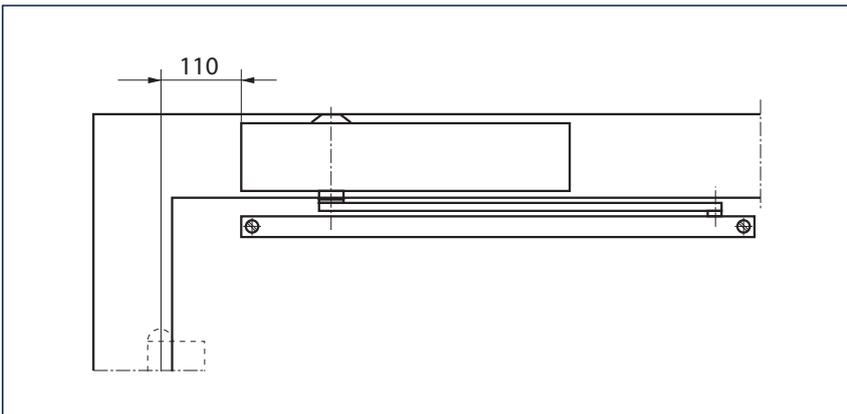
Installation with lintel casing bracket



Cross-section = Installation with mounting plate and lintel casing bracket

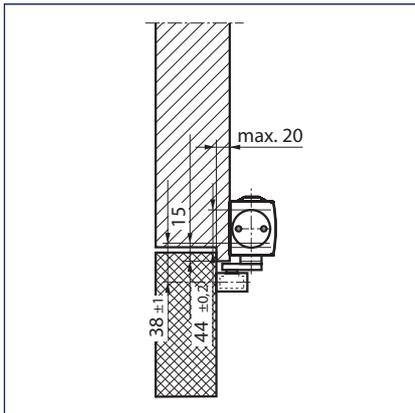
Transom installation/opposite hinge side TS 5000 (back check not effective)

View

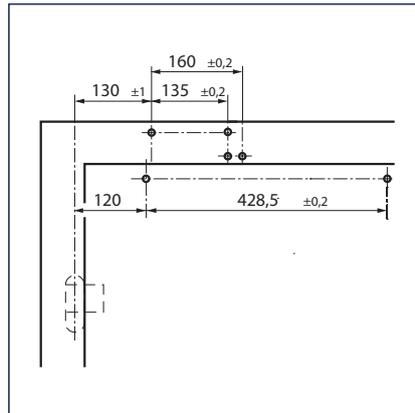


Example for installation

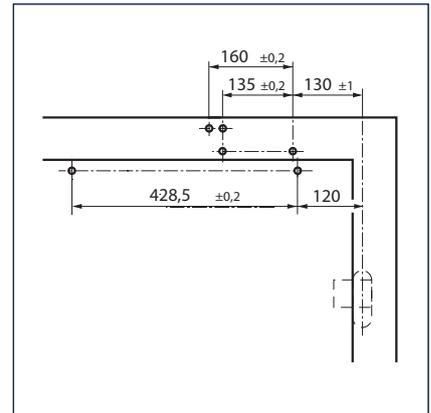
Direct installation



Cross-section = Direct installation

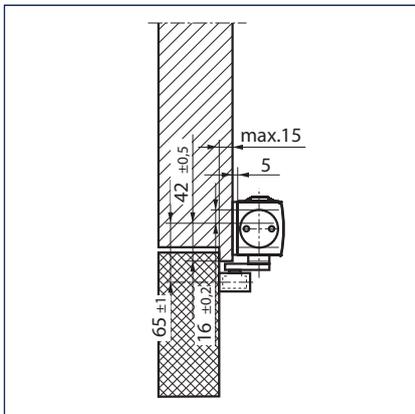


Fitting dimensions right-hand door

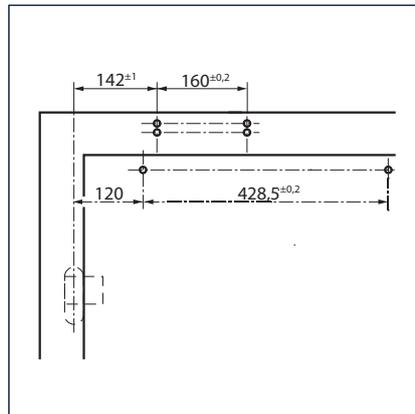


Fitting dimensions left-hand door

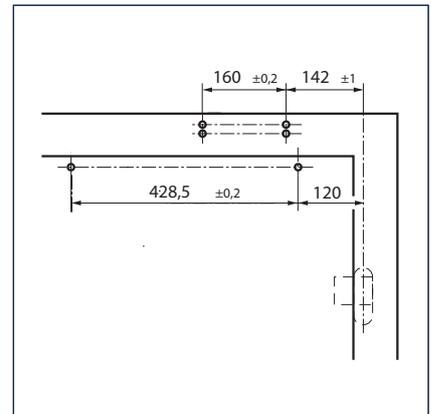
Installation with mounting plate



Cross-section = Installation with mounting plate



Fitting dimensions right-hand door



Fitting dimensions left-hand door



TS 5000, Textile and Industry Museum, Augsburg, Germany (Photo: Dirk Wilhelmy)

GEZE TS 5000 - Order information

Description	Version	ID no.
GEZE TS 5000 closer Size EN 2-6, with back check (without guide rail and lever)	silver-coloured	027333
	white RAL 9016	027335
	stainless steel slide plate	137721
	acc. to RAL ²⁾	027336
GEZE TS 5000 S closer Size EN 2-6, with delayed closing action and back check (without guide rail and lever)	silver-coloured	107935
	white RAL 9016	107937
	stainless steel slide plate	137722
	acc. to RAL ²⁾	107938
GEZE TS 5000 L closer Size EN 2-6, with back check (without guide rail and lever)	silver-coloured	027351
	white RAL 9016	029400
	stainless steel slide plate	137723
	acc. to RAL ²⁾	027352
Guide rail TS 5000/TS 3000 vertically adjustable Height compensation +/- 2 mm, with lever	silver-coloured	115191
	acc. to RAL ²⁾	115192
Guide rail TS 5000/TS 3000 Standard, with lever	silver-coloured	068221
	white RAL 9016	015695
	simulated stainless steel ¹⁾	014945
	acc. to RAL ²⁾	000773
T-Stop guide rail TS 5000/TS 3000 with integrated opening restrictor and lever	silver-coloured	102363
	white RAL 9016	108481
	simulated stainless steel ¹⁾	102364
	acc. to RAL ²⁾	102365
Guide rail BG TS 5000/TS 3000 vertically adjustable Height compensation +/- 2 mm, with lever, use with closer on leaf installation on the opposite hinge side	silver-coloured	115193
	acc. to RAL ²⁾	115194
Guide rail BG TS 5000/TS 3000 Standard, with lever, use with closer on leaf installation on the opposite hinge side	silver-coloured	025655
	white RAL 9016	029404
	simulated stainless steel ¹⁾	028732
	acc. to RAL ²⁾	025656
T-Stop guide rail BG TS 5000/TS 3000 with integrated opening restrictor and lever, use with closer on leaf installation opposite hinge side or with pivot bearing in leaf and transom installation opposite hinge side	silver-coloured	102366
	white RAL 9016	108482
	simulated stainless steel ¹⁾	102367
	acc. to RAL ²⁾	102368
Installation materials		
Door closer drilling template for TS 5000/TS 4000/TS 3000/TS 2000		053134
Glass clamping shoe door closer for TS 5000/TS 4000	silver-coloured	057126
	white RAL 9016	009491
	acc. to RAL ²⁾	009494
Mounting plate and counterplate for all-glass door for TS 5000/TS 4000	silver-coloured	007923
	acc. to RAL ²⁾	007926
Guide rail mounting plate for standard / Ecline / T-Stop / EFS guide rail	silver-coloured	001512
	white RAL 9016	129252
	acc. to RAL ²⁾	104515

Description	Version	ID no.
Mounting plate door closer for TS 5000/TS 4000 with hole pattern in accordance with DIN EN 1154 Supplement 1	silver-coloured	049185
	white RAL 9016	068627
	galvanised	057956
	acc. to RAL ²⁾	029176
Lintel casing bracket transom installation BG for TS 5000/TS 4000	silver-coloured	049240
	acc. to RAL ²⁾	104451
Mounting plate guide rail BG for standard / ECLine / T-Stop / EFS guide rail	silver-coloured	124683
	acc. to RAL ²⁾	124684
Lintel casing bracket guide rail BG for standard guide rail	silver-coloured	025657
	white RAL 9016	030034
	simulated stainless steel ¹⁾	028393
	acc. to RAL ²⁾	025658
Lintel casing bracket guide rail BG for ECLine and T-Stop guide rail	silver-coloured	115006
	acc. to RAL ²⁾	115007
Accessories		
Door closer cover cap for TS 5000/TS 5000 L/TS 4000, can only be used for door leaf installation	silver-coloured	067724
	white RAL 9016	067726
	stainless steel	072696
	brass	072698
	acc. to RAL ²⁾	000756
Mechanical hold-open device for Standard / T-Stop / Boxer 20.7 mm guide rail, adjustable retention force, can be switched on and off, can be overridden		071924
Flexible opening restrictor for lightweight doors for riveted guide rail, standard guide rail BG and Boxer 20.7 mm guide rail		069780

1) Only for dry rooms

2) Surcharge for RAL special colours, see General Information in the Price List.

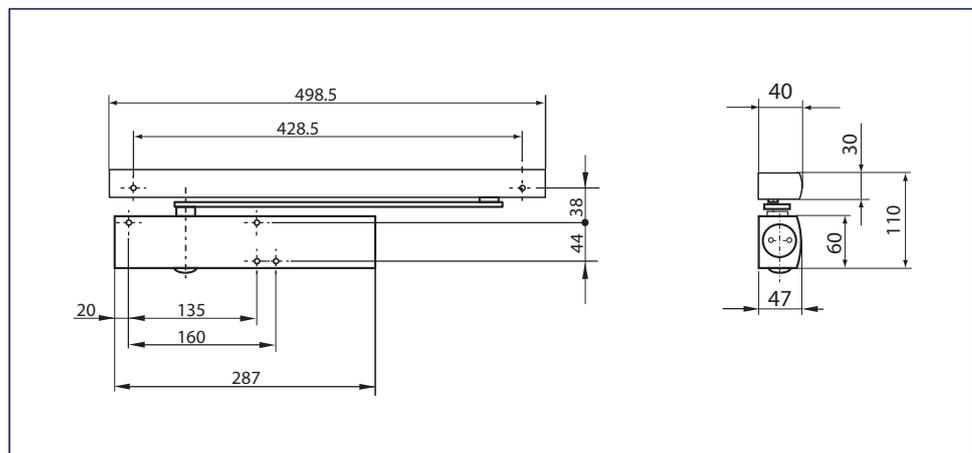
GEZE TS 5000 E

Guide rail door closer for 1-leaf doors of up to 1400 mm leaf width with electric hold-open device

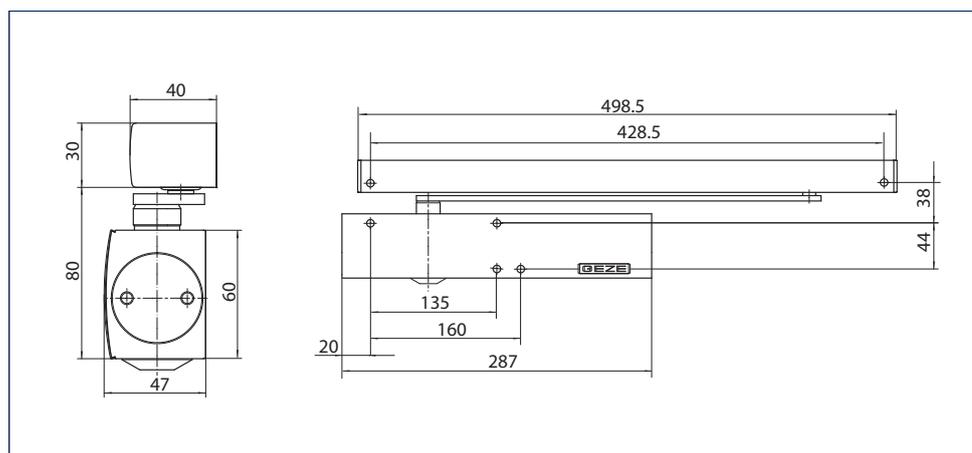
Due to the electromechanical hold-open device (in accordance with EN 1155) in the guide rail, which is only 30 mm high, the overhead door closer TS 5000 E can be adjusted exactly to any point between 80° and 130°. Since, if an additional smoke switch control unit is used, the hold-open device is released in the event of fire or a power failure and the door closes safely, this closer is approved for use with 1-leaf smoke and fire protection doors. The closing force size 2-6 in accordance with EN 1154, the closing speed, the latching action and the back check can be set from the front. The door closer has a visual closing force display. The retention force of the hold-open device can be adjusted and the hold-open position can be overridden.



GEZE TS 5000 E



GEZE TS 5000 L-E



GEZE TS 3000 V / SYSTEM TS 5000

Application range

- For single-action doors, leaf width of up to 1400 mm
- Can be used for right and left hung doors without conversion
- For fire protection doors (door closer with mounting plate)

Closer technical data

Product features	GEZE TS 5000 closer	GEZE TS 5000 L closer
Closing force in accordance with EN 1154	2 - 6	
Recommended leaf width up to	1400 mm	
Same version for DIN left and DIN right	•	•
Product tested in accordance with	Door closer tested in accordance with EN 1154	
Suitability for fire protection doors	•	•
Mounting plate with hole pattern in accordance with EN1154 supplement	•	•
Length	287 mm	
Overall depth	47 mm	
Height	60 mm	

Functions

Adjustable closing force	Yes, stepless	
Adjustable closing speed	•	•
Adjustable latching action	Yes, via valve	
Integrated back check	Yes, hydraulically adjustable	
Position of closing force adjustment	Front	
Visual closing force display	•	•
Safety valve against wilful damage	•	•
Thermo-control valves	•	•

- = YES
- = OPTIONAL

Guide rail technical data

Product features	E guide rail TS 5000	E guide rail BG TS 5000
Supply voltage	24 V DC	
Electrical power consumption	2.4 W	
Duty rating	100 %	
Residual ripple	20 %	
Enclosure rating	IP 43	
Product tested in accordance with	Hold-open device tested in accordance with EN 1155	
Length	498.5 mm	
Overall depth	40 mm	
Height	30 mm	

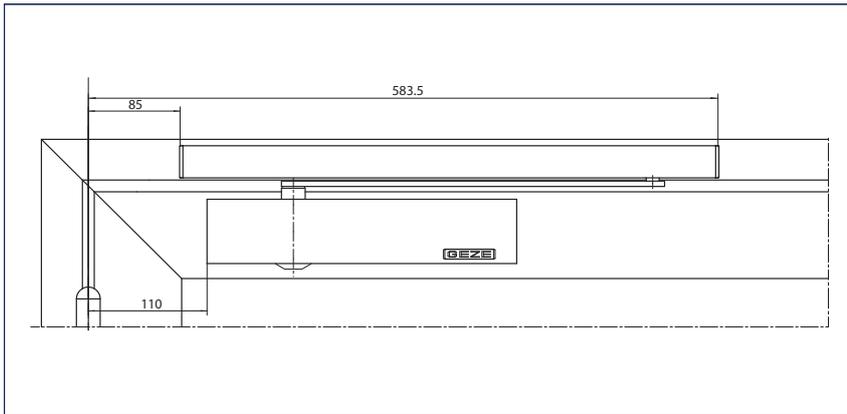
Functions

Integrated hold-open device	Electrical	
Hold-open device can be overridden	•	•
Hold-open angle	80 - 130 °	above 80°
Height correction possible	•	•
Flexible opening restrictor	○	○

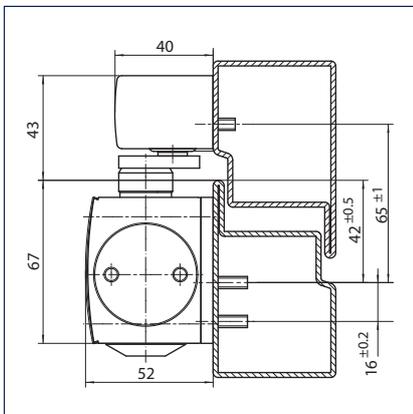
- = YES
- = OPTIONAL

Door leaf installation/hinge side TS 5000 E

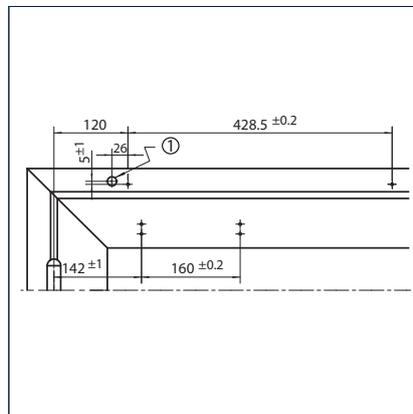
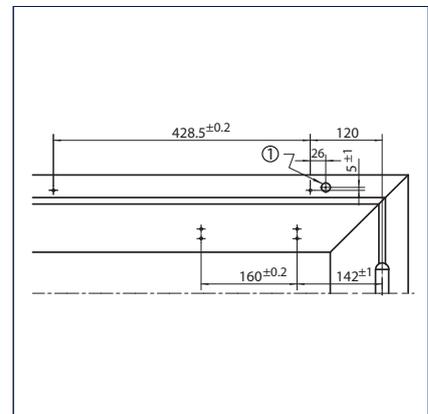
View



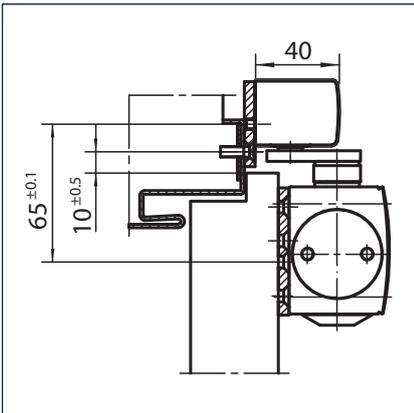
Example for installation

Installation with mounting plate

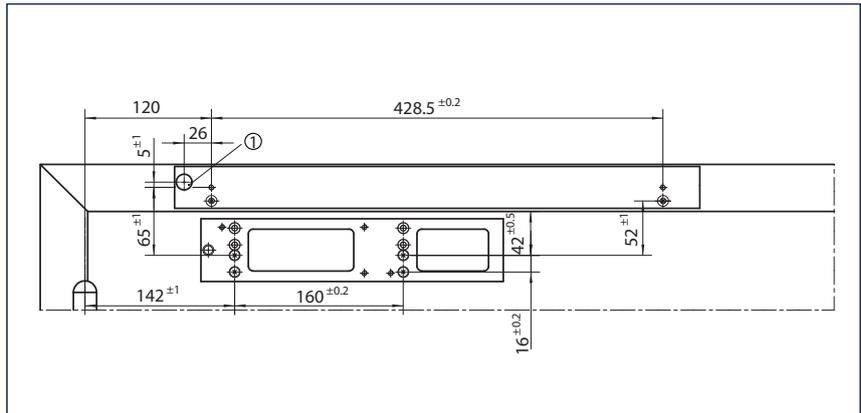
Cross-section = Installation with mounting plate

Fitting dimensions left-hand door
1 = \varnothing 15 line-feed 24 VFitting dimensions right-hand door
1 = \varnothing 15 line-feed 24 V

Installation on slim frames

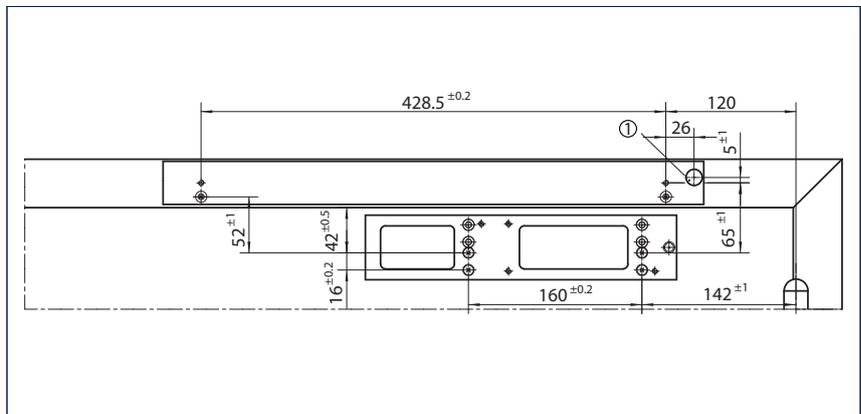


Cross-section = Installation with mounting plate



Fitting dimensions left-hand door

1 = ø 15 line-feed 24 V

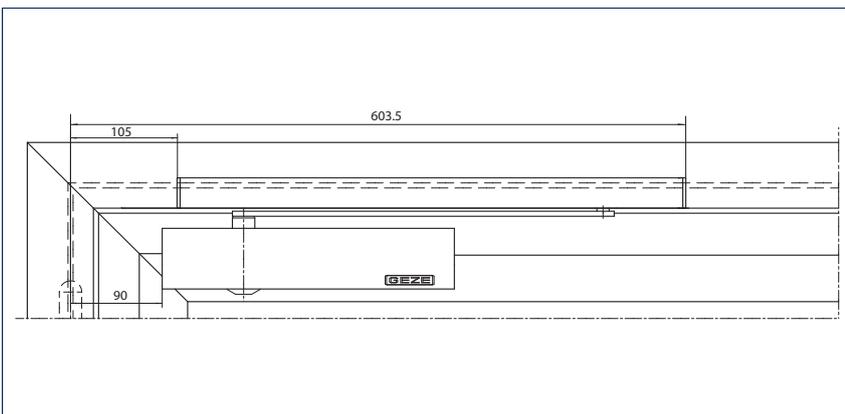


Fitting dimensions right-hand door

1 = ø 15 line-feed 24 V

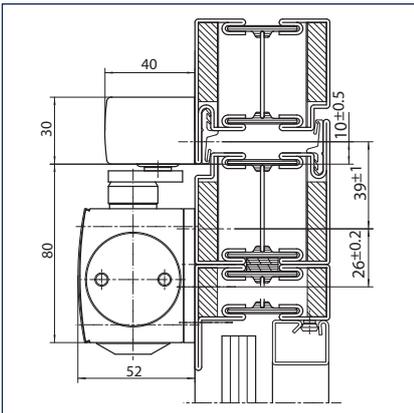
Door leaf installation/opposite hinge side TS 5000 L-E

View

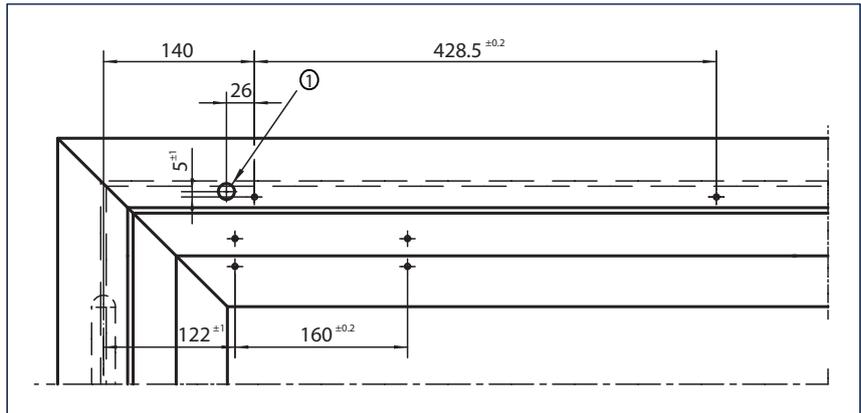


Example for installation

Installation with mounting plate

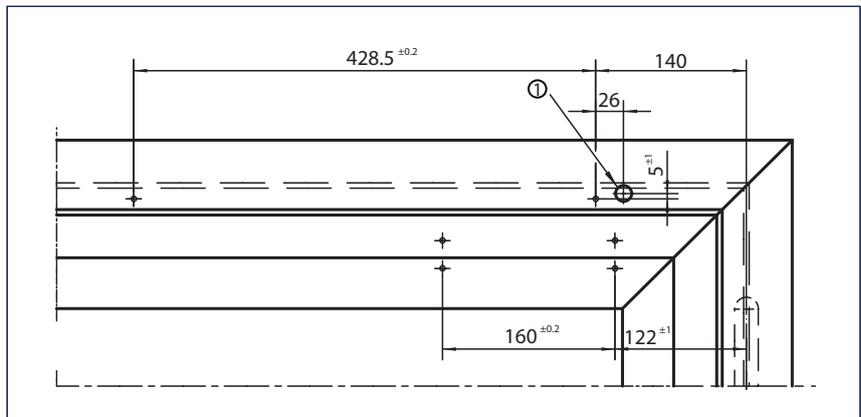


Cross-section = Installation with mounting plate



Fitting dimensions right-hand door

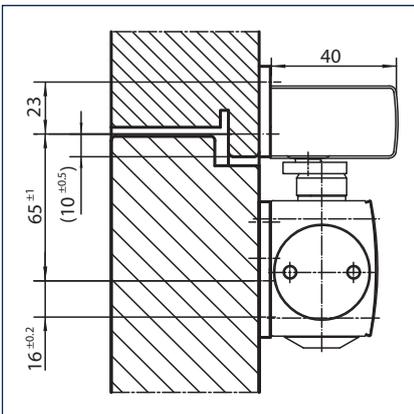
1 = ø 15 line-feed 24 V



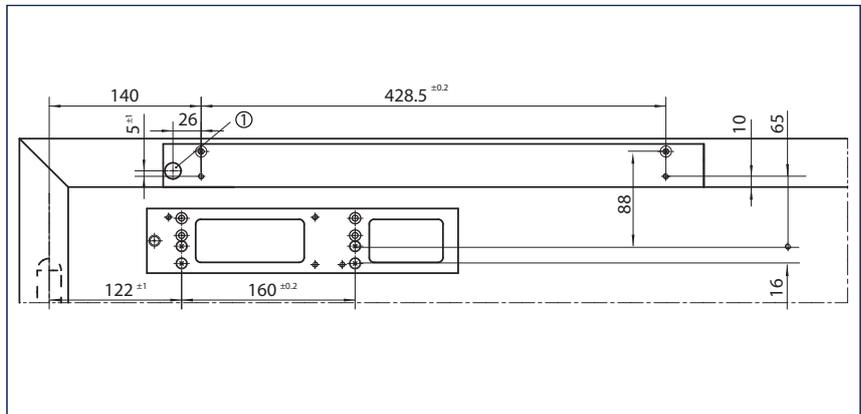
Fitting dimensions left-hand door

1 = ø 15 line-feed 24 V

Installation on slim frames

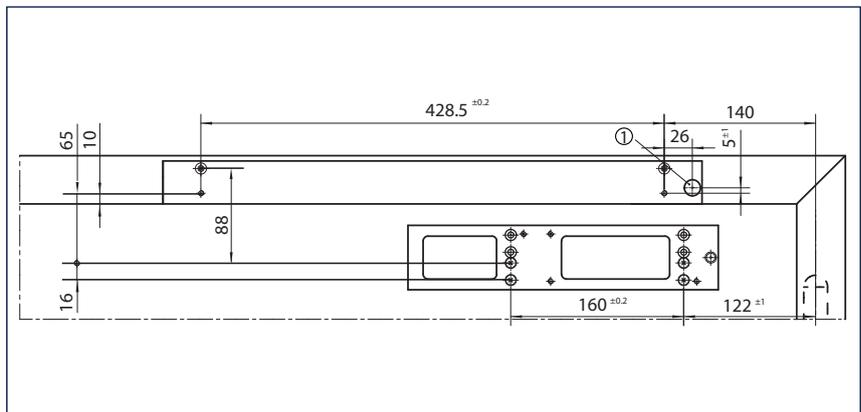


Cross-section = Installation with mounting plate



Fitting dimensions right-hand door

1 = ø 15 line-feed 24 V



Fitting dimensions left-hand door

1 = ø 15 line-feed 24 V

GEZE TS 5000 E - Order information

Description	Version	ID no.
GEZE TS 5000 Ecline closer Size EN 3-5, with back check (without guide rail and lever)	silver-coloured	143640
	white RAL 9016	143641
	Stainless steel slide plate	143642
	acc. to RAL ²⁾	143643
GEZE TS 5000 closer Size EN 2-6, with opening damping (without guide rail and lever)	silver-coloured	027333
	white RAL 9016	027335
	Stainless steel slide plate	137721
	acc. to RAL ²⁾	027336
E guide rail TS 5000 with electric hold-open device and lever	silver-coloured	116295
	white RAL 9016	116297
	simulated stainless steel ¹⁾	116298
	acc. to RAL ²⁾	116299
GEZE TS 5000 L closer Size EN 2-6, with opening damping (without guide rail and lever)	silver-coloured	027351
	white RAL 9016	029400
	Stainless steel slide plate	137723
	acc. to RAL ²⁾	027352
GEZE TS 5000 L Ecline closer Size EN 3-5, with back check (without guide rail and lever)	silver-coloured	143648
	white RAL 9016	143649
	Stainless steel slide plate	143650
	acc. to RAL ²⁾	143651
E guide rail BG TS 5000 with electric hold-open device and lever	silver-coloured	120039
	white RAL 9016	120040
	simulated stainless steel ¹⁾	120071
	acc. to RAL ²⁾	120072
Installation materials		
Door closer drilling template for TS 5000/TS 4000/TS 3000/TS 2000		053134
Guide rail mounting plate for E guide rail	silver-coloured	123294
	acc. to RAL ²⁾	123295
Mounting plate door closer for TS 5000/TS 4000 with hole pattern in accordance with DIN EN 1154 Supplement 1	silver-coloured	049185
	white RAL 9016	068627
	galvanised	057956
	simulated stainless steel ¹⁾	137725
	acc. to RAL ²⁾	029176
Mounting plate guide rail BG for E guide rail	silver-coloured	123289
	acc. to RAL ²⁾	123290
Lintel casing bracket guide rail BG for E guide rail	silver	123322
	acc. to RAL ²⁾	123323

Description	Version	ID no.
Accessories		
Door closer cover cap for TS 5000/TS 5000 L/TS 4000, can only be used for door leaf installation	silver-coloured	067724
	white RAL 9016	067726
	Stainless steel	072696
	brass	072698
	acc. to RAL ²⁾	000756
GEZE flexible opening restrictor for guide rail 1-leaf: TS 5000 E/R/RFS (leaf installation), Boxer E; 2-leaf: all E/R-ISM variants TS 5000 and Boxer		145311
GEZE smoke switch control unit RSZ 6 Smoke switch and power supply for all GEZE hold-open devices	silver-coloured	099851
	white RAL 9016	099858
	simulated stainless steel ¹⁾	099856
	acc. to RAL ²⁾	099859
GEZE smoke detector GC 152 Complete with base, 24 V DC, 20 mA, tested in accordance with EN54-7, with general approval for use with all GEZE hold-open systems, integrated line monitoring, in accordance with DIN EN 14637	white	139850
GEZE thermal detector GC 153 Complete with base, 24 V DC, 20 mA, tested in accordance with EN54-5, with general approval for use with all GEZE hold-open systems, integrated line monitoring, in accordance with DIN EN 14637	white	139881
Set smoke switch control unit RSZ 6 ECwire for straightforward wiring with 2-wire technology incl. 2 ceiling-mounted smoke detectors GC 162 (white)	silver-coloured	154976
	white RAL 9016	154979
	simulated stainless steel ¹⁾	154991
	acc. to RAL ²⁾	154980
GEZE manual trigger switch AS 500 for the manual release of electrically controlled hold-open devices including terminating resistance for line monitoring	alpine white/red	116266
GEZE manual trigger switch AS 500 (with glass pane and 5 interchangeable labels) for the manual release of electrically controlled hold-open devices	alpine white/red	120880
Surface-mounted box, single Matching the AS 500 switch range	alpine white	120503
Replacement glass pane for GEZE manual trigger switch 120880 and 120881		010994

¹⁾ Only for dry rooms

²⁾ Surcharge for RAL special colours, see General Information in the Price List.

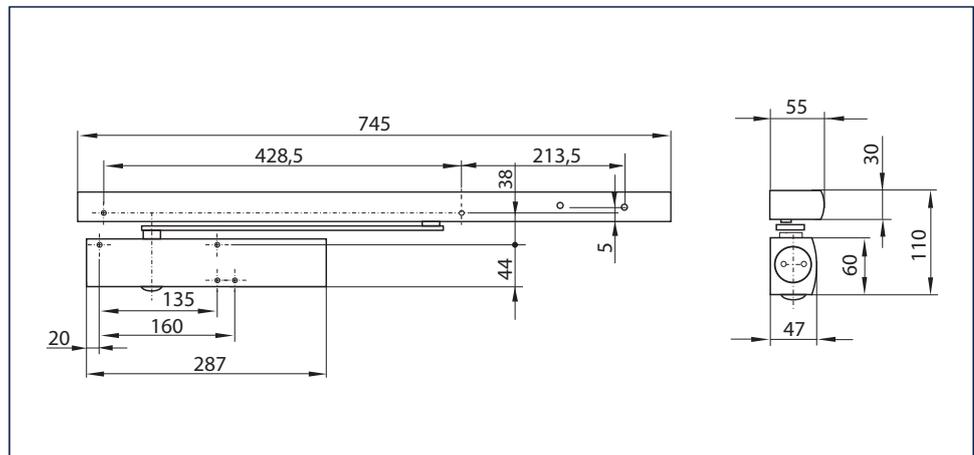
GEZE TS 5000 R

Guide rail door closer for 1-leaf doors of up to 1400 mm with electric hold-open device and smoke switch control unit

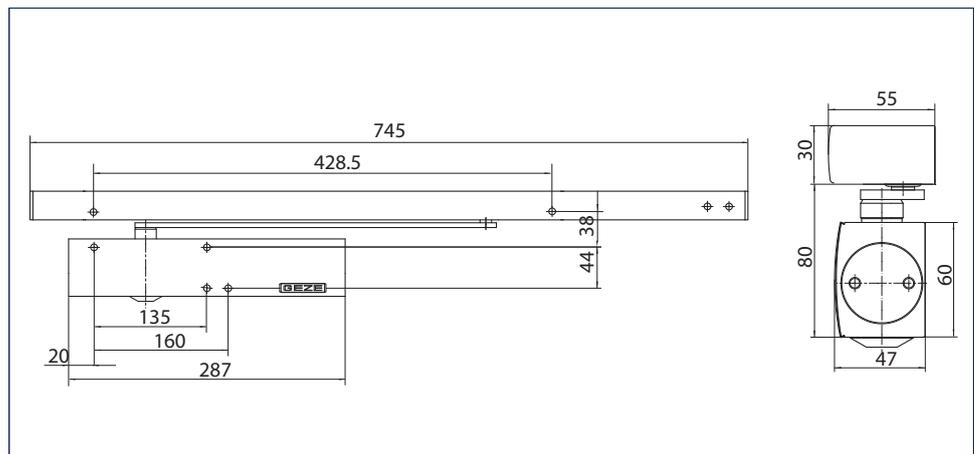
The overhead door closer TS 5000 R with electromechanical hold-open device (in accordance with EN 1155) and integrated smoke switch control unit in the guide rail, which is only 30 mm high, is approved for installation on 1-leaf smoke and fire protection doors. In the event of fire, the smoke detector triggers and the door closes automatically. The closing force in accordance with EN 1154 size 2-6, the closing speed and the latching action can be set from the front, the door closer has an adjustable back check and a visual closing force display. The retention force of the hold-open device can be adjusted and the hold-open position can be overridden. The hold-open system has a certificate of general building approval.



GEZE TS 5000 R



GEZE TS 5000 L-R



Application range

- For single-action doors, leaf width of up to 1400 mm
- Can be used for right and left hung doors without conversion
- For fire protection doors (door closer with mounting plate)

Closer technical data

Product features	GEZE TS 5000 closer	GEZE TS 5000 L closer
Closing force in accordance with EN 1154	2 - 6	
Recommended leaf width up to	1400 mm	
Same version for DIN left and DIN right	•	•
Product tested in accordance with	Door closer tested in accordance with EN 1154	
Suitability for fire protection doors	•	•
Mounting plate with hole pattern in accordance with EN1154 supplement	•	•
Length	287 mm	
Overall depth	47 mm	
Height	60 mm	

Functions

Adjustable closing force	Yes, stepless	
Adjustable closing speed	•	•
Adjustable latching action	Yes, via valve	
Integrated back check	Yes, hydraulically adjustable	
Position of closing force adjustment	Front	
Visual closing force display	•	•
Safety valve against wilful damage	•	•
Thermo-control valves	•	•

- = YES
- = OPTIONAL

Guide rail technical data

Product features	R guide rail TS 5000	R guide rail BG TS 5000
Supply voltage	230 V 50 Hz	
Duty rating	100 %	
Enclosure rating	IP 20	
Product tested in accordance with	Hold-open device tested in accordance with EN 1155 General building approval from DIBt as a hold-open system	
Length	745 mm	
Overall depth	55 mm	
Height	30 mm	

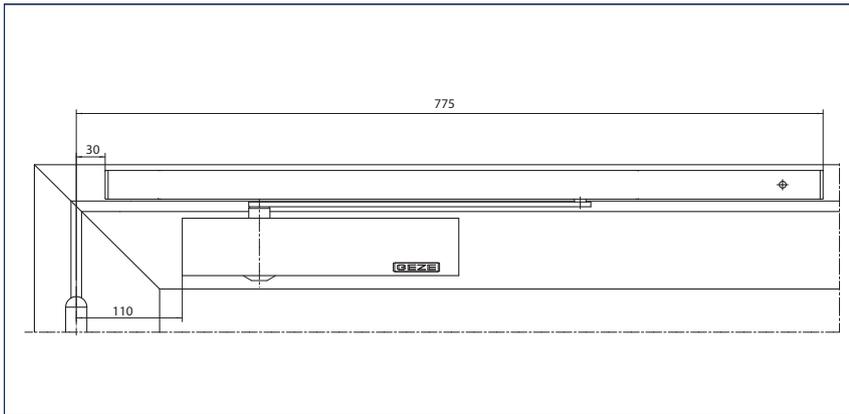
Functions

Integrated hold-open device	Electrical	
Hold-open device can be overridden	•	•
Hold-open angle	80 - 130 °	above 80°
Integrated smoke switch	•	•
with visual operating state display	•	•
with clogging indicator	•	•
with adaption of the alarm threshold	•	•
Integrated power supply	•	•
Height correction possible	•	•
Flexible opening restrictor	○	○

- = YES
- = OPTIONAL

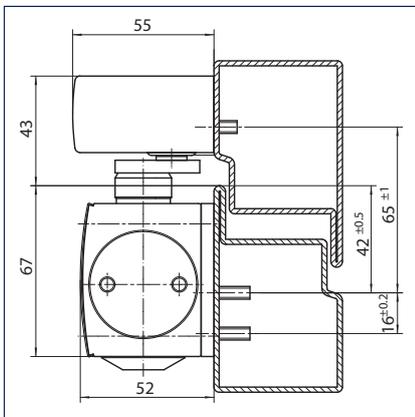
Door leaf installation/hinge side TS 5000 R

View

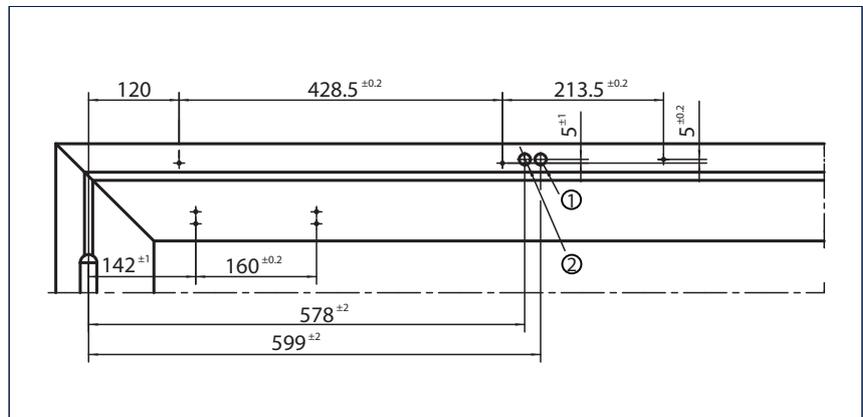


Example for installation

Installation with mounting plate

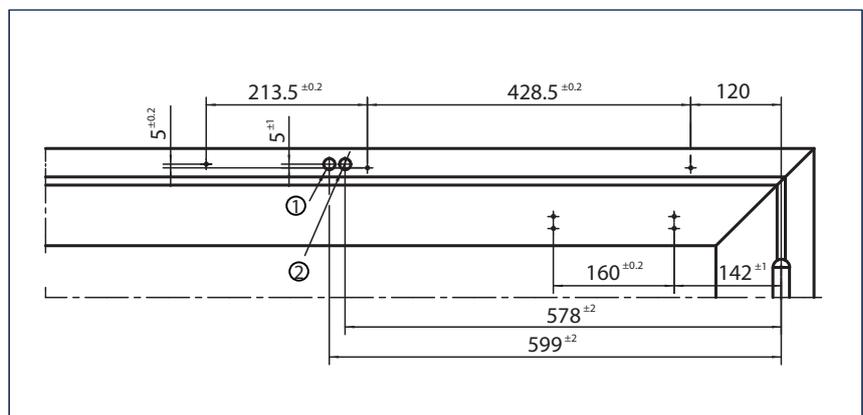


Cross-section = Installation with mounting plate (distance R guide rail to the ceiling min. 20 mm)



Fitting dimensions left-hand door

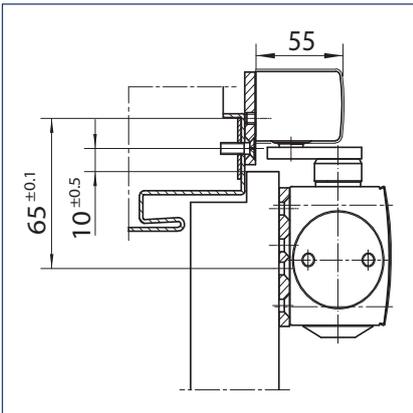
- 1 = ø 15 additional cable
- 2 = ø 15 230 V AC



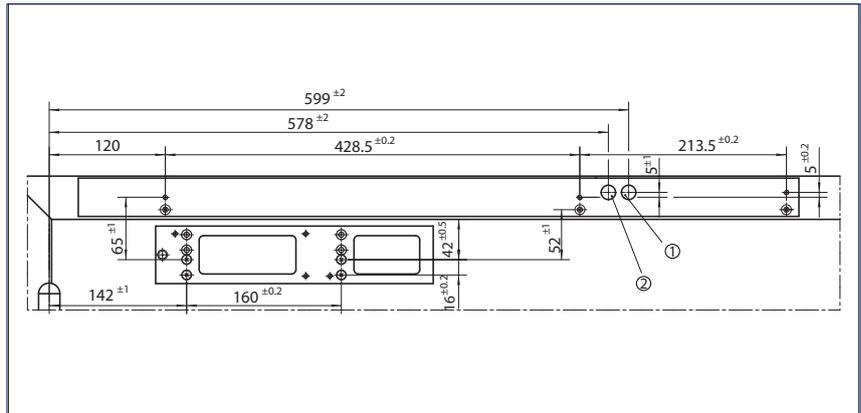
Fitting dimensions right-hand door

- 1 = ø 15 additional cable
- 2 = ø 15 230 V AC

Installation on slim frames

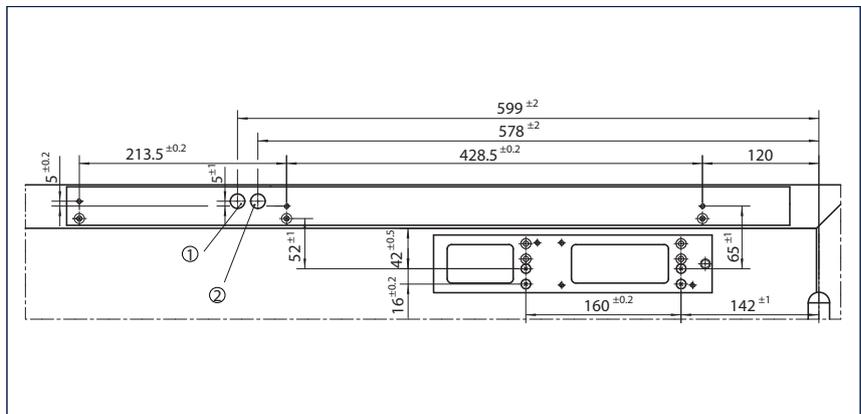


Cross-section = Installation with mounting plate



Fitting dimensions left-hand door

- 1 = \varnothing 15 additional cable
- 2 = \varnothing 15 230 V AC

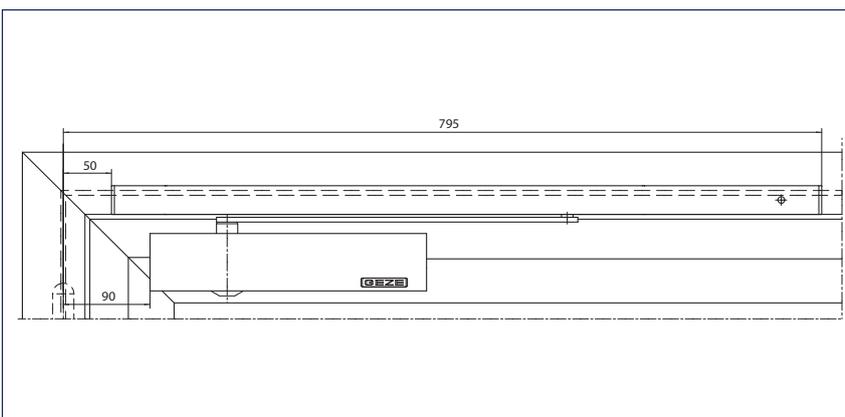


Fitting dimensions right-hand door

- 1 = \varnothing 15 additional cable
- 2 = \varnothing 15 230 V AC

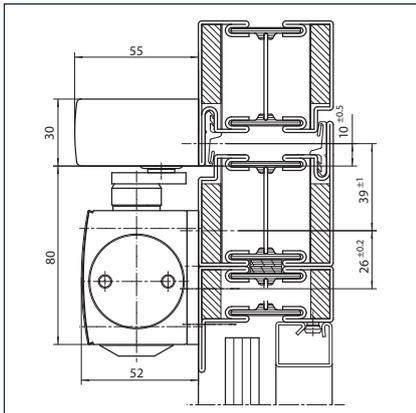
Door leaf installation/opposite hinge side TS 5000 L-R

View

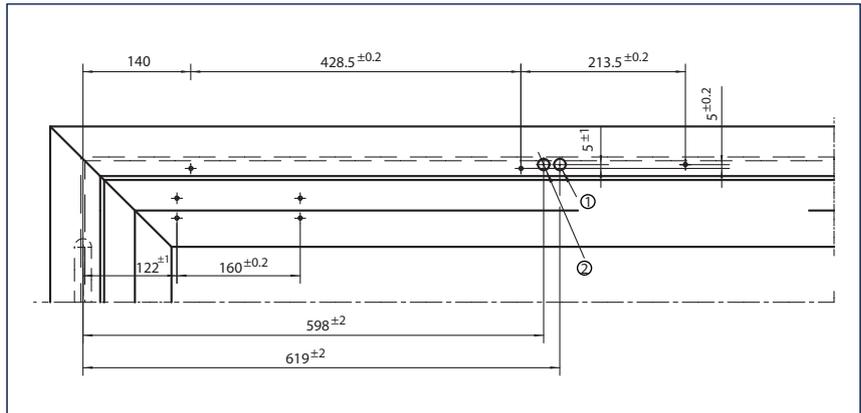


Example for installation

Installation with mounting plate

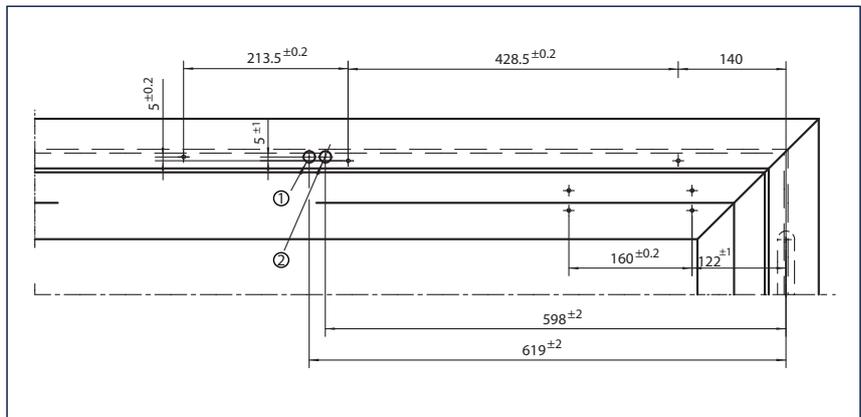


Cross-section = Installation with mounting plate



Fitting dimensions right-hand door

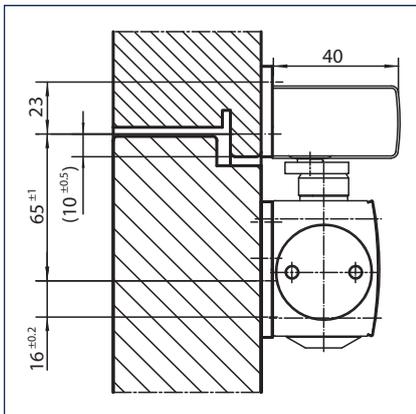
1 = \varnothing 15 additional cable 2 = \varnothing 15 230 V AC



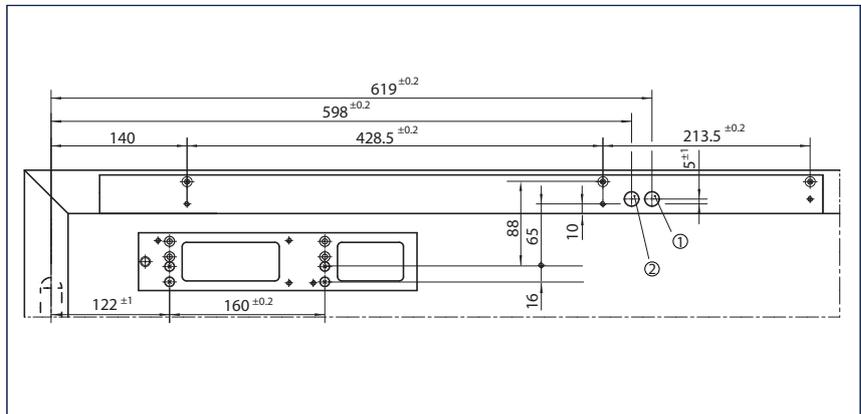
Fitting dimensions left-hand door

1 = \varnothing 15 additional cable 2 = \varnothing 15 230 V AC

Installation on slim frames

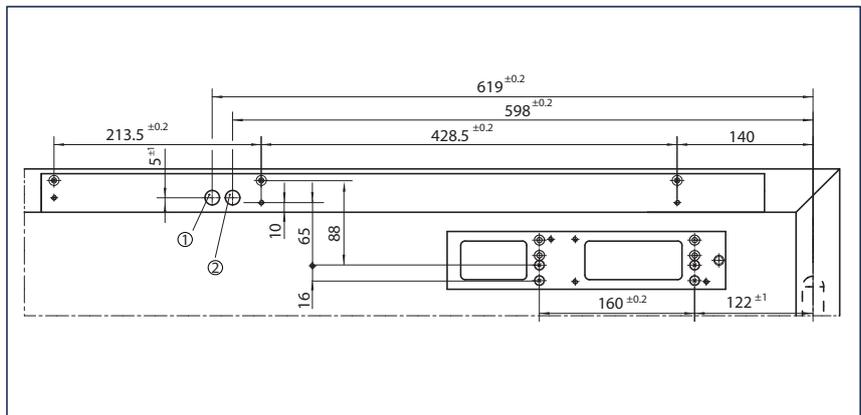


Cross-section = Installation with mounting plate



Fitting dimensions right-hand door

1 = \varnothing 15 additional cable 2 = \varnothing 15 230 V AC



Fitting dimensions left-hand door

1 = \varnothing 15 additional cable 2 = \varnothing 15 230 V AC

GEZE TS 5000 R - Order information

Description	Version	ID no.
GEZE TS 5000 Ecline closer Size EN 3-5, with back check (without guide rail and lever)	silver-coloured	143640
	white RAL 9016	143641
	Stainless steel slide plate	143642
	acc. to RAL ²⁾	143643
GEZE TS 5000 closer Size EN 2-6, with opening damping (without guide rail and lever)	silver-coloured	027333
	white RAL 9016	027335
	Stainless steel slide plate	137721
	acc. to RAL ²⁾	027336
R guide rail TS 5000 with electric hold-open device, integrated smoke switch control unit and lever	silver-coloured	116300
	white RAL 9016	116302
	simulated stainless steel ¹⁾	116303
	acc. to RAL ²⁾	116304
Set R guide rail TS 5000 ECwire with electric hold-open device, integrated smoke switch control unit ECwire for straightforward wiring using 2-wire technology, including lever and 2 ceiling-mounted smoke detectors GC 162 (white)	silver-coloured	154992
	white RAL 9016	154993
	simulated stainless steel ¹⁾	154995
	acc. to RAL ²⁾	154994
GEZE TS 5000 L closer Size EN 2-6, with opening damping (without guide rail and lever)	silver-coloured	027351
	white RAL 9016	029400
	Stainless steel slide plate	137723
	acc. to RAL ²⁾	027352
GEZE TS 5000 L Ecline closer Size EN 3-5, with back check (without guide rail and lever)	silver-coloured	143648
	white RAL 9016	143649
	Stainless steel slide plate	143650
	acc. to RAL ²⁾	143651
R guide rail BG TS 5000 with electric hold-open device, integrated smoke switch control unit and lever	silver-coloured	120073
	white RAL 9016	120074
	simulated stainless steel ¹⁾	120075
	acc. to RAL ²⁾	120076
Set R guide rail BG TS 5000 ECwire with electric hold-open device, integrated smoke switch control unit ECwire for straightforward wiring using 2-wire technology, including lever and 2 ceiling-mounted smoke detectors GC 162 (white)	silver-coloured	155000
	white RAL 9016	155001
	simulated stainless steel ¹⁾	155003
	acc. to RAL ²⁾	155002

Description	Version	ID no.	
Installation materials			
Guide rail mounting plate for R / RFS guide rail	silver-coloured	123296	
	acc. to RAL ²⁾	123297	
Mounting plate door closer for TS 5000/TS 4000 with hole pattern in accordance with DIN EN 1154 Supplement 1	silver-coloured	049185	
	white RAL 9016	068627	
	galvanised	057956	
	simulated stainless steel ¹⁾	137725	
Mounting plate guide rail BG for R guide rail	acc. to RAL ²⁾	029176	
	silver-coloured	123311	
Lintel casing bracket guide rail BG for R guide rail	acc. to RAL ²⁾	123312	
	silver-coloured	123324	
Accessories	acc. to RAL ²⁾	123325	
	Door closer cover cap for TS 5000/TS 5000 L/TS 4000, can only be used for door leaf installation	silver-coloured	067724
		white RAL 9016	067726
		Stainless steel	072696
		brass	072698
acc. to RAL ²⁾		000756	
GEZE flexible opening restrictor for guide rail 1-leaf: TS 5000 E/R/RFS (leaf installation), Boxer E; 2-leaf: all E/R-ISM variants TS 5000 and Boxer		145311	
GEZE smoke detector GC 152 Complete with base, 24 V DC, 20 mA, tested in accordance with EN54-7, with general approval for use with all GEZE hold-open systems, integrated line monitoring, in accordance with DIN EN 14637	white	139850	
GEZE thermal detector GC 153 Complete with base, 24 V DC, 20 mA, tested in accordance with EN54-5, with general approval for use with all GEZE hold-open systems, integrated line monitoring, in accordance with DIN EN 14637	white	139881	
GEZE manual trigger switch AS 500 for the manual release of electrically controlled hold-open devices including terminating resistance for line monitoring	alpine white/red	116266	
GEZE manual trigger switch AS 500 (with glass pane and 5 interchangeable labels) for the manual release of electrically controlled hold-open devices	alpine white/red	120880	
Surface-mounted box, single Matching the AS 500 switch range	alpine white	120503	
Replacement glass pane for GEZE manual trigger switch 120880 and 120881		010994	

1) Only for dry rooms

2) Surcharge for RAL special colours, see General Information in the Price List.

GEZE TS 5000 EFS 3-6

Guide rail door closer for 1-leaf doors of up to 1400 mm leaf width with electric free swing function

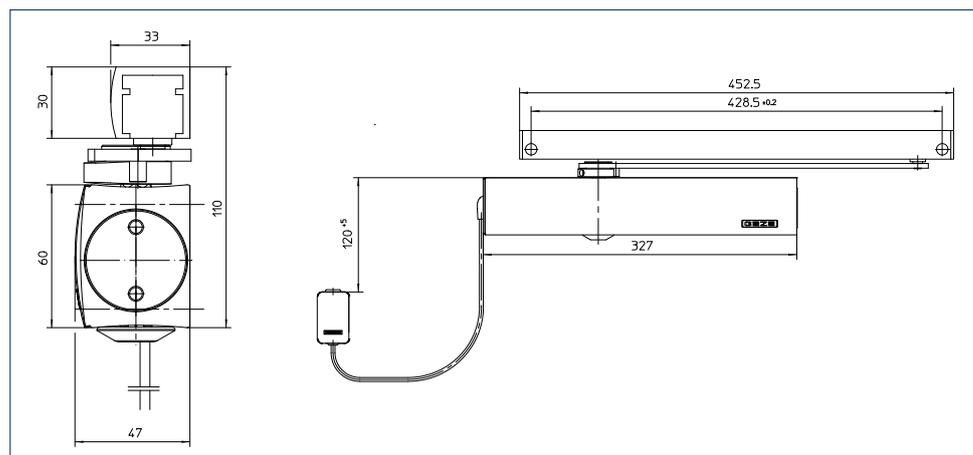
The overhead door closer TS 5000 EFS 3-6 for 1-leaf doors is fitted with the free swing function. After it has been opened to about 90° in the morning, for example, the door can be moved without additional force being necessary, since the door closer remains electrically pre-tensioned. In day-to-day use the new free swing door closers guarantee optimum accessibility e.g. in homes for the elderly or hospitals. The door closes automatically in the event of a fire. For this reason, the door closer is approved in accordance with EN 1155 for installation on 1-leaf fire and smoke protection doors. The door closer is approved for installation on right and left single-action doors with a leaf width of up to 1400 mm. Closing force 3-6 acc. to EN 1154, closing speed and latching action are adjustable from the front. The door closer has a visual closing force display.

The TS 5000 EFS 3-6 offers double functionality: In addition to the tried-and-trusted GEZE „free swing“ advantage, it also has a unique comfort hold-open function which allows the door to be held open slightly at the end of the free swing area. This prevents unintentional closing due to a draught, for example. This has no effect whatsoever on the fire protection function: When the system is triggered the door always closes safely.

Note: According to the general official building approval from DIBt, the use of an interruption button for free swing door closers is mandatory in Germany.



GEZE TS 5000 EFS 3-6



Area of application

- For single-action doors, leaf width of up to 1400 mm
- Can be used for right and left hung doors without conversion
- For fire protection doors
- Variant door leaf installation/hinge side or transom installation/hinge side available
- With comfort hold-open function for light holding in place of the door at the maximum opening angle

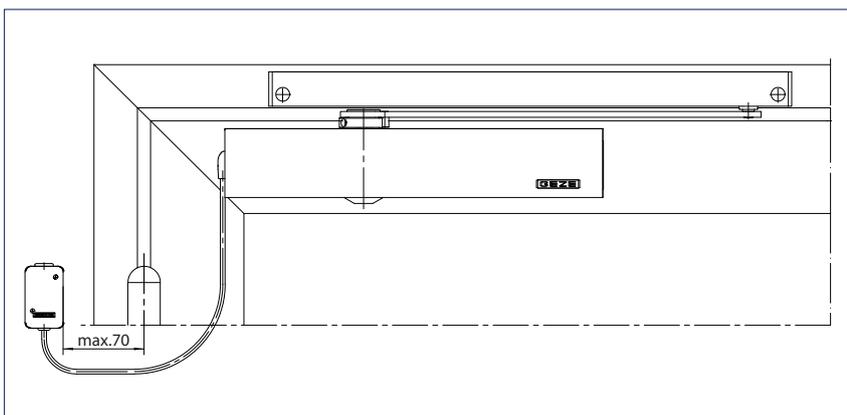
Closer technical data

Product features	GEZE TS 5000 EFS complete package for leaf installation	GEZE TS 5000 EFS complete package for transom installation
Closing force in accordance with EN 1154		3 - 6
Recommended leaf width up to		1400 mm
Same version for DIN left and DIN right	•	•
Supply voltage		24 V DC
Product tested in accordance with	Door closer tested in accordance with EN 1154 Hold-open device tested in accordance with EN 1155	
Suitability for fire protection doors	•	•
Mounting plate with hole pattern in accordance with EN1154 supplement	•	•
Length		327 mm
Overall depth		47 mm
Height		60 mm
Functions		
Free swing function	•	•
Free swing area		85 - 170 °
Adjustable closing force		Yes, stepless
Adjustable closing speed	•	•
Adjustable latching action		Yes, via valve
Integrated back check		No
Position of closing force adjustment		Front
Visual closing force display	•	•
Safety valve against wilful damage	•	•
Thermo-control valves	•	•

- = YES
- = OPTIONAL

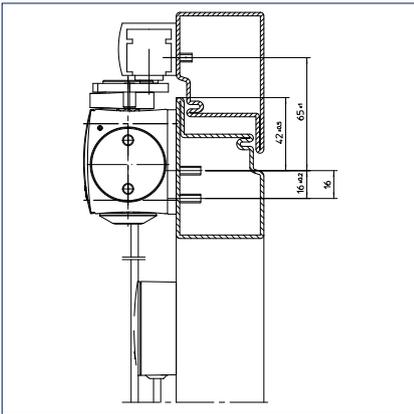
Door leaf installation/hinge side TS 5000 EFS 3-6

View

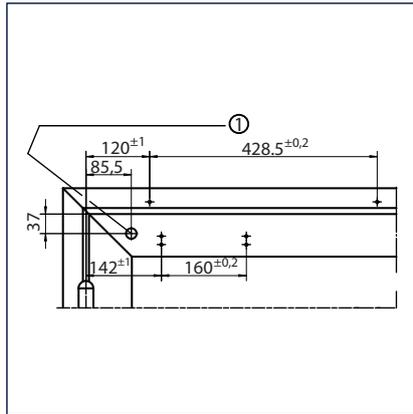


Example for installation

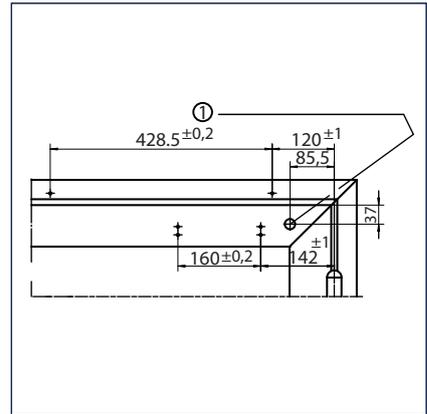
Installation with mounting plate



Cross-section = Installation with mounting plate



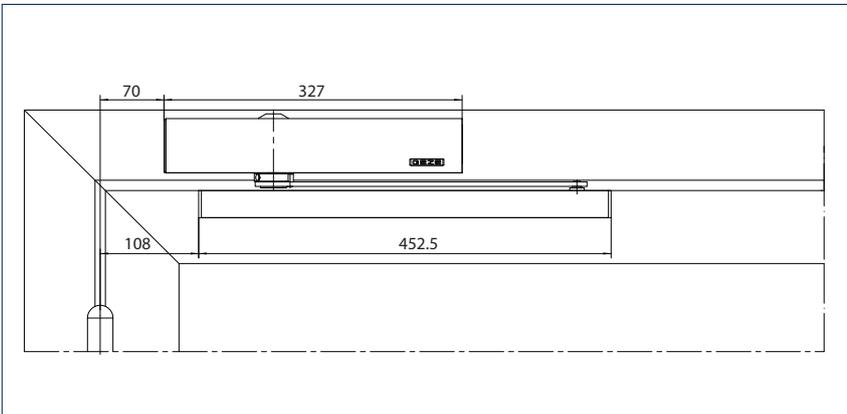
Fitting dimensions left-hand door
 1 = With concealed line-feed 24 V (ø 15)



Fitting dimensions right-hand door
 1 = With concealed line-feed 24 V (ø 15)

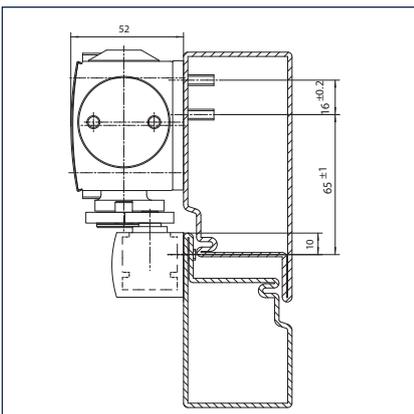
Transom installation/hinge side TS 5000 EFS 3-6

View

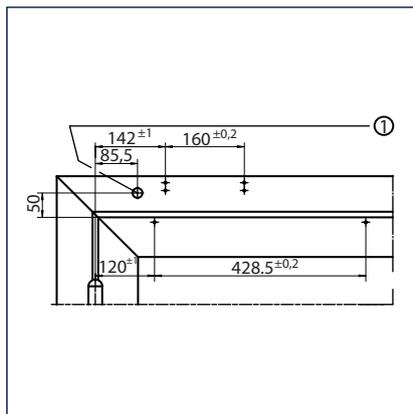


Example for installation

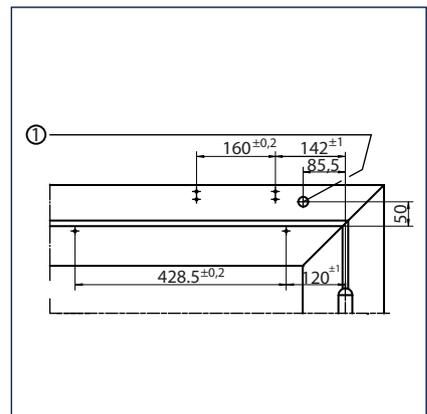
Installation with mounting plate



Cross-section = Installation with mounting plate



Fitting dimensions left-hand door
 1 = Line-feed 24 V (ø 15)



Fitting dimensions right-hand door
 1 = Line-feed 24 V (ø 15)

GEZE TS 5000 EFS - Order information

Description	Version	ID no.
GEZE TS 5000 EFS complete package for leaf installation Closing force EN 3-6, door leaf installation on the hinge side, with electric free swing function, with guide rail and lever with comfort hold-open function	silver-coloured	155477
	white RAL 9016	162083
	simulated stainless steel ¹⁾	162084
	acc. to RAL ²⁾	155478
GEZE TS 5000 EFS complete package for transom installation Closing force EN 3-6, transom installation on the hinge side, with electric free swing function, with guide rail and lever with comfort hold-open function	silver-coloured	155479
	simulated stainless steel ¹⁾	162085
	acc. to RAL ²⁾	155480
Installation materials		
Guide rail mounting plate for standard / Ecline / T-Stop / EFS guide rail	silver-coloured	001512
	white RAL 9016	129252
	acc. to RAL ²⁾	104515
Mounting plate door closer for TS 5000 EFS/RFS/E-HY/TS 4000 E with hole pattern in accordance with DIN EN 1154 Supplement 1	silver-coloured	059107
	acc. to RAL ²⁾	100044
Accessories		
GEZE smoke switch control unit RSZ 6 Smoke switch and power supply for all GEZE hold-open devices	silver-coloured	099851
	white RAL 9016	099858
	simulated stainless steel ¹⁾	099856
	acc. to RAL ²⁾	099859
GEZE smoke detector GC 152 Complete with base, 24 V DC, 20 mA, tested in accordance with EN54-7, with general approval for use with all GEZE hold-open systems, integrated line monitoring, in accordance with DIN EN 14637	white	139850
GEZE thermal detector GC 153 Complete with base, 24 V DC, 20 mA, tested in accordance with EN54-5, with general approval for use with all GEZE hold-open systems, integrated line monitoring, in accordance with DIN EN 14637	white	139881
Set smoke switch control unit RSZ 6 ECwire for straightforward wiring with 2-wire technology incl. 2 ceiling-mounted smoke detectors GC 162 (white)	silver-coloured	154976
	white RAL 9016	154979
	simulated stainless steel ¹⁾	154991
	acc. to RAL ²⁾	154980
GEZE manual trigger switch AS 500 for the manual release of electrically controlled hold-open devices including terminating resistance for line monitoring	alpine white/red	116266
GEZE manual trigger switch AS 500 (with glass pane and 5 interchangeable labels) for the manual release of electrically controlled hold-open devices	alpine white/red	120880
Surface-mounted box, single Matching the AS 500 switch range	alpine white	120503
Replacement glass pane for GEZE manual trigger switch 120880 and 120881		010994

¹⁾ Only for dry rooms

²⁾ Surcharge for RAL special colours, see General Information in the Price List.

GEZE TS 5000 RFS 3-6

Guide rail door closer for 1-leaf doors of up to 1400 mm leaf width with electric free swing function and smoke switch control unit

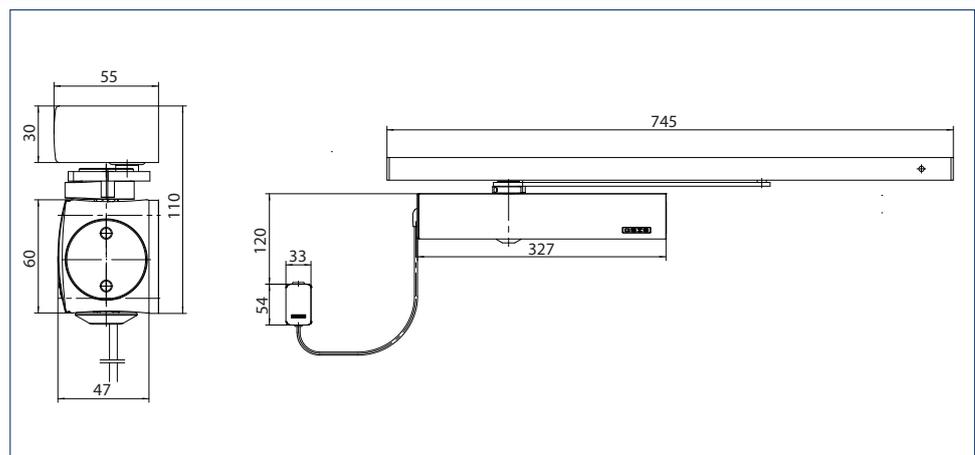
The overhead door closer TS 5000 RFS 3-6 for 1-leaf doors is fitted with an integrated smoke switch and the free swing function. Once the free swing function has been enabled by opening the door once to an angle of about 90° e.g. in the morning, very little physical force is required to pass through the door in the direction of opening or closing movement. In day-to-day use the new free swing door closers guarantee optimum accessibility e.g. in homes for the elderly or hospitals. The door closes automatically in the event of a fire. For this reason, the door closer is approved in accordance with EN 1155 for installation on 1-leaf fire and smoke protection doors. Closing force 3-6 acc. to EN 1154, closing speed and latching action are adjustable from the front. The door closer has a visual closing force display. The hold-open system has a certificate of general official building approval.

The TS 5000 RFS 3-6 offers double functionality: In addition to the tried-and-trusted GEZE „free swing“ advantage, it also has a unique comfort hold-open function which allows the door to be held open slightly at the end of the free swing area. This prevents unintentional closing due to a draught, for example. This has no effect whatsoever on the fire protection function: When the system is triggered the door always closes safely.

Note: According to the general official building approval from DIBt, the use of an interruption button for free swing door closers is mandatory in Germany.



GEZE TS 5000 RFS 3-6



Area of application

- For single-action doors, leaf width of up to 1400 mm
- Can be used for right and left hung doors without conversion
- For fire protection doors
- Variant door leaf installation/hinge side or transom installation/hinge side available
- With comfort hold-open function for light holding in place of the door at the maximum opening angle

Closer technical data

Product features	GEZE TS 5000 RFS complete package for door leaf installation	GEZE TS 5000 RFS complete package for transom installation
Closing force in accordance with EN 1154		3 - 6
Recommended leaf width up to		1400 mm
Same version for DIN left and DIN right	•	•
Supply voltage		230 V 50 Hz
Product tested in accordance with	Door closer tested in accordance with EN 1154 Hold-open device tested in accordance with EN 1155 General building approval from DIBt as a hold-open system	
Suitability for fire protection doors	•	•
Mounting plate with hole pattern in accordance with EN1154 supplement	•	•
Length	327 mm	548 mm
Overall depth	47 mm	66 mm
Height	60 mm	65 mm

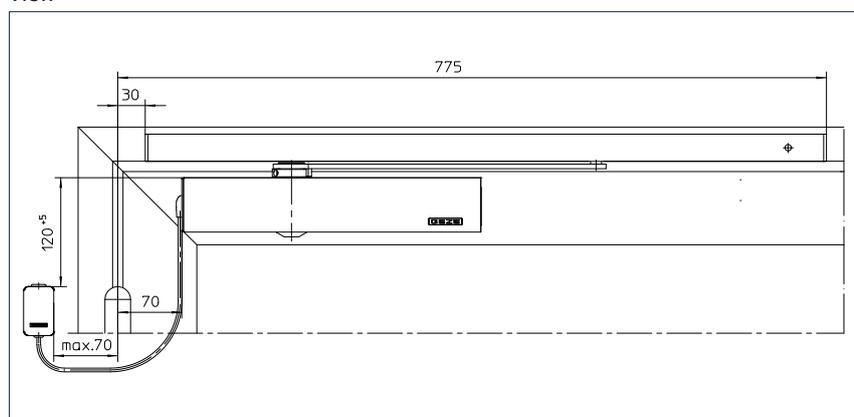
Functions

Free swing function	•	•
Free swing area		85 - 170 °
Adjustable closing force		Yes, stepless
Adjustable closing speed	•	•
Adjustable latching action		Yes, via valve
Integrated back check		No
Position of closing force adjustment		Front
Visual closing force display	•	•
Safety valve against wilful damage	•	•
Thermo-control valves	•	•
Integrated smoke switch	•	•
with visual operating state display	•	•
with clogging indicator	•	•
with adaption of the alarm threshold	•	•
Integrated power supply	•	•
Flexible opening restrictor	○	

- = YES
- = OPTIONAL

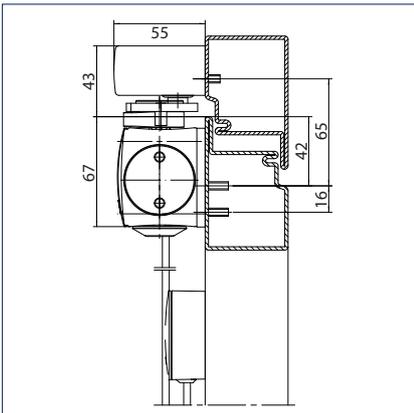
Door leaf installation/hinge side TS 5000 RFS 3-6

View

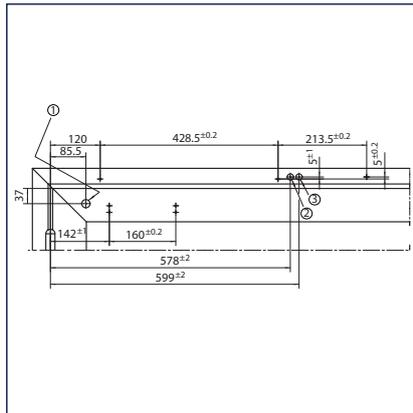


Example for installation

Installation with mounting plate

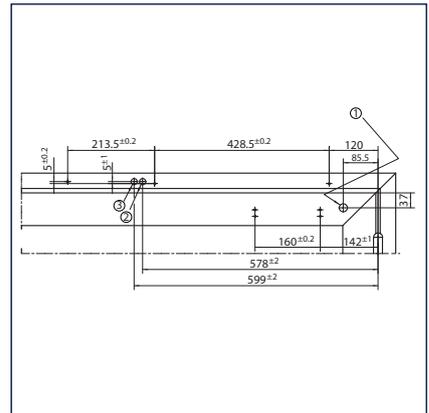


Cross-section = Installation with mounting plate



Fitting dimensions left-hand door

- 1 = With concealed line-feed 24 V
- 2 = \varnothing 15 230 V AC
- 3 = \varnothing 15 line-feed TS 5000 E-HY 24 V

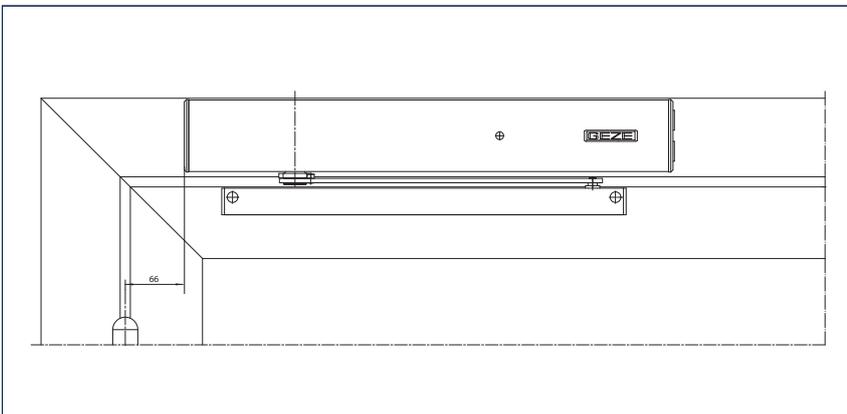


Fitting dimensions right-hand door

- 1 = With concealed line-feed 24 V
- 2 = \varnothing 15 230 V AC
- 3 = \varnothing 15 line-feed TS 5000 E-HY 24 V

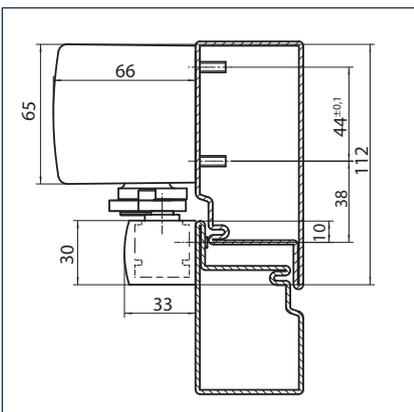
Transom installation/hinge side TS 5000 RFS 3-6

View

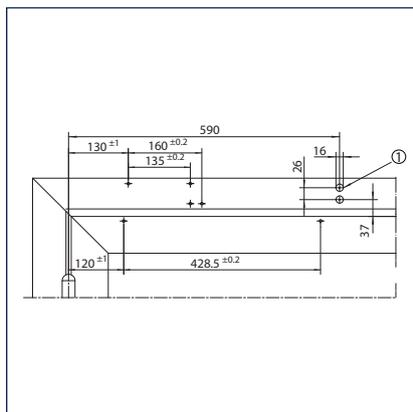


Example for installation

Direct installation

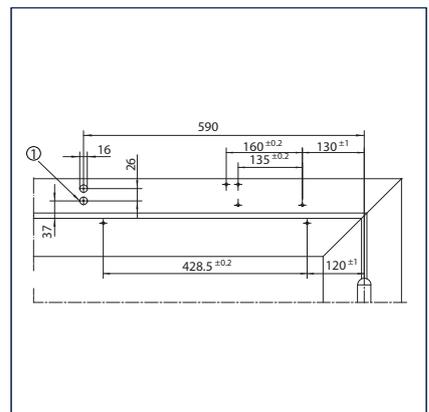


Cross-section = Direct installation



Fitting dimensions left-hand door

- 1 = Line-feed optional



Fitting dimensions right-hand door

- 1 = Line-feed optional

GEZE TS 5000 RFS - Order information

Description	Version	ID no.
GEZE TS 5000 RFS 3-6 complete package for door leaf installation Closing force EN 3-6, transom installation on the hinge side, with electric free swing function, integrated smoke switch control unit, guide rail and lever with comfort hold-open function	silver-coloured	155481
	white RAL 9016	162086
	simulated stainless steel ¹⁾	162087
	acc. to RAL ²⁾	155482
GEZE TS 5000 RFS 3-6 complete package for transom installation Closing force EN 3-6, transom installation on the hinge side, with electric free swing function, integrated smoke switch control unit, guide rail and lever with comfort hold-open function	silver-coloured	155484
	acc. to RAL ²⁾	155485
Installation materials		
Guide rail mounting plate for E guide rail	silver-coloured	123294
	acc. to RAL ²⁾	123295
Guide rail mounting plate for R / RFS guide rail	silver-coloured	123296
	acc. to RAL ²⁾	123297
Mounting plate door closer for TS 5000 RFS KM/ TS 4000 R & R-IS with hole pattern in accordance with DIN EN 1154 Supplement 1	black	058808
Mounting plate door closer for TS 5000 EFS/RFS/E-HY/TS 4000 E with hole pattern in accordance with DIN EN 1154 Supplement 1	silver-coloured	059107
	acc. to RAL ²⁾	100044
Accessories		
GEZE flexible opening restrictor for guide rail 1-leaf: TS 5000 E/R/RFS (leaf installation), Boxer E; 2-leaf: all E/R-ISM variants TS 5000 and Boxer		145311
GEZE smoke detector GC 152 Complete with base, 24 V DC, 20 mA, tested in accordance with EN54-7, with general approval for use with all GEZE hold-open systems, integrated line monitoring, in accordance with DIN EN 14637	white	139850
GEZE thermal detector GC 153 Complete with base, 24 V DC, 20 mA, tested in accordance with EN54-5, with general approval for use with all GEZE hold-open systems, integrated line monitoring, in accordance with DIN EN 14637	white	139881
GEZE manual trigger switch AS 500 for the manual release of electrically controlled hold-open devices including terminating resistance for line monitoring	alpine white/red	116266
GEZE manual trigger switch AS 500 (with glass pane and 5 interchangeable labels) for the manual release of electrically controlled hold-open devices	alpine white/red	120880
Surface-mounted box, single Matching the AS 500 switch range	alpine white	120503
Replacement glass pane for GEZE manual trigger switch 120880 and 120881		010994

1) Only for dry rooms

2) Surcharge for RAL special colours, see General Information in the Price List.

GEZE TS 5000 ISM Ecline

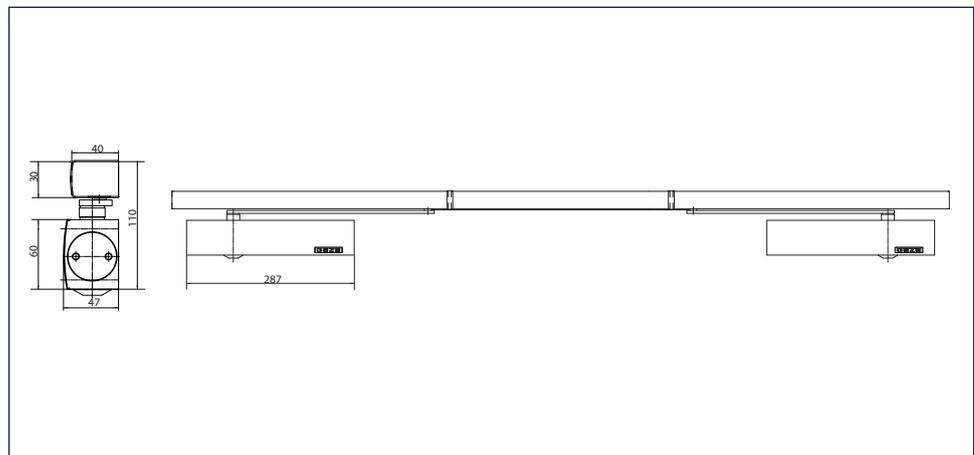
Guide rail door closer system for accessible, easily opening 2-leaf doors of up to 1250 mm leaf width in accordance with DIN 18040 and with integrated closing sequence control

The GEZE TS 5000 ISM Ecline system solution is made up of two overhead door closers TS 5000 Ecline with adjustable closing force size 3-5 acc. to EN 1154, combined with the ISM guide rail with integrated mechanical closing sequence control, tested in acc. with EN 1158. The overhead door closer system TS 5000 ISM Ecline is approved for use with 2-leaf fire and smoke protection door. The retrofit kit Ecline ISM / ISM BG is integrated into the guide rail, which produces a rapidly decreasing opening torque by around 40% according to the recommendation of DIN SPEC 1104. In combination with high effectiveness of the door closer of more than 80%, the GEZE TS 5000 ISM Ecline system is an ideal solution for barrier-free building.

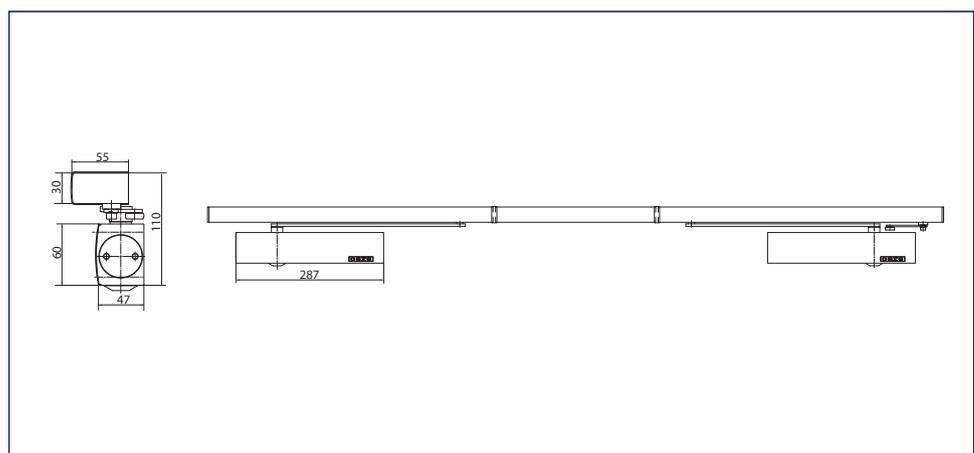
The system combined with TS 5000 L Ecline and ISM guide rail BG TS 5000 can also be used on the opposite hinge side.



GEZE TS 5000 ISM Ecline



GEZE TS 5000 L-ISM Ecline



GEZE TS 3000 V / SYSTEM TS 5000

Area of application

- Barrier-free in accordance with DIN 18040 up to EN5
- For single-action doors, leaf width of up to 1250 mm
- Symmetrical and asymmetrical division of door possible, minimum width of the passive leaf = 400 mm
- For right and left hung doors without the need for conversion
- For fire protection doors (door closer with mounting plate)
- Min. hinge clearance = 1300 mm, max. hinge clearance = 2500 mm (TS 5000 ISM Ecline)
- Min. hinge clearance = 1360 mm, max. hinge clearance = 2500 mm (TS 5000 L-ISM Ecline)

Closer technical data

Product features	GEZE TS 5000 Ecline closer GEZE TS 5000 L Ecline closer
Closing force in accordance with EN 1154	3 - 5
Recommended leaf width up to	1250 mm
Same version for DIN left and DIN right	•
Product tested in accordance with	Door closer tested in accordance with EN 1154 DIN 18040 up to EN5 (1250 mm leaf width)
Suitability for fire protection doors	•
Length	287 mm
Overall depth	47 mm
Height	60 mm
Functions	
Adjustable closing force	Yes, stepless
Adjustable closing speed	•
Adjustable latching action	Yes, via valve
Integrated back check	Yes, hydraulically adjustable
Integrated delayed closing action	-
Position of closing force adjustment	Front
Visual closing force display	•
Safety valve against wilful damage	•
Thermo-control valves	•

- = YES
- = OPTIONAL

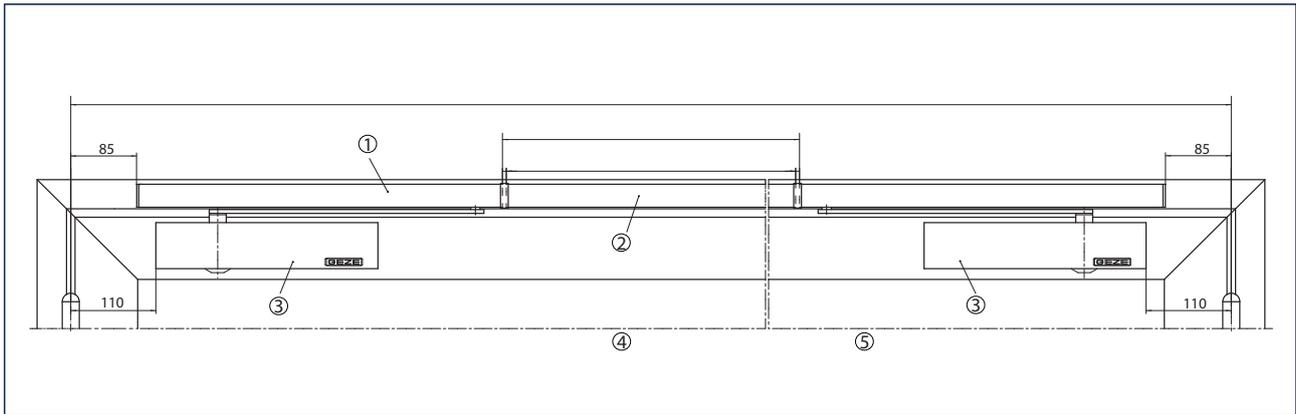
Guide rail technical data

Product features	ISM guide rail TS 5000	ISM guide rail BG TS 5000
Product tested in accordance with	Door closing sequence selector tested in accordance with EN 1158	
Length	2630 mm	2730 mm
Overall depth	40 mm	55 mm
Height	30 mm	
Functions		
Flexible opening restrictor	•	•
Height correction possible	•	•
Integrated closing sequence control	•	•

- = YES
- = OPTIONAL

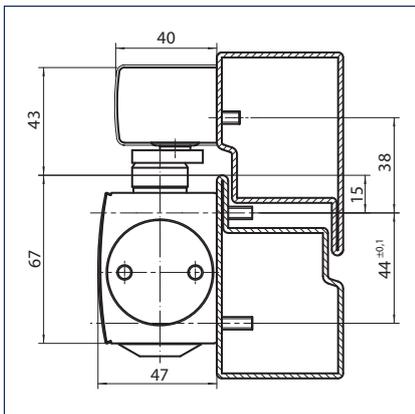
Door leaf installation/hinge side TS 5000 ISM Ecline

View

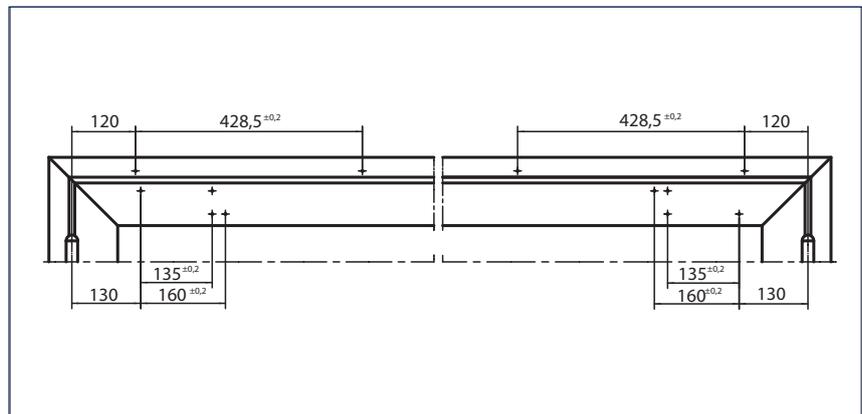


Example for installation

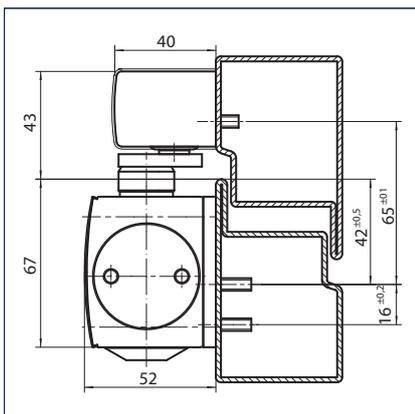
- 1 = ISM guide rail
- 2 = Middle section may be cut to size
- 3 = TS 5000 Ecline
- 4 = Active leaf
- 5 = Passive leaf

Direct installation

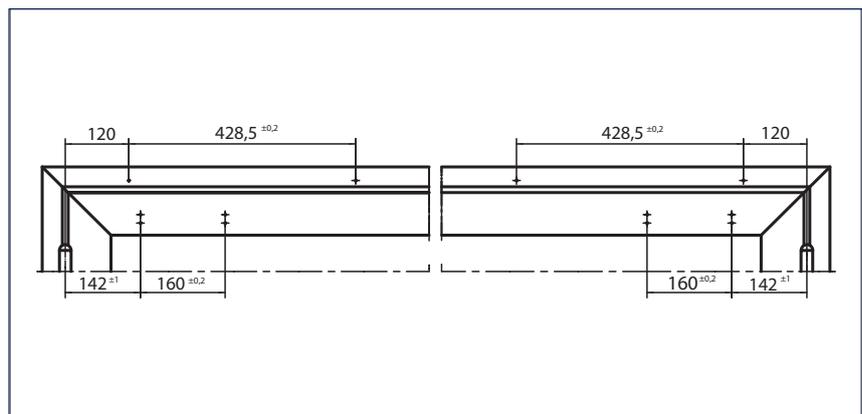
Cross-section = Direct installation



Fitting dimensions

Installation with mounting plate

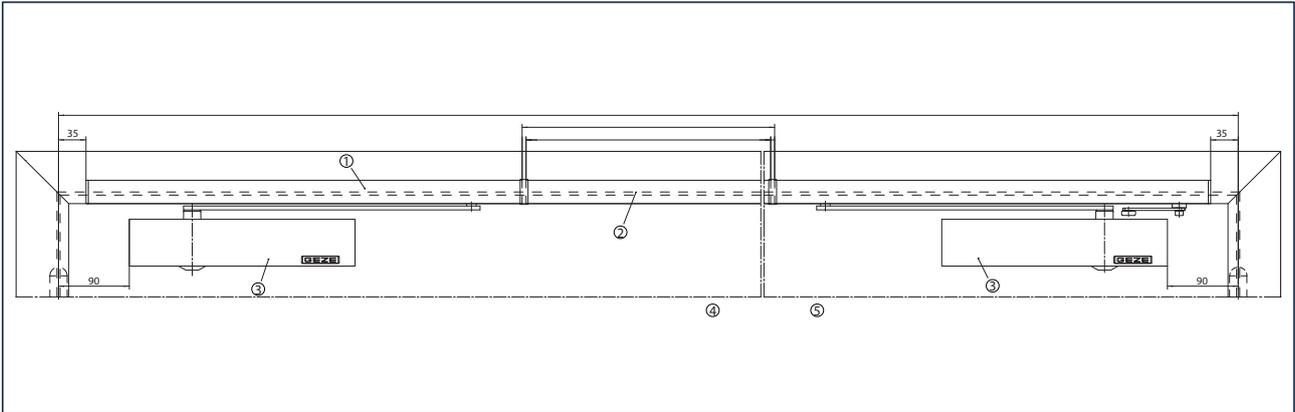
Cross-section = Installation with mounting plate



Fitting dimensions

Door leaf installation/opposite hinge side TS 5000 L-ISM ECLine

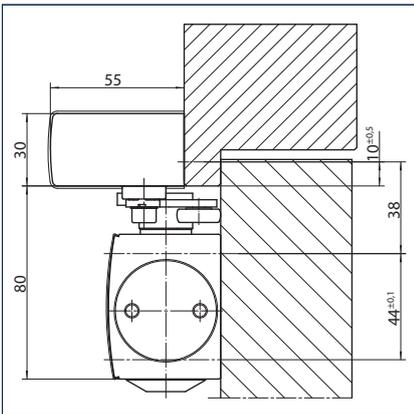
View



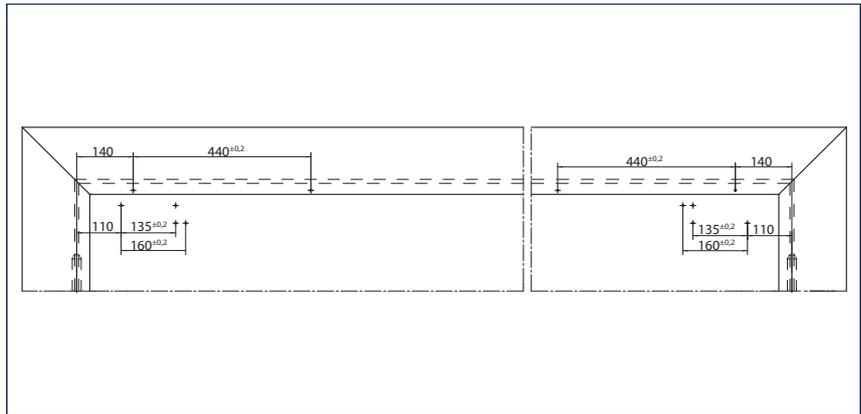
Example for installation

- 1 = ISM guide rail BG
- 2 = Middle section may be cut to size
- 3 = TS 5000 L
- 4 = Active leaf
- 5 = Passive leaf

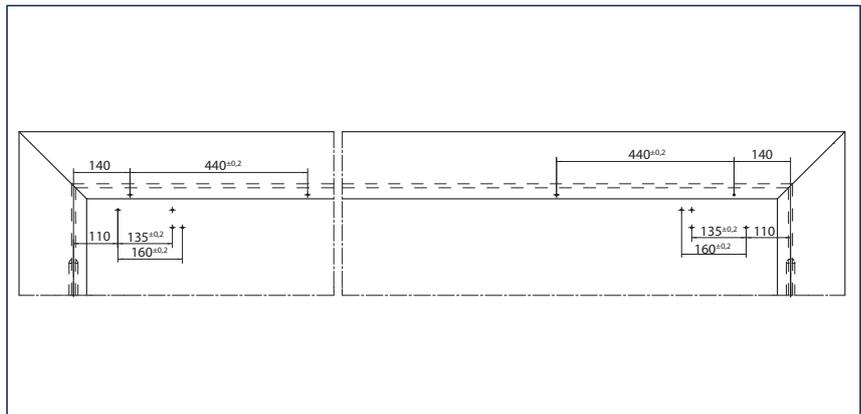
Direct installation



Cross-section = Direct installation

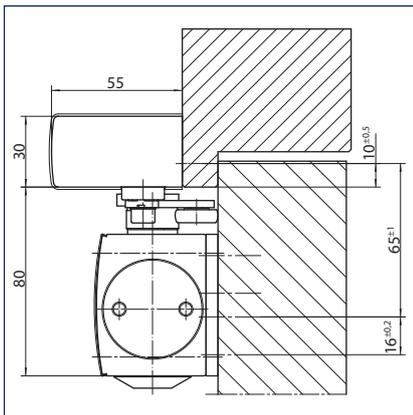


Fitting dimensions right-hand leaf = active leaf, left-hand leaf = passive leaf

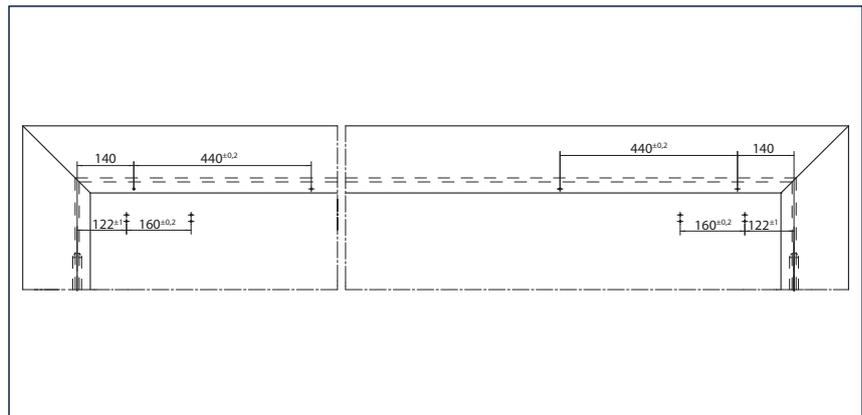


Fitting dimensions right-hand leaf = fixed leaf, left-hand leaf = passive leaf

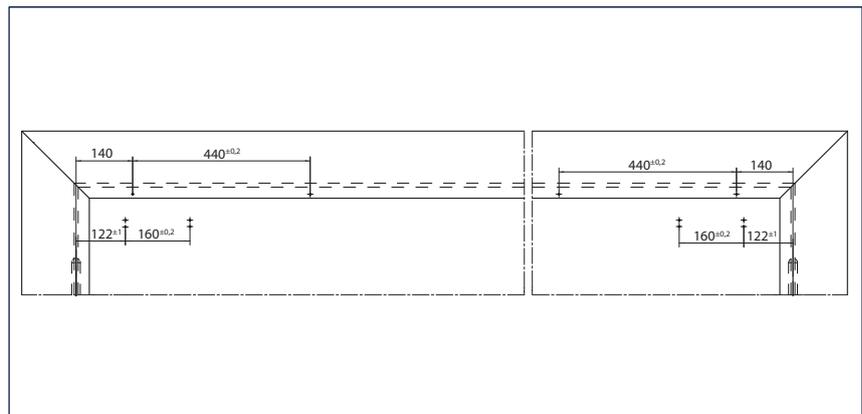
Installation with mounting plate



Cross-section = Installation with mounting plate



Fitting dimensions right-hand leaf = passive leaf, left-hand leaf = active leaf



Fitting dimensions right-hand leaf = active leaf, left-hand leaf = passive leaf

GEZE TS 5000 ISM ECLINE - Order information

Description	Version	ID no.
GEZE TS 5000 ECLINE closer Size EN 3-5, with back check (without guide rail and lever)	silver-coloured	143640
	white RAL 9016	143641
	Stainless steel driver	143642
	acc. to RAL ²⁾	143643
GEZE TS 5000 L ECLINE closer Size EN 3-5, with back check (without guide rail and lever)	silver-coloured	143648
	white RAL 9016	143649
	Stainless steel driver	143650
ISM guide rail BG TS 5000 continuous, with integrated closing sequence control and levers	acc. to RAL ²⁾	143651
	silver-coloured	115594
	white RAL 9016	115595
ISM guide rail TS 5000 continuous, with integrated closing sequence control and levers	stainless steel optic ¹⁾	115596
	acc. to RAL ²⁾	115597
	silver-coloured	115549
ISM guide rail TS 5000 continuous, with integrated closing sequence control and levers	white RAL 9016	115591
	stainless steel optic ¹⁾	115592
	acc. to RAL ²⁾	115593

Description	Version	ID no.
Installation materials		
Guide rail mounting plate for ISM / E-ISM guide rail	silver-coloured	118702
	acc. to RAL ²⁾	118703
Mounting plate door closer for TS 5000/TS 4000 with hole pattern in accordance with DIN EN 1154 Supplement 1	silver-coloured	049185
	white RAL 9016	068627
	galvanised	057956
	stainless steel optic ¹⁾	137725
	acc. to RAL ²⁾	029176
Mounting plate guide rail BG for ISM / E-ISM / R-ISM guide rail BG & VP versions	silver-coloured	118704
	acc. to RAL ²⁾	118705
Accessories		
Base for floor mounting for GEZE hold-open magnet Base for hold-open magnet surface-mounted		155574
GEZE CB flex for use on all 2-leaf rebated doors. Stepless, concealed length adjustment up to 210 mm leaf projection, hinged mechanism not visible, profile can be shortened if required, with attachment material	silver-coloured	153602
	acc. to RAL ²⁾	153728
GEZE door hold-open magnet, 24 V DC - 490 N retention force, approved for use with all GEZE smoke switch control units, Basic model, without fixing plate, screw fixture on the back		115830
GEZE door hold-open magnet, 24 V DC - 490 N retention force, approved for use with all GEZE smoke switch control units, Floor-mounted, with sturdy aluminium housing		115951
GEZE door hold-open magnet, 24 V DC - 490 N retention force, approved for use with all GEZE smoke switch control units, Wall assembly, with base plate		115829
GEZE door hold-open magnet, 24 V DC - 490 N retention force, approved for use with all GEZE smoke switch control units, Wall installation flush-mounted		155567
GEZE door hold-open magnet, 24 V DC - 490 N retention force, approved for use with all GEZE smoke switch control units, Wall installation surface-mounted or floor mounting with accesso- ries base		155569
GEZE door hold-open magnet, 24 V DC - 490 N retention force, approved for use with all GEZE smoke switch control units, Wall installation with base 65 mm		155573
GEZE door hold-open magnet, 24 V DC - 490 N retention force, approved for use with all GEZE smoke switch control units Wall/ceiling mounting, stand pipe 185 mm, can be flexibly shortened, magnetic head adjust- table through 90°		115952
GEZE door hold-open magnet, 24 V DC - 490 N retention force, approved for use with all GEZE smoke switch control units Wall/ceiling mounting, stand pipe 335 mm, can be flexibly shortened, magnetic head adjustable through 90°		115953
GEZE magnetic counter plate for GEZE hold-open magnets Standard version, rubber support		115954
GEZE magnetic counter plate for GEZE hold-open magnets Version with adjustable joint		115956
GEZE magnetic counter plate for GEZE hold-open magnets Version with spring buffer		115955
GEZE manual trigger switch AS 500 for manual release of electrically controlled hold-open devices including terminating resistor for line monitoring	alpine white/red	116266
GEZE manual trigger switch AS 500 (with glass pane and 5 interchangeable labels) for manual release of electrically controlled hold-open devices including terminating resistor for line monitoring	alpine white/red	120880
GEZE mechanical hold-open device		154766
GEZE smoke detector GC 152 Complete with base, 24 V DC, 20 mA, tested in accordance with EN54-7, with general approval for use with all GEZE hold-open systems FA GC 150, integrated line control, conform with DIN EN 14637	white	139850
GEZE thermal detector GC 153 Complete with base, 24 V DC, 20 mA, tested in accordance with EN54-5, with general approval for use with all GEZE hold-open systems FA GC 150, integrated line control, conform with DIN EN 14637	white	139881
Retrofit kit ECLine ISM / ISM BG Energy accumulator for use on the active leaf in 2-leaf guide rails ISM and ISM ASSY GP, ope- ning assistance for greater operating convenience		154767
Surface-mounted box, single Matching the AS 500 switch range	alpine white	120503

1) Only for dry rooms

2) Surcharge for RAL special colours, see General Information in the Price List.

GEZE TS 5000 ISM

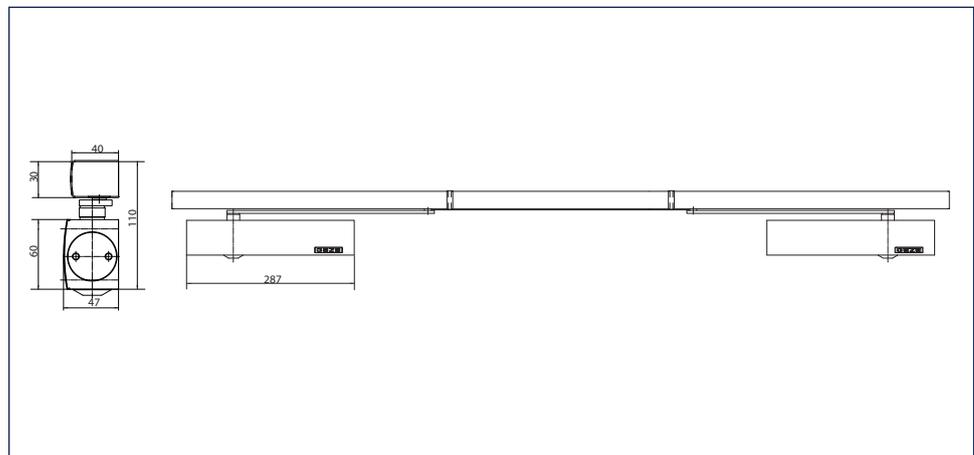
Guide rail door closer system for 2-leaf doors of up to 2800 mm hinge clearance with integrated closing sequence control

The integrated closing sequence control ensures the correct closing sequence of both door leaves for 2-leaf doors. When the door is closed, the active leaf remains in waiting position until the passive leaf is closed and releases the active leaf via the closing sequence control. The GEZE system solution is made up of two overhead door closers TS 5000 with adjustable closing force size 2-6 in accordance with EN 1154, combined with the ISM guide rail with integrated mechanical closing sequence control, tested in accordance with EN 1158. The overhead door closer system TS 5000 ISM is approved for use with 2-leaf fire and smoke protection doors.

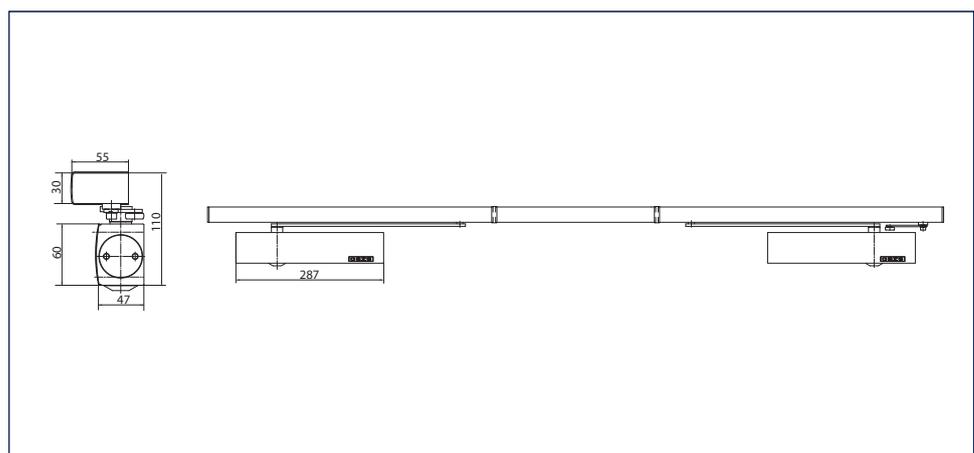
For the opposite hinge side, the variant TS 5000 L-ISM is available as standard or with panic function only on the active leaf. The variant TS 5000 L-ISM VPK up to an X dimension of 125 mm is available for all full panic requirements, also with symmetrical fitting dimensions.



GEZE TS 5000 ISM



GEZE TS 5000 L-ISM / TS 5000 L-ISM VPK



GEZE TS 3000 V / SYSTEM TS 5000

Area of application

- For fire protection doors (door closer with mounting plate)
- For right and left hung doors without conversion

Area of application ISM (Installation hinge side)

- For 2-leaf doors, leaf width of up to 1400 mm
- Min. hinge clearance = 1300 mm, max. hinge clearance = 2800 mm
- Overlength version up to 3200 mm
- Symmetrical and asymmetrical division of door possible, minimum width of the passive leaf = 400 mm

Area of application L-ISM (Installation opposite hinge side)

- For 2-leaf doors, leaf width of up to 1400 mm
- Min. hinge clearance = 1360 mm, max. hinge clearance = 2800 mm
- Symmetrical and asymmetrical division of door possible, minimum width of the passive leaf = 380 mm
- Can be used as a standard version for the opposite hinge side or as a panic function only on the active leaf

Area of application L-ISM VPK (Installation opposite hinge side)

- For 2-leaf doors with full panic function, leaf width of up to 1400 mm
- Min. hinge clearance = 1300 mm, max. hinge clearance = 2800 mm
- Symmetrical and asymmetrical division of door possible, minimum width of the passive leaf = 380 mm

Closer technical data

Product features	GEZE TS 5000 Ecline / TS 5000 L Ecline	GEZE TS 5000 / TS 5000 L
Closing force in accordance with EN 1154	3 - 5	2 - 6
Recommended leaf width up to	1250 mm	1400 mm
Same version for DIN left and DIN right	•	•
Product tested in accordance with	Door closer tested in accordance with EN 1154	
Suitability for fire protection doors	•	•
Mounting plate with hole pattern in accordance with EN1154 supplement	•	•
Length	287 mm	287 mm
Overall depth	47 mm	47 mm
Height	60 mm	60 mm

Functions

Adjustable closing force	Yes, stepless	
Adjustable closing speed	•	•
Adjustable latching action	Yes, via valve	
Integrated back check	Yes, hydraulically adjustable	
Position of closing force adjustment	Front	
Visual closing force display	•	•
Safety valve against wilful damage	•	•
Thermo-control valves	•	•

Guide rail technical data

Product features	ISM guide rail TS 5000	ISM guide rail BG TS 5000	ISM guide rail BG VPK TS 5000 complete package
Minimum hinge clearance	1300 mm	1360 mm	1300 mm
Minimum passive leaf width	400 mm	380 mm	380 mm
Product tested in accordance with	Door closing sequence selector tested in accordance with EN 1158	Door closing sequence selector tested in accordance with EN 1158	Door closer tested in accordance with EN 1154 Door closing sequence selector tested in accordance with EN 1158
Length	2630 mm	2730 mm	2730 mm
Overall depth	40 mm	55 mm	55 mm
Height		30 mm	

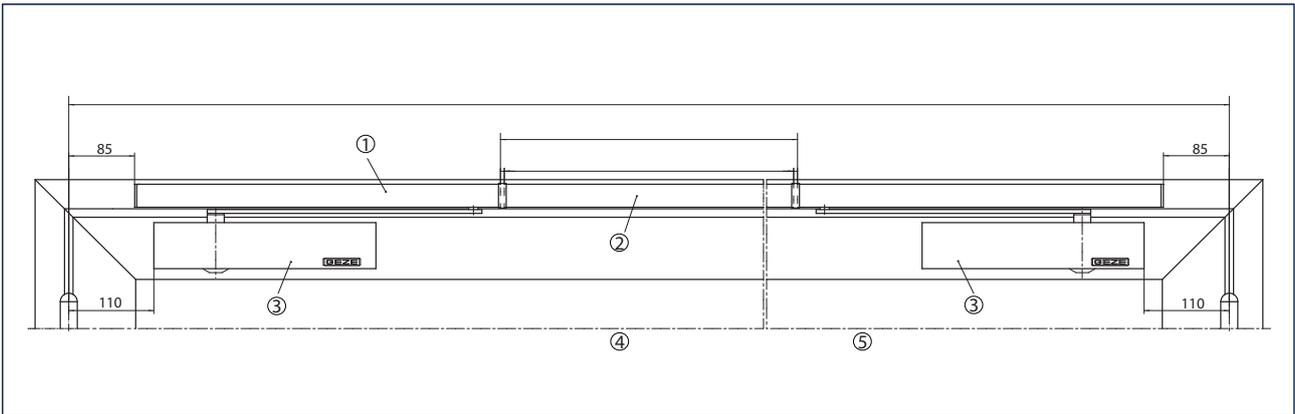
Functions

Integrated closing sequence control	•	•	•
Integrated hold-open magnet	○ / ○	○ / ○	○ / ○
Height correction possible	•	•	•
Flexible opening restrictor	○	○	○

- = YES
- = OPTIONAL

Door leaf installation/hinge side TS 5000 ISM

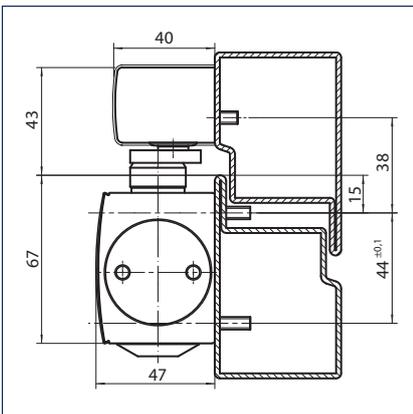
View



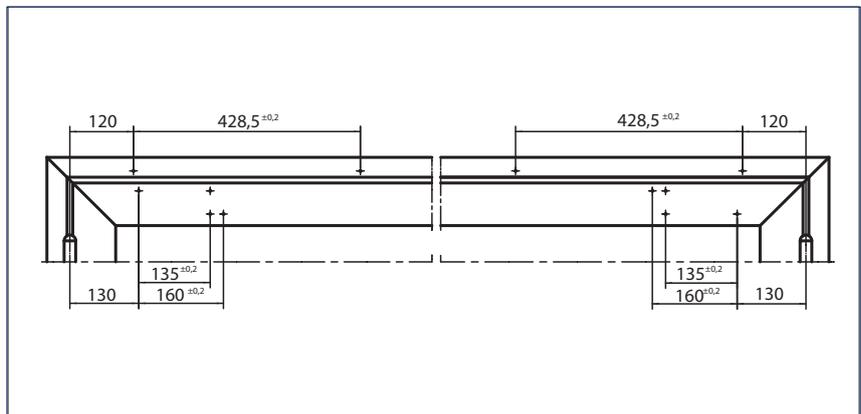
Example for installation

- 1 = ISM guide rail
- 2 = Middle section may be cut to size
- 3 = TS 5000
- 4 = Active leaf
- 5 = Passive leaf

Direct installation

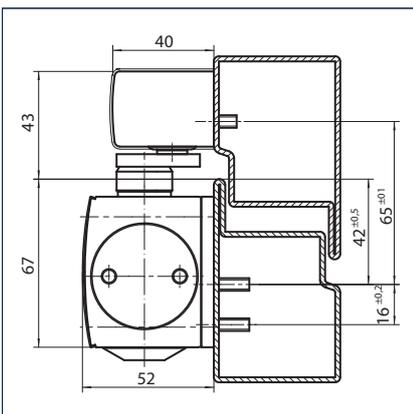


Cross-section = Direct installation

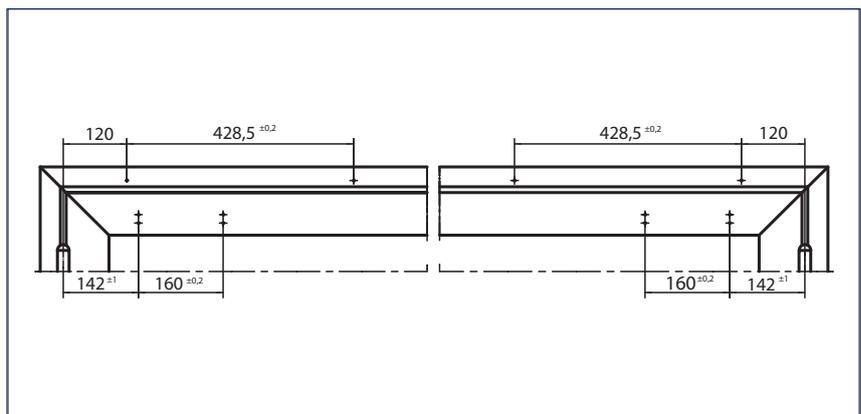


Fitting dimensions

Installation with mounting plate



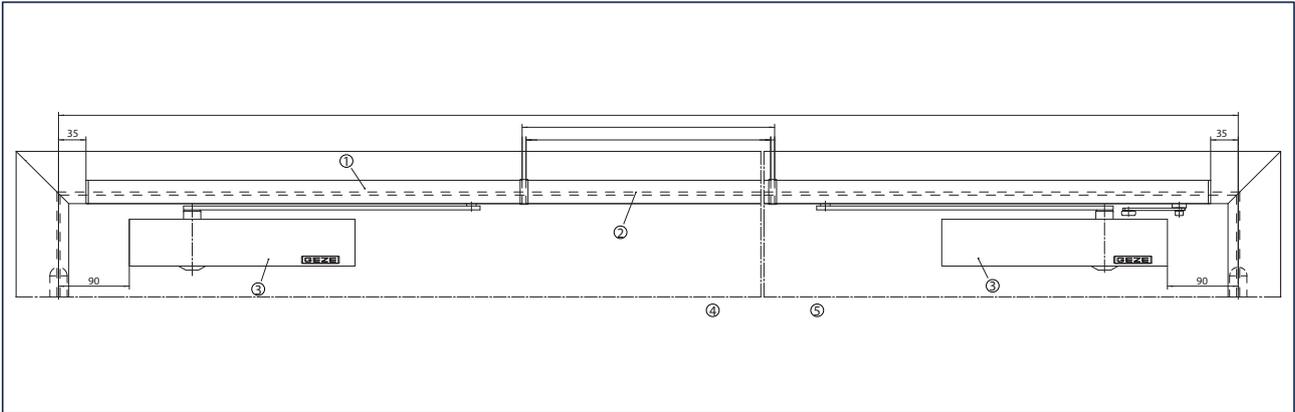
Cross-section = Installation with mounting plate



Fitting dimensions

Door leaf installation/opposite hinge side TS 5000 L-ISM

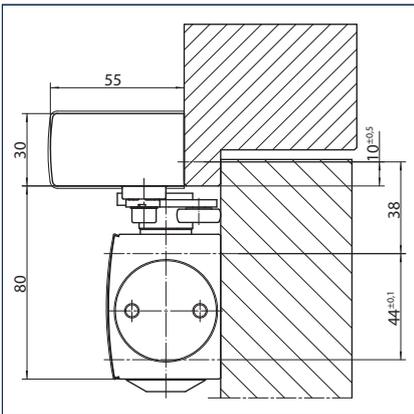
View



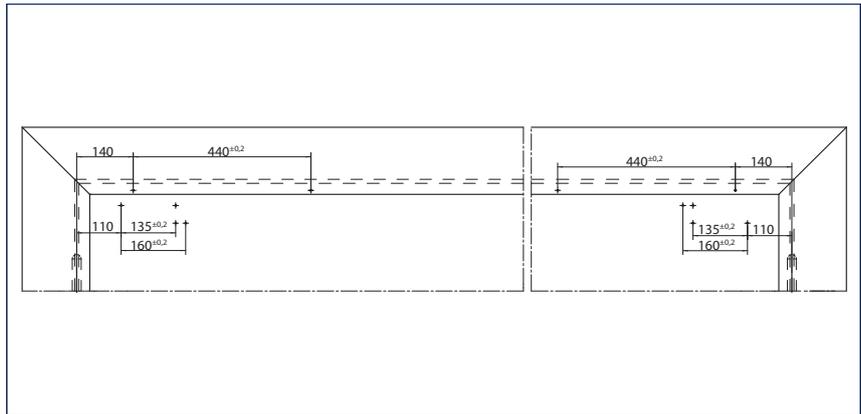
Example for installation

- 1 = ISM guide rail BG
- 2 = Middle section may be cut to size
- 3 = TS 5000 L
- 4 = Active leaf
- 5 = Passive leaf

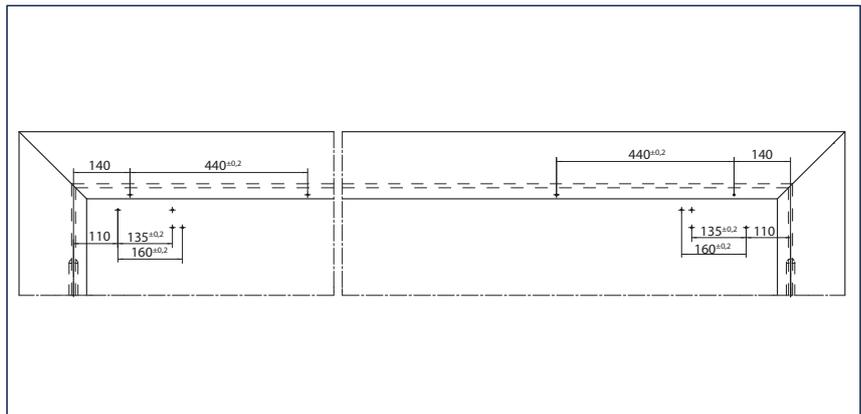
Direct installation



Cross-section = Direct installation

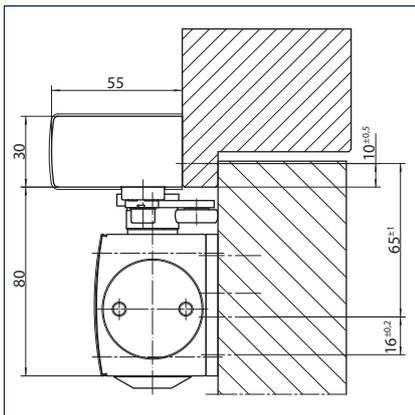


Fitting dimensions right-hand leaf = active leaf, left-hand leaf = passive leaf

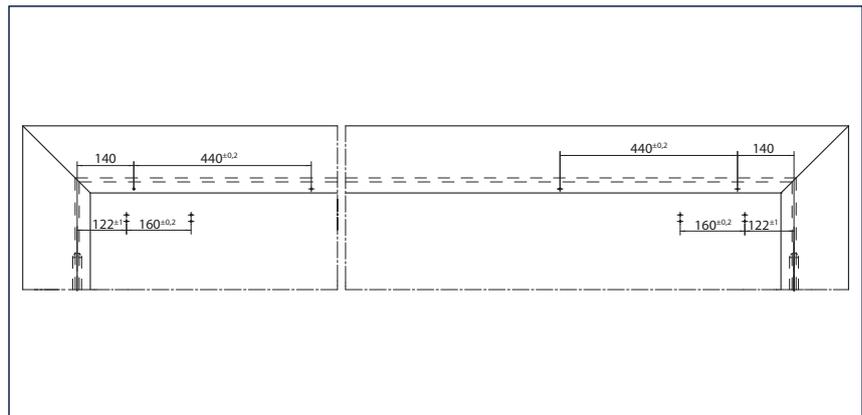


Fitting dimensions right-hand leaf = fixed leaf, left-hand leaf = passive leaf

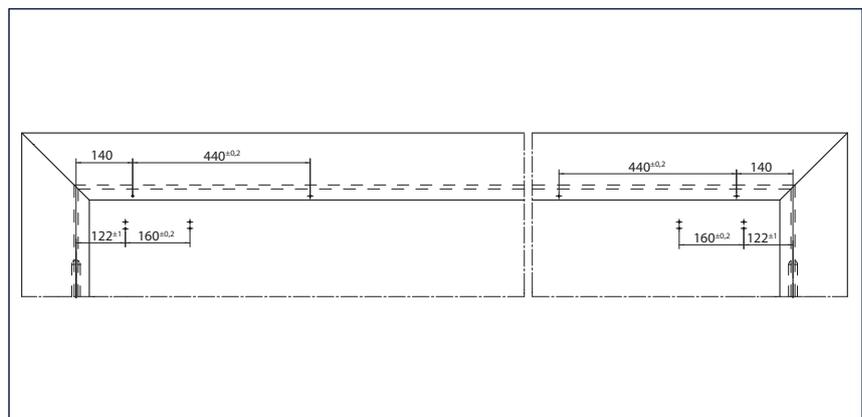
Installation with mounting plate



Cross-section = Installation with mounting plate

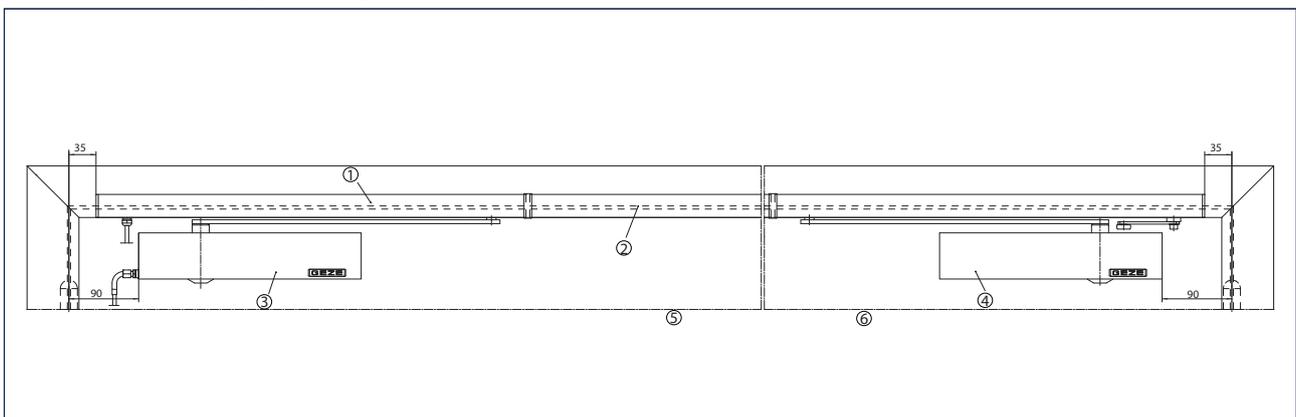


Fitting dimensions right-hand leaf = passive leaf, left-hand leaf = active leaf



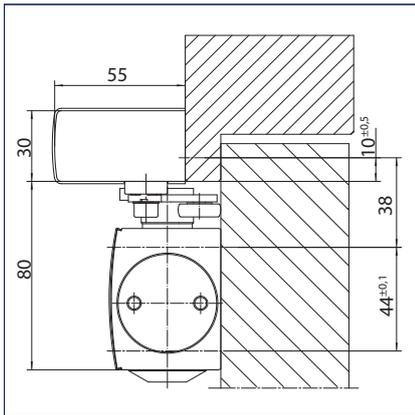
Fitting dimensions right-hand leaf = active leaf, left-hand leaf = passive leaf

Door leaf installation/opposite hinge side TS 5000 L-ISM VPK

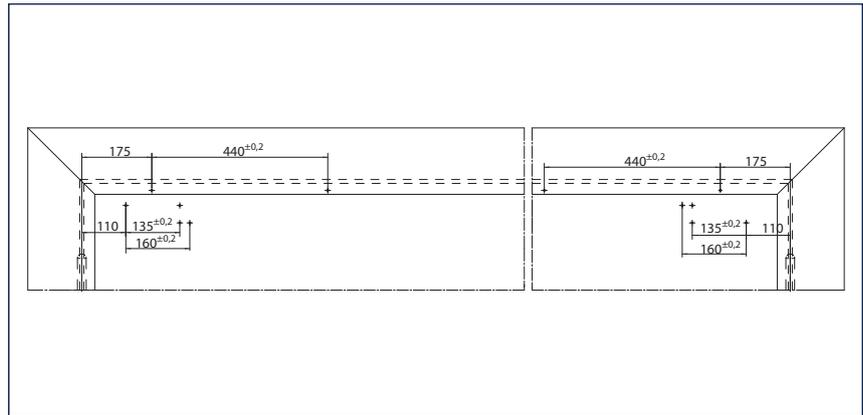


- 1 = ISM guide rail BG VPK
- 2 = Middle section may be cut to size
- 3 = TS 5000 L-IS
- 4 = TS 5000 L
- 5 = Active leaf
- 6 = Passive leaf

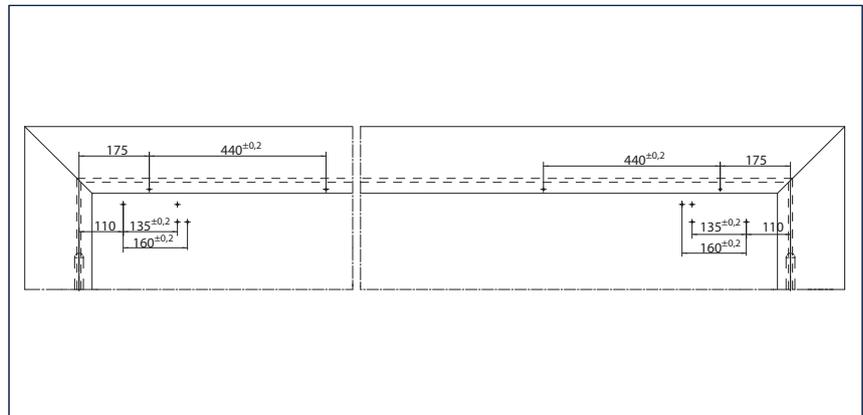
Direct installation



Cross-section = Direct installation

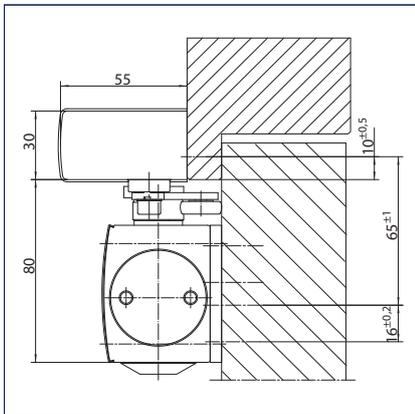


Fitting dimensions right-hand leaf = active leaf, left-hand leaf = passive leaf

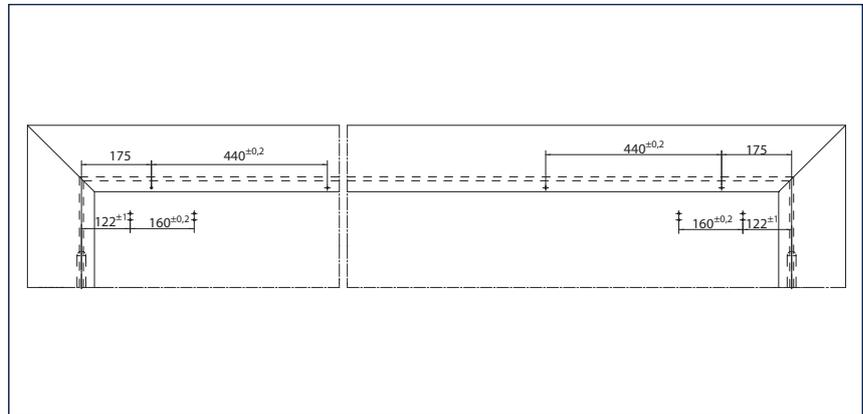


Fitting dimensions right-hand leaf = passive leaf, left-hand leaf = active leaf

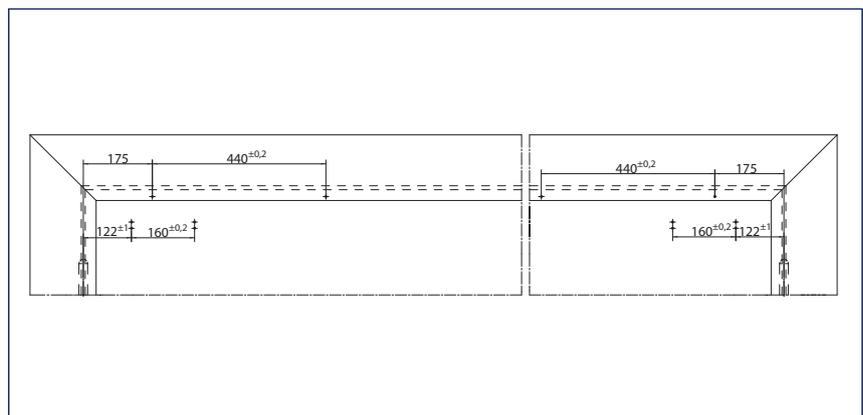
Installation with mounting plate



Cross-section = Installation with mounting plate



Fitting dimensions right-hand leaf = passive leaf, left-hand leaf = active leaf



Fitting dimensions right-hand leaf = active leaf, left-hand leaf = passive leaf

GEZE TS 5000 ISM - Order information

Description	Version	ID no.
GEZE TS 5000 Ecline closer Size EN 3-5, with back check (without guide rail and lever)	silver-coloured	143640
	white RAL 9016	143641
	Stainless steel slide plate	143642
	acc. to RAL ²⁾	143643
GEZE TS 5000 closer Size EN 2-6, with opening damping (without guide rail and lever)	silver-coloured	027333
	white RAL 9016	027335
	Stainless steel slide plate	137721
	acc. to RAL ²⁾	027336
ISM guide rail TS 5000 continuous, with integrated closing sequence control and levers	silver-coloured	115549
	white RAL 9016	115591
	simulated stainless steel ¹⁾	115592
	acc. to RAL ²⁾	115593
ISM guide rail TS 5000 overlength continuous, overlength up to 3200 mm, with integrated closing sequence control and levers	silver-coloured	115598
	acc. to RAL ²⁾	115599
GEZE TS 5000 L closer Size EN 2-6, with opening damping (without guide rail and lever)	silver-coloured	027351
	white RAL 9016	029400
	Stainless steel slide plate	137723
	acc. to RAL ²⁾	027352
GEZE TS 5000 L Ecline closer Size EN 3-5, with back check (without guide rail and lever)	silver-coloured	143648
	white RAL 9016	143649
	Stainless steel slide plate	143650
	acc. to RAL ²⁾	143651
ISM guide rail BG TS 5000 continuous, with integrated closing sequence control and levers	silver-coloured	115594
	white RAL 9016	115595
	simulated stainless steel ¹⁾	115596
	acc. to RAL ²⁾	115597
ISM guide rail BG VPK TS 5000 complete package System solution for general use on full panic doors comprising 1 x TS 5000 L, 1 x TS 5000 L-IS, 1 x ISM BG guide rail, continuous, with integrated release mechanism and levers	silver-coloured	133093
	white RAL 9016	142656
	acc. to RAL ²⁾	133105
Installation materials		
Guide rail mounting plate for ISM / E-ISM guide rail	silver-coloured	118702
	acc. to RAL ²⁾	118703
Mounting plate door closer for TS 5000/TS 4000 with hole pattern in accordance with DIN EN 1154 Supplement 1	silver-coloured	049185
	white RAL 9016	068627
	galvanised	057956
	simulated stainless steel ¹⁾	137725
	acc. to RAL ²⁾	029176

Description	Version	ID no.
Mounting plate guide rail BG for ISM / E-ISM / R-ISM guide rail BG & VP versions	silver-coloured	118704
	acc. to RAL ²⁾	118705
Lintel casing bracket guide rail BG for ISM / E-ISM / R-ISM guide rail BG	silver-coloured	118706
	acc. to RAL ²⁾	118707
Mounting plate guide rail BG for ISM / E-ISM BG VPK guide rail	silver-coloured	139757
	acc. to RAL ²⁾	139760
Lintel casing bracket guide rail BG for ISM / E-ISM BG VPK guide rail	silver-coloured	139710
	acc. to RAL ²⁾	139763
Accessories		
Door closer cover cap for TS 5000/TS 5000 L/TS 4000, can only be used for door leaf installation	silver-coloured	067724
	white RAL 9016	067726
	Stainless steel	072696
	brass	072698
	acc. to RAL ²⁾	000756
GEZE mechanical hold-open device for ISM guide rail, retention force adjustable, can be overridden		118437
GEZE flexible opening restrictor for guide rail 1-leaf: TS 5000 E/R/RFS (leaf installation), Boxer E; 2-leaf: all E-/R-ISM variants TS 5000 and Boxer		145311
GEZE CB flex for use on all 2-leaf rebated doors. Stepless, concealed length adjustment up to 210 mm leaf projection, hinged mechanism not visible, profile can be shortened if required, with attach- ment material	silver-coloured	153602
	acc. to RAL ²⁾	153728
GEZE door hold-open magnet, 24 V DC - 490 N retention force, approved for use with all GEZE smoke switch control units Wall installation surface-mounted or floor mounting with accessories base		155569
GEZE door hold-open magnet, 24 V DC - 490 N retention force, approved for use with all GEZE smoke switch control units Wall installation flush-mounted		155567
GEZE magnetic counter plate for GEZE hold-open magnets Version with adjustable joint		115956

1) Only for dry rooms

2) Surcharge for RAL special colours, see General Information in the Price List.

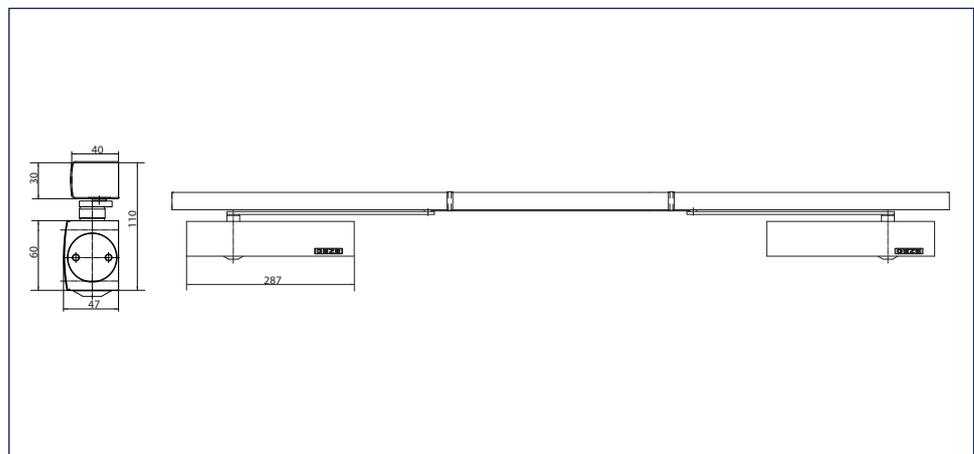
GEZE TS 5000 E-ISM

Guide rail door closer system for 2-leaf doors of up to 2800 mm hinge clearance with integrated closing sequence control and electric hold-open device

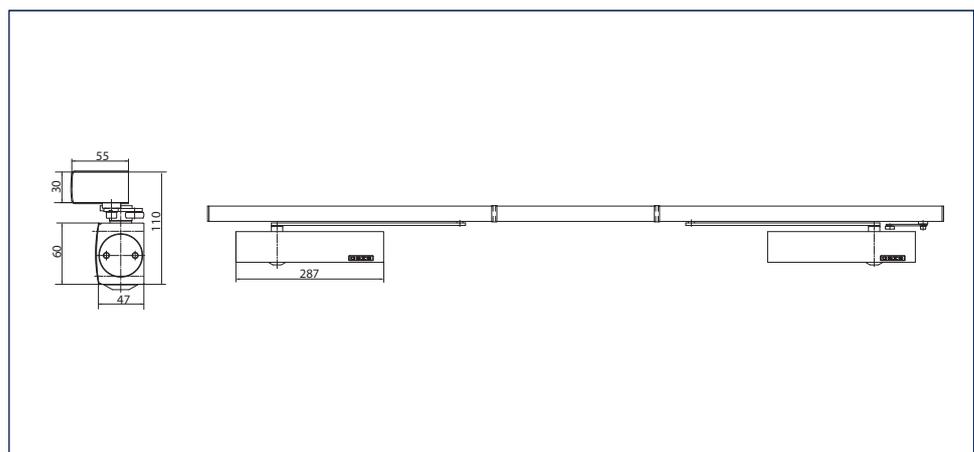
The TS 5000 E-ISM overhead door closer system for 2-leaf doors with integrated, invisible closing sequence control has an additional electromechanical hold-open function in the guide rail so that the door can be opened to an exact point. As the hold-open device releases in the event of fire and the doors close automatically, the system is approved for use with fire and smoke protection doors. The GEZE system solution consists of two TS 5000 overhead door closers with adjustable closing force size 2-6 in accordance with EN 1154, combined with the E-ISM guide rail with integrated mechanical closing sequence control, tested in accordance with EN 1158 and electromechanical hold-open device in accordance with EN 1155 on both sides. The retention force is adjustable and the hold-open position can be overridden. For the opposite hinge side the version TS 5000 L-E-ISM is available as standard or as panic function only on the active leaf. For all full panic requirements the version TS 5000 L-E-ISM VPK up to an X dimension of 125 mm is available, with symmetric fitting dimensions.



**GEZE TS 5000 E-ISM
GEZE TS 5000 E-ISM/S
GEZE TS 5000 E-ISM/G**



**GEZE TS 5000 L-E-ISM /
TS 5000 L-E-ISM VPK**



Area of application installation hinge side

- For 2-leaf doors, leaf width of up to 1400 mm
- Min. hinge clearance = 1300 mm, max. hinge clearance = 2800 mm
- Overlength version up to 3200 mm
- Symmetrical and asymmetrical division of door possible, minimum width of the passive leaf = 400 mm
- For fire protection doors (door closer with mounting plate)
- For left and right hung doors without conversion

Area of application E-ISM

- With hold-open device integrated on both sides

Area of application E-ISM/S

- With electric hold-open device integrated on the passive leaf; a free swing door closer or external hold-open magnet option can be used on the active leaf

Area of application E-ISM/G

- With electric hold-open device integrated on the active leaf; an external hold-open magnet option can be used on the passive leaf

Area of application installation opposite hinge side

- Symmetrical and asymmetrical division of door possible, minimum width of the passive leaf = 380 mm
- For fire protection doors (door closer with mounting plate)
- For left and right hung doors without conversion

Area of application L-E-ISM

- For 2-leaf doors, leaf width of up to 1400 mm
- Min. hinge clearance = 1360 mm, max. hinge clearance = 2800 mm
- Can be used as a standard version for the opposite hinge side or as a panic function only on the active leaf

Area of application L-E-ISM VPK

- For 2-leaf doors with full panic function, leaf width of up to 1400 mm
- Min. hinge clearance = 1300 mm, max. hinge clearance = 2800 mm

Closer technical data

Product features	GEZE TS 5000 Ecline / TS 5000 L Ecline	GEZE TS 5000 / TS 5000 L
Closing force in accordance with EN 1154	3 - 5	2 - 6
Recommended leaf width up to	1250 mm	1400 mm
Same version for DIN left and DIN right	•	•
Product tested in accordance with	Door closer tested in accordance with EN 1154	
Suitability for fire protection doors	•	•
Mounting plate with hole pattern in accordance with EN1154 supplement	•	•
Length	287 mm	287 mm
Overall depth	47 mm	47 mm
Height	60 mm	60 mm
Functions		
Adjustable closing force	Yes, stepless	
Adjustable closing speed	•	•
Adjustable latching action	Yes, via valve	
Integrated back check	Yes, hydraulically adjustable	
Position of closing force adjustment	Front	
Visual closing force display	•	•
Safety valve against wilful damage	•	•
Thermo-control valves	•	•

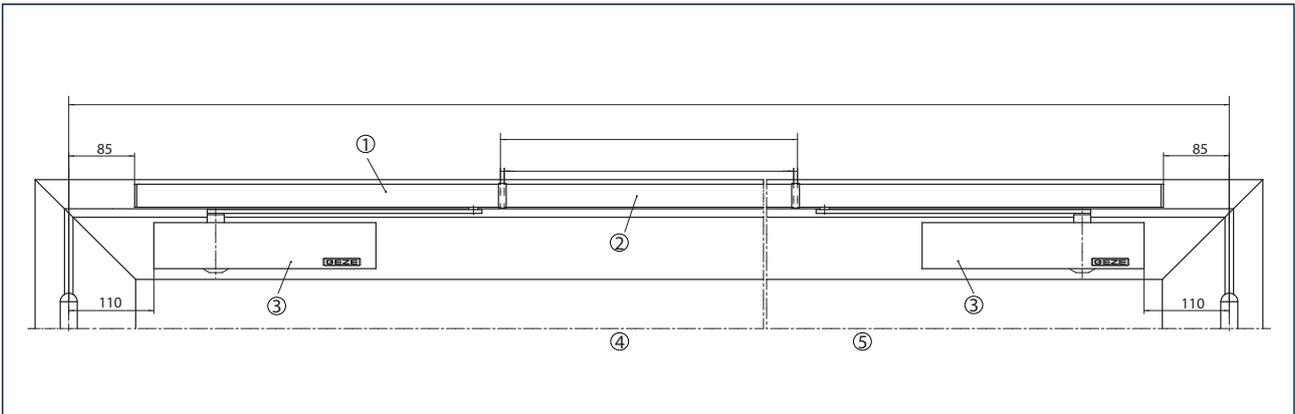
Guide rail technical data

Product features	E-ISM TS 5000	E-ISM/S TS 5000 / E-ISM/G TS 5000	E-ISM BG TS 5000 / E-ISM BG VPK TS 5000
Minimum hinge clearance	1300 mm	1300 mm	1300 mm
Minimum passive leaf width	400 mm	400 mm	380 mm
Supply voltage	24 V DC		
Electrical power consumption	4.1 W	2.04 W	4.1 W
Duty rating	100 %		
Residual ripple	20 %		
Enclosure rating	IP 43		
Product tested in accordance with	Hold-open device tested in accordance with EN 1155 Door closing sequence selector tested in accordance with EN 1158		
Length	2630 mm	2630 mm	2730 mm
Overall depth	40 mm	40 mm	55 mm
Height	30 mm		
Functions			
Integrated closing sequence control	•	•	•
Integrated hold-open device	Electric		
Hold-open device on the active leaf / passive leaf	○ / ○	○ / ○	• / •
Hold-open device can be overridden	•	•	•
Hold-open angle	80 - 130 °	80 - 130 °	above 80 °
Height correction possible	•	•	•
Flexible opening restrictor	○	○	○

- = YES
- = OPTIONAL

Door leaf installation/hinge side TS 5000 E-ISM / E-ISM/S / E-ISM/G

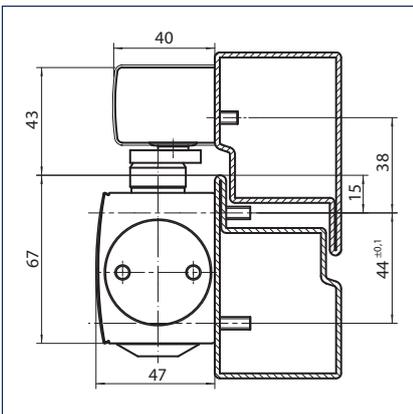
View



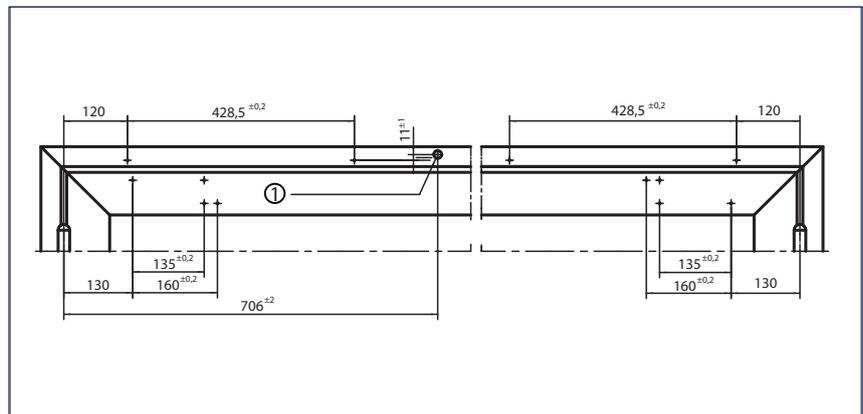
Example for installation

- 1 = E-ISM guide rail
- 2 = Middle section may be cut to size
- 3 = TS 5000
- 4 = Active leaf
- 5 = Passive leaf

Direct installation

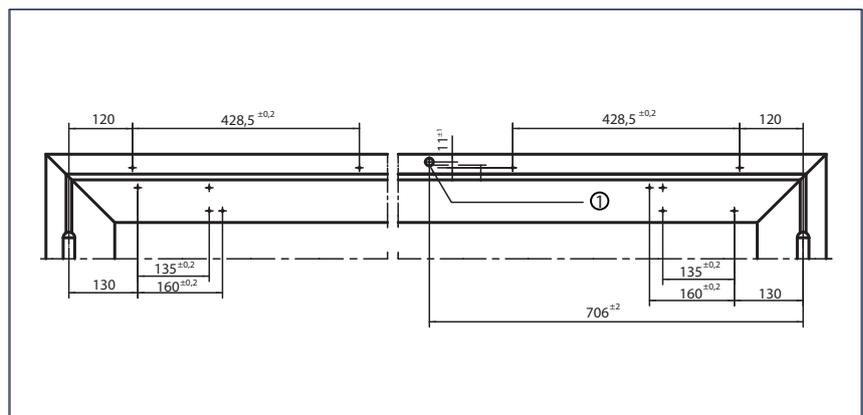


Cross-section = Direct installation



Fitting dimensions left-hand leaf = active leaf, right-hand leaf = passive leaf

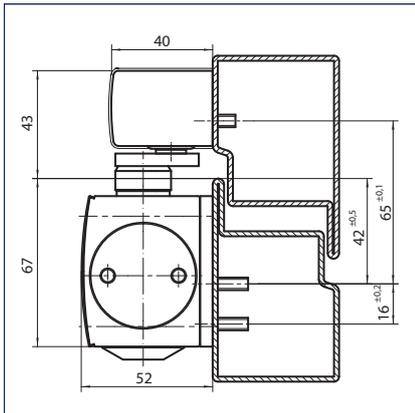
1 = \varnothing 15 line-feed 24 V



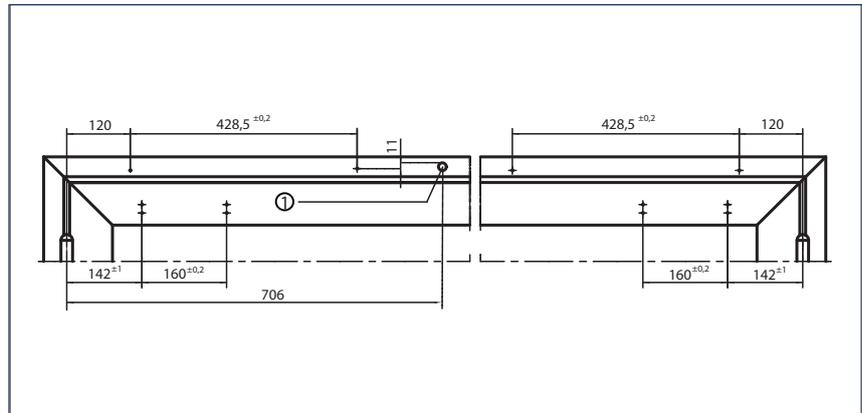
Fitting dimensions right-hand leaf = active leaf, left-hand leaf = passive leaf

1 = \varnothing 15 line-feed 24 V

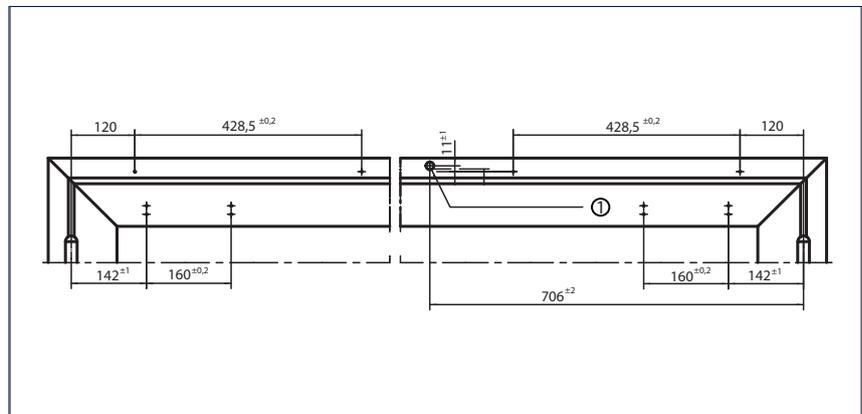
Installation with mounting plate



Cross-section = Installation with mounting plate



Fitting dimensions left-hand leaf = active leaf, right-hand leaf = passive leaf

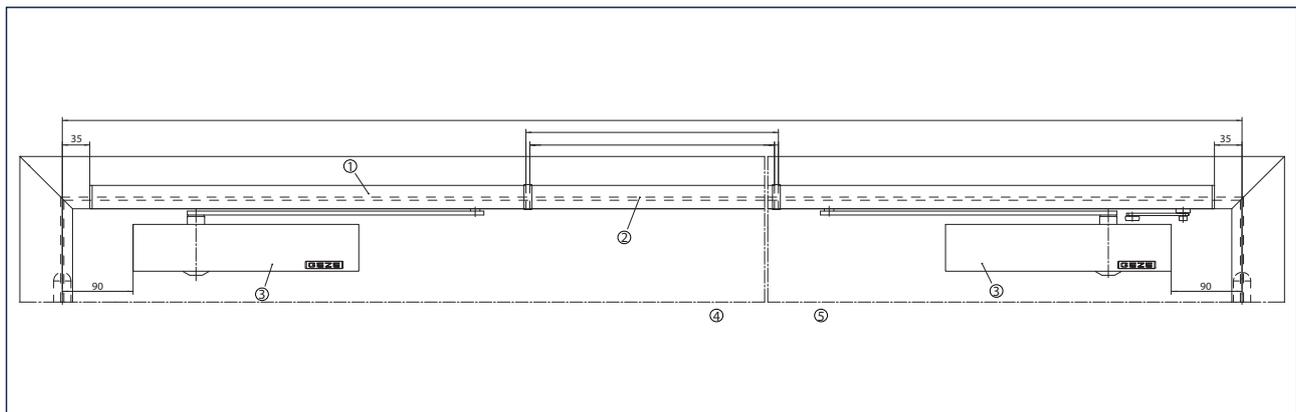
1 = \varnothing 15 line-feed 24 V

Fitting dimensions right-hand leaf = active leaf, left-hand leaf = passive leaf

1 = \varnothing 15 line-feed 24 V

Door leaf installation/opposite hinge side TS 5000 L-E-ISM

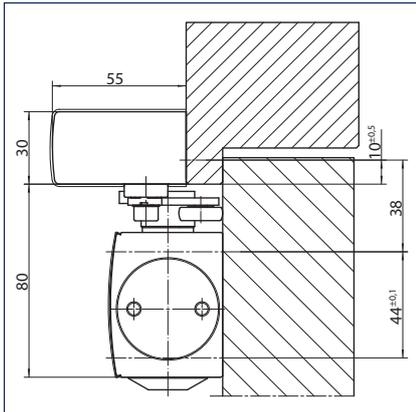
View



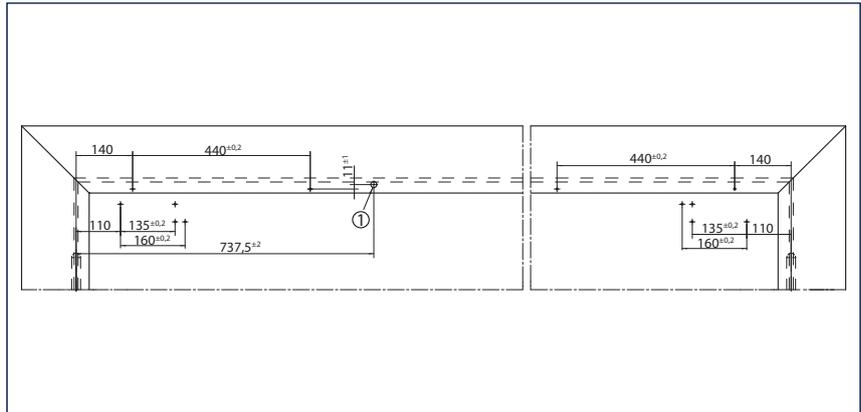
Example for installation

- 1 = E-ISM guide rail BG
- 2 = Middle section may be cut to size
- 3 = TS 5000 L
- 4 = Active leaf
- 5 = Passive leaf

Direct installation

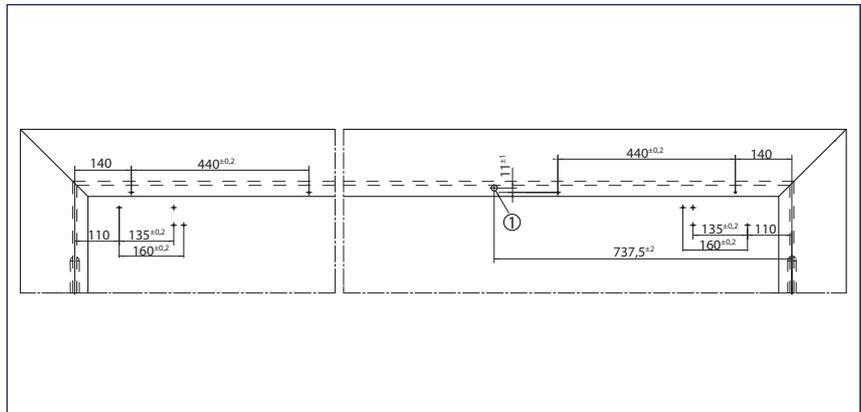


Cross-section = Direct installation



Fitting dimensions right-hand leaf = active leaf, left-hand leaf = passive leaf

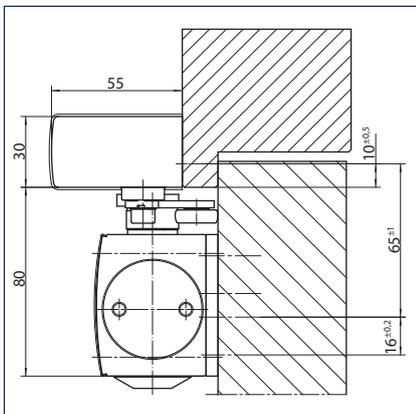
1 = \varnothing 15 line-feed 24 V



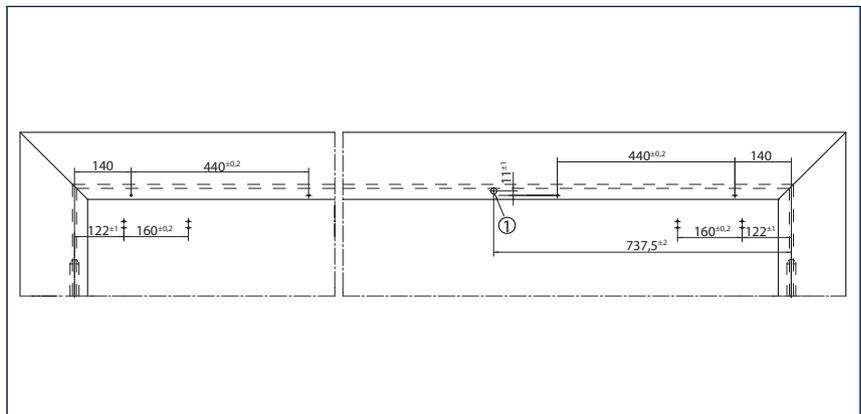
Fitting dimensions right-hand leaf = passive leaf, left-hand leaf = active leaf

1 = \varnothing 15 line-feed 24 V

Installation with mounting plate

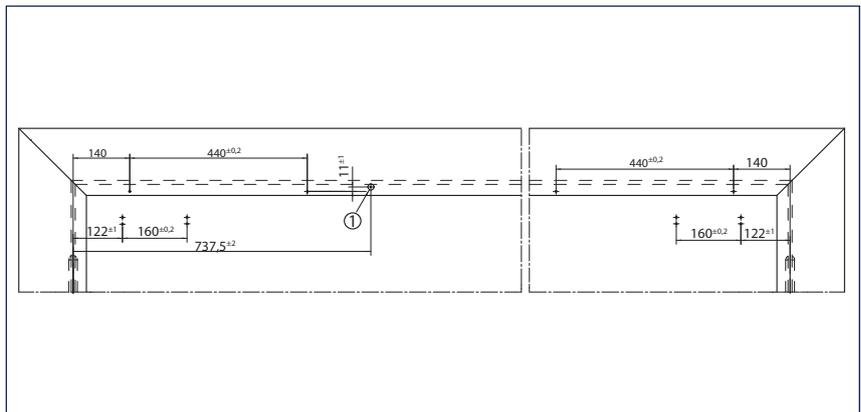


Cross-section = Installation with mounting plate



Fitting dimensions right-hand leaf = passive leaf, left-hand leaf = active leaf

1 = \varnothing 15 line-feed 24 V

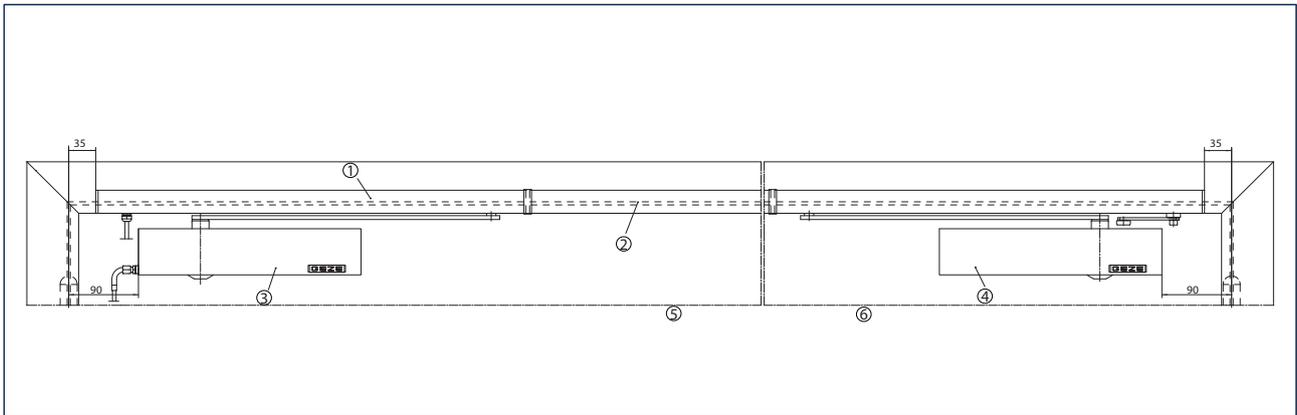


Fitting dimensions right-hand leaf = active leaf, left-hand leaf = passive leaf

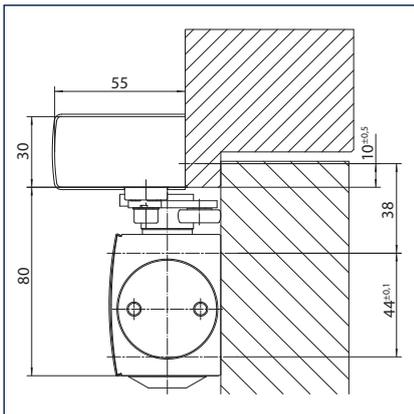
1 = \varnothing 15 line-feed 24 V

Door leaf installation/opposite hinge side TS 5000 L-E-ISM VPK

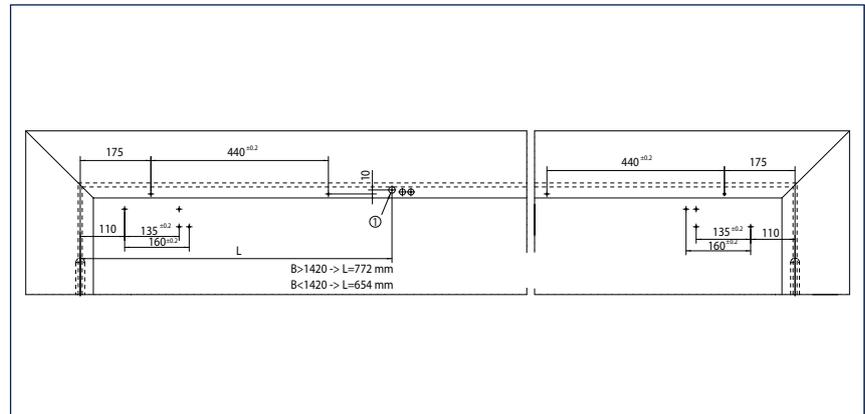
View



- 1 = E-ISM guide rail BG VPK
- 2 = Middle section may be cut to size
- 3 = TS 5000 L-IS
- 4 = TS 5000 L
- 5 = Active leaf
- 6 = Passive leaf

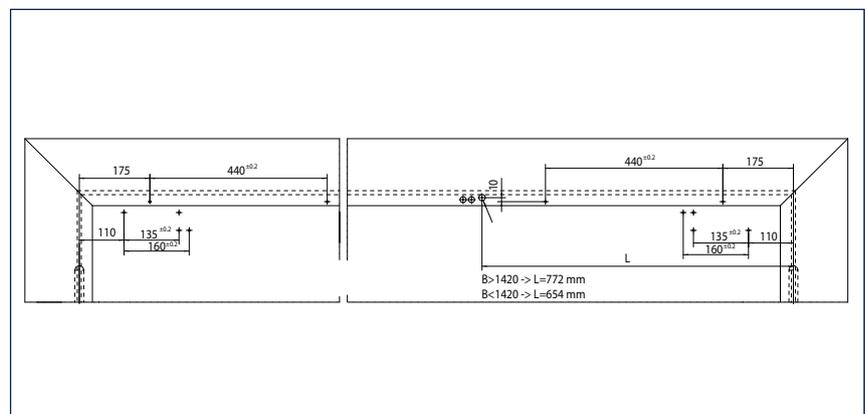
Direct installation

Cross-section = Direct installation



Fitting dimensions right-hand leaf = active leaf, left-hand leaf = passive leaf

- 1 = \varnothing 16 line-feed 24 V
- B = Door width
- L = Length

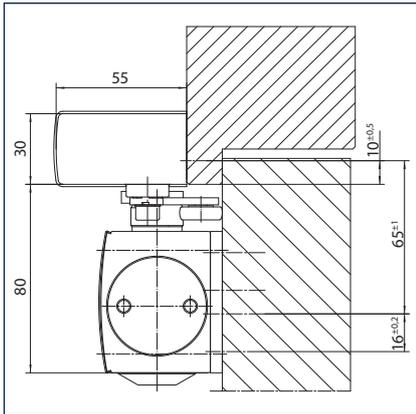


Fitting dimensions right-hand leaf = passive leaf, left-hand leaf = active leaf

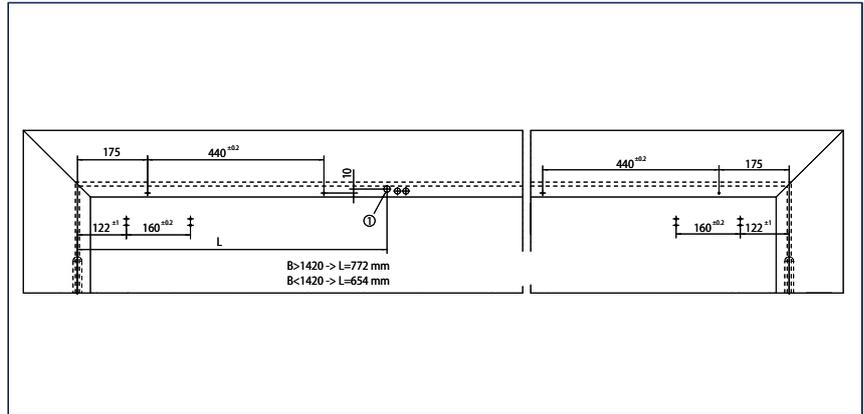
- 1 = \varnothing 16 line-feed 24 V
- B = Door width
- L = Length

GEZE TS 3000 V / SYSTEM TS 5000

Installation with mounting plate

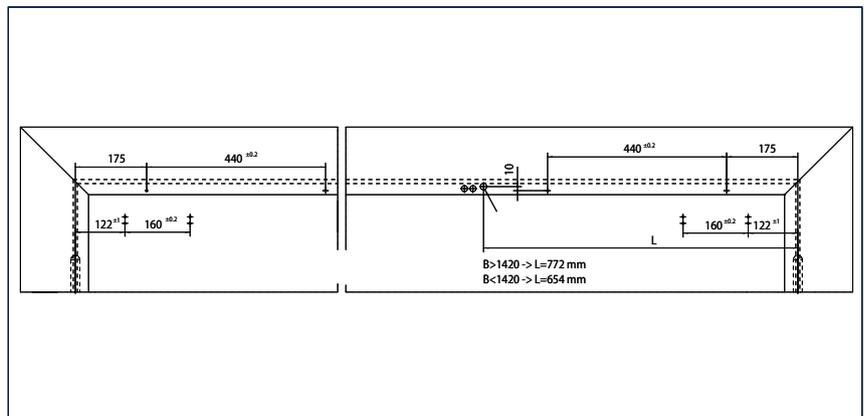


Cross-section = Installation with mounting plate



Fitting dimension right-hand leaf = active leaf, left-hand leaf = passive leaf

- 1 = \varnothing 16 line-feed 24 V
- B = Door width
- L = Length



Fitting dimension right-hand leaf = passive leaf, left-hand leaf = active leaf

- 1 = \varnothing 16 line-feed 24 V
- B = Door width
- L = Length

GEZE TS 5000 E-ISM - Order information

Description	Version	ID no.
GEZE TS 5000 E-ISM closer Size EN 3-5, with back check (without guide rail and lever)	silver-coloured	143640
	white RAL 9016	143641
	Stainless steel slide plate	143642
	acc. to RAL ²⁾	143643
GEZE TS 5000 closer Size EN 2-6, with opening damping (without guide rail and lever)	silver-coloured	027333
	white RAL 9016	027335
	Stainless steel slide plate	137721
	acc. to RAL ²⁾	027336
E-ISM guide rail TS 5000 continuous, with integrated closing sequence control, electric hold-open device on both sides and levers	silver-coloured	115600
	white RAL 9016	115602
	simulated stainless steel ¹⁾	115603
	acc. to RAL ²⁾	115604
E-ISM guide rail TS 5000 overlength continuous, overlength up to 3200 mm, with integrated closing sequence control, electric hold-open device on both sides and levers	silver-coloured	115612
	acc. to RAL ²⁾	115613

Description	Version	ID no.
E-ISM/G guide rail TS 5000 continuous, with integrated closing sequence control, electric hold-open device on the active leaf and levers	silver-coloured	115605
	simulated stainless steel ¹⁾	115606
	acc. to RAL ²⁾	115607
E-ISM/S guide rail TS 5000 continuous, with integrated closing sequence control, electric hold-open device on the passive leaf and levers	silver-coloured	160547
	simulated stainless steel ¹⁾	162088
	acc. to RAL ²⁾	160548
GEZE TS 5000 L closer Size EN 2-6, with opening damping (without guide rail and lever)	silver-coloured	027351
	white RAL 9016	029400
	Stainless steel slide plate	137723
GEZE TS 5000 L Ecline closer Size EN 3-5, with back check (without guide rail and lever)	acc. to RAL ²⁾	027352
	silver-coloured	143648
	white RAL 9016	143649
E-ISM guide rail BG TS 5000 continuous, with integrated closing sequence control, electric hold-open device on both sides and levers	Stainless steel slide plate	143650
	acc. to RAL ²⁾	143651
	silver-coloured	115608
E-ISM guide rail BG VPK TS 5000 complete package System solution for general use on full panic doors comprising 1 x TS 5000 L, 1 x TS 5000 L-IS, 1 x E-ISM BG guide rail with electric hold-open mechanism on both sides, continuous, with integrated release mechanism and levers	white RAL 9016	115609
	simulated stainless steel ¹⁾	115610
	acc. to RAL ²⁾	115611
E-ISM guide rail BG VPK TS 5000 complete package System solution for general use on full panic doors comprising 1 x TS 5000 L, 1 x TS 5000 L-IS, 1 x E-ISM BG guide rail with electric hold-open mechanism on both sides, continuous, with integrated release mechanism and levers	silver-coloured	146455
	acc. to RAL ²⁾	146456
	acc. to RAL ²⁾	146456
Installation materials		
Guide rail mounting plate for ISM / E-ISM guide rail	silver-coloured	118702
	acc. to RAL ²⁾	118703
Mounting plate door closer for TS 5000/TS 4000 with hole pattern in accordance with DIN EN 1154 Supplement 1	silver-coloured	049185
	white RAL 9016	068627
	galvanised	057956
	simulated stainless steel ¹⁾	137725
Mounting plate guide rail BG for ISM / E-ISM / R-ISM guide rail BG & VP versions	acc. to RAL ²⁾	029176
	silver-coloured	118704
Lintel casing bracket guide rail BG for ISM / E-ISM / R-ISM guide rail BG	acc. to RAL ²⁾	118705
	silver-coloured	118706
Mounting plate guide rail BG for ISM / E-ISM BG VPK guide rail	acc. to RAL ²⁾	118707
	silver-coloured	139757
Lintel casing bracket guide rail BG for ISM / E-ISM BG VPK guide rail	acc. to RAL ²⁾	139760
	silver-coloured	139710
Lintel casing bracket guide rail BG for ISM / E-ISM BG VPK guide rail	acc. to RAL ²⁾	139763
	acc. to RAL ²⁾	139763

Description	Version	ID no.
Accessories		
Door closer cover cap for TS 5000/TS 5000 L/TS 4000, can only be used for door leaf installation	silver	067724
	white RAL 9016	067726
	Stainless steel	072696
	brass	072698
	acc. to RAL ²⁾	000756
GEZE flexible opening restrictor for guide rail 1-leaf: TS 5000 E/R/RFS (leaf installation), Boxer E; 2-leaf: all E-/R-ISM variants TS 5000 and Boxer		145311
GEZE CB flex for use on all 2-leaf rebated doors. Stepless, concealed length adjustment up to 210 mm leaf projection, hinged mechanism not visible, profile can be shortened if required, with attachment material	silver	153602
	acc. to RAL ²⁾	153728
GEZE smoke switch control unit RSZ 6 Smoke switch and power supply for all GEZE hold-open devices	silver	099851
	white RAL 9016	099858
	simulated stainless steel ¹⁾	099856
	acc. to RAL ²⁾	099859
GEZE smoke detector GC 152 Complete with base, 24 V DC, 20 mA, tested in accordance with EN54-7, with general approval for use with all GEZE hold-open systems, integrated line monitoring, in accordance with DIN EN 14637	white	139850
GEZE thermal detector GC 153 Complete with base, 24 V DC, 20 mA, tested in accordance with EN54-5, with general approval for use with all GEZE hold-open systems, integrated line monitoring, in accordance with DIN EN 14637	white	139881
GEZE manual trigger switch AS 500 for the manual release of electrically controlled hold-open devices including terminating resistance for line monitoring	alpine white/red	116266
GEZE manual trigger switch AS 500 (with glass pane and 5 interchangeable labels) for the manual release of electrically controlled hold-open devices	alpine white/red	120880
Surface-mounted box, single Matching the AS 500 switch range	alpine white	120503
Replacement glass pane for GEZE manual trigger switch 120880 and 120881		010994
GEZE door hold-open magnet, 24 V DC - 490 N retention force, approved for use with all GEZE smoke switch control units Wall installation surface-mounted or floor mounting with accessories base		155569
GEZE door hold-open magnet, 24 V DC - 490 N retention force, approved for use with all GEZE smoke switch control units Wall installation flush-mounted		155567
GEZE door hold-open magnet, 24 V DC - 490 N retention force, approved for use with all GEZE smoke switch control units Wall installation with base 65 mm		155573
GEZE magnetic counter plate for GEZE hold-open magnets Version with adjustable joint		115956
GEZE mechanical hold-open device for ISM guide rail, retention force adjustable, can be overridden		118437
Set smoke switch control unit RSZ 6 ECwire for straightforward wiring with 2-wire technology incl. 2 ceiling-mounted smoke detectors GC 162 (white)	silver	154976
	white RAL 9016	154979
	simulated stainless steel ¹⁾	154991
	acc. to RAL ²⁾	154980

1) Only for dry rooms

2) Surcharge for RAL special colours, see General Information in the Price List.

GEZE TS 5000 R-ISM

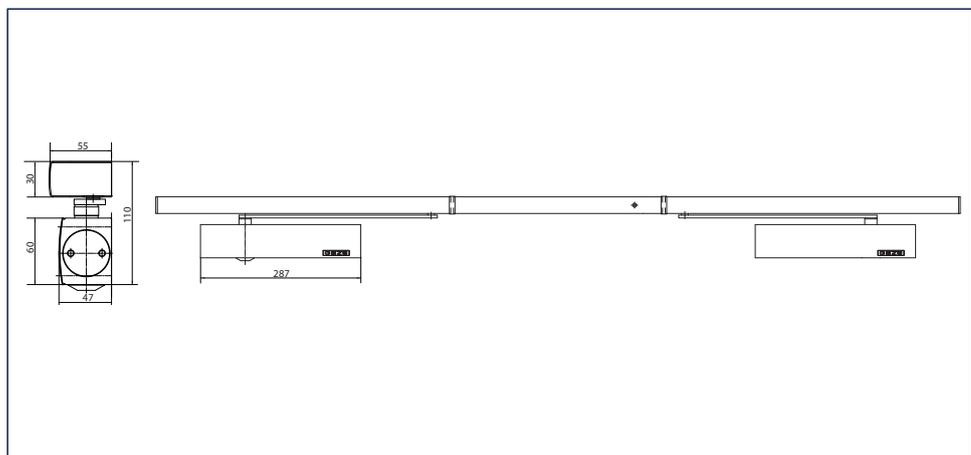
Guide rail door closer system for 2-leaf doors of up to 2800 mm hinge clearance with integrated closing sequence control, electric hold-open device and smoke switch control unit

The overhead door closer system TS 5000 R-ISM for 2-leaf doors with integrated, invisible closing sequence control, electromechanical hold-open device on both sides and integrated smoke switch control unit is approved for installation on fire and smoke protection doors. In the event of a fire, the smoke detector triggers and the doors close automatically. The GEZE system solution is made up of two overhead door closers TS 5000 with adjustable closing force 2-6 in accordance with EN 1154, combined with the R-ISM guide rail with integrated mechanical closing sequence control tested in accordance with EN 1158, electromechanical hold-open device in accordance with EN 1155 on both sides and smoke switch control unit with clogging indicator and adaption of the alarm threshold. The retention force can be adjusted and the hold-open position can be overridden. The hold-open system has a certificate of general official building approval.

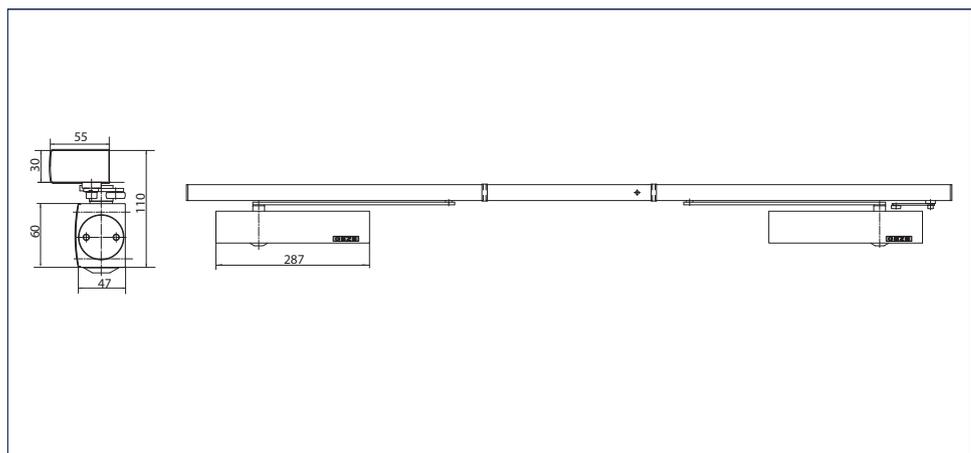
For the opposite hinge side, the variant TS 5000 L-R-ISM is available as standard or with panic function only on the active leaf. The variant TS 5000 L-R-ISM VP up to an X dimension of 100 mm is available for all full panic requirements with asymmetrical fitting dimensions.



**GEZE TS 5000 R-ISM
GEZE TS 5000 R-ISM/G
GEZE TS 5000 R-ISM/S
GEZE TS 5000 R-ISM/O**



**GEZE TS 5000 L-R-ISM /
GEZE TS 5000 L-R-ISM VP**



Area of application installation hinge side

- For 2-leaf doors, leaf width of up to 1400 mm
- Min. hinge clearance = 1500 mm, max. hinge clearance = 2800 mm
- Overlength version up to 3200 mm
- Symmetrical and asymmetrical division of door possible, minimum widths active leaf = 875 mm, passive leaf = 400 mm
- For fire protection doors (door closer with mounting plate)
- For left and right hung doors without conversion

Area of application R-ISM

- With electric hold-open device on both sides

Area of application R-ISM/S

- With electric hold-open device integrated on the passive leaf; a free swing door closer or external hold-open magnet option can be used on the active leaf

Area of application R-ISM/G

- With electric hold-open device integrated on the active leaf; an external hold-open magnet option can be used on the passive leaf

Area of application R-ISM/O

- Optionally with integrated hold-open device or hold-open magnet on the active and/or passive leaf or free swing function only on the active leaf

Area of application installation opposite hinge side

- For 2-leaf doors, leaf width of up to 1400 mm
- Symmetrical and asymmetrical division of door possible, minimum width active leaf = 905 mm, passive leaf = 380 mm
- For fire protection doors (door closer with mounting plate)
- For left and right hung doors without conversion

Area of application L-R-ISM

- Min. hinge clearance = 1560 mm, max. hinge clearance = 2800 mm
- Can be used as a standard version for the opposite hinge side or as a panic function only on the active leaf

Area of application L-R-ISM VP

- Min. hinge clearance = 1645 mm, max. hinge clearance = 2800 mm
- X dimension up to max. 100 mm (incl. mounting plate), then door opening angle active leaf > 90°, the diagram „door opening angle“ in the section „General product functions and information - GEZE door closers with guide rail - Especially for mounting on the opposite hinge side“ is not applicable for L-R-ISM VP.

Closer technical data

Product features	GEZE TS 5000 Ecline / TS 5000 L Ecline	GEZE TS 5000 / TS 5000 L
Closing force in accordance with EN 1154	3 - 5	2 - 6
Recommended leaf width up to	1250 mm	1400 mm
Same version for DIN left and DIN right	•	•
Product tested in accordance with	Door closer tested in accordance with EN 1154	
Suitability for fire protection doors	•	•
Mounting plate with hole pattern in accordance with EN1154 supplement	•	•
Length	287 mm	287 mm
Overall depth	47 mm	47 mm
Height	60 mm	60 mm
Functions		
Adjustable closing force	Yes, stepless	
Adjustable closing speed	•	•
Adjustable latching action	Yes, via valve	
Integrated back check	Yes, hydraulically adjustable	
Position of closing force adjustment	Front	
Visual closing force display	•	•
Safety valve against wilful damage	•	•
Thermo-control valves	•	•

Guide rail technical data

Product features	R-ISM TS 5000 / R-ISM/G TS 5000 / R-ISM/S TS 5000 / R-ISM/O TS 5000	R-ISM BG TS 5000	R-ISM BG VP TS 5000
Minimum hinge clearance	1500 mm	1560 mm	1645 mm
Minimum passive leaf width	400 mm	380 mm	380 mm
Supply voltage	230 V 50 Hz		
Duty rating	100 %		
Enclosure rating	IP 20		
Ambient temperature	0 - 50 °C		
Product tested in accordance with	Hold-open device tested in accordance with EN 1155 Door closing sequence selector tested in accordance with EN 1158 General building approval from DIBt as a hold-open system		
Length	2740 mm	2730 mm	2645 mm
Overall depth	55 mm		
Height	30 mm		
Functions			
Integrated closing sequence control	•	•	•
Integrated hold-open device	Electrical		
Hold-open device on the active leaf / passive leaf	o / o	• / •	• / •
Hold-open device can be overridden	•	•	•
Hold-open angle	80 - 130 °	above 80°	above 80°
Integrated smoke switch	•	•	•
with visual operating state display	•	•	•
with clogging indicator	•	•	•
with adaption of the alarm threshold	•	•	•
Integrated power supply	•	•	•
Height correction possible	•	•	•
Flexible opening restrictor	o	o ¹⁾	o ¹⁾

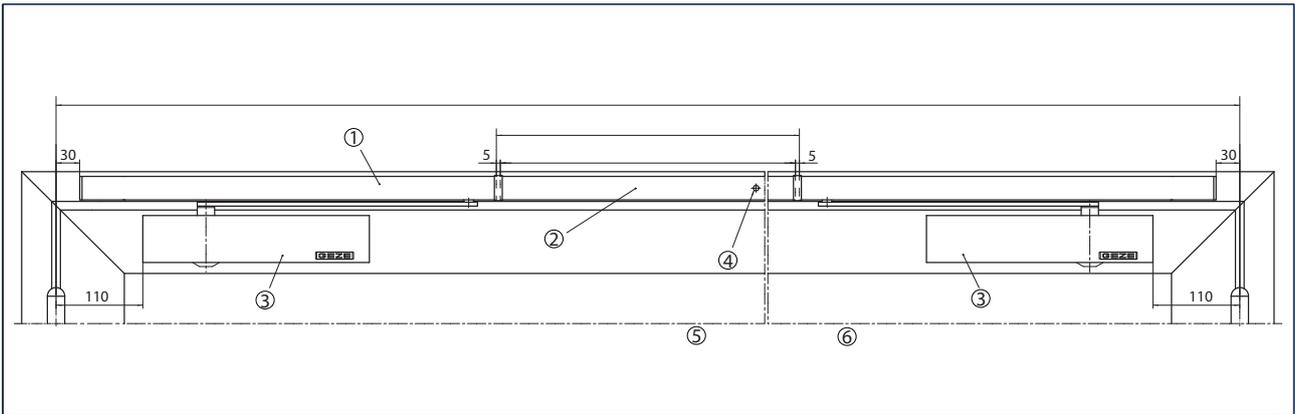
• = YES

o = OPTIONAL

1) LIMITED USE ONLY, DEPENDS ON X DIMENSION

Door leaf installation/hinge side TS 5000 R-ISM / R-ISM/G / R-ISM/S / R-ISM/O

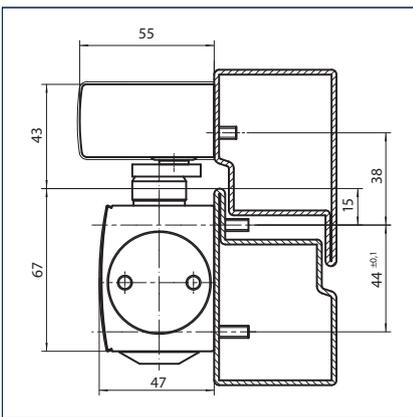
View



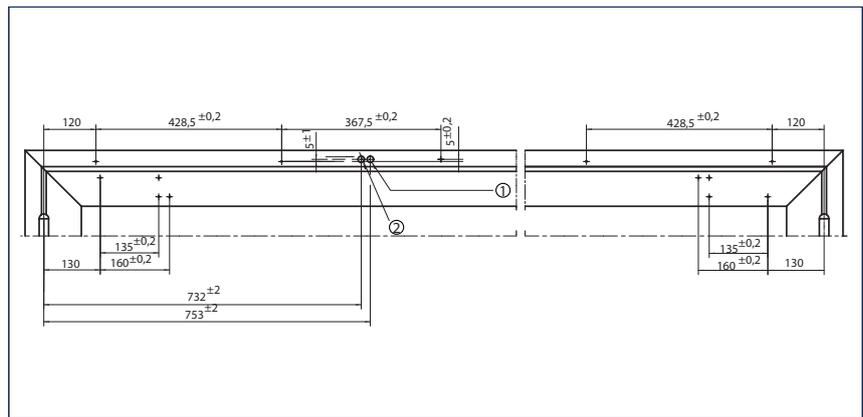
Example for installation

- 1 = R-ISM guide rail
- 2 = Middle section may be cut to size
- 3 = TS 5000
- 4 = Smoke switch control unit
- 5 = Active leaf
- 6 = Passive leaf

Direct installation

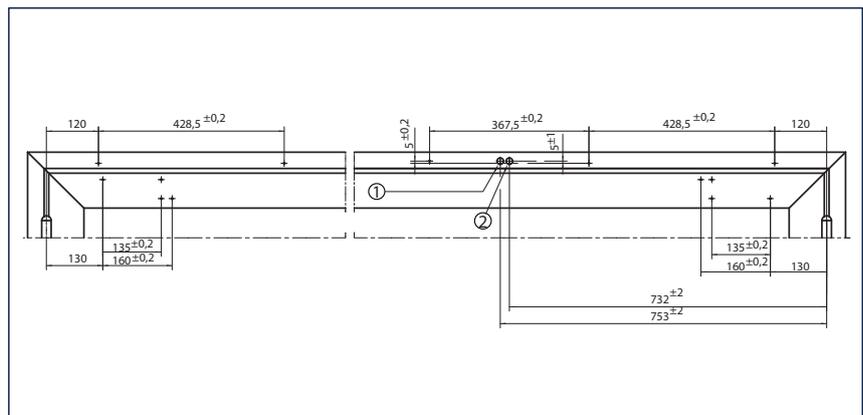


Cross-section = Direct installation



Fitting dimensions left-hand leaf = active leaf, right-hand leaf = passive leaf

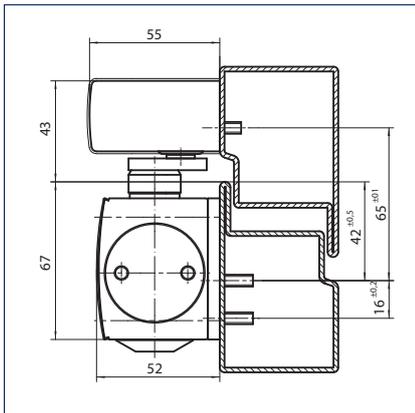
- 1 = \varnothing 15 additional cable
- 2 = \varnothing 15 230 V AC



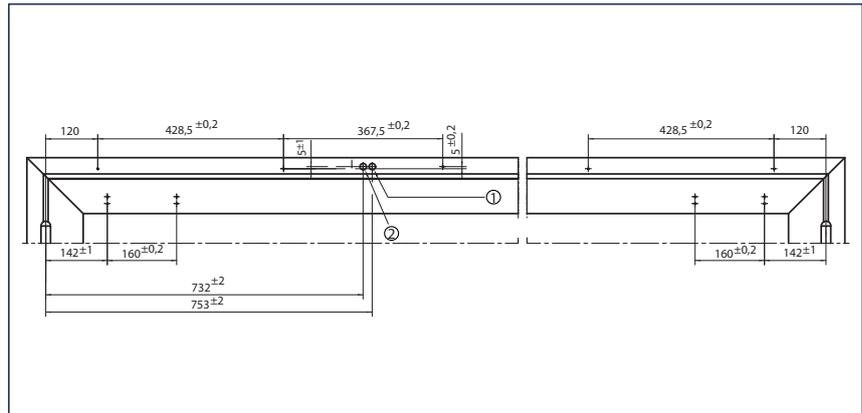
Fitting dimensions right-hand leaf = active leaf, left-hand leaf = passive leaf

- 1 = \varnothing 15 additional cable
- 2 = \varnothing 15 230 V AC

Installation with mounting plate

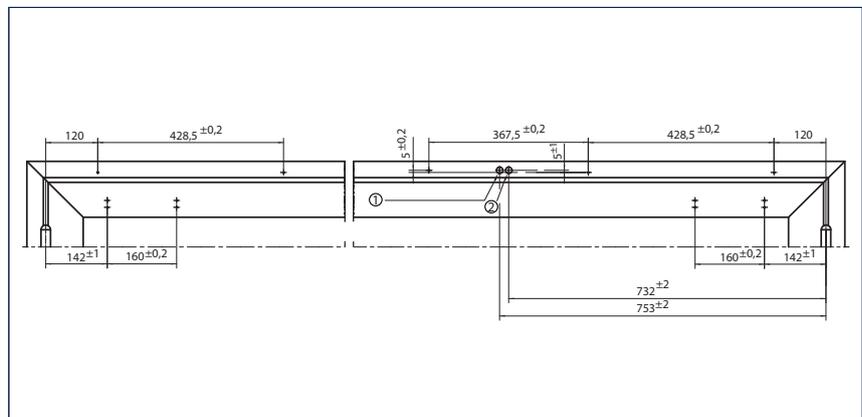


Cross-section = Installation with mounting plate



Fitting dimensions left-hand leaf = active leaf, right-hand leaf = passive leaf

- 1 = \varnothing 15 additional cable
- 2 = \varnothing 15 230 V AC

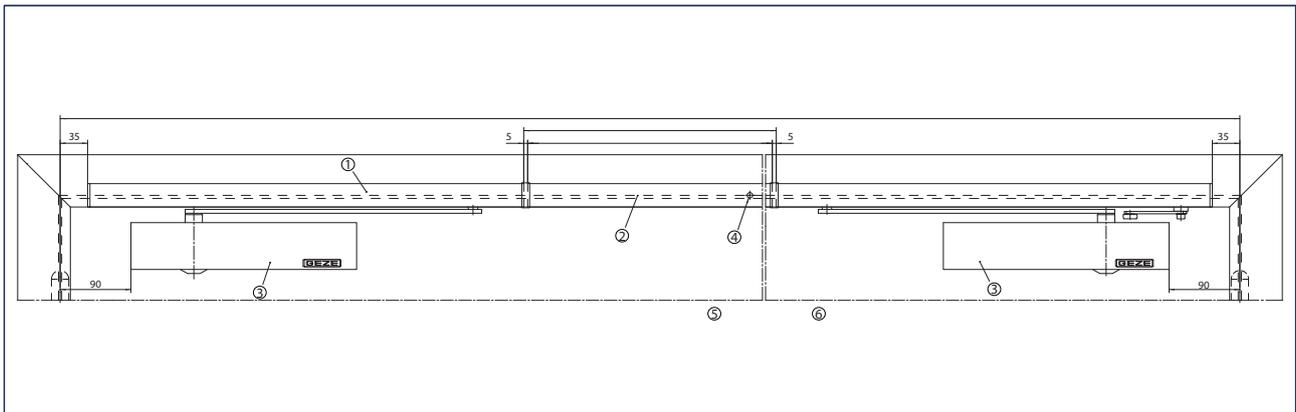


Fitting dimensions right-hand leaf = active leaf, left-hand leaf = passive leaf

- 1 = \varnothing 15 additional cable
- 2 = \varnothing 15 230 V AC

Door leaf installation/opposite hinge side TS 5000 L-R-ISM

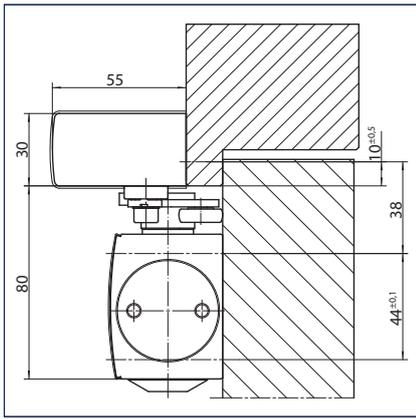
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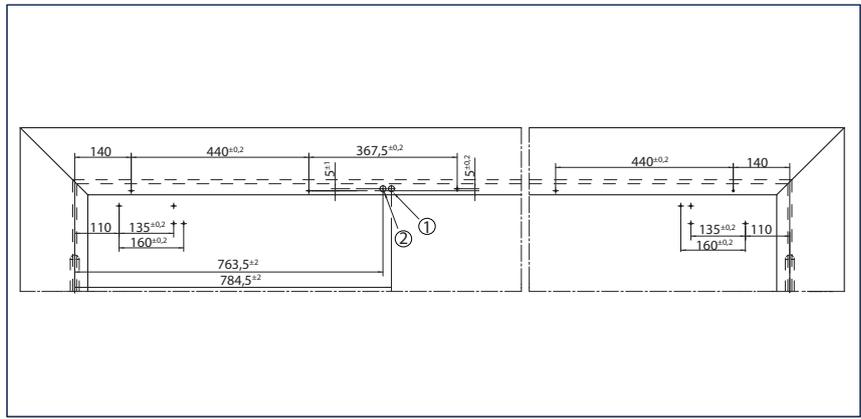
Example for installation

- 1 = R-ISM guide rail BG
- 2 = Middle section may be cut to size
- 3 = TS 5000 L
- 4 = Smoke switch control unit
- 5 = Active leaf
- 6 = Passive leaf

GEZE TS 3000 V / SYSTEM TS 5000

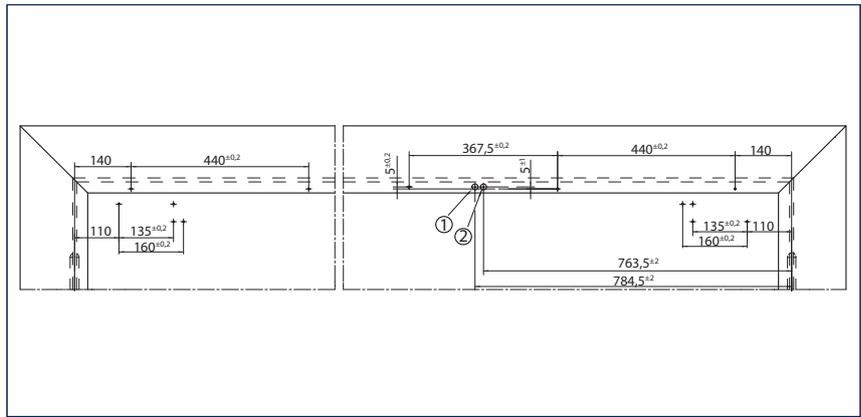


Cross-section = Direct installation



Fitting dimensions right-hand leaf = active leaf, left-hand leaf = passive leaf

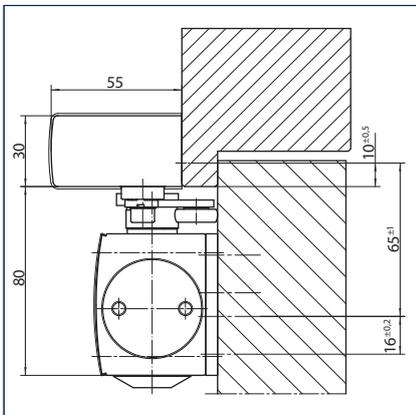
1 = \varnothing 15 additional cable 2 = \varnothing 15 230 V AC



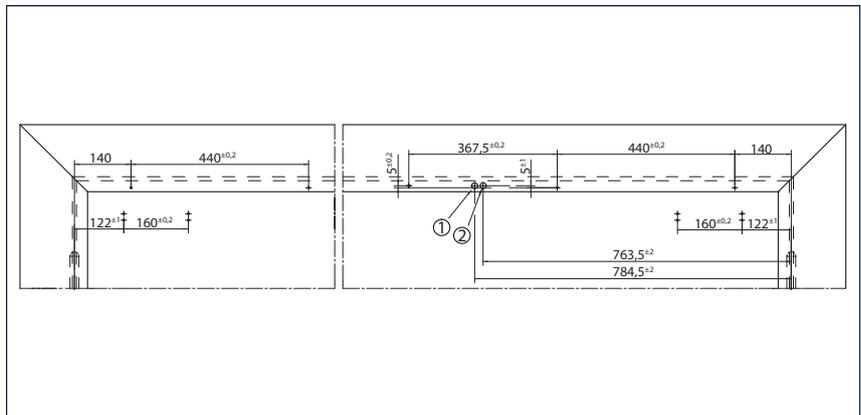
Fitting dimensions right-hand leaf = passive leaf, left-hand leaf = active leaf

1 = \varnothing 15 additional cable 2 = \varnothing 15 230 V AC

Installation with mounting plate

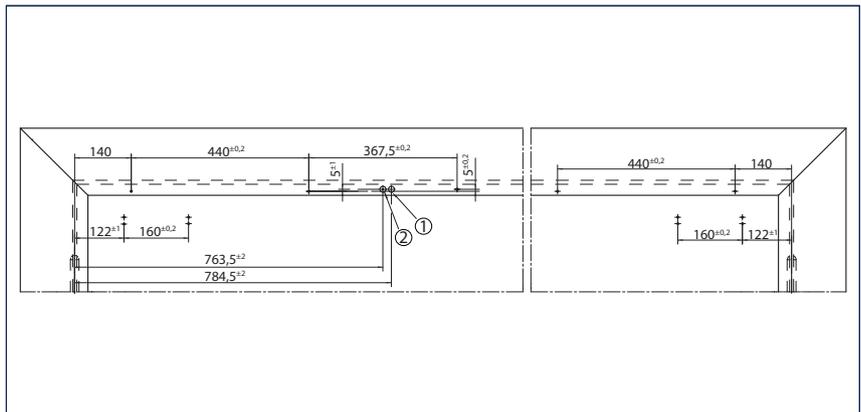


Cross-section = Installation with mounting plate



Fitting dimensions right-hand leaf = passive leaf, left-hand leaf = active leaf

1 = \varnothing 15 additional cable 2 = \varnothing 15 230 V AC

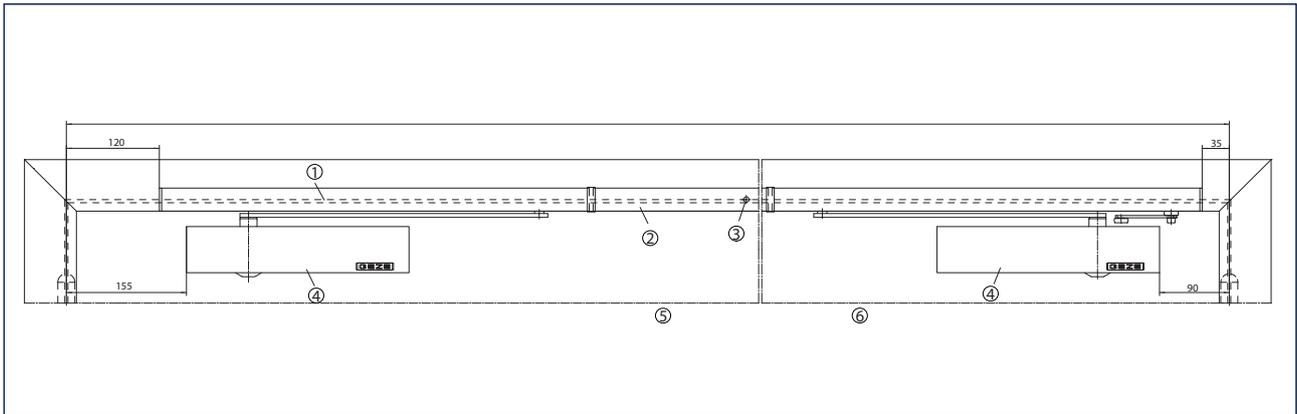


Fitting dimensions right-hand leaf = active leaf, left-hand leaf = passive leaf

1 = \varnothing 15 additional cable 2 = \varnothing 15 230 V AC

Door leaf installation/opposite hinge side TS 5000 L-R-ISM VP

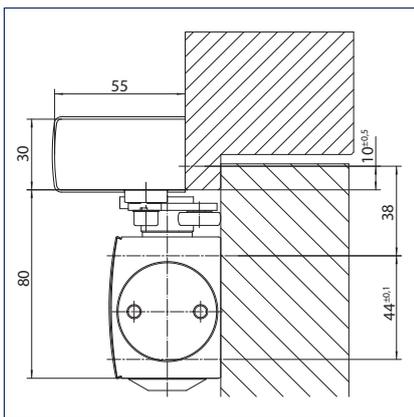
View



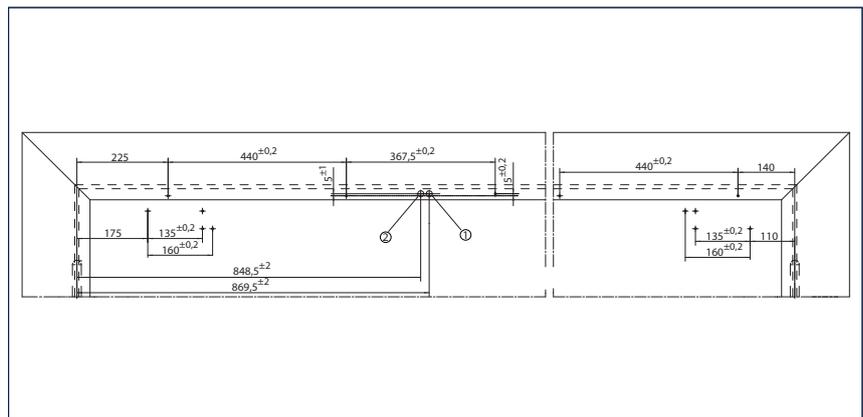
Example for installation

- 1 = R-ISM guide rail BG VP
- 2 = Middle section may be cut to size
- 3 = Smoke switch control unit
- 4 = TS 5000 L
- 5 = Active leaf
- 6 = Passive leaf

Direct installation

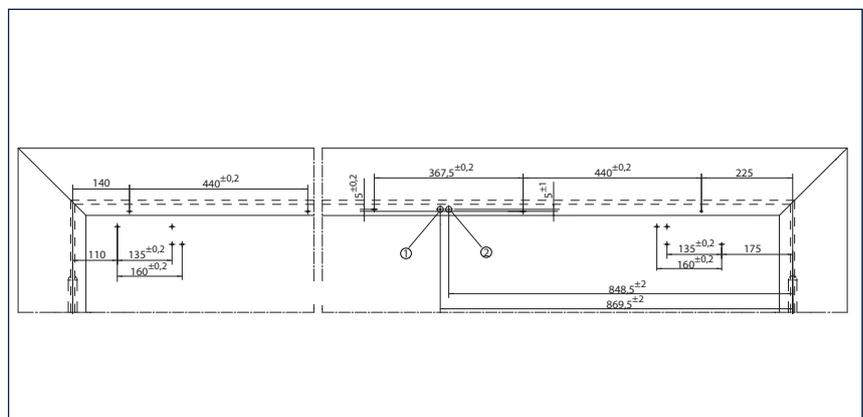


Cross-section = Direct installation



Fitting dimensions right-hand leaf = active leaf, left-hand leaf = passive leaf

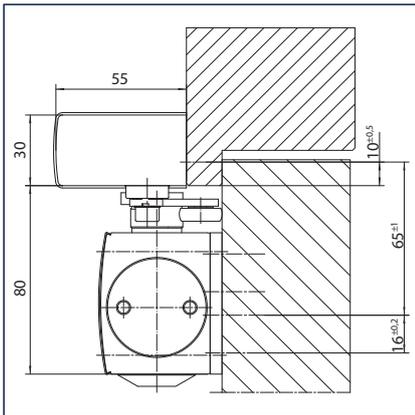
- 1 = ø 15 additional cable
- 2 = ø 15 230 V AC



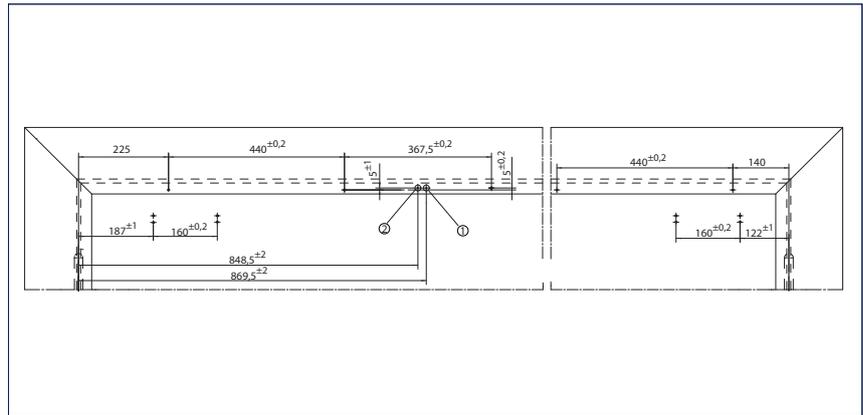
Fitting dimensions right-hand leaf = passive leaf, left-hand leaf = active leaf

- 1 = ø 15 additional cable
- 2 = ø 15 230 V AC

Installation with mounting plate

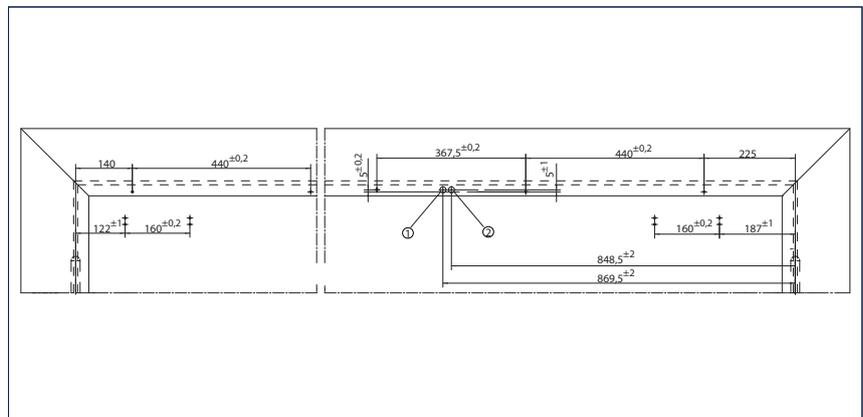


Cross-section = Installation with mounting plate



Fitting dimensions right-hand leaf = active leaf, left-hand leaf = passive leaf

- 1 = \varnothing 15 additional cable
- 2 = \varnothing 15 230 V AC



Fitting dimensions right-hand leaf = passive leaf, left-hand leaf = active leaf

- 1 = \varnothing 15 additional cable
- 2 = \varnothing 15 230 V AC

GEZE TS 5000 R-ISM - Order information

Description	Version	ID no.
GEZE TS 5000 ECLine closer Size EN 3-5, with back check (without guide rail and lever)	silver-coloured	143640
	white RAL 9016	143641
	Stainless steel slide plate	143642
	acc. to RAL ²⁾	143643
GEZE TS 5000 closer Size EN 2-6, with opening damping (without guide rail and lever)	silver-coloured	027333
	white RAL 9016	027335
	Stainless steel slide plate	137721
	acc. to RAL ²⁾	027336
R-ISM guide rail TS 5000 continuous, with integrated closing sequence control, electric hold-open device on both sides, smoke switch control unit and levers	silver-coloured	115614
	white RAL 9016	115616
	simulated stainless steel ¹⁾	115617
	acc. to RAL ²⁾	115618
R-ISM guide rail TS 5000 overlength continuous, overlength up to 3200 mm, with integrated closing sequence control, electric hold-open device on both sides, smoke switch control unit and levers	silver-coloured	115626
	acc. to RAL ²⁾	115627
R-ISM/G guide rail TS 5000 continuous, with integrated closing sequence control, electric hold-open device on the active leaf, smoke switch control unit and levers	silver-coloured	115619
	simulated stainless steel ¹⁾	115620
	acc. to RAL ²⁾	115621
R-ISM/S guide rail TS 5000 continuous, with integrated closing sequence control, electric hold-open device on the passive leaf, smoke switch control unit and levers	silver-coloured	160545
	simulated stainless steel ¹⁾	162089
	acc. to RAL ²⁾	160546
R-ISM/O-guide rail TS 5000 continuous, with integrated closing sequence control, smoke switch control unit and levers, without electric hold-open device	silver-coloured	160543
	simulated stainless steel ¹⁾	162090
	acc. to RAL ²⁾	160544
Set R-ISM guide rail TS 5000 ECwire continuous, with integrated closing sequence control, electric hold-open device on both sides, smoke switch control unit ECwire for straightforward wiring using 2-wire technology, incl. lever and 2 ceiling-mounted smoke detectors GC 162 (white)	silver-coloured	154996
	white RAL 9016	154997
	simulated stainless steel ¹⁾	154999
	acc. to RAL ²⁾	154998
GEZE TS 5000 L closer Size EN 2-6, with opening damping (without guide rail and lever)	silver-coloured	027351
	white RAL 9016	029400
	Stainless steel slide plate	137723
	acc. to RAL ²⁾	027352
GEZE TS 5000 L ECLine closer Size EN 3-5, with back check (without guide rail and lever)	silver-coloured	143648
	white RAL 9016	143649
	Stainless steel slide plate	143650
	acc. to RAL ²⁾	143651
R-ISM guide rail BG TS 5000 continuous, with integrated closing sequence control, electric hold-open device on both sides, smoke switch control unit and levers	silver-coloured	115622
	white RAL 9016	115623
	simulated stainless steel ¹⁾	115624
	acc. to RAL ²⁾	115625
Set R-ISM guide rail BG TS 5000 ECwire continuous, with integrated closing sequence control, electric hold-open device on both sides, smoke switch control unit ECwire for straightforward wiring using 2-wire technology, incl. lever and 2 ceiling-mounted smoke detectors GC 162 (white)	silver-coloured	155004
	white RAL 9016	155005
	simulated stainless steel ¹⁾	155007
	acc. to RAL ²⁾	155006

Description	Version	ID no.
R-ISM guide rail BG VP TS 5000 continuous, with integrated closing sequence control, electric hold-open device on both sides and levers, smoke switch control unit and levers, especially for full panic doors. Note: maximum X dimension (centre of hinge contact area of guide rail) 100 mm including mounting plate	silver-coloured	133711
	white RAL 9016	133712
	simulated stainless steel ¹⁾	133713
	acc. to RAL ²⁾	133714
Installation materials		
Guide rail mounting plate for R-ISM guide rail	silver-coloured	118690
	acc. to RAL ²⁾	118701
Mounting plate door closer for TS 5000/TS 4000 with hole pattern in accordance with DIN EN 1154 Supplement 1	silver-coloured	049185
	white RAL 9016	068627
	galvanised	057956
	simulated stainless steel ¹⁾	137725
	acc. to RAL ²⁾	029176
Mounting plate guide rail BG for ISM / E-ISM / R-ISM guide rail BG & VP versions	silver-coloured	118704
	acc. to RAL ²⁾	118705
Lintel casing bracket guide rail BG for ISM / E-ISM / R-ISM guide rail BG	silver-coloured	118706
	acc. to RAL ²⁾	118707
Lintel casing bracket guide rail BG for ISM / E-ISM / R-ISM guide rail VP	silver-coloured	134816
	acc. to RAL ²⁾	134817
Accessories		
Door closer cover cap for TS 5000/TS 5000 L/TS 4000, can only be used for door leaf installation	silver-coloured	067724
	white RAL 9016	067726
	Stainless steel	072696
	brass	072698
	acc. to RAL ²⁾	000756
GEZE flexible opening restrictor for guide rail 1-leaf: TS 5000 E/R/RFS (leaf installation), Boxer E; 2-leaf: all E/R-ISM variants TS 5000 and Boxer		145311
GEZE CB flex for use on all 2-leaf rebated doors. Stepless, concealed length adjustment up to 210 mm leaf projection, hinged mechanism not visible, profile can be shortened if required, with attachment material	silver-coloured	153602
	acc. to RAL ²⁾	153728
GEZE smoke detector GC 152 Complete with base, 24 V DC, 20 mA, tested in accordance with EN54-7, with general approval for use with all GEZE hold-open systems, integrated line monitoring, in accordance with DIN EN 14637	white	139850
GEZE thermal detector GC 153 Complete with base, 24 V DC, 20 mA, tested in accordance with EN54-5, with general approval for use with all GEZE hold-open systems, integrated line monitoring, in accordance with DIN EN 14637	white	139881
GEZE manual trigger switch AS 500 for the manual release of electrically controlled hold-open devices including terminating resistance for line monitoring	alpine white/red	116266
GEZE manual trigger switch AS 500 (with glass pane and 5 interchangeable labels) for the manual release of electrically controlled hold-open devices	alpine white/red	120880
Surface-mounted box, single Matching the AS 500 switch range	alpine white	120503
Replacement glass pane for GEZE manual trigger switch 120880 and 120881		010994
GEZE door hold-open magnet, 24 V DC - 490 N retention force, approved for use with all GEZE smoke switch control units. Wall installation surface-mounted or floor mounting with accessories base		155569
GEZE door hold-open magnet, 24 V DC - 490 N retention force, approved for use with all GEZE smoke switch control units. Wall installation flush-mounted		155567
GEZE door hold-open magnet, 24 V DC - 490 N retention force, approved for use with all GEZE smoke switch control units. Wall installation with base 65 mm		155573
GEZE magnetic counter plate for GEZE hold-open magnets Version with adjustable joint		115956

1) Only for dry rooms

2) Surcharge for RAL special colours, see General Information in the Price List.

GEZE TS 5000 ISM/E-ISM/R-ISM with free swing function

Guide rail door closer system for 2-leaf doors of up to 2800 mm hinge clearance with integrated closing sequence control and free swing function on the active leaf

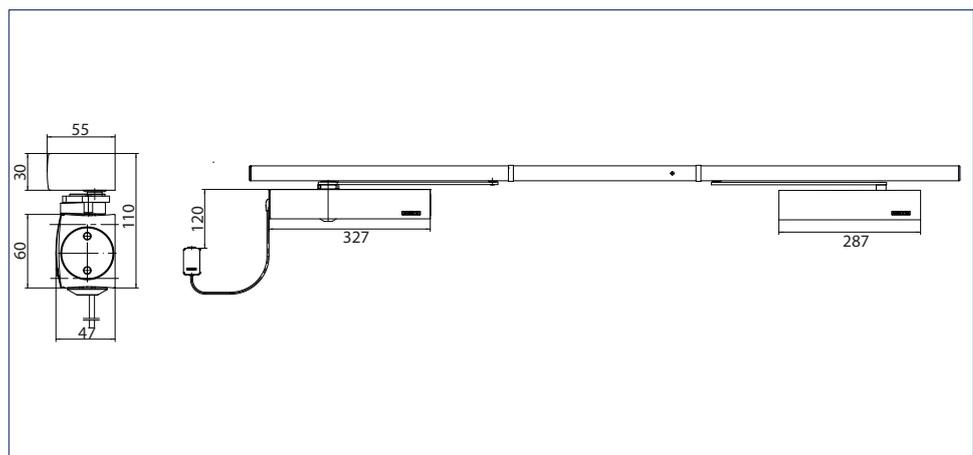
The overhead door closer systems TS 5000 ISM / E-ISM / R-ISM for 2-leaf doors with integrated, invisible closing sequence control are approved for installation on fire and smoke protection doors. The GEZE system solution comprises two overhead door closers with adjustable closing force in accordance with EN 1154, combined with ISM / E-ISM or R-ISM guide rail with integrated mechanical closing sequence control tested in accordance with EN 1158. The variant R-ISM includes a smoke switch control unit with clogging indicator and adaption of the alarm threshold. For the free swing function, a TS 5000 EHy 3-6 is used on the active leaf. A general official building approval is available as a hold-open system with smoke switch control unit.

The TS 5000 EHy 3-6 offers double functionality: In addition to the tried-and-trusted GEZE „free swing“ advantage, it also has a unique comfort hold-open function which allows the door to be held open slightly at the end of the free swing area. This prevents unintentional closing due to a draught, for example. This has no effect whatsoever on the fire protection function, when the system is triggered the door always closes safely.

Note: According to the general official building approval from DIBt, the use of an interruption button for free swing door closers is mandatory in Germany.



GEZE TS 5000 ISM
GEZE TS 5000 E-ISM/S
GEZE TS 5000 R-ISM/S
GEZE TS 5000 R-ISM/O



Area of application

- For 2-leaf doors, leaf width of up to 1400 mm
- Min. hinge clearance = 1300 mm Max. hinge clearance = 2800 mm
- Symmetrical and asymmetrical division of door possible, minimum widths of the active leaf = 875 mm, passive leaf = 400 mm, maximum door width of the active leaf = 1400 mm
- For fire protection doors
- Can be used for right and left hung doors without conversion

GEZE TS 3000 V / SYSTEM TS 5000

Closer technical data

Product features	GEZE TS 5000 ECLine / TS 5000 L ECLine	GEZE TS 5000 / TS 5000 L	GEZE TS 5000 EHy
Closing force in accordance with EN 1154	3 - 5	2 - 6	3 - 6
Recommended leaf width up to	1250 mm	1400 mm	1400 mm
Same version for DIN left and DIN right	•	•	•
Product tested in accordance with	Door closer tested in accordance with EN 1154		
Suitability for fire protection doors	•	•	•
Mounting plate with hole pattern in accordance with EN1154 supplement	•	•	•
Length	287 mm	287 mm	327 mm
Overall depth	47 mm	47 mm	46 mm
Height	60 mm	60 mm	60 mm
Functions			
Free swing function			•
Free swing area			85 ° - 170 °
Adjustable closing force	Yes, stepless		
Adjustable closing speed	•	•	•
Adjustable latching action	Yes, via valve		
Integrated back check	Yes, hydraulically adjustable		
Position of closing force adjustment	Front		
Visual closing force display	•	•	•
Safety valve against wilful damage	•	•	•
Thermo-control valves	•	•	•

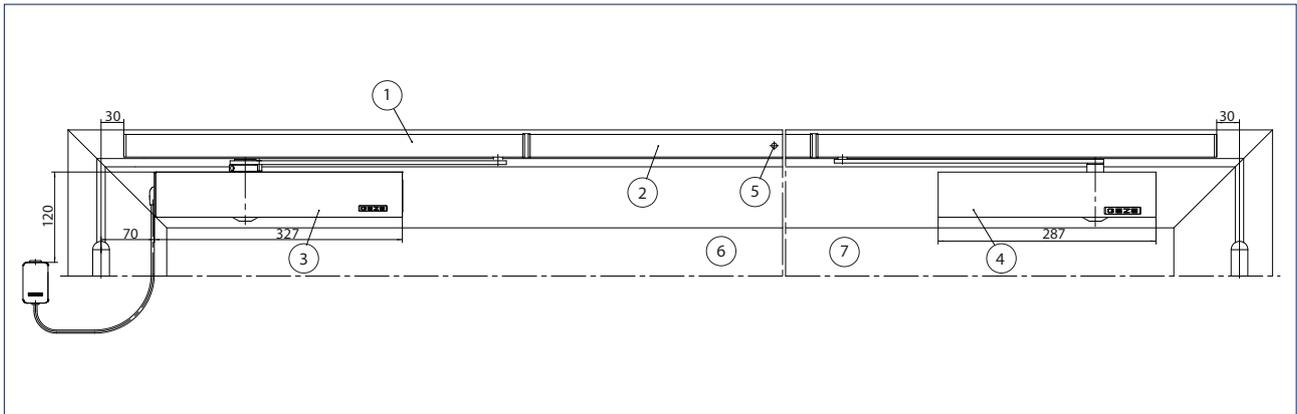
Guide rail technical data

Product features	ISM TS 5000	E-ISM/S TS 5000	R-ISM/S TS 5000 R-ISM/O TS 5000
Minimum hinge clearance	1300 mm	1300 mm	1500 mm
Minimum passive leaf width	400 mm	400 mm	400 mm
Supply voltage	24 V DC	24 V DC	230 V 50 Hz
Duty rating	100 %		
Enclosure rating	-	IP 43	IP 20
Ambient temperature	0 - 50 °C		
Product tested in accordance with	Tested in accordance with EN 1158	Tested in accordance with EN 1155 and EN 1158	Tested in accordance with EN 1155 and EN 1158
Length	2630 mm	2630 mm	2740 mm
Overall depth	40 mm	40 mm	55 mm
Height	30 mm		
Functions			
Free swing function on active leaf	○	○	○
Free swing area	85 ° - 170 °	85 ° - 170 °	85 ° - 170 °
Integrated closing sequence control	•	•	•
Integrated hold-open device	Electrical		
Hold-open device on the active leaf / passive leaf	- / -	- / •	- / ○
Hold-open device can be overridden	-	•	•
Hold-open angle	-	80 ° - 130 °	80 ° - 130 °
Integrated smoke switch	-	-	•
with visual operating state display	-	-	•
with clogging indicator	-	-	•
with adaption of the alarm threshold	-	-	•
Integrated power supply	-	-	•
Height correction possible	•	•	•
Flexible opening restrictor	○	○	○

• = YES
○ = OPTIONAL

Door leaf installation/hinge side TS 5000 ISM / E-ISM / R-ISM with free swing function

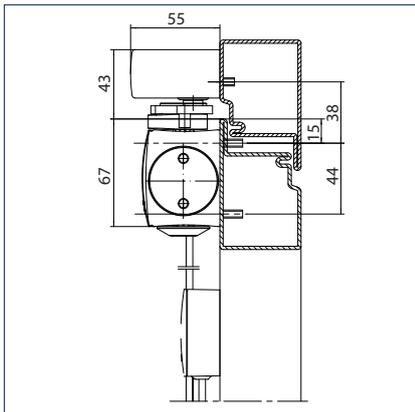
View



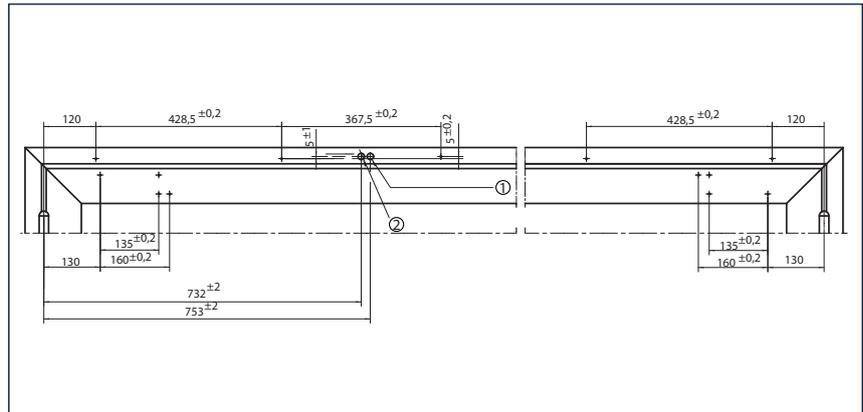
Installation example

- 1 = ISM / E-ISM / R-ISM guide rail
- 2 = Middle section may be cut to size
- 3 = TS 5000 EHy
- 4 = TS 5000
- 5 = Smoke switch control unit
- 6 = Active leaf
- 7 = Passive leaf

Direct installation

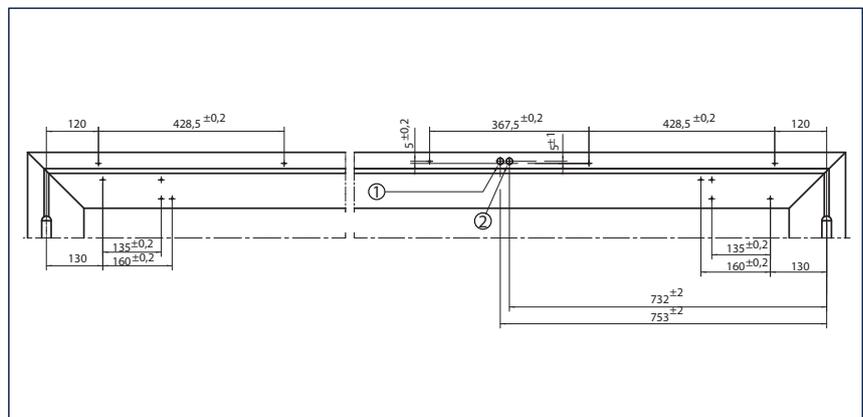


Cross-section = direct installation



Fitting dimensions left-hand leaf = active leaf, right-hand leaf = passive leaf

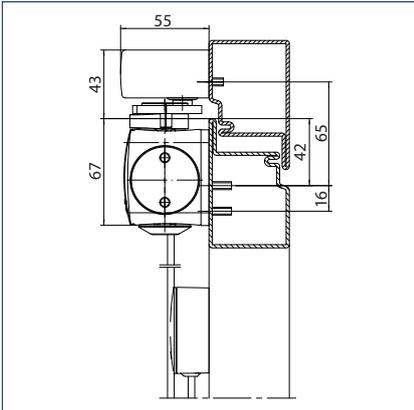
- 1 = \varnothing 15 additional cable (E-ISM / R-ISM)
- 2 = \varnothing 15 230 V AC (R-ISM)



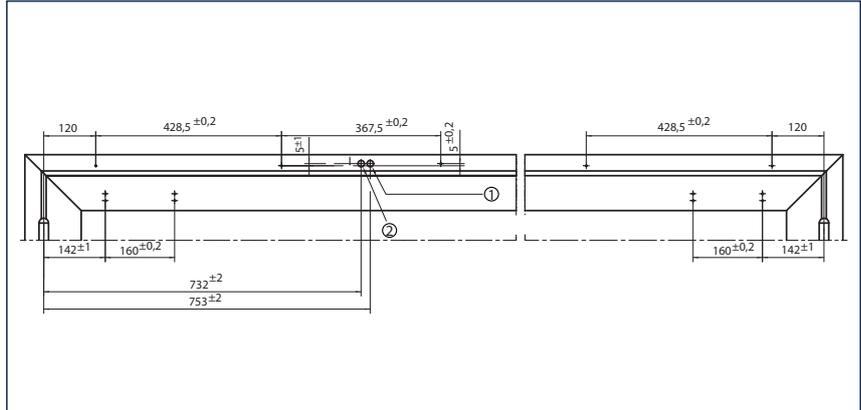
Fitting dimensions right-hand leaf = active leaf, left-hand leaf = passive leaf

- 1 = \varnothing 15 additional cable (E-ISM / R-ISM)
- 2 = \varnothing 15 230 V AC (R-ISM)

Installation with mounting plate

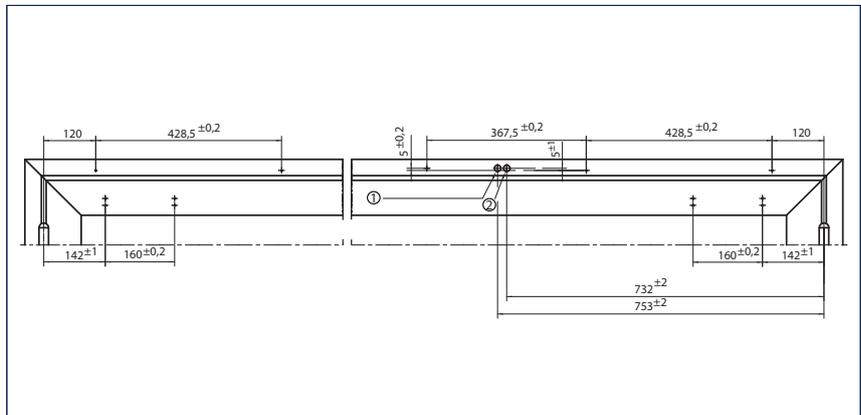


Cross-section = installation with mounting plate



Fitting dimensions left-hand leaf = active leaf, right-hand leaf = passive leaf

- 1 = \varnothing 15 additional cable (E-ISM / R-ISM)
- 2 = \varnothing 15 230 V AC (R-ISM)



Fitting dimensions right-hand leaf = active leaf, left-hand leaf = passive leaf

- 1 = \varnothing 15 additional cable (E-ISM / R-ISM)
- 2 = \varnothing 15 230 V AC (R-ISM)

GEZE TS 5000 ISM/E-ISM/R-ISM with free swing function - Order information

Description	Version	ID no.
GEZE TS 5000 ECLine closer Size EN 3-5, with back check (without guide rail and lever)	silver-coloured	143640
	white RAL 9016	143641
	Stainless steel slide plate	143642
	acc. to RAL ²⁾	143643
GEZE TS 5000 closer Size EN 2-6, with opening damping (without guide rail and lever)	silver-coloured	027333
	white RAL 9016	027335
	Stainless steel slide plate	137721
	acc. to RAL ²⁾	027336
GEZE TS 5000 E-HY closer Size EN 2-5, door leaf installation on the hinge side, with electric hold-open device for free swing function (without guide rail and lever)	silver-coloured	155475
	white RAL 9016	160328
	simulated stainless steel ¹⁾	162082
	acc. to RAL ²⁾	155476
ISM guide rail TS 5000 continuous, with integrated closing sequence control and levers	silver-coloured	115549
	white RAL 9016	115591
	simulated stainless steel ¹⁾	115592
	acc. to RAL ²⁾	115593
E-ISM/S guide rail TS 5000 continuous, with integrated closing sequence control, electric hold-open device on the passive leaf and levers	silver-coloured	160547
	simulated stainless steel ¹⁾	162088
	acc. to RAL ²⁾	160548
R-ISM/S guide rail TS 5000 continuous, with integrated closing sequence control, electric hold-open device on the passive leaf, smoke switch control unit and levers	silver-coloured	160545
	simulated stainless steel ¹⁾	162089
	acc. to RAL ²⁾	160546
R-ISM/O-guide rail TS 5000 continuous, with integrated closing sequence control, smoke switch control unit and levers, without electric hold-open device	silver-coloured	160543
	simulated stainless steel ¹⁾	162090
	acc. to RAL ²⁾	160544
Installation materials		
Guide rail mounting plate for ISM / E-ISM guide rail	silver-coloured	118702
	acc. to RAL ²⁾	118703
Guide rail mounting plate for R-ISM guide rail	silver-coloured	118690
	acc. to RAL ²⁾	118701
Mounting plate door closer for TS 5000 EFS/RFS/E-HY/TS 4000 E with hole pattern in accordance with DIN EN 1154 Supplement 1	silver-coloured	059107
	acc. to RAL ²⁾	100044
Mounting plate door closer for TS 5000/TS 4000 with hole pattern in accordance with DIN EN 1154 Supplement 1	silver-coloured	049185
	white RAL 9016	068627
	galvanised	057956
	simulated stainless steel ¹⁾	137725
	acc. to RAL ²⁾	029176

Description	Version	ID no.
Accessories		
GEZE flexible opening restrictor for guide rail 1-leaf: TS 5000 E/R/RFS (leaf installation), Boxer E; 2-leaf: all E-/R-ISM variants TS 5000 and Boxer		145311
GEZE CB flex for use on all 2-leaf rebated doors. Stepless, concealed length adjustment up to 210 mm leaf projection, hinged mechanism not visible, profile can be shortened if required, with attach- ment material	silver-coloured	153602
	acc. to RAL ²⁾	153728
	silver-coloured	099851
	white RAL 9016	099858
GEZE smoke switch control unit RSZ 6 Smoke switch and power supply for all GEZE hold-open devices	simulated stainless steel ¹⁾	099856
	acc. to RAL ²⁾	099859
GEZE smoke detector GC 152 Complete with base, 24 V DC, 20 mA, tested in accordance with EN54-7, with general approval for use with all GEZE hold-open systems, integrated line monitoring, in accordance with DIN EN 14637	white	139850
GEZE thermal detector GC 153 Complete with base, 24 V DC, 20 mA, tested in accordance with EN54-5, with general approval for use with all GEZE hold-open systems, integrated line monitoring, in accordance with DIN EN 14637	white	139881
GEZE manual trigger switch AS 500 for the manual release of electrically controlled hold-open devices including terminating resistance for line monitoring	alpine white/red	116266
GEZE manual trigger switch AS 500 (with glass pane and 5 interchangeable labels) for the manual release of electrically controlled hold-open devices	alpine white/red	120880
GEZE door hold-open magnet, 24 V DC - 490 N retention force, approved for use with all GEZE smoke switch control units Wall installation surface-mounted or floor mounting with accessories base		155569
GEZE door hold-open magnet, 24 V DC - 490 N retention force, approved for use with all GEZE smoke switch control units Wall installation flush-mounted		155567
GEZE door hold-open magnet, 24 V DC - 490 N retention force, approved for use with all GEZE smoke switch control units Wall installation with base 65 mm		155573
GEZE magnetic counter plate for GEZE hold-open magnets Version with adjustable joint		115956

1) Only for dry rooms

2) Surcharge for RAL special colours, see General Information in the Price List.

GEZE T-Stop guide rail

Opening restrictor for doors

The GEZE T-Stop guide rail allows doors to be fitted without any door stops getting in the way.* The entrance looks nicer because the “tripping hazards” and dirt traps caused by door buffers fitted to the floor are a thing of the past. This means the danger of crushing between the door leaf and the floor buffer e.g. in nurseries or schools has been banished.

The T-Stop guide rail has been designed for the overhead door closers GEZE TS 5000, TS 5000 L and TS 3000 V. The GEZE T-Stop guide rail has been made of specially reinforced aluminium profile with an integrated limiting mechanism. The limit position can be stepless set, the rail is installed using the same hole pattern as for the standard guide rail. Retrofitting to door closers already in use is no problem at all – all you have to do is replace the guide rail and the lever. In the case of heavy doors and doors under wind load, the possibilities must be clarified in advance. The T-Stop guide rail can also be fitted with a mechanical latching device as an option, making the doors easy to fix in an open position.

A supported GEZE pivot bearing can also be used in place of the door closer. The opening angle of the door is restricted by the T-Stop guide rail. The self-closing characteristic no longer applies in this case.

*An additional door stopper must be used in certain cases (see diagram)

T-Stop guide rail TS 5000/TS 3000



Application range

- For right and left hung doors for leaf installation on the hinge and opposite hinge side (no transom installation possible!)

GEZE T-Stop guide rail with pivot bearing

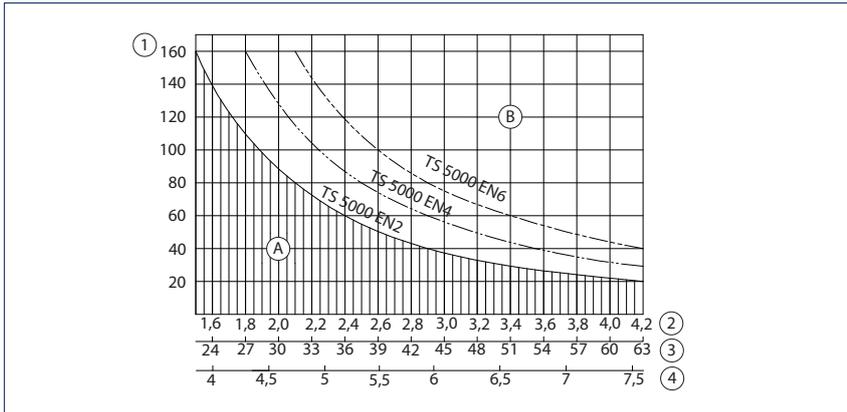


Application range

- Opening restrictor for single-action doors without door closer
- Can be used for right and left hung doors without conversion
- See mounting installations for further details concerning the use

GEZE TS 3000 V / SYSTEM TS 5000

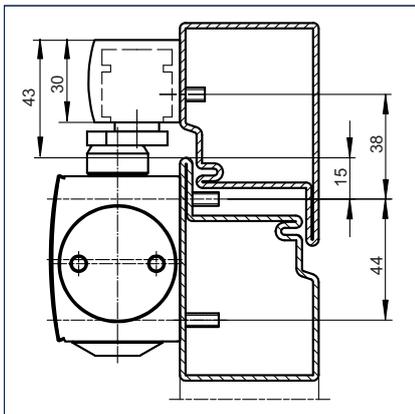
When does a door stopper have to be used?



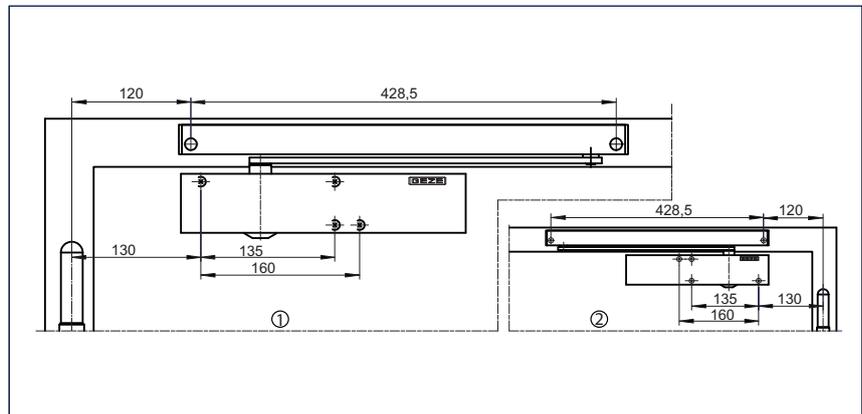
Door dimensions: 1.00 x 2.20 m

- 1 = Door weight kg
- 2 = Opening speed (m/s)
- 3 = Wind speed (km/h)
- 4 = Wind force (Bft)
- A = Installation without door stopper
- B = Installation with door stopper

TS 5000 direct installation door leaf installation/hinge side with T-Stop guide rail

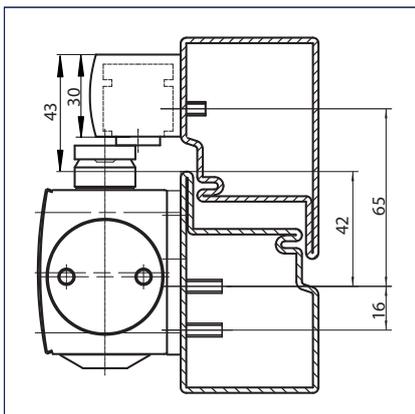


Cross-section = Direct installation

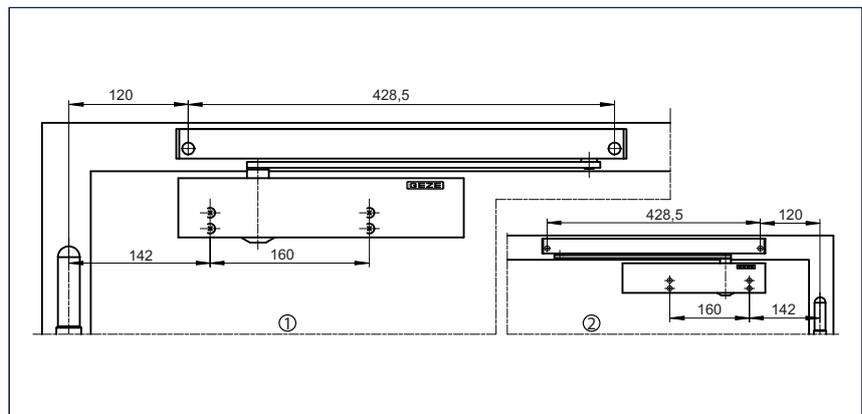


- 1 = Fitting dimensions DIN left
- 2 = DIN right

TS 5000 installation with mounting plate door leaf installation/hinge side with T-Stop guide rail

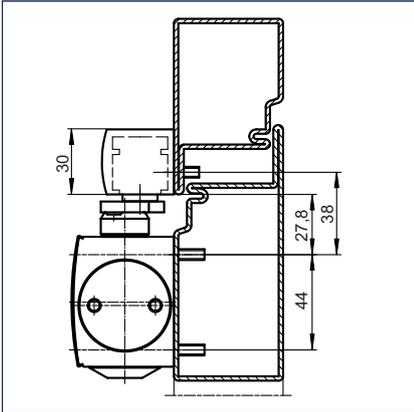


Cross-section = Installation with mounting plate

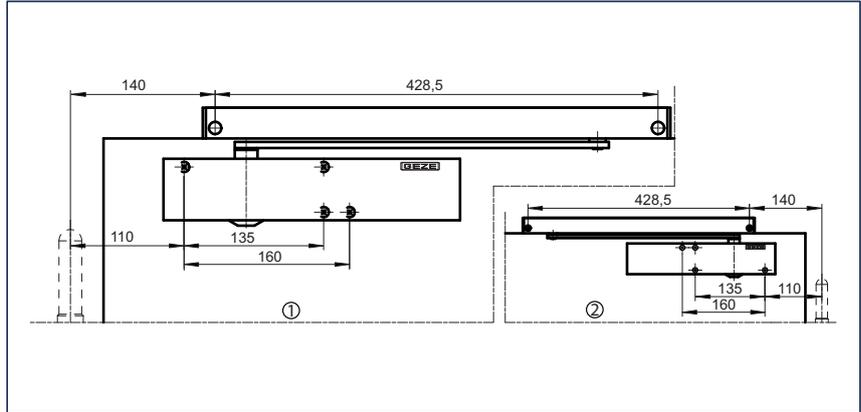


- 1 = Fitting dimensions DIN left
- 2 = DIN right

TS 5000 L direct installation door leaf installation/opposite hinge side with T-Stop guide rail BG

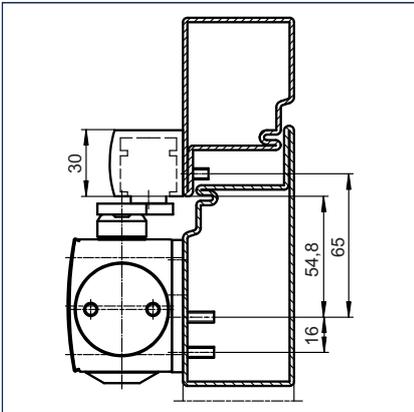


Cross-section = Direct installation

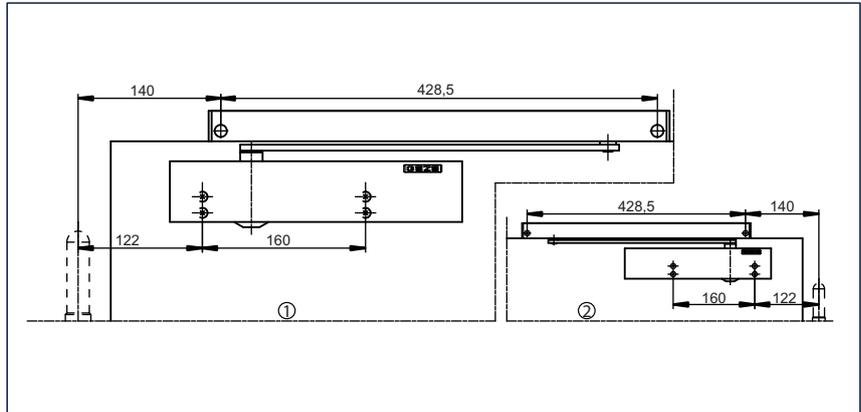


- 1 = Fitting dimensions DIN right
- 2 = DIN left

TS 5000 L installation with mounting plate door leaf installation/opposite hinge side with T-Stop guide rail BG

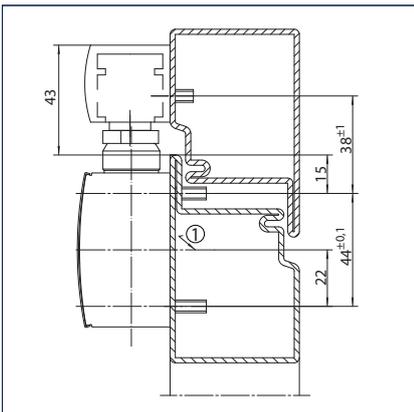


Cross-section = Installation with mounting plate



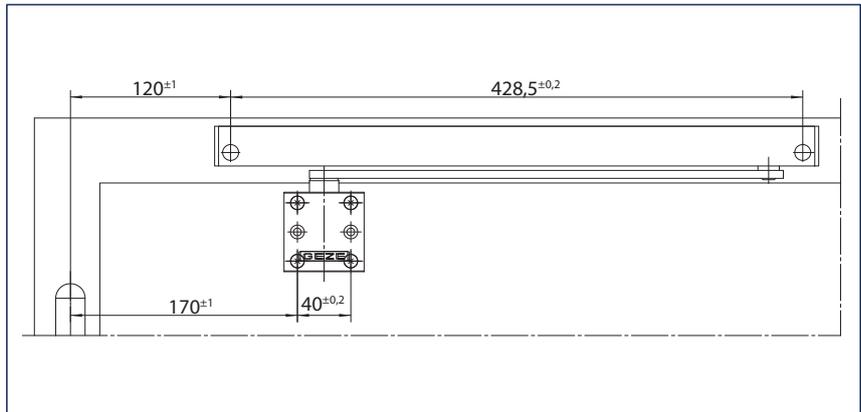
- 1 = Fitting dimensions DIN right
- 2 = DIN left

Door leaf installation/hinge side T-Stop guide rail with pivot bearing

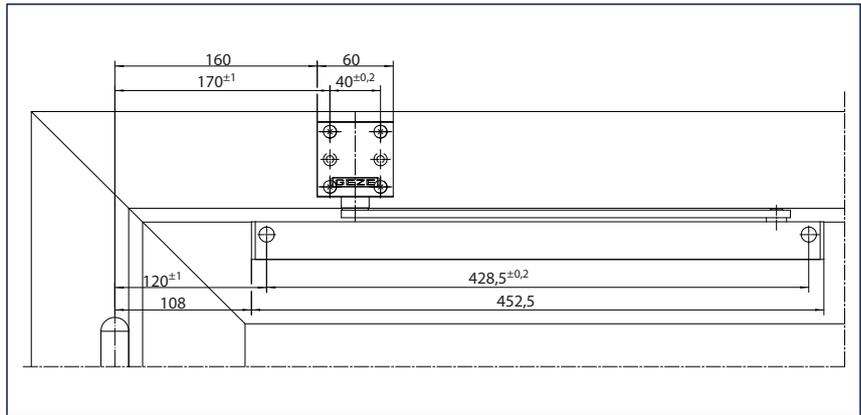
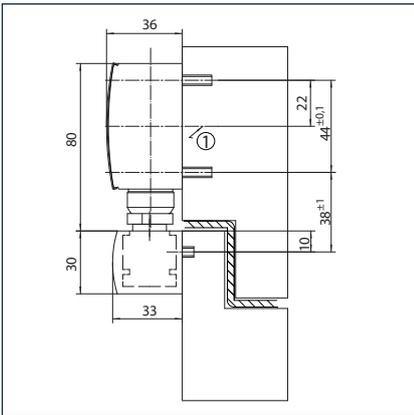


Cross-section = Direct installation

- 1 = optionally



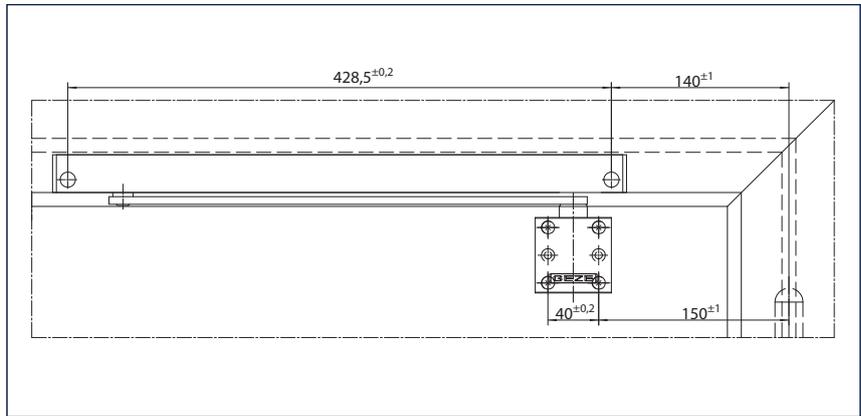
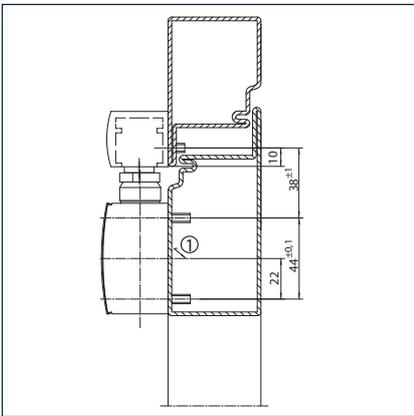
Transom installation/hinge side T-Stop guide rail with pivot bearing



Cross-section = Direct installation

1 = optionally

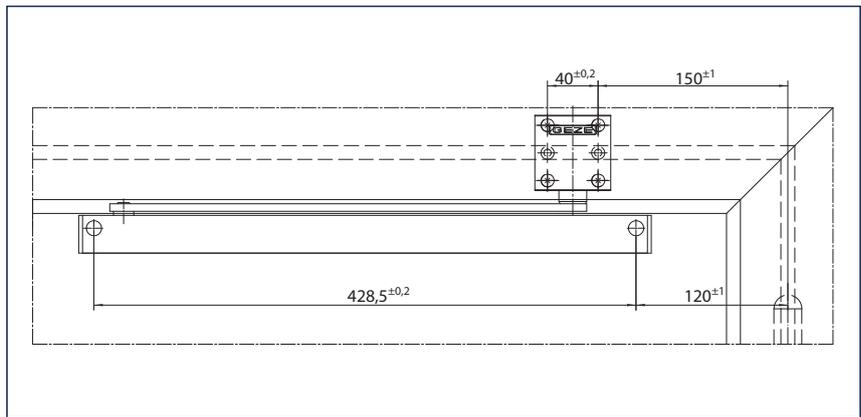
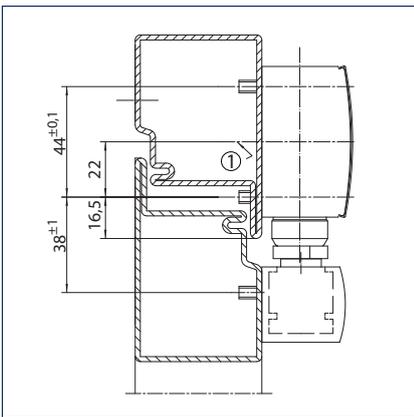
Door leaf installation/opposite hinge side T-Stop guide rail BG with pivot bearing



Cross-section = Direct installation

1 = optionally

Transom installation/opposite hinge side T-Stop guide rail BG with pivot bearing



Cross-section = Direct installation

1 = optionally

GEZE T-Stop guide rail with pivot bearing - Order information

Description	Version	ID no.
T-Stop guide rail TS 5000/TS 3000 with integrated opening restrictor and lever	silver-coloured	102363
	white RAL 9016	108481
	simulated stainless steel ¹⁾	102364
	acc. to RAL ²⁾	102365
T-Stop guide rail BG TS 5000/TS 3000 with integrated opening restrictor and lever, use with closer on leaf installation on the opposite hinge side or with pivot bearing in leaf and transom installation opposite hinge side	silver-coloured	102366
	white RAL 9016	108482
	simulated stainless steel ¹⁾	102367
	acc. to RAL ²⁾	102368
Pivot bearing for T-Stop guide rail fitting from top	silver-coloured	112688
	white RAL 9016	112689
	acc. to RAL ²⁾	112690
Installation materials		
Mounting plate guide rail BG for standard / ECLine / T-Stop / EFS guide rail	silver-coloured	124683
	acc. to RAL ²⁾	124684
Guide rail mounting plate for standard / ECLine / T-Stop / EFS guide rail	silver-coloured	001512
	white RAL 9016	129252
	acc. to RAL	104515
Lintel casing bracket guide rail BG for ECLine and T-Stop guide rail	silver-coloured	115006
	acc. to RAL	115007

¹⁾ Only for dry rooms

²⁾ Surcharge for RAL special colours, see General Information in the Price List.



TS 5000 with T-Stop guide rail, Administration of the Catholic Church, Stuttgart, Germany (Photo: Dirk Wilhelmy)

GEZE smoke switch control unit RSZ 6 / RSZ 6 ECwire

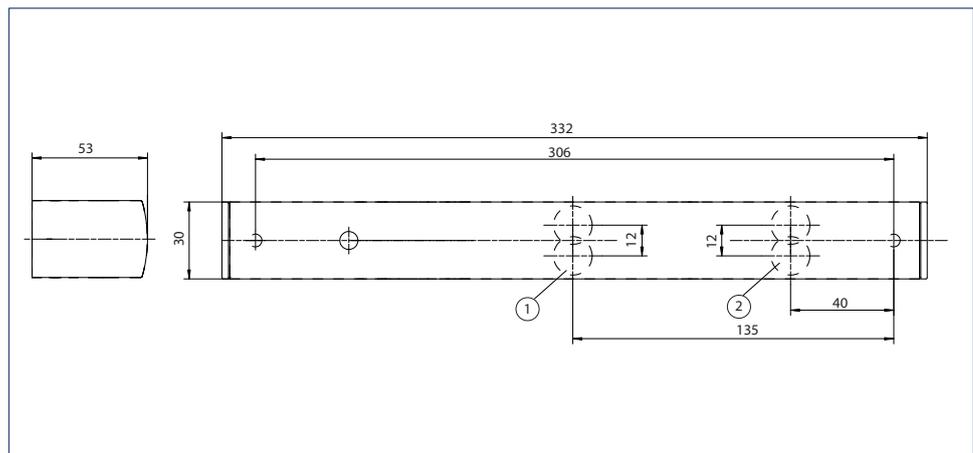
Smoke switch and power supply for all GEZE hold-open devices

The GEZE smoke switch control unit RSZ 6 in the typical GEZE design has an overall height of 30 mm. It is connected to the 230 V power supply system and supplies the connected hold-open devices reliably with 24 V DC voltage (max. 200 mA).

The smoke switch control unit is mounted on the vertical wall above the door opening, thus making the early detection of fire and smoke possible (please keep at least 10 mm clear of the ceiling). If an alarm is triggered, the voltage supply to the hold-open devices (e.g. electrical hold-open device in the guide rail or hold-open magnet) is interrupted and the doors close immediately. The connection of two additional ceiling-mounted detectors may be necessary depending on requirements. The integrated smoke switch has an automatic adaptation of the alarm threshold. This compensates light soiling of the smoke chamber and increases service life. The current state of the smoke switch is shown by an optical signal.



GEZE smoke switch control unit RSZ 6



- 1 = Additional connections
- 2 = Power supply UP 230 V AC

Application range

- Approved for use with all GEZE hold-open devices

GEZE smoke switch control unit RSZ 6 - Order information

Description	Version	ID no.
GEZE smoke switch control unit RSZ 6 Smoke switch and power supply for all GEZE hold-open devices	silver-coloured	099851
	white RAL 9016	099858
	simulated stainless steel ¹⁾	099856
	acc. to RAL ²⁾	099859
Set smoke switch control unit RSZ 6 ECwire for straightforward wiring with 2-wire technology incl. 2 ceiling-mounted smoke detectors GC 162 (white)	silver-coloured	154976
	white RAL 9016	154979
	simulated stainless steel ¹⁾	154991
	acc. to RAL ²⁾	154980
Accessories		
GEZE smoke detector GC 152 Complete with base, 24 V DC, 20 mA, tested in accordance with EN54-7, with general approval for use with all GEZE hold-open systems, integrated line monitoring, in accordance with DIN EN 14637	white	139850
GEZE thermal detector GC 153 Complete with base, 24 V DC, 20 mA, tested in accordance with EN54-5, with general approval for use with all GEZE hold-open systems, integrated line monitoring, in accordance with DIN EN 14637	white	139881
GEZE manual trigger switch AS 500 for the manual release of electrically controlled hold-open devices including terminating resistance for line monitoring	alpine white/red	116266
GEZE manual trigger switch AS 500 (with glass pane and 5 interchangeable labels) for the manual release of electrically controlled hold-open devices	alpine white/red	120880
Surface-mounted box, single Matching the AS 500 switch range	alpine white	120503
Replacement glass pane for GEZE manual trigger switch 120880 and 120881		010994

¹⁾ Only for dry rooms

²⁾ Surcharge for RAL special colours, see General Information in the Price List.



HafenCity University Hamburg, Germany (Photo: S. Dauth)

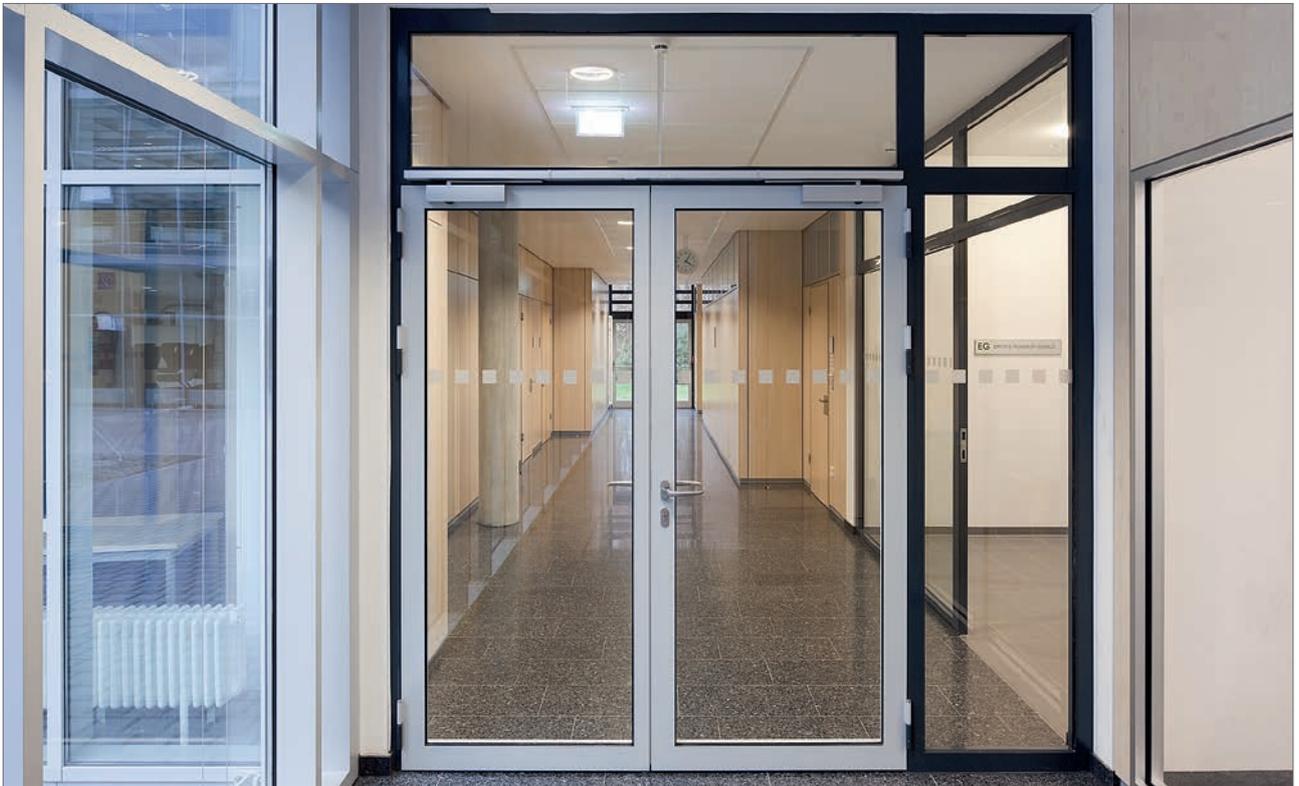
GEZE References



BMW Welt, Munich, Germany (Photo: Robert Sprang)



Textile and Industry Museum, Augsburg, Germany (Photo: Dirk Wilhelmy)



Vocational school, Friedrichshafen, Germany (Photo: Dirk Wilhelmy)



Augustinum retirement home, Stuttgart, Germany (Photo: Dirk Wilhelmy)

POTENTIAL APPLICATIONS OF GEZE PRODUCTS

You will find more product information in the relevant brochures, see ID numbers.

Door technology	
01	Overhead door closers ID 091593, ID 091594
02	Hold-open systems ID 091593, ID 091594
03	Integrated door closers ID 091609
04	Floor springs and all-glass fittings ID 091607
05	Sliding fitting systems and linear guides ID 123605, ID 000586
Automatic door systems	
06	Swing doors ID 144785
07	Sliding, telescopic and folding doors ID 143639
08	Curved sliding doors ID 135772
09	Revolving doors ID 132050
10	Activation devices and sensors ID 142655
Smoke and heat extraction and window technology	
11	Fanlight opening systems ID 127787
12	Electric opening and locking systems ID 127785, ID 127789
13	Electrical spindle and linear drives ID 127785, ID 127789
14	Electric chain drives ID 127785, ID 127789
15	Smoke and heat extraction systems ID 127785, ID 139075
Safety technology	
16	Emergency exit systems ID 132408
17	Access control systems ID 132158
18	Panic locks ID 132848
19	Electric strikes ID 148666
20	Building management system ID 132408
Glass systems	
21	Manual sliding wall systems (MSW) ID 104377
22	Integrated all-glass systems (IGG) ID 104366



POTENTIAL APPLICATIONS OF GEZE PRODUCTS



Door technology

The functionality, superior performance and reliability of GEZE door closers are impressive. A common design across the range, the ability to use them on all common door leaf widths and weights, and the fact that they can be individually adjusted makes their selection simple. They are continually being improved and enhanced with up-to-date features. For example, the requirements of fire protection and accessibility are fulfilled with a door closer system.

Automatic door systems

GEZE automatic door systems open up a huge variety of options in door design. The latest, innovative high-performance drive technology, safety, ease of accessibility and first class universal drive design set them apart. GEZE offers complete solutions for individual requirements.

Smoke and heat extraction and window technology

GEZE smoke and heat extraction systems and ventilation technology provide complete systems solutions combining the many requirements of different types of windows. We supply a full range from energy efficient drive systems to natural ventilation and complete solutions for supplying and extracting air, also as certified SHEVs.

Safety technology

GEZE safety technology sets the standards where preventative fire protection, access control and anti-theft security in emergency exits are concerned. For each of these objectives GEZE offers tailored solutions, which combine the individual safety requirements in one intelligent system and close doors and windows in case of danger in a coordinated manner.

Building systems

In GEZE's Building Management System GEZE door, window and safety products can be integrated in to the security and control systems of the building. A central control and visualisation system monitors various automation components in the building and offers security through many different networking capabilities.

Glass systems

GEZE glass systems stand for open and transparent interior design. They can either blend discreetly into the architecture of the building or stand out as an accentuated feature. GEZE offers a wide variety of technologies for functional, reliable and aesthetic sliding wall or sliding door systems providing security with lots of design scope.

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