



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



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GEZE TS 3000 V / SYSTEM TS 5000

Overview - GEZE System TS 5000

For 1-leaf doors

	TS 1500 G	TS 3000 V	TS 5000 ECline	TS 5000 ECline L	TS 5000	TS 5000 L	TS 5000 E	TS 5000 L-E	TS 5000 R	TS 5000 L-R	TS 5000 EFS	TS 5000 RFS
Approval for fire and smoke doors		•	•	•	•	•	•	•	•	•	•	•
Max. door leaf width (mm)	750	1100	1250	1250	1400	1400	1400	1400	1400	1400	1250	1250
Mounting options:												
Mounting on door leaf, hinge side	•	•	•		•		•		•		•	•
Frame mounted, hinge side		•		•		•					• ⁴⁾	• ⁴⁾
Mounting on door leaf, opposite hinge side		•		•		•		•		•		
Frame mounted, opposite hinge side		•	•		•							
Functions:												
Closing force, adjustable		•	•	•	•	•	•	•	•	•	•	•
Back check, adjustable		• ²⁾	•	•	•	•	•	•	•	•		
Hydraulic latching action, adjustable	•	•	•	•	•	•	•	•	•	•	•	•
Delayed closing, adjustable					• ¹⁾							
Closing speed, adjustable	•	•	•	•	•	•	•	•	•	•	•	•
Integrated opening support			•	•								
Opening support can be switched off			•	•								
Mechanical hold-open ³⁾	•	•			•	•						
Electric hold-open							•	•	•	•		
Electrical locking for freeswing											•	•
Smoke switch control unit, integrated									•	•		•
Mechanical closing sequence control, integrated												
Page	12	16	24	26	30	33	39	42	46	50	53	57

• = yes

¹⁾ Model TS 5000 S with delayed closing²⁾ Model TS 3000 VBC³⁾ can be retrofitted, not on F and S doors⁴⁾ Special model⁵⁾ System solution consisting of 2 overhead door closers type TS 5000 (L) and suitable ISM, E-ISM or R-ISM guide rail for mounting on hinge side or opposite hinge side (version BG)⁶⁾ Freeswing function on active leaf,
System solution consisting of 1 overhead door closer type TS 5000 EHy on the active leaf and 1 overhead door closer type TS 5000 on the fixed leaf⁷⁾ Maximum door leaf width of the active leaf

GEZE TS 3000 V / SYSTEM TS 5000

For 2-leaf doors

	TS 5000 ISM ⁵⁾	TS 5000 L-ISM ⁵⁾	TS 5000 L-ISM VPK ⁵⁾	TS 5000 ISM-EFS ⁶⁾	TS 5000 E-ISM ⁵⁾	TS 5000 L-E-ISM ⁵⁾	TS 5000 L-E-ISM VP ⁵⁾	TS 5000 R-ISM ⁵⁾	TS 5000 L-R-ISM ⁵⁾	TS 5000 L-R-ISM VP ⁵⁾	TS 5000 R-ISM-EFS ⁶⁾
Approval for fire and smoke doors	•	•	•	•	•	•	•	•	•	•	•
Max. door leaf width (mm)	1400	1400	1400	1250 ⁷⁾	1400	1400	1400	1400	1400	1400	1250 ⁷⁾
Mounting options:											
Mounting on door leaf, hinge side	•			•	•			•			•
Frame mounted, hinge side											
Mounting on door leaf, opposite hinge side		•	•			•	•		•	•	
Frame mounted, opposite hinge side											
Functions:											
Closing force, adjustable	•	•	•	•	•	•	•	•	•	•	•
Back check, adjustable	•	•	•		•	•	•	•	•	•	
Hydraulic latching action, adjustable	•	•	•	•	•	•	•	•	•	•	•
Delayed closing, adjustable											
Closing speed, adjustable	•	•	•	•	•	•	•	•	•	•	•
Integrated opening support											
Opening support can be switched off											
Mechanical hold-open ³⁾	•	•	•								
Electric hold-open					•	•	•	•	•	•	
Electrical locking for freeswing				•							•
Smoke switch control unit, integrated								•	•	•	•
Mechanical closing sequence control, integrated	•	•	•	•	•	•	•	•	•	•	•
Page	61	64	65	68	73	77	79	82	86	88	92

GEZE TS 3000 V / SYSTEM TS 5000

Application cases and combination possibilities for 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	TS 5000 RFS	TS 5000 ISM	TS 5000 E-ISM	TS 5000 R-ISM	TS 5000 ISM-EFS	TS 5000 R-ISM-EFS
Barrier-free in accordance with DIN 18040 up to Leaf width (max.) in mm	EN5 1250	EN4 1100	FSA	FSA	FSA FL	FSA FL	EN4/ 1100 EN5/ 1250*	FSA	FSA	FSA FL	FSA FL
Leaf width (max.) in mm	1250	1400	1400	1400	1250	1250	1400	1400	1400	1250	1250
Closer Systems											
Complete pack (closer+guide rail)					•	•					
TS 5000 ECline Closer body	•		• ⁽⁴⁾	• ⁽⁴⁾			• ⁽⁴⁾	• ⁽⁴⁾	• ⁽⁴⁾	• ⁽³⁾	• ⁽³⁾
TS 5000 Closer body		•	•	•			•	•	•	• ⁽³⁾	• ⁽³⁾
TS 5000 S closer body with delayed closing		•	•	•			•	•	•	• ⁽³⁾	• ⁽³⁾
TS 5000 EHy closer body with electrical hold-open for freeswing										• ⁽²⁾	• ⁽²⁾
Guide Rails											
ECline guide rails Opening assistance	•										
Standard guide rail		•									
T-Stop guide rail Opening restrictor		•									
E-guide rail Electrical hold-open			•								
R-guide rail Smoke switch, power supply, electrical hold-open				•							
ISM-guide rail Integrated closing sequence control							•				
E-ISM guide rail Integrated closing sequence control, electrical hold-open on both sides								•			
R-ISM guide rail Integrated closing sequence control, Smoke switch, power supply, electrical hold-open on both sides									•		
ISM-EFS guide rail Integrated closing sequence control, freeswing GF ⁽²⁾										•	
R-ISM-EFS guide rail Integrated closing sequence control, smoke switch, power supply, freeswing GF ⁽²⁾											•
Accessories											
Smoke switch control unit RSZ6			•		•			•		•	
Circuit breaker			•	•	• ⁽⁵⁾	• ⁽⁵⁾		•	•	• ⁽⁵⁾	• ⁽⁵⁾
Mechanical locking hold-open ⁽¹⁾	i.E.	•					•				

• = 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 freeswing

BG = opposite hinge side guide rail

L = opposite hinge side closer

i.E. = in development

GEZE TS 3000 V / SYSTEM TS 5000

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 Instal- lation Opposite Hinge Side 1-Leaf	
Closer Systems	TS 5000 L ECLine	TS 5000 L	TS 5000 L-E	TS 5000 L-R	TS 5000 L-ISM	TS 5000 L-ISM VPK	TS 5000 L-E-ISM	TS 5000 L-R-ISM	TS 5000 L ECLine	TS 5000 L	TS 5000 EFS KM	TS 5000 RFS KM	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	EN4/ 1100 EN5/ 1250*	EN4 1100	FSA	FSA	EN5 1250	EN4 1100	FSA FL	FSA FL	EN5 1250	EN4 1100
Leaf width (max.) in mm	1250	1400	1400	1400	1400	1400	1400	1400	1250	1400	1250	1250	1250	1400
Closer Body														
Complete pack						•					•	•		
TS 5000 ECLine													•	
Closer body	L	•		• ⁴⁾	• ⁴⁾		• ⁴⁾	• ⁴⁾	•					
TS 5000														•
Closer body	L		•	•	•		•	•		•				
TS 5000 S														
TS 5000 EHy														
Guide Rails														
ECLine guide rails									•				•	
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														
ISM-EFS guide rail														
R-ISM-EFS guide rail														
Accessories														
Smoke switch control unit RSZ6			•			•					•			
Circuit breaker			•	•		•	•			• ⁵⁾	• ⁵⁾			
Mechanical locking hold-open ¹⁾	i.E.	•			•	•			i.E.	•			i.E.	•

1) for fire proof doors only

2) GF = active Leaf

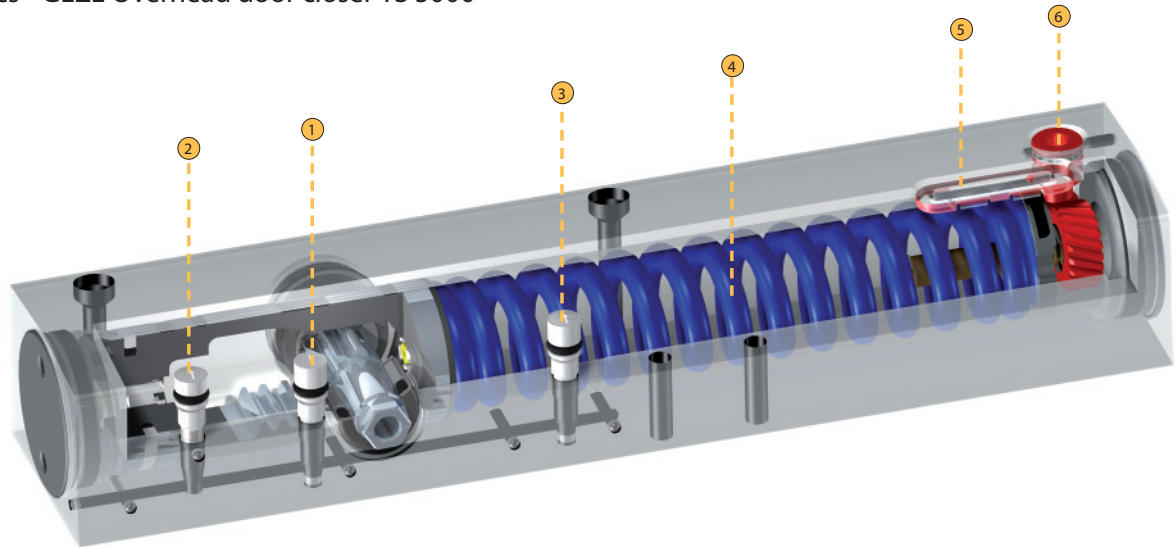
3) SF = fixed Leaf

4) up to max. 1250 mm leaf width

5) mandatory accessory

6) per leaf 1 closer body necessary

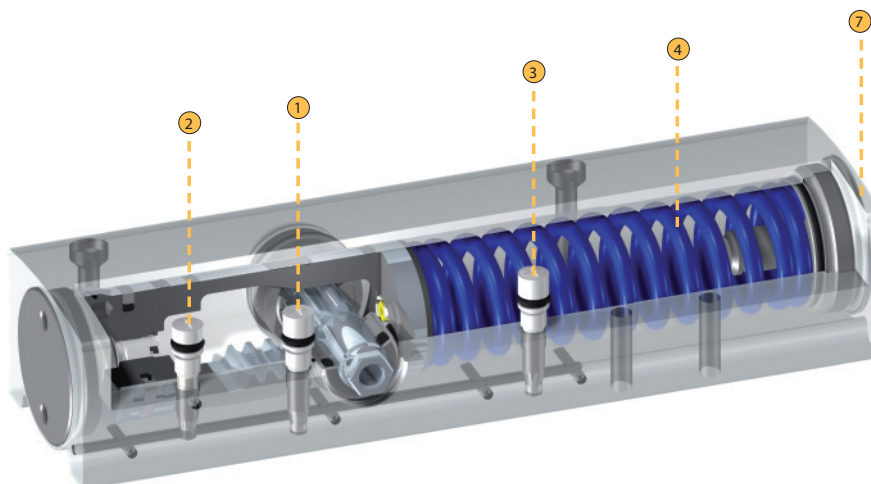
Technics - GEZE Overhead door closer TS 5000



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



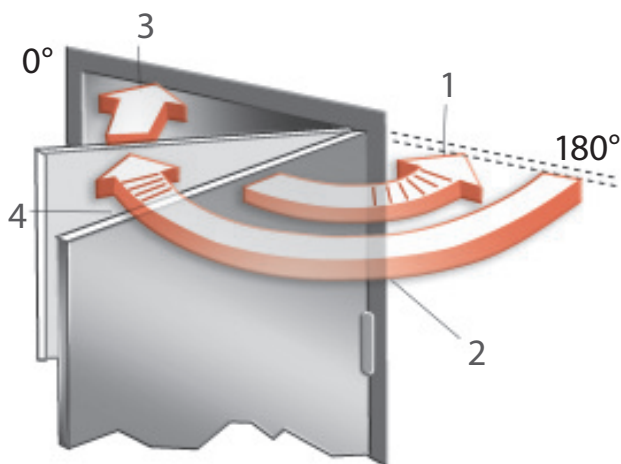
GEZE TS 3000 V / SYSTEM TS 5000

GEZE System TS 5000 – Installation possibilities

Mounting possibilities Variations		Mounting on hinge side		Mounting on opposite hinge side	
		Door mount	Frame mount	Door mount	Frame mount
Single-leaf doors	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	TS 5000 E 		TS 5000 L-E 	
	Electromechanical hold-open and smoke switch control unit	TS 5000 R 		TS 5000 L-R 	
	Electric freeswing function	TS 5000 EFS 	TS 5000 EFS 		
	Electric freeswing function and smoke switch control unit	TS 5000 RFS 	TS 5000 RFS 		
Double-leaf doors	Integrated closing sequence control (also as a full-panic solution)	TS 5000 ISM 		TS 5000 L-ISM (L-ISM VPK) 	
	Integrated closing sequence control and electromechanical hold-open on both sides	TS 5000 E-ISM 		TS 5000 L-E ISM 	
	Integrated closing sequence control and freeswing function at the active leaf	TS 5000 ISM-EFS 			
	Integrated closing sequence control, electromechanical hold-open on both sides and smoke switch control unit	TS 5000 R-ISM 		TS 5000 L-R ISM 	
	Integrated closing sequence control, smoke switch control unit and freeswing function at the moving leaf	TS 5000 R-ISM EFS 			

GEZE TS 3000 V / SYSTEM TS 5000

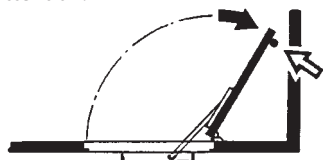
General product functions and information GEZE overhead door closers with guide rail



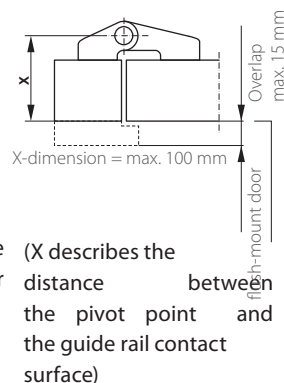
- 1) Backcheck
reduces the speed of forcefully thrown open door at approx. 90° door opening. However, e.g. in the case of outward-opening doors exposed to the wind, it cannot replace separate restriction of the opening angle – installation of a door stop or other structural measures.
- 2) Closing speed
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
Reduces the closing speed of a door or stops the door, so that passing people have sufficient time to get through the door.

Especially for mounting on the opposite hinge side

Attention!



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



(X describes the distance between the pivot point and the guide rail contact surface)

GEZE door closer with adjustable closing force:

The standards specify that the size of the door closer (closing force of the closer) must be suitably chosen to match the door width.

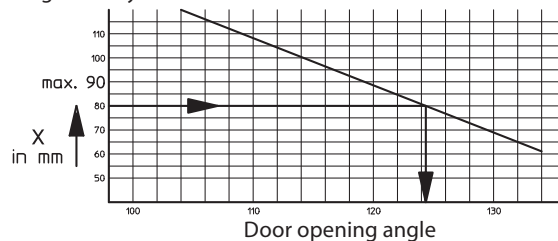
If the structural (door height, door weight) or local conditions (wind) require, the next-highest size must be set.

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.

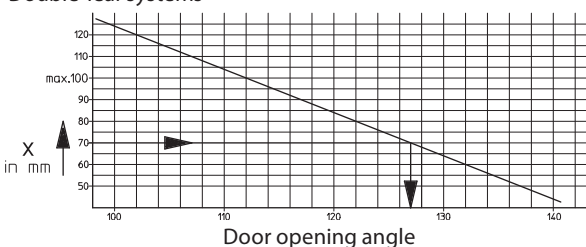
Door closing force EN	Door leaf width (mm)
Size 1	up to 750
Size 2	over 750 up to 850
Size 3	over 850 up to 950
Size 4	over 950 up to 1100
Size 5	over 1100 up to 1250
Size 6	over 1250 up to 1400

GEZE door closer with mechanical hold-open: By installing the hold-open unit in the relevant guide rail, a stepless adjustable door hold-open function is enabled between 80° and 130°. The holding force of the hold-open is adjustable. The hold-open can also be switched off.

Single-leaf systems



Double-leaf systems



GEZE TS 3000 V / SYSTEM TS 5000

Full covers are available for the overhead door closers TS 3000 V and TS 5000 as follows:

Silver



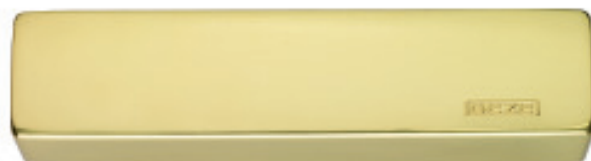
Dark bronze



White RAL 9016



Polished brass



Niro



Further RAL colours available on request.

GEZE TS 3000 V / SYSTEM TS 5000

GEZE TS 1500 G

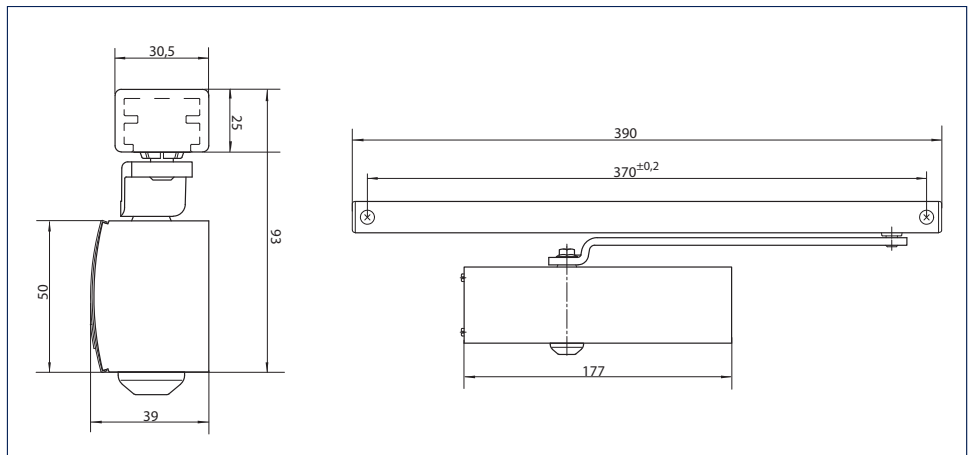
Guide rail door closer for 1-leaf doors up to 750 mm leaf width

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

GEZE TS 1500 G



GEZE TS 1500 G



Application range

- For internal doors
- For single-action doors, leaf width up to 750 mm
- Can be used for doors mounted on the right or left without conversion

GEZE TS 3000 V / SYSTEM TS 5000

Closer technical data:

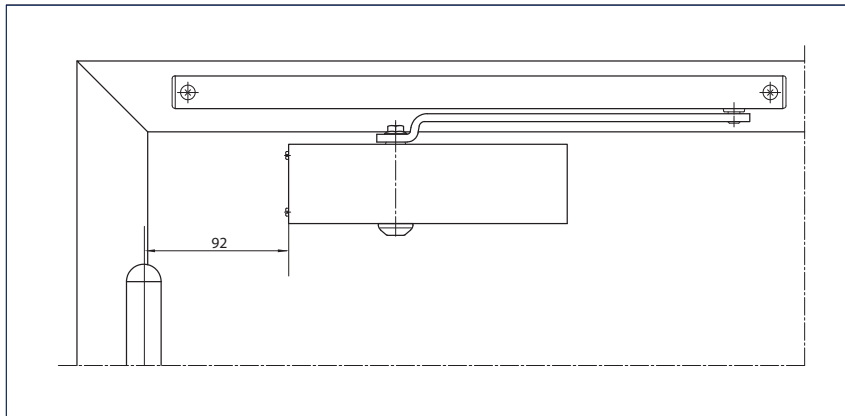
Product features	GEZE TS 1500 G Closer
Closing force to EN 1154	1
Recommended leaf width up to	750 mm
Same version for left and right-hand doors	•
Product tested to	Door closer tested acc. to EN 1154
Length	177 mm
Overall depth	39 mm
Height	50 mm
Functions	
Adjustable closing force	No
Adjustable closing speed	•
Adjustable end stop	Yes, via valve
Integrated backcheck	No
<ul style="list-style-type: none"> • = YES ◦ = OPTIONAL - = NOT AVAILABLE 	

Guide rail technical data:

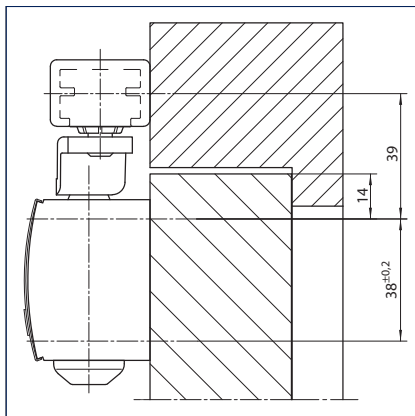
Product features	Guide rail TS 1500 G	Guide rail TS 1500 G/F
Length	390 mm	
Overall depth	30.5 mm	
Height	20.5 mm	
Functions		
Integrated opening restrictor	○	○
Integrated hold-open	○	Mechanical
Hold-open can be switched on and off	-	●
Hold-open position can be overridden	-	●
Hold-open angle	80 - 130 °	
● = YES ○ = OPTIONAL - = NOT AVAILABLE		

Door leaf installation/hinge side TS 1500 G

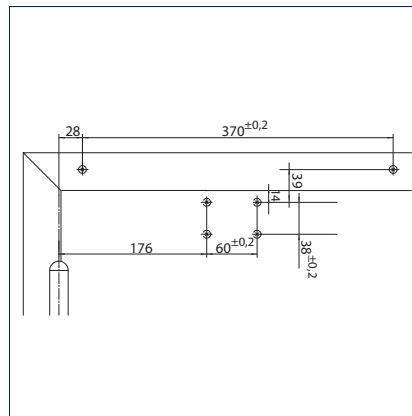
View



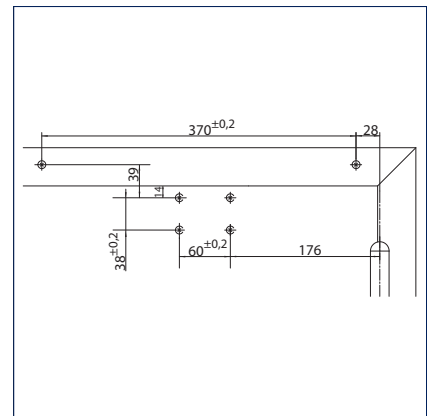
Example for installation

Direct installation

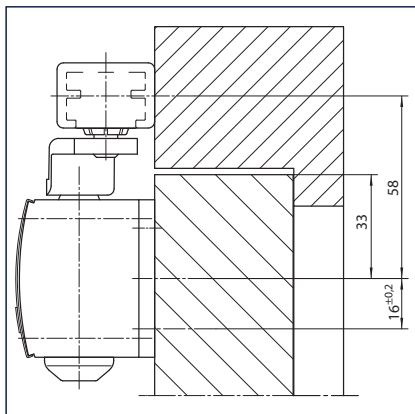
Cross-section = Direct installation



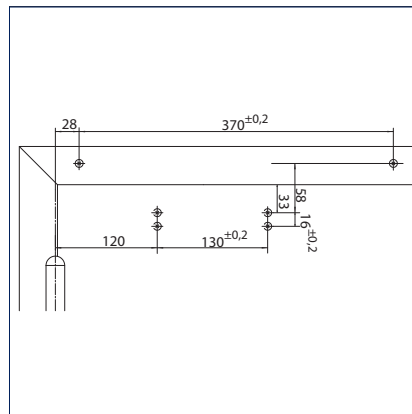
Fitting dimensions left-hand door



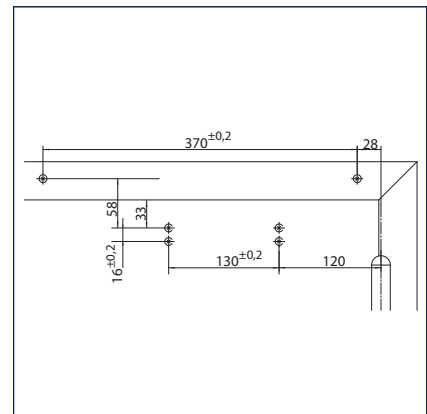
Fitting dimensions right-hand door

Installation with mounting plate

Cross-section = installation with mounting plate



Fitting dimensions left-hand door



Fitting dimensions right-hand door

GEZE TS 3000 V / SYSTEM TS 5000

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	R:101792
	dark bronze	R:101793
	white RAL 9016	R:101794
	acc. to RAL	R:101875
Guide rail TS 1500 G with lever	silver-coloured	101885
	dark bronze	101886
	white RAL 9016	101887
	acc. to RAL ¹⁾	101888
Guide rail TS 1500 G/F with mechanical hold-open and lever	silver-coloured	101889
	dark bronze	101890
	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
	dark bronze	029683
	white RAL 9016	029685
	acc. to RAL ¹⁾	029686
Accessories		
Door closer cap for TS 1500, can only be used for door leaf installation	silver-coloured	080147
	dark bronze	080148
	white RAL 9016	080149
	acc. to RAL	080150
Mechanical hold-open device for Standard / T-Stop / Boxer 20.7 mm guide rail, adjustable holding 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 & Boxer 20.7 mm guide rail		069780

¹⁾ Surcharge for RAL special colours, see General Information in the price list.

GEZE TS 3000 V / SYSTEM TS 5000

GEZE TS 3000 V

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

The overhead door closer TS 3000 V is approved for 1-leaf right and left single-action doors up to 1100 mm and for installation on smoke and fire 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.

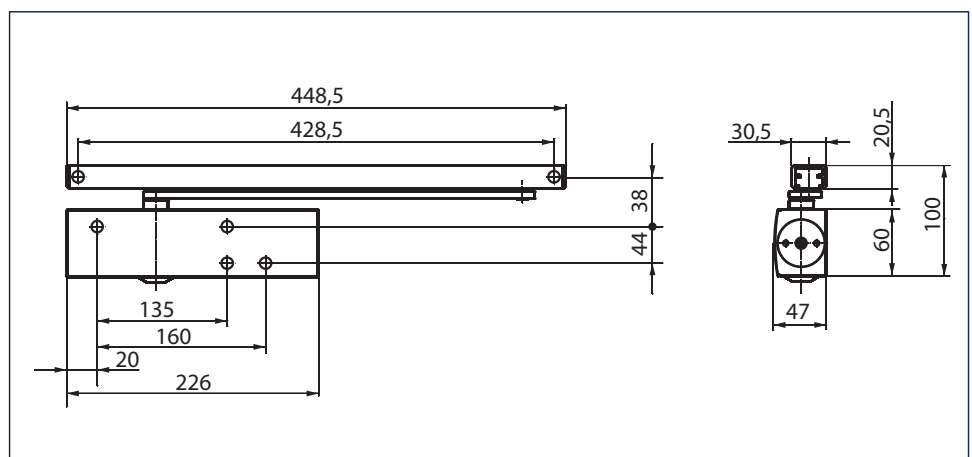
Special versions

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

GEZE TS 3000 V



GEZE TS 3000 V



Application range

- For single-action doors, leaf width up to 1100 mm
- Can be used for doors mounted on the right or left without conversion
- For fireproof doors (door closer with mounting plate)

GEZE TS 3000 V / SYSTEM TS 5000

Closer technical data:

Product features	GEZE TS 3000 V Closer	GEZE TS 3000 V BC Closer	GEZE TS 3000 EN3 Closer
Closing force to EN 1154	1 - 4	1 - 4	3
Recommended leaf width up to	1100 mm	1100 mm	950 mm
Same version for left and right-hand doors	●	●	●
Product tested to	Door closer tested acc. to EN 1154		
Fire door suitability	●	●	●
Mounting plate with hole pattern to 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 end stop	Yes, via valve		
Integrated backcheck	No	Yes, hydraulically adjustable	No
Delayed closing action integrated	-		
Position of closing force adjustment	At the side	At the side	
Visual display of the closing force	-		
Safety valve against wilful damage	●	●	●
Thermo-control valves	●	●	●

- = YES
- = OPTIONAL
- = NOT AVAILABLE

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

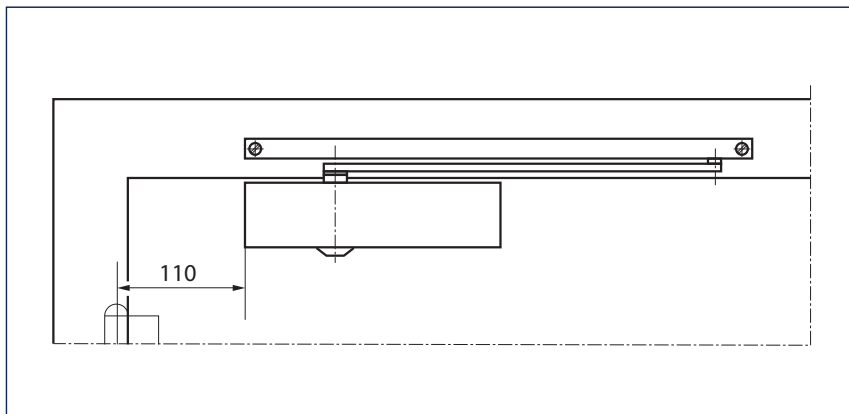
Integrated opening restrictor	○	○	●
Integrated hold-open	○	○	○
Height correction possible	●	-	-

- = YES
- = OPTIONAL
- = NOT AVAILABLE

GEZE TS 3000 V / SYSTEM TS 5000

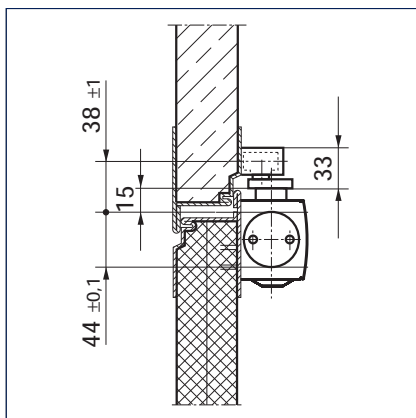
Door leaf installation/hinge side TS 3000 V

View

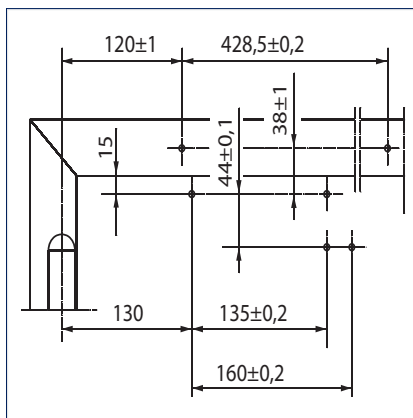


Example for installation

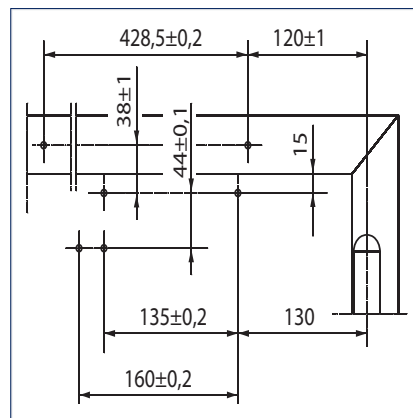
Direct installation



Cross-section = Direct installation

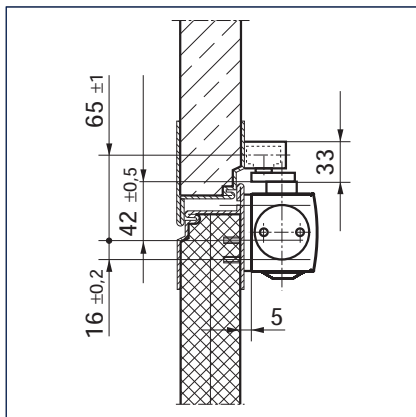


Fitting dimensions left-hand door

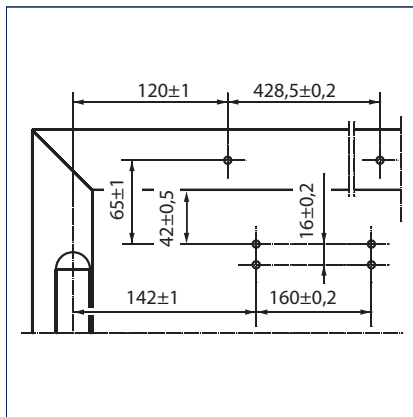


Fitting dimensions right-hand door

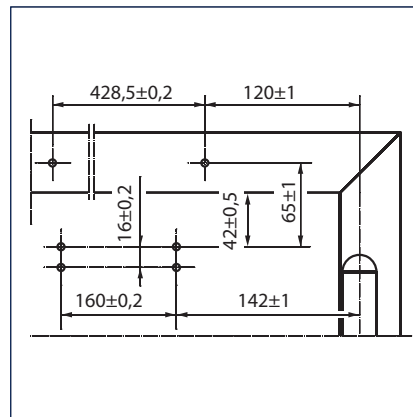
Installation with mounting plate



Cross-section = installation with mounting plate



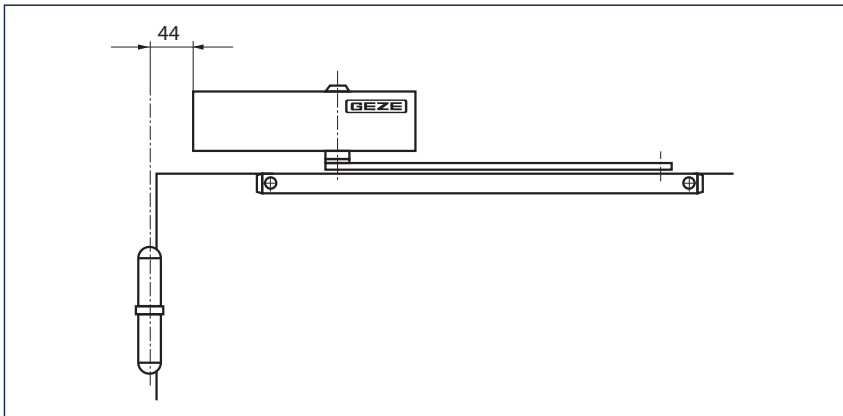
Fitting dimensions left-hand door



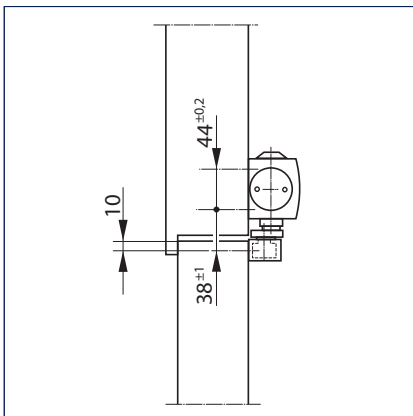
Fitting dimensions right-hand door

Transom installation/hinge side TS 3000 V

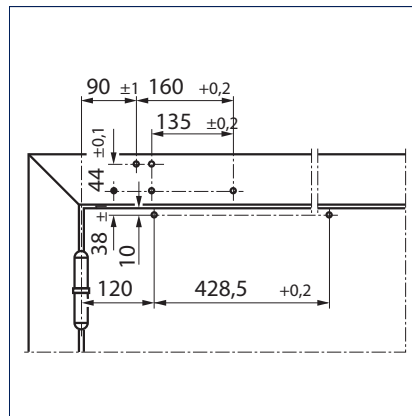
View



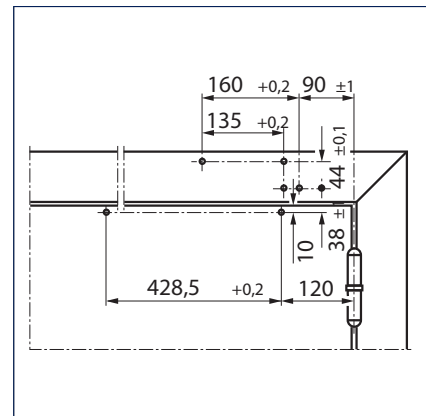
Example for installation

Direct installation

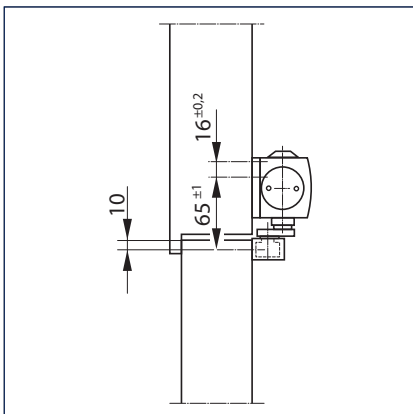
Cross-section = Direct installation



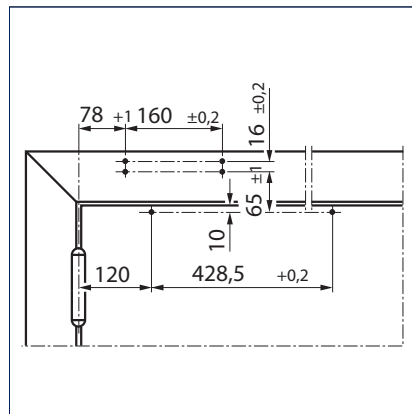
Fitting dimensions left-hand door



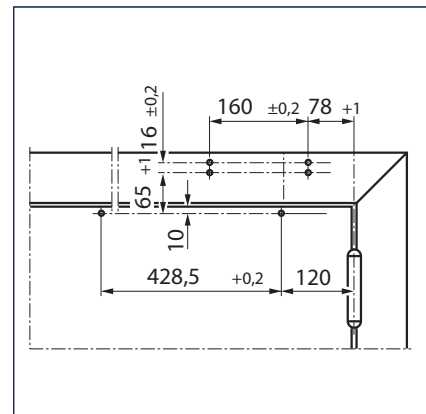
Fitting dimensions right-hand door

Installation with mounting plate

Cross-section = installation with mounting plate



Fitting dimensions left-hand door

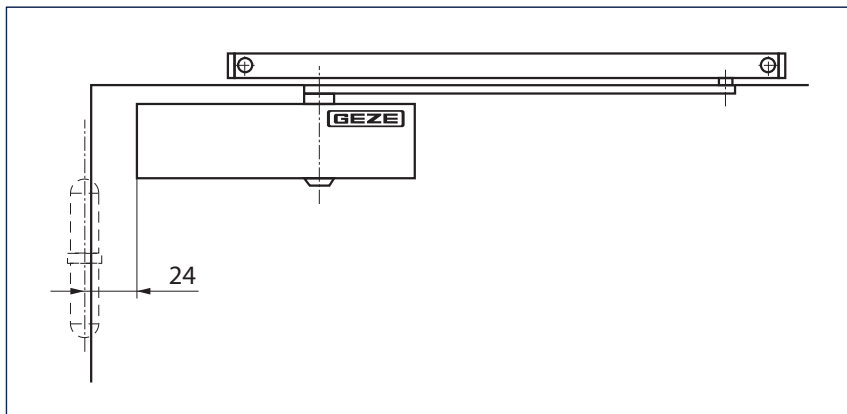


Fitting dimensions right-hand door

GEZE TS 3000 V / SYSTEM TS 5000

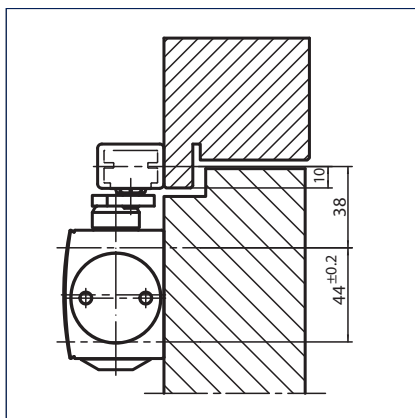
Door leaf installation/opposite hinge side TS 3000 V

View

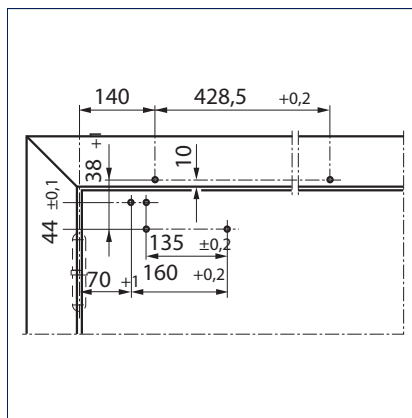


Example for installation

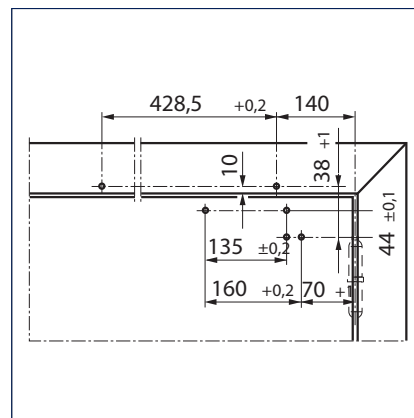
Direct installation



Cross-section = Direct installation

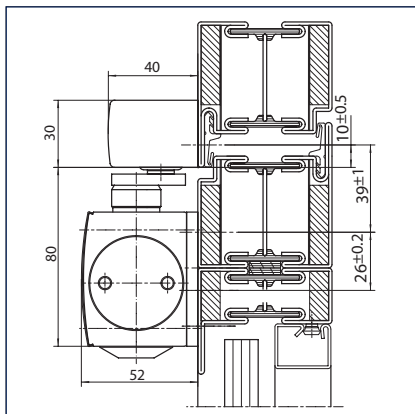


Fitting dimensions right-hand door

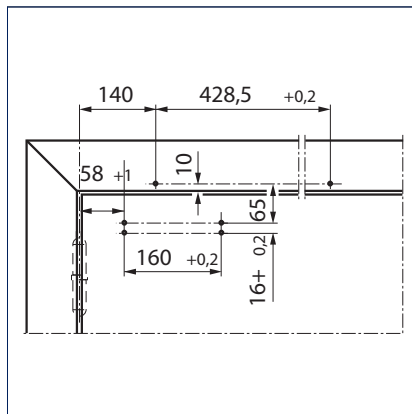


Fitting dimensions left-hand door

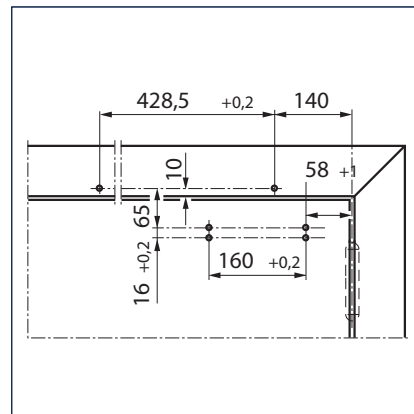
Installation with mounting plate



Cross-section = installation with mounting plate



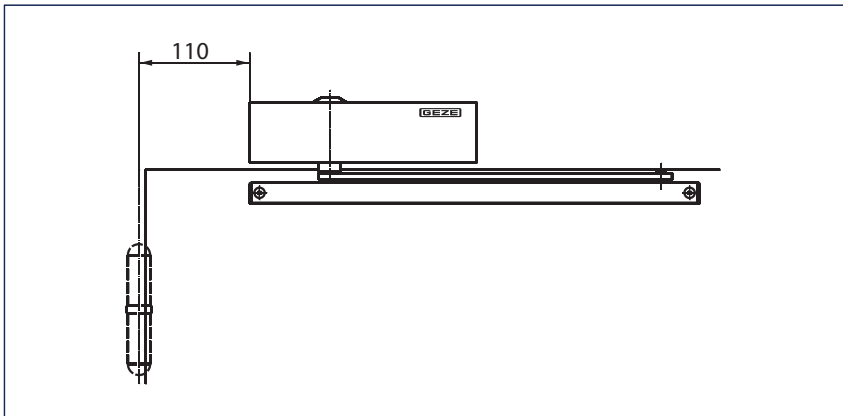
Fitting dimensions right-hand door



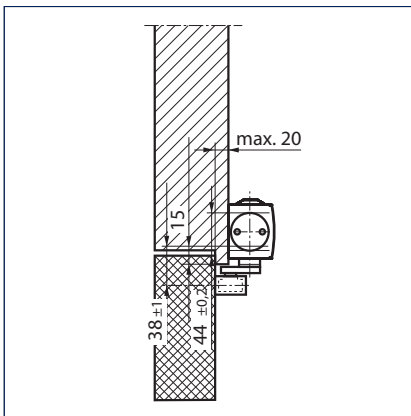
Fitting dimensions left-hand door

Transom installation/opposite hinge side TS 3000 V

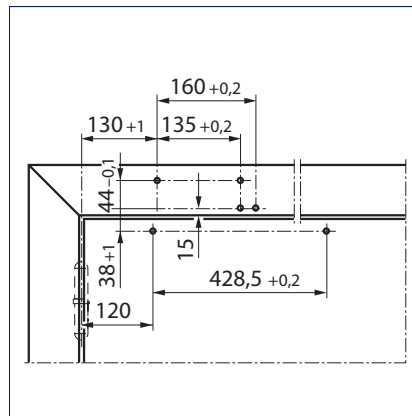
View



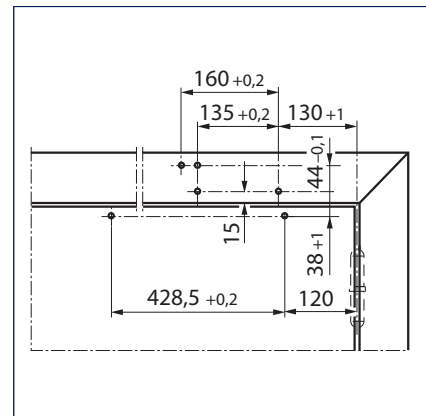
Example for installation

Direct installation

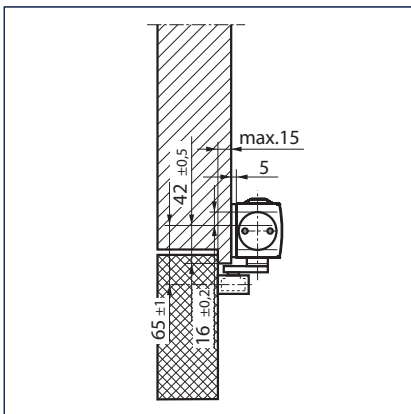
Cross-section = Direct installation



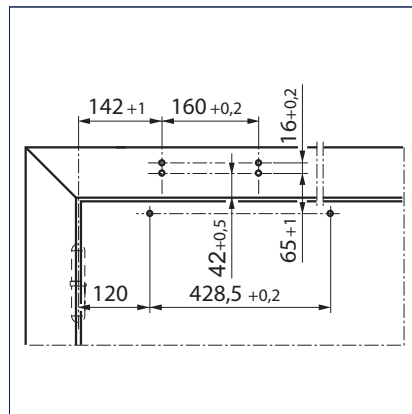
Fitting dimensions right-hand door



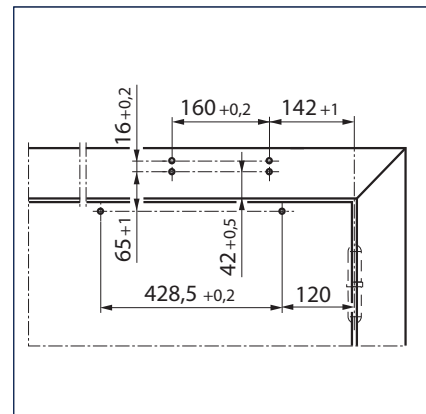
Fitting dimensions left-hand door

Installation with mounting plate

Cross-section = installation with mounting plate



Fitting dimensions right-hand door



Fitting dimensions left-hand door

GEZE TS 3000 V / SYSTEM TS 5000

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
	dark bronze	028349
	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
	dark bronze	109327
	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
	dark bronze	102306
	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 on the opposite hinge side	silver-coloured	115193
	acc. to RAL ²⁾	115194
Guide rail TS 5000/TS 3000 Standard, with lever	silver-coloured	068221
	dark bronze	068222
	white RAL 9016	015695
	Stainless steel effect 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
	Stainless steel effect 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
	Stainless steel effect ¹⁾	102364
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	acc. to RAL ²⁾	102365
	silver-coloured	102366
	white RAL 9016	108482
	Stainless steel effect ¹⁾	102367
acc. to RAL ²⁾	acc. to RAL ²⁾	102368
Installation materials		
Mounting plate door closer for TS 3000 with hole pattern according to DIN EN 1154 Supplement 1	silver-coloured	011230
	dark bronze	011232
	white RAL 9016	011233
	acc. to RAL ²⁾	011234
Glass clamping shoe door closer for TS 3000/TS 2000 NV	silver-coloured	014835
	dark bronze	014836
	white RAL 9016	014843
	acc. to RAL ²⁾	014845
Mounting 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

GEZE TS 3000 V / SYSTEM TS 5000

Description	Version	ID.No.
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 standard guide rail	silver-coloured	025657
	dark bronze	030033
	white RAL 9016	030034
	Stainless steel effect 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
Door closer drilling template for TS 5000/TS 4000/TS 3000/TS 2000		053134
Accessories		
Door closer cap for TS 3000/TS 2000, can only be used for door leaf installation	silver-coloured	013487
	dark bronze	014849
	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 holding 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 & 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, Deutschland

GEZE TS 3000 V / SYSTEM TS 5000

GEZE TS 5000 ELine

Guide rail door closers for accessible, easily opening 1-leaf doors up to 1,250 mm leaf width to DIN 18040

The TS 5000 ELine system is the ideal solution for buildings to enable access for all. 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 up to 1250 millimetre can be equipped for better accessibility. The efficiency of the TS 5000 ELine 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 ELine 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.

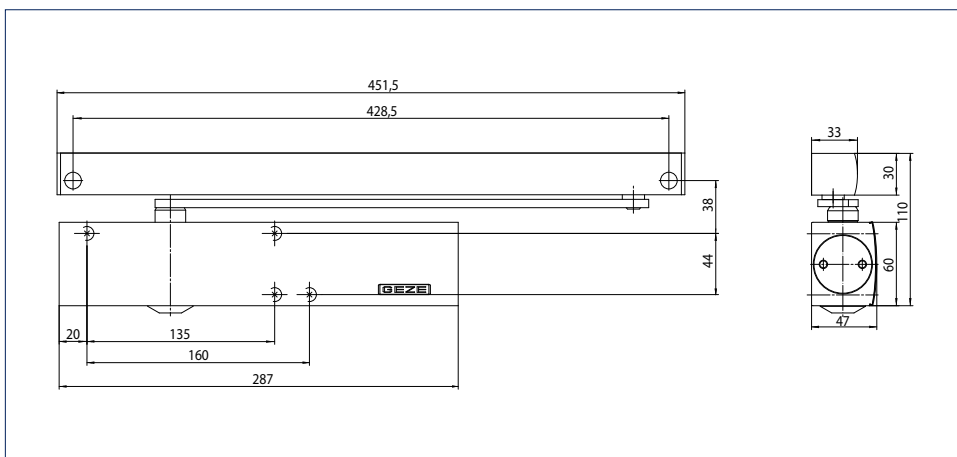
Depending on the application, the opening support can also be switched off – for example, on doors exposed to wind load or pressure differences.

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

GEZE TS 5000 ELine



GEZE TS 5000 ELine



Application range

- Accessible to DIN 18040 up to EN5 (1250 mm leaf width)
- Very high degree of access convenience due to opening support integrated in the guide rail
- For single-action doors, leaf width up to 1250 mm
- For right and left-hand doors
- For fireproof doors (door closer with mounting plate)

GEZE TS 3000 V / SYSTEM TS 5000

Closer technical data:

Product features	GEZE TS 5000 Ecline closer	GEZE TS 5000 L Ecline closer
Closing force to EN 1154	3 - 5	
Recommended leaf width up to	1250 mm	
Same version for left and right-hand doors	•	•
Product tested to	Door closer tested acc. to EN 1154 DIN 18040 up to EN5 (1250 mm leaf width)	
Fire door suitability	•	•
Length	287 mm	
Overall depth	47 mm	
Height	60 mm	
Functions		
Adjustable closing force	Yes, stepless	
Adjustable closing speed	•	•
Adjustable end stop	Yes, via valve	
Integrated backcheck	Yes, hydraulically adjustable	
Delayed closing action integrated	-	
Position of closing force adjustment	Front	
Visual display of the closing force	•	•
Safety valve against wilful damage	•	•
Thermo-control valves	•	•
• = YES ○ = OPTIONAL - = NOT AVAILABLE		

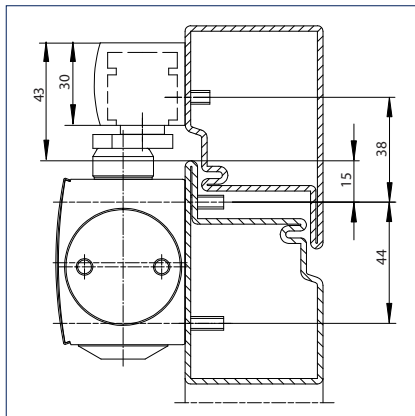
Guide rail technical data:

Product features	Ecline guide rail TS 5000	Ecline guide rail TS 5000 BG
Length	452.5 mm	
Overall depth	33 mm	
Height	30 mm	
Functions		
Integrated opening support	●	●
Opening support can be switched off	●	●
● = YES ○ = OPTIONAL - = NOT AVAILABLE		

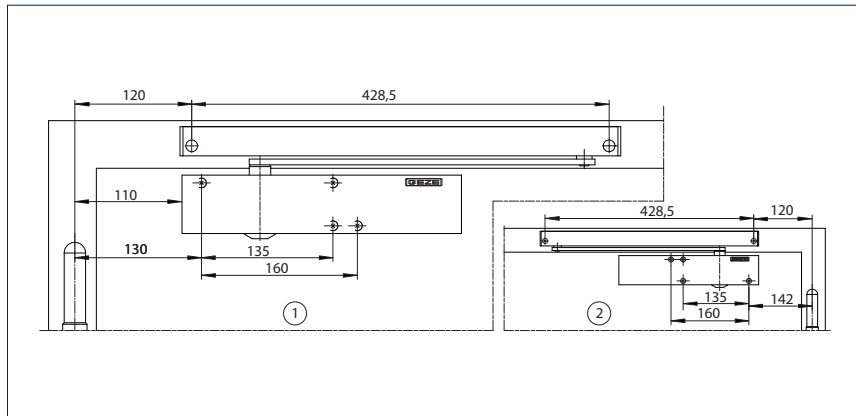
GEZE TS 3000 V / SYSTEM TS 5000

TS 5000 ECLine door leaf mounting/hinge side

Direct installation

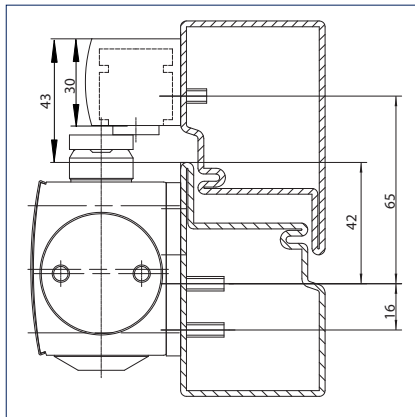


Cross-section = Direct installation

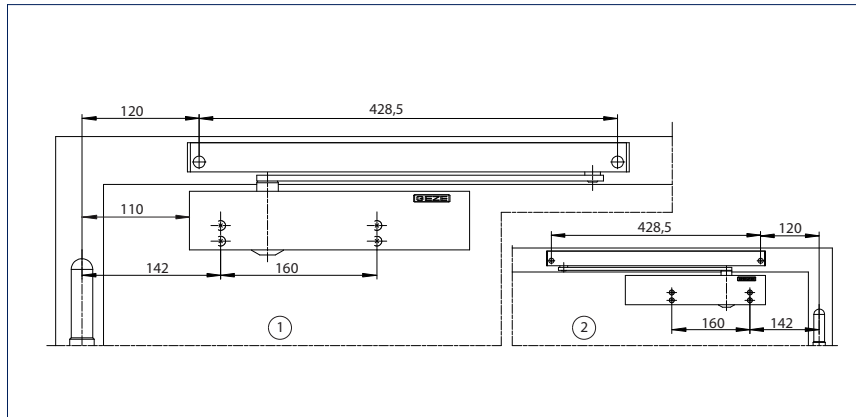


- 1 = Fitting dimensions DIN left
2 = DIN right

Installation with mounting plate



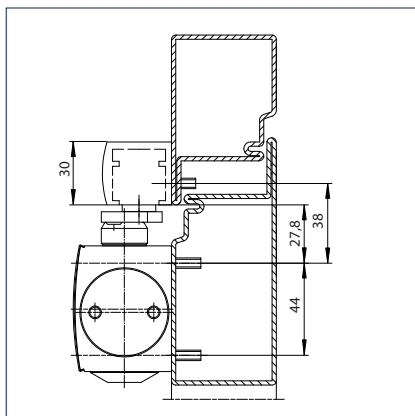
Cross-section = installation with mounting plate



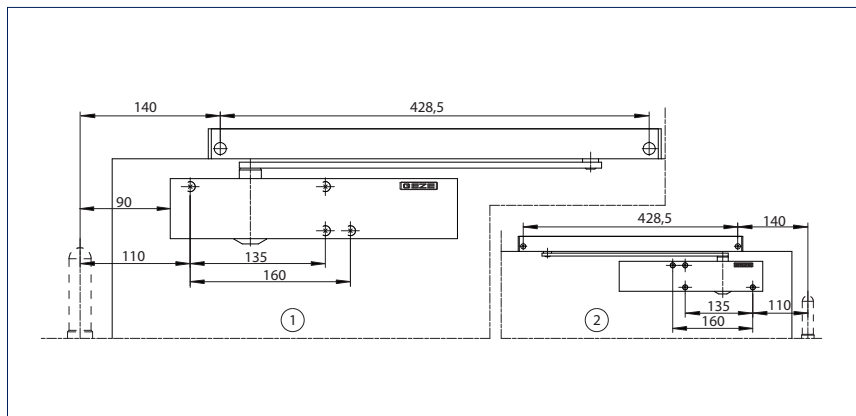
- 1 = Fitting dimensions DIN left
2 = DIN right

TS 5000 L ECLine door leaf mounting/opposite hinge side

Direct installation



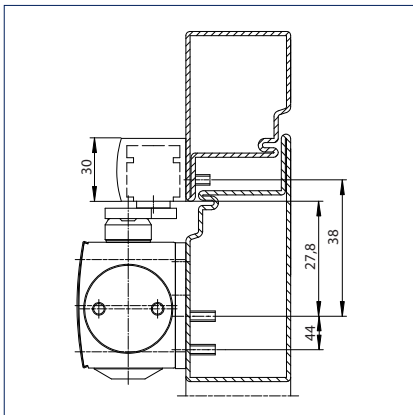
Cross-section = Direct installation



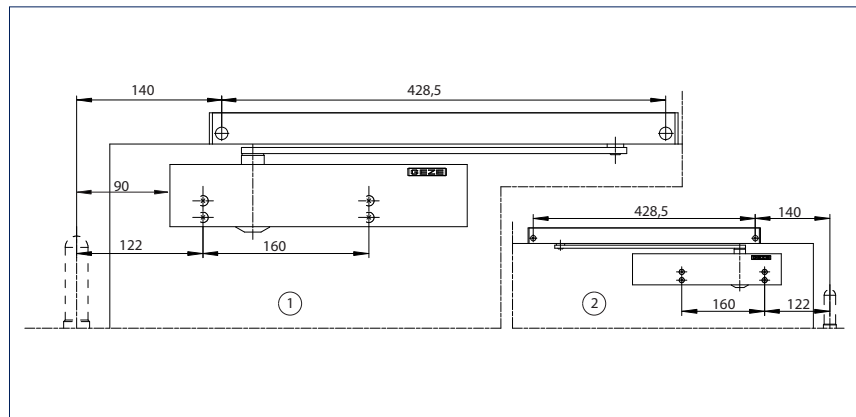
- 1 = Fitting dimensions DIN right
2 = DIN left

GEZE TS 3000 V / SYSTEM TS 5000

Installation with mounting plate



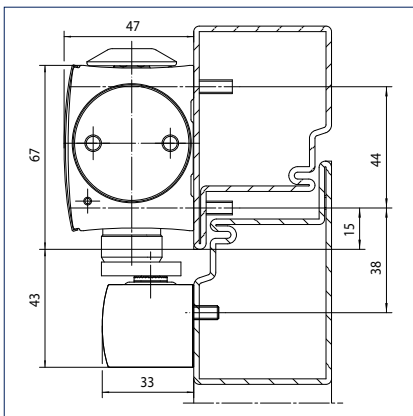
Cross-section = installation with mounting plate



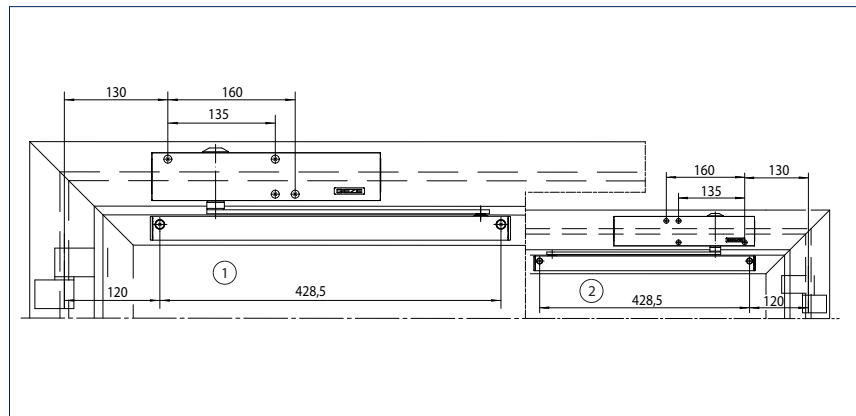
- 1 = Fitting dimensions DIN right
2 = DIN left

TS 5000 ECLine Transom installation/opposite hinge side

Direct installation

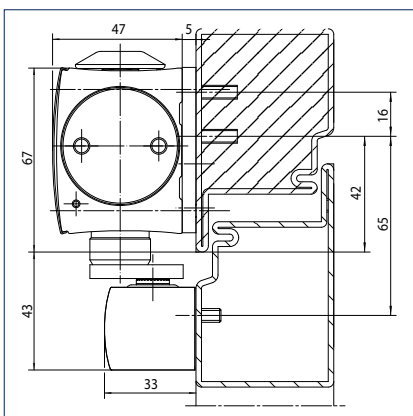


Cross-section = Direct installation

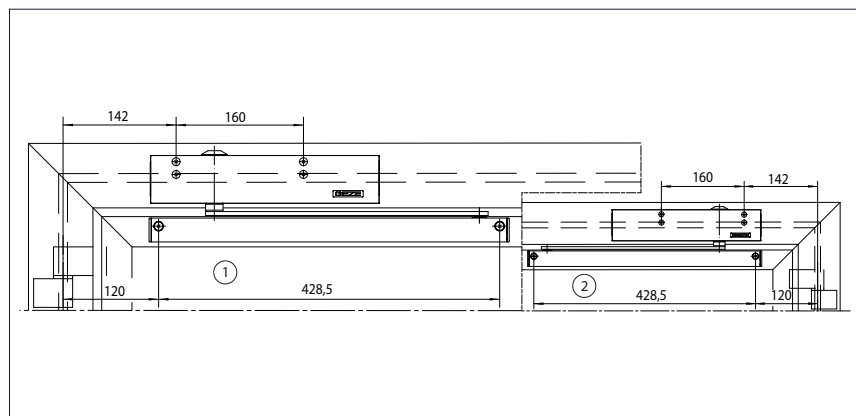


- 1 = Fitting dimensions DIN right
2 = DIN left

Installation with mounting plate



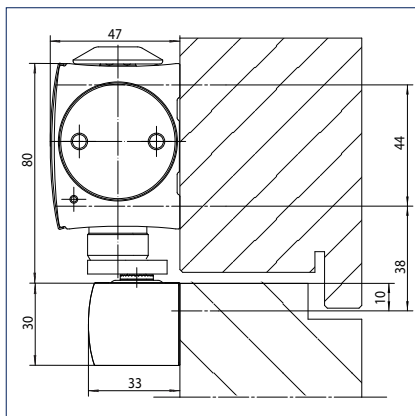
Cross-section = installation with mounting plate



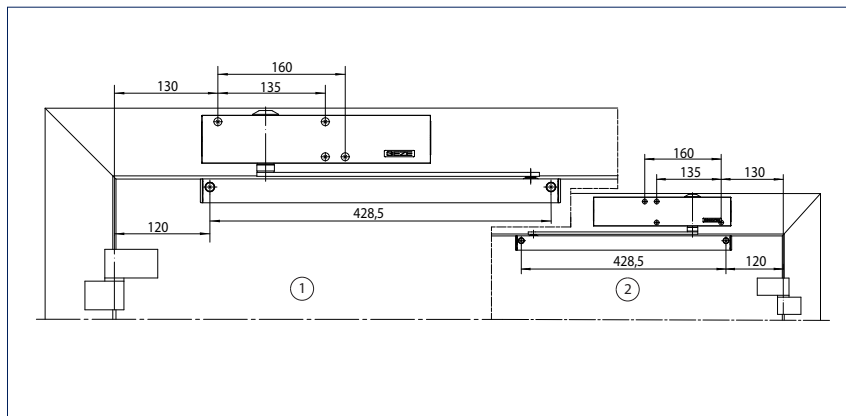
- 1 = Fitting dimensions DIN right
2 = DIN left

TS 5000 L ECLine KB/hinge side

Direct installation

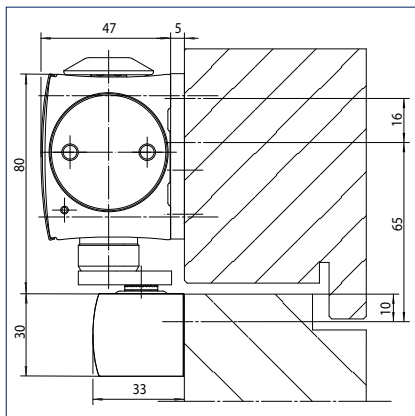


Cross-section = Direct installation

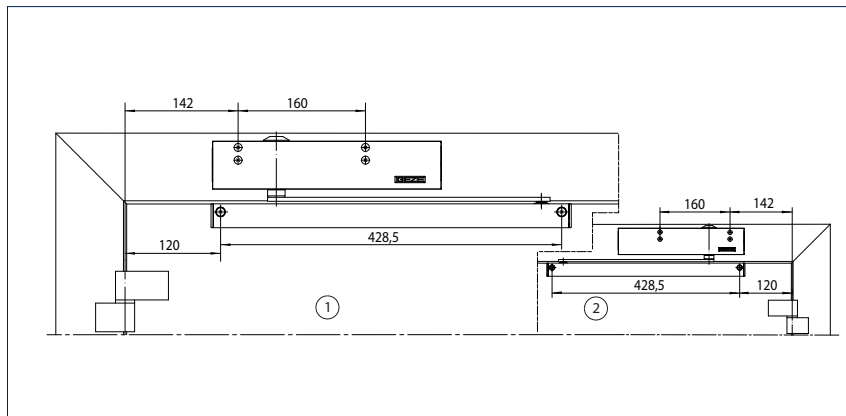


- 1 = Fitting dimensions DIN left
2 = DIN right

Installation with mounting plate



Cross-section = installation with mounting plate



- 1 = Fitting dimensions DIN left
2 = DIN right

GEZE TS 3000 V / SYSTEM TS 5000

GEZE TS 5000 Ecline - Order information

Description	Version	ID.No.
GEZE TS 5000 Ecline closer Size EN 3-5, with backcheck (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 L Ecline closer Size EN 3-5, with backcheck (without guide rail and lever)	silver-coloured	143648
	white RAL 9016	143649
	Stainless steel slide plate	143650
	acc. to RAL ²⁾	143651
Ecline guide rail TS 5000 for use with TS 5000 Ecline closer, with integrated opening support for easy opening, with lever	silver-coloured	143572
	white RAL 9016	143575
	Stainless steel effect ¹⁾	143576
	acc. to RAL ²⁾	143577
Ecline guide rail TS 5000 BG for use with TS 5000 L Ecline closer for door leaf mounting opposite hinge side, with integrated opening support for easy opening, with lever	silver-coloured	143578
	white RAL 9016	143579
	Stainless steel effect ¹⁾	143580
	acc. to RAL ²⁾	143582
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
	dark bronze	057127
	white RAL 9016	009491
	acc. to RAL	009494
Mounting and counterplate for all-glass door for TS 5000/TS 4000	silver-coloured	007923
	dark bronze	007924
	acc. to RAL	007926
Guide rail mounting plate for standard / Ecline / T-Stop / EFS guide rail	silver-coloured	001512
	white RAL 9016	129252
	acc. to RAL	104515
Mounting plate door closer for TS 5000/TS 4000 with hole pattern according to DIN EN 1154 Supplement 1	silver-coloured	049185
	dark bronze	052351
	white RAL 9016	068627
	galvanised	057956
	Stainless steel effect	137725
Lintel casing bracket transom installation BG for TS 5000/TS 4000	acc. to RAL	029176
	silver-coloured	049240
	dark bronze	052352
Mounting plate guide rail BG for standard / Ecline / T-Stop / EFS guide rail	acc. to RAL	104451
	silver-coloured	124683
	acc. to RAL	124684
Lintel casing bracket guide rail BG for Ecline and T-Stop guide rail	silver-coloured	115006
	acc. to RAL	115007
Accessories		
Door closer cap for TS 5000/ TS 5000 L / TS 4000, can only be used for door leaf mounting	silver-coloured	067724
	dark bronze	067725
	white RAL 9016	067726
	Stainless steel	072696
	brass	072698
	acc. to RAL	000756

1) Only for dry rooms

2) Surcharge for RAL special colours, see General Information in the price list.

GEZE TS 3000 V / SYSTEM TS 5000

GEZE TS 5000

Guide rail door closer for 1-leaf doors 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 up to 1400 mm and for use on smoke and fire doors. The closing force, size 2-6 acc. to EN 1154, the thermally stabilised closing speed, hydraulic latching action and 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 size indicator.

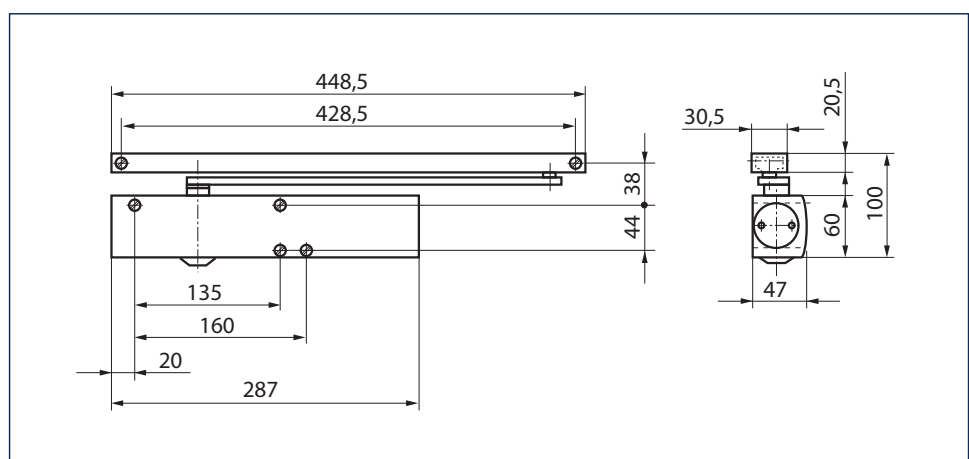
Special versions

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

GEZE TS 5000



GEZE TS 5000



Application range

- For single-action doors, leaf width up to 1400 mm
- Can be used for doors mounted on the right or left without conversion
- For fireproof doors (door closer with mounting plate)

GEZE TS 3000 V / SYSTEM TS 5000

Closer technical data:

Product features	GEZE TS 5000 Closer	GEZE TS 5000 S Closer	GEZE TS 5000 L Closer
Closing force to EN 1154		2 - 6	
Recommended leaf width up to		1400 mm	
Same version for left and right-hand doors	•	•	•
Product tested to		Door closer tested acc. to EN 1154	
Fire door suitability	•	•	•
Mounting plate with hole pattern to EN1154 supplement	•	•	•
Length		287 mm	
Overall depth		47 mm	
Height		60 mm	

Functions

Adjustable closing force		Yes, stepless	
Adjustable closing speed	•	•	•
Adjustable end stop		Yes, via valve	
Integrated backcheck		Yes, hydraulically adjustable	
Delayed closing action integrated	-	•	-
Position of closing force adjustment		Front	
Visual display of the closing force	•	•	•
Safety valve against wilful damage	•	•	•
Thermo-control valves	•	•	•

- = YES
- = OPTIONAL
- = NOT AVAILABLE

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

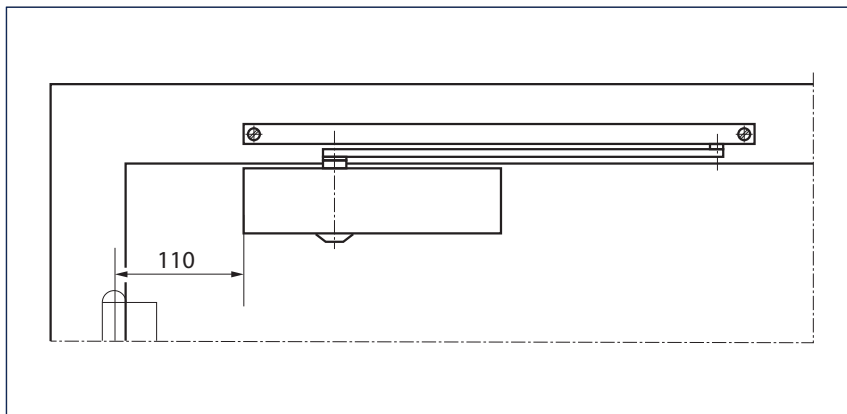
Integrated opening restrictor	○	○	•
Integrated hold-open	○	○	○
Height correction possible	•	-	-

- = YES
- = OPTIONAL
- = NOT AVAILABLE

GEZE TS 3000 V / SYSTEM TS 5000

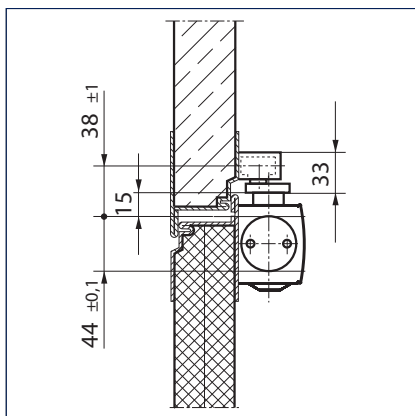
Door leaf installation/hinge side TS 5000

View

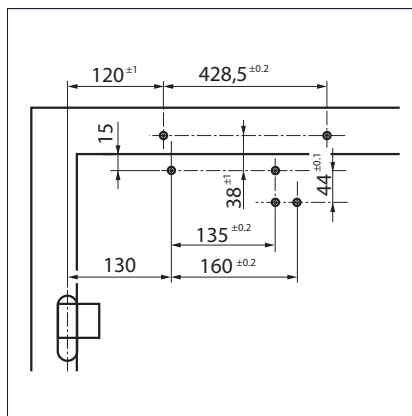


Example for installation

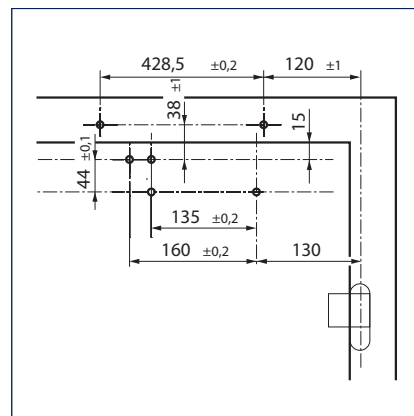
Direct installation



Cross-section = Direct installation

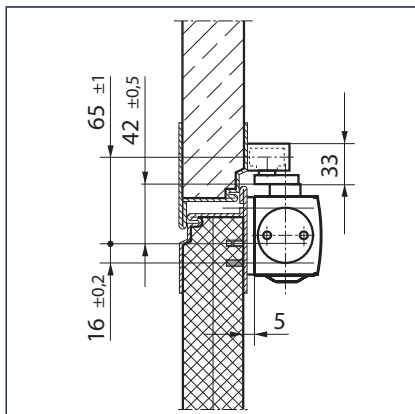


Fitting dimensions left-hand door

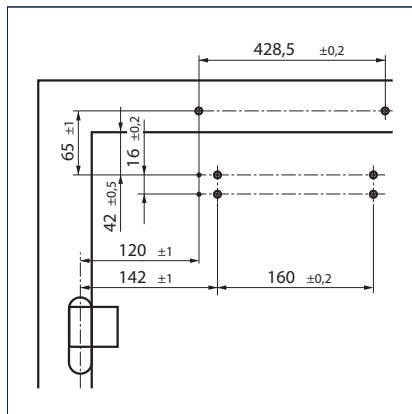


Fitting dimensions right-hand door

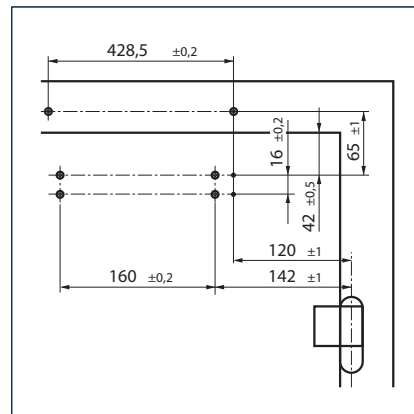
Installation with mounting plate



Cross-section = installation with mounting plate

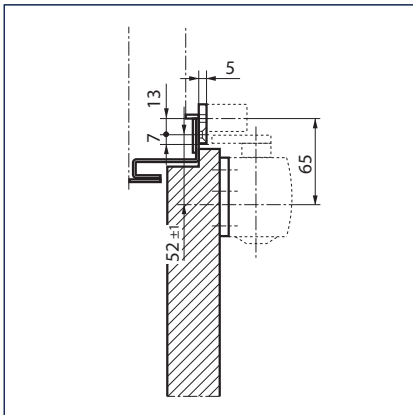


Fitting dimensions left-hand door

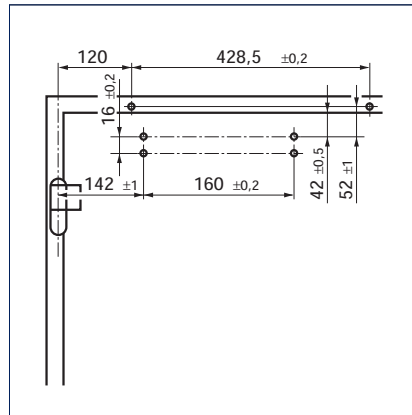


Fitting dimensions right-hand door

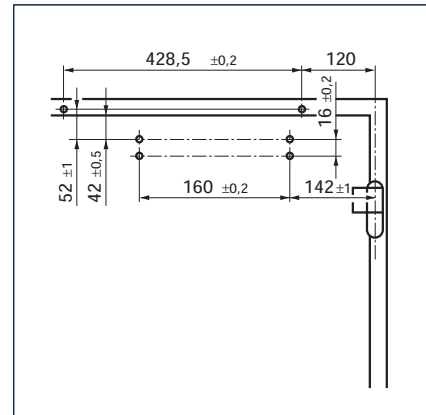
Installation on slim frames



Cross-section = installation with mounting plate



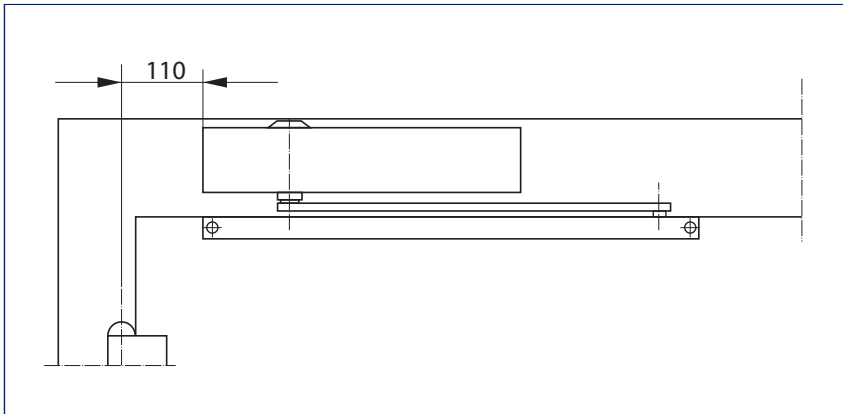
Fitting dimensions left-hand door



Fitting dimensions right-hand door

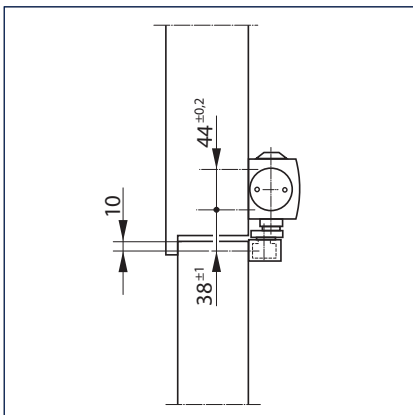
Transom installation/hinge side TS 5000 L

View

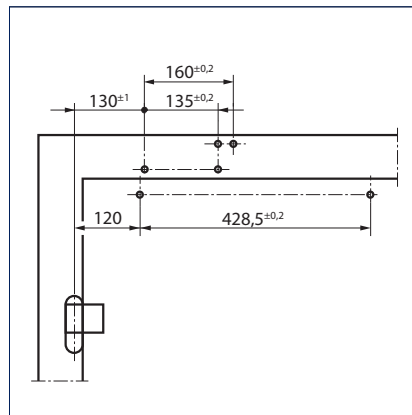


Example for installation

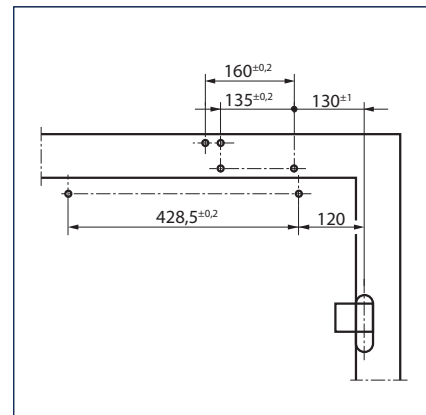
Direct installation



Cross-section = Direct installation

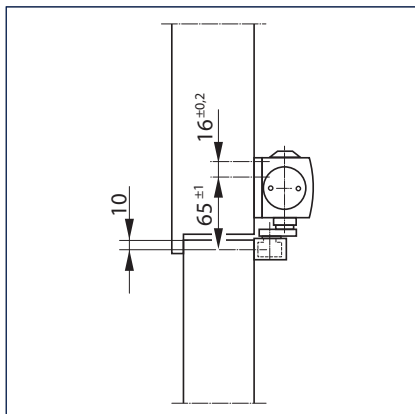


Fitting dimensions left-hand door

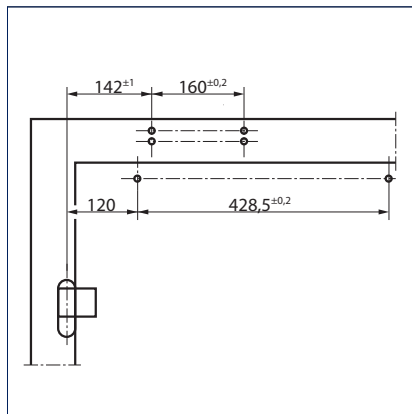


Fitting dimensions right-hand door

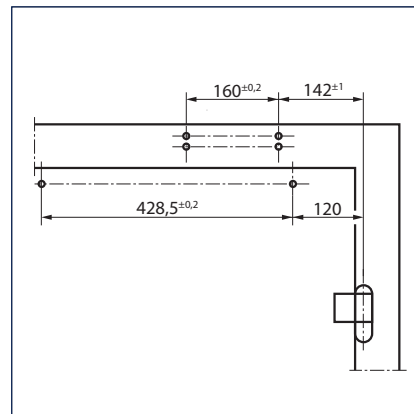
Installation with mounting plate



Cross-section = installation with mounting plate



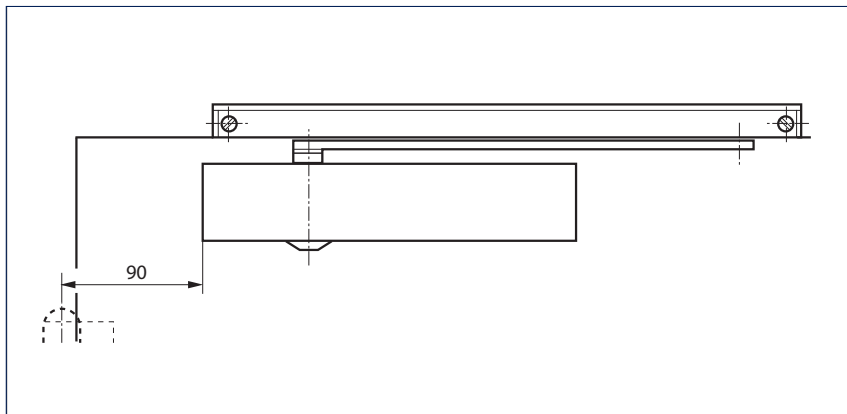
Fitting dimensions left-hand door



Fitting dimensions right-hand door

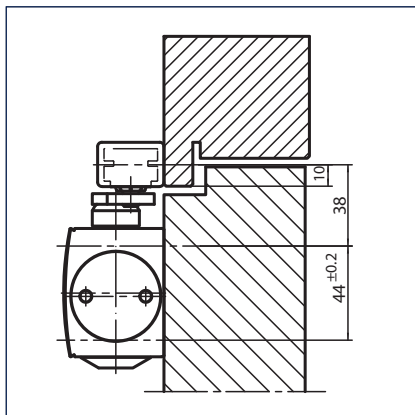
Door leaf installation/opposite hinge side TS 5000 L

View

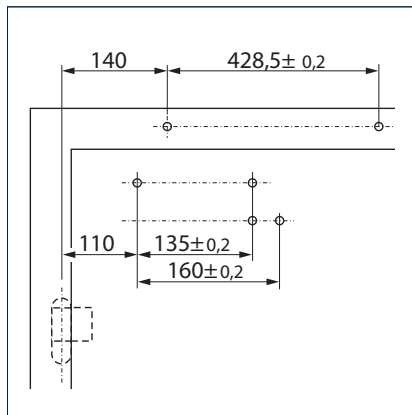


Example for installation

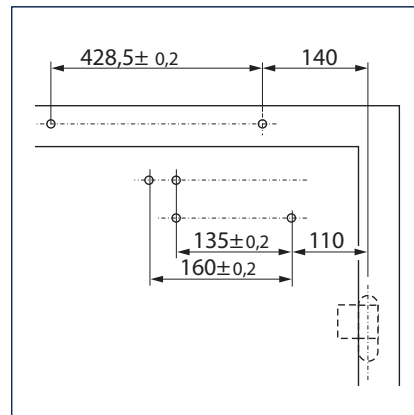
Direct installation



Cross-section = Direct installation

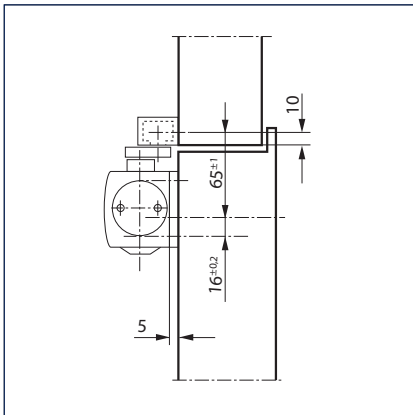


Fitting dimensions right-hand door

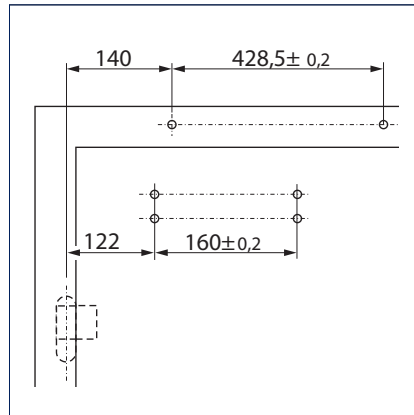


Fitting dimensions left-hand door

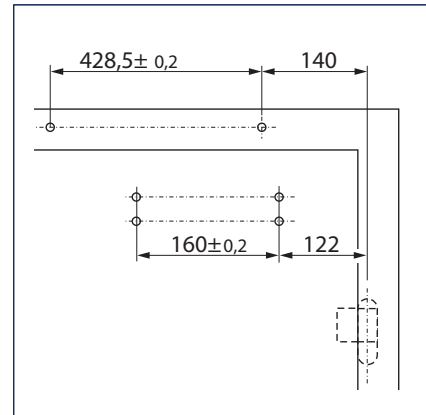
Installation with mounting plate



Cross-section = installation with mounting plate

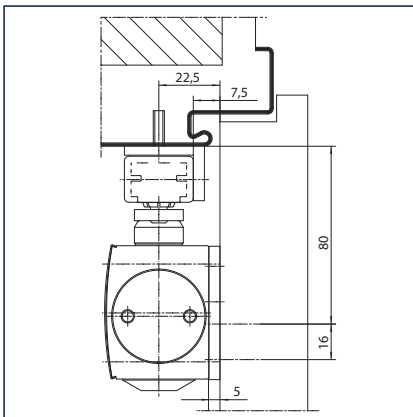


Fitting dimensions right-hand door



Fitting dimensions left-hand door

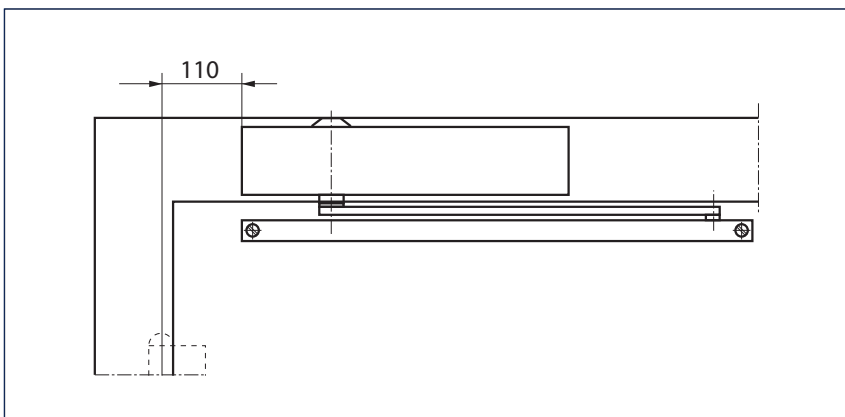
Installation with lintel casing bracket



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

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

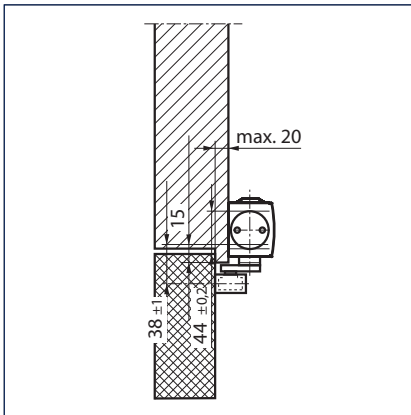
View



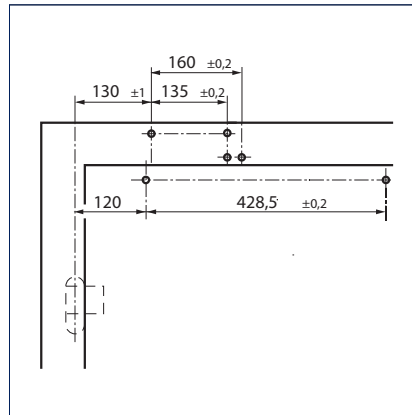
Example for installation

GEZE TS 3000 V / SYSTEM TS 5000

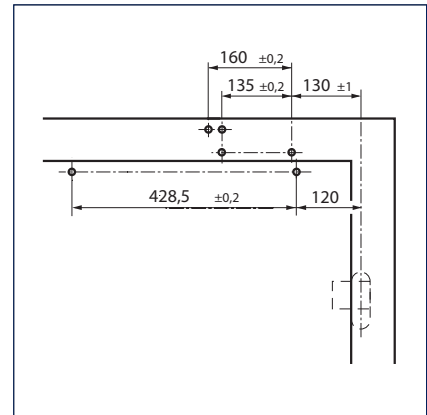
Direct installation



Cross-section = Direct installation

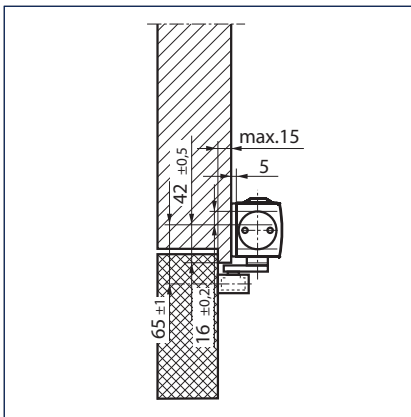


Fitting dimensions right-hand door

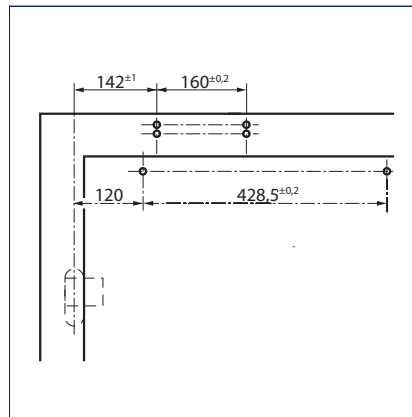


Fitting dimensions left-hand door

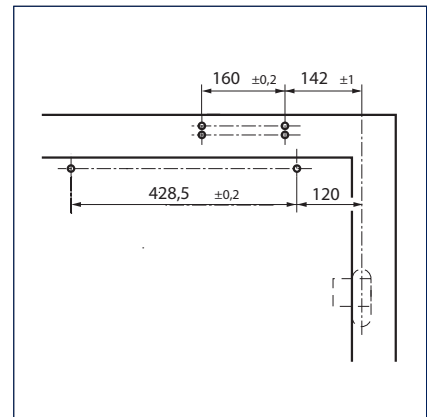
Installation with mounting plate



Cross-section = installation with mounting plate



Fitting dimensions right-hand door



Fitting dimensions left-hand door



TS 5000, HAWK, Holzminden, Deutschland



TS 5000, Textil- und Industriemuseum, Augsburg, Deutschland

GEZE TS 3000 V / SYSTEM TS 5000

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
	dark bronze	027334
	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
	dark bronze	107936
	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
	dark bronze	029399
	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
	dark bronze	068222
	white RAL 9016	015695
	Stainless steel effect 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
	Stainless steel effect 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
	Stainless steel effect 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 on the opposite hinge side or with pivot bearing in leaf and transom installation opposite hinge side	silver-coloured	102366
	white RAL 9016	108482
	Stainless steel effect 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
	dark bronze	057127
	white RAL 9016	009491
	acc. to RAL ²⁾	009494
Mounting and counterplate for all-glass door for TS 5000/TS 4000	silver-coloured	007923
	dark bronze	007924
	acc. to RAL ²⁾	007926

GEZE TS 3000 V / SYSTEM TS 5000

Description	Version	ID.No.
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/TS 4000 with hole pattern according to DIN EN 1154 Supplement 1	silver-coloured	049185
	dark bronze	052351
	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
	dark bronze	052352
	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
	dark bronze	030033
	white RAL 9016	030034
	Stainless steel effect 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 cap for TS 5000/ TS 5000 L / TS 4000, can only be used for door leaf mounting	silver-coloured	067724
	dark bronze	067725
	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 holding 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 & 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

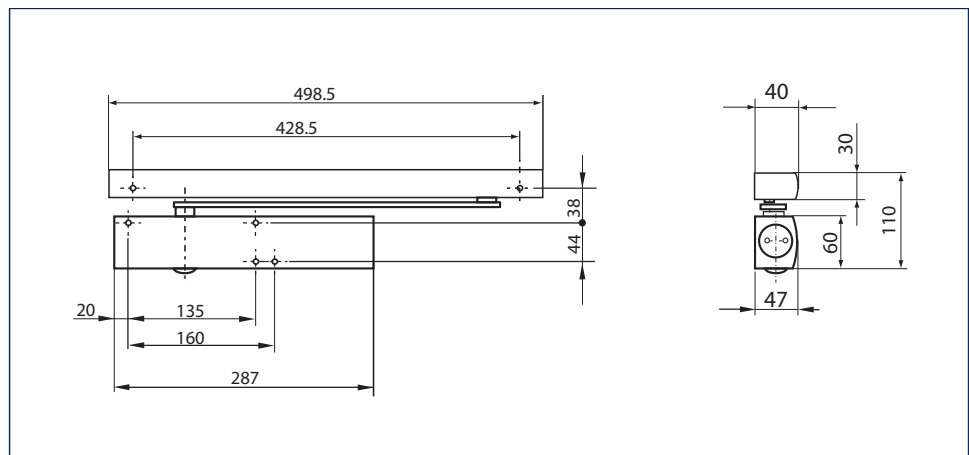
Guide rail door closer for 1-leaf doors up to 1400 mm leaf width with electric hold-open device

Due to the electromechanical hold-open device (acc. to 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 case of fire or a power failure and the door closes safely, this closer is approved for use with 1-leaf smoke and fire doors. The closing force size 2-6 acc. to EN 1154, closing speed, latching action and back check can be set from the front. The door closer has a visual size indicator. The holding force of the hold-open device can be adjusted and the hold-open position can be overridden.

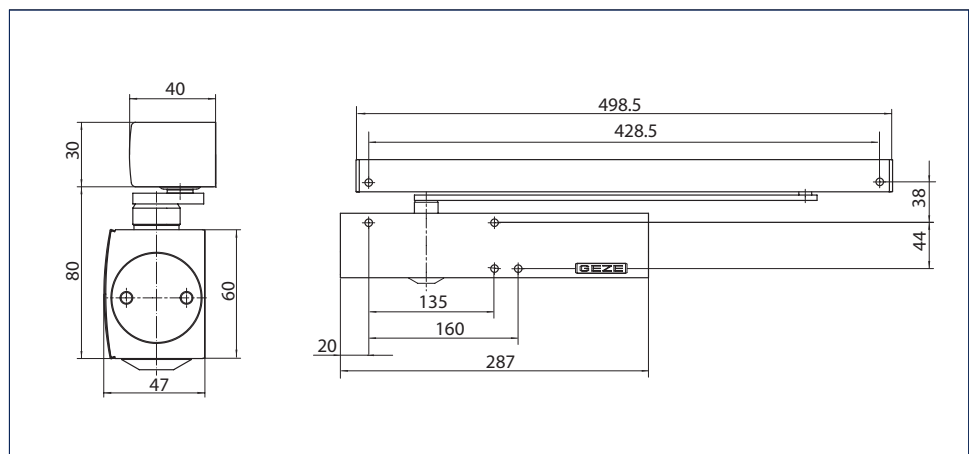
GEZE TS 5000 E



GEZE TS 5000 E



GEZE TS 5000 L-E



GEZE TS 3000 V / SYSTEM TS 5000

Application range

- For single-action doors, leaf width up to 1400 mm
- Can be used for doors mounted on the right or left without conversion
- For fireproof doors (door closer with mounting plate)

Closer technical data:

Product features	GEZE TS 5000 Closer	GEZE TS 5000 L Closer
Closing force to EN 1154	2 - 6	
Recommended leaf width up to	1400 mm	
Same version for left and right-hand doors	•	•
Product tested to	Door closer tested acc. to EN 1154	
Fire door suitability	•	•
Mounting plate with hole pattern to EN1154 supplement	•	•
Length	287 mm	
Overall depth	47 mm	
Height	60 mm	

Functions

Adjustable closing force	Yes, stepless	
Adjustable closing speed	•	•
Adjustable end stop	Yes, via valve	
Integrated backcheck	Yes, hydraulically adjustable	
Position of closing force adjustment	Front	
Visual display of the closing force	•	•
Safety valve against wilful damage	•	•
Thermo-control valves	•	•

- = YES
- = OPTIONAL
- = NOT AVAILABLE

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 to	Hold-open equipment tested acc. to EN 1155	
Length	498,5 mm	
Overall depth	40 mm	
Height	30 mm	

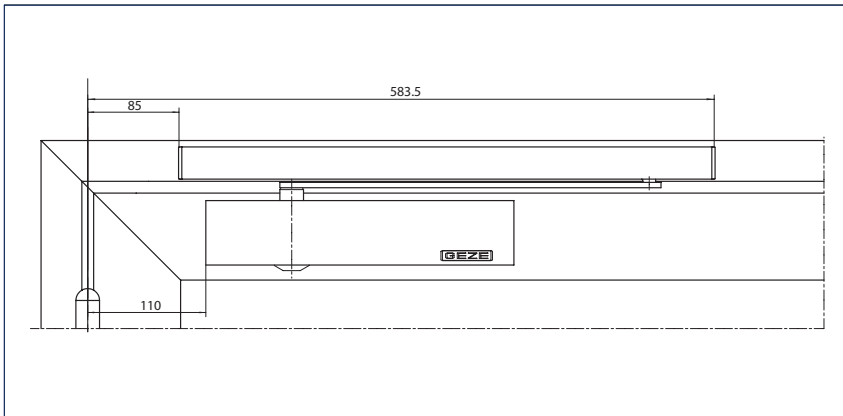
Functions

Integrated hold-open	Electrical	
Hold-open position can be overridden	•	•
Hold-open angle	80 - 130 °	above 80°
Height correction possible	•	•

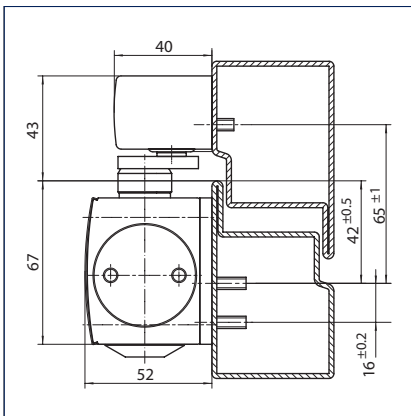
- = YES
- = OPTIONAL
- = NOT AVAILABLE

Door leaf installation/hinge side TS 5000 E

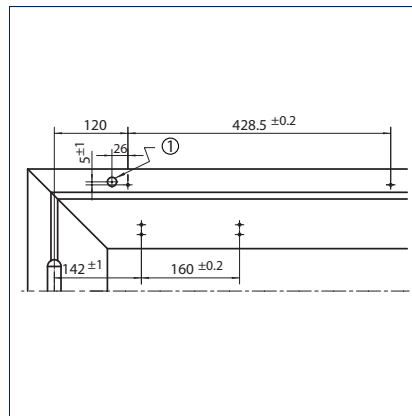
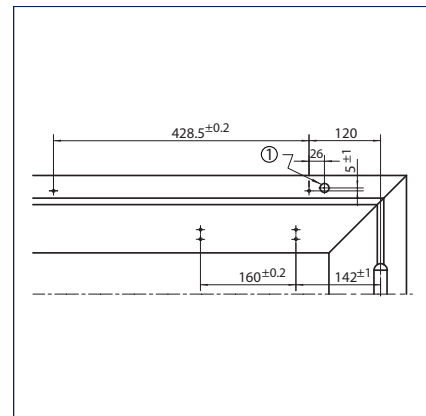
View



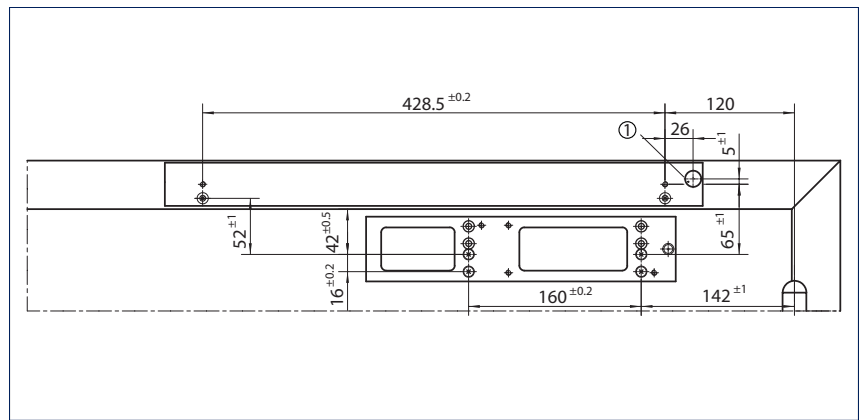
Example for installation

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

1 = Ø 15 line-feed 24 V

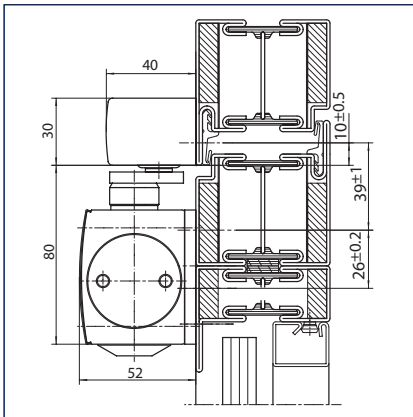


1 = Ø 15 line-feed 24 V

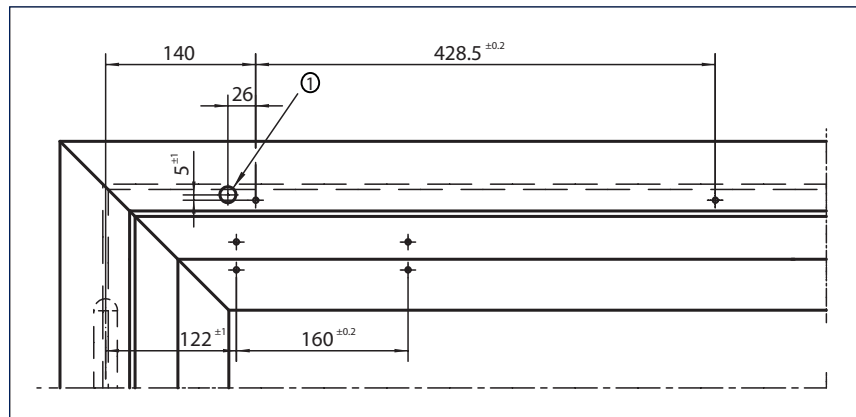
Technical drawing showing a cross-section of a window frame assembly. The drawing includes dimensions: 105 (width of the upper frame section), 603.5 (total width of the frame assembly), and 90 (height of the lower frame section). A dashed line indicates the position of the window pane. The text "GEZE" is visible on the lower frame section, indicating the manufacturer.

GEZE DOOR TECHNOLOGY

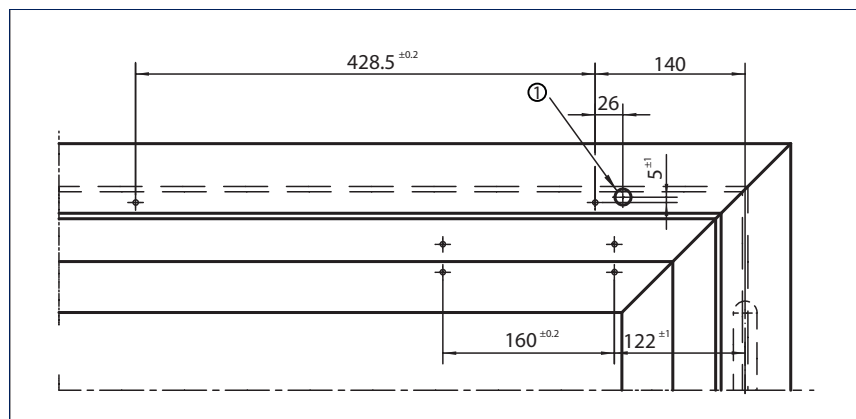
Installation with mounting plate



Cross-section = installation with mounting plate



Fitting dimensions right-hand door

1 = \varnothing 15 line-feed 24 V

Fitting dimensions left-hand door

1 = \varnothing 15 line-feed 24 V

Technical drawing of a mechanical assembly showing a cross-section of a block with a hole and a flange. Dimensions include a total height of 65 ± 1 , a hole diameter of 10 ± 0.5 , a flange thickness of 23, and a flange diameter of 40. The bottom section has a height of 16 ± 0.2 .

Technical drawing of a mechanical part, likely a bracket or support, showing dimensions and a cross-section view.

The drawing includes the following dimensions and features:

- Overall length: 428.5 ± 0.2
- Top flange width: 140
- Top flange thickness: 5 ± 1
- Distance from left edge to first hole center: 26
- Distance between hole centers: 122 ± 1
- Distance from last hole center to right edge: 160 ± 0.2
- Distance from left edge to center of the rectangular cutout: 122 ± 1
- Width of the rectangular cutout: 160 ± 0.2
- Distance from the right edge of the cutout to the right edge of the part: 88
- Distance from the right edge of the part to the center of the last hole: 10
- Overall height: 65
- Bottom flange thickness: 16
- A cross-section view (labeled 1) shows a circular hole with a diameter of $\phi 10$ and a fillet radius of $R1$.

1 = Ø 15 line-feed 24 V

[illegible]

1 = Ø 15 line-feed 24 V

Description	Version	ID.No.
GEZE TS 5000 Closer Size EN 2-6, with back check (without guide rail and lever)	silver-coloured	027333
	dark bronze	027334
	white RAL 9016	027335
	Stainless steel slide plate	137721
	acc. to RAL ²⁾	027336
GEZE TS 5000 L Closer Size EN 2-6, with back check (without guide rail and lever)	silver-coloured	027351
	dark bronze	029399
	white RAL 9016	029400
	Stainless steel slide plate	137723
	acc. to RAL ²⁾	027352
E-guide rail TS 5000 with electric hold-open device and lever	silver-coloured	116295
	dark bronze	116296
	white RAL 9016	116297
	Stainless steel effect ¹⁾	116298
	acc. to RAL ²⁾	116299
E-guide rail BG TS 5000 with electric hold-open device and lever	silver-coloured	120039
	white RAL 9016	120040
	Stainless steel effect ¹⁾	120071
	acc. to RAL ²⁾	120072

GEZE TS 3000 V / SYSTEM TS 5000

Description	Version	ID.No.
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 according to DIN EN 1154 Supplement 1	silver-coloured	049185
	dark bronze	052351
	white RAL 9016	068627
	galvanised	057956
	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-coloured	123322
	acc. to RAL ²⁾	123323
Accessories		
Door closer cap for TS 5000/ TS 5000 L / TS 4000, can only be used for door leaf mounting	silver-coloured	067724
	dark bronze	067725
	white RAL 9016	067726
	Stainless steel	072696
	brass	072698
	acc. to RAL ²⁾	000756
GEZE smoke switch control unit RSZ 6 Smoke switch and power supply for all GEZE hold-open devices	silver-coloured	099851
	dark bronze	099857
	white RAL 9016	099858
	Stainless steel effect ¹⁾	099856
	acc. to RAL ²⁾	099859
GEZE RS 5 smoke switch for mounting on ceiling and lintel	silver-coloured	027052
	dark bronze	028939
	white RAL 9016	028940
	Stainless steel effect ¹⁾	028942
	acc. to RAL ²⁾	028941
GEZE smoke switch type 142 Complete with base, 24 V DC, 25 mA	white	091273
GEZE interrupter button with glass cover and 5 interchangeable lettering Concealed version, for manual release of electrically controllable door hold-open devices		120880
GEZE interrupter button Concealed version, for manual release of electrically controllable door hold-open devices		116266
Surface-mounted box, single suitable for the AS 500 switch range		120503
Replacement glass cover for GEZE interrupter button 120880 and 120881		010994

1) Only for dry rooms

2) Surcharge for RAL special colours, see General Information in the price list.

GEZE TS 3000 V / SYSTEM TS 5000

GEZE TS 5000 R

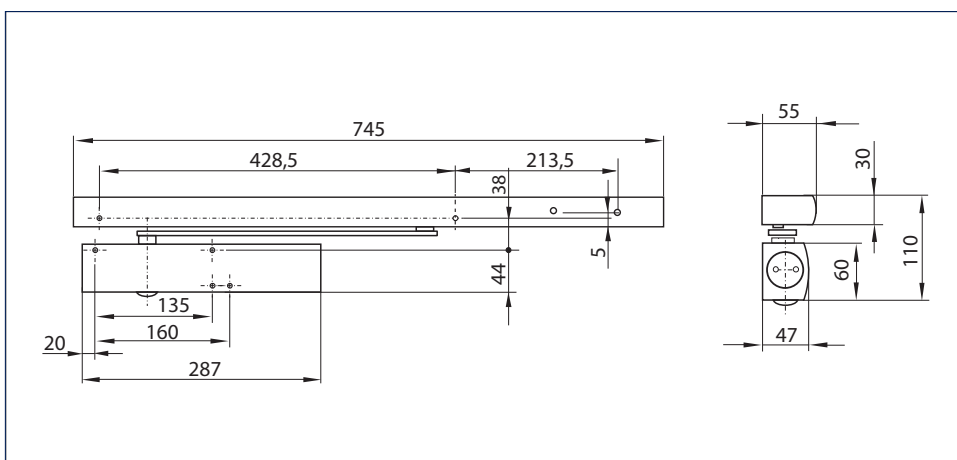
Guide rail door closer for 1-leaf doors up to 1400 mm with electric hold-open device and smoke switch control unit

The overhead door closer TS 5000 R with electromechanical hold-open device (acc. to 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 doors. In the case of fire, the smoke detector triggers and the door closes automatically. The closing force acc. to EN 1154 size 2-6, closing speed and latching action can be set from the front, the door closer has an adjustable back check and visual size indicator. The holding 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.

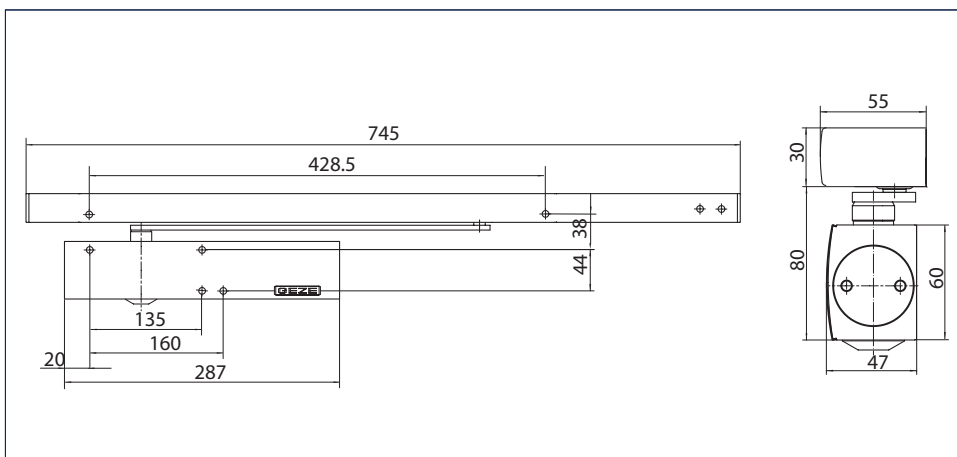
GEZE TS 5000 R



GEZE TS 5000 R



GEZE TS 5000 L-R



GEZE TS 3000 V / SYSTEM TS 5000

Application range

- For single-action doors, leaf width up to 1400 mm
- Can be used for doors mounted on the right or left without conversion
- For fireproof doors (door closer with mounting plate)

Closer technical data:

Product features	GEZE TS 5000 Closer	GEZE TS 5000 L Closer
Closing force to EN 1154	2 - 6	
Recommended leaf width up to	1400 mm	
Same version for left and right-hand doors	•	•
Product tested to	Door closer tested acc. to EN 1154	
Fire door suitability	•	•
Mounting plate with hole pattern to EN1154 supplement	•	•
Length	287 mm	
Overall depth	47 mm	
Height	60 mm	

Functions

Adjustable closing force	Yes, stepless	
Adjustable closing speed	•	•
Adjustable end stop	Yes, via valve	
Integrated backcheck	Yes, hydraulically adjustable	
Position of closing force adjustment	Front	
Visual display of the closing force	•	•
Safety valve against wilful damage	•	•
Thermo-control valves	•	•

- = YES
- = OPTIONAL
- = NOT AVAILABLE

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 to	Hold-open equipment tested acc. to EN 1155 General building approval from DIBt as a hold-open system	
Length	745 mm	
Overall depth	55 mm	
Height	30 mm	

Functions

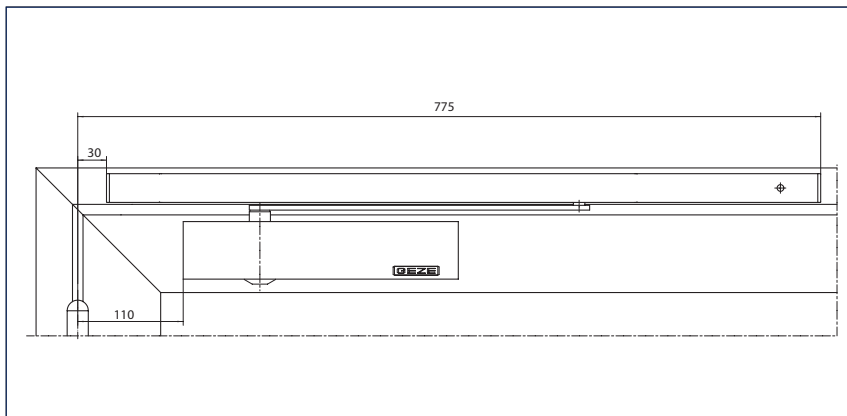
Integrated hold-open	Electrical	
Hold-open position can be overridden	•	•
Hold-open angle	80 - 130 °	above 80°
Integrated smoke switch	•	•
with visual operating state display	•	•
with clogging indicator	•	•
with alarm threshold tracing	•	•
Integrated power pack	•	•
Height correction possible	•	•

- = YES
- = OPTIONAL
- = NOT AVAILABLE

GEZE TS 3000 V / SYSTEM TS 5000

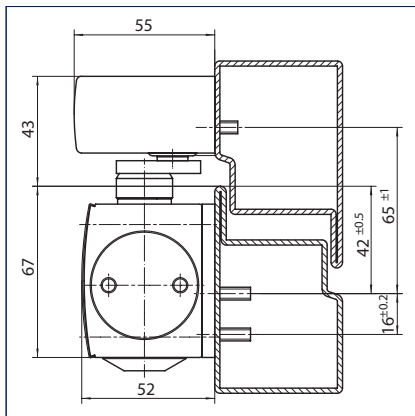
Door leaf installation/hinge side TS 5000 R

View

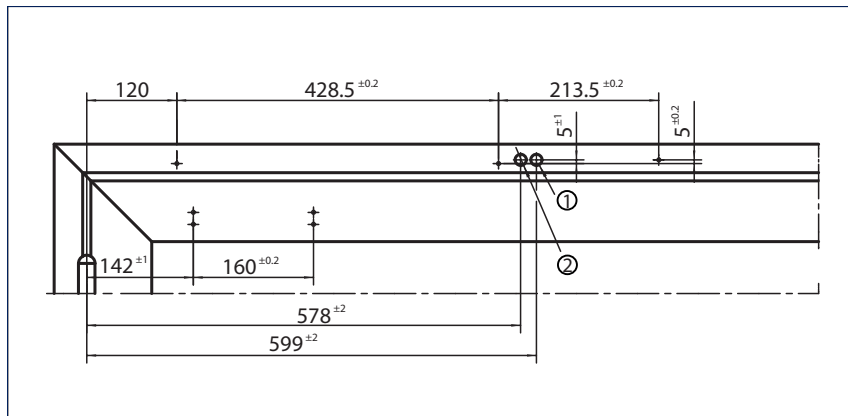


Example for installation

Installation with mounting plate

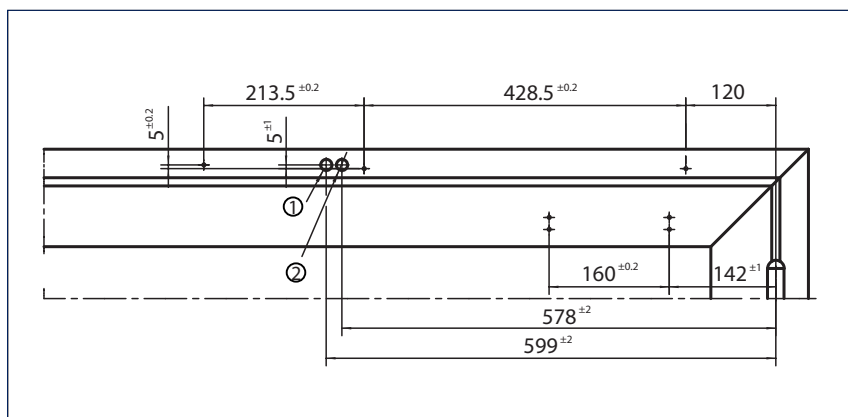


Cross-section = installation with mounting plate (distance R guide rail to the ceiling min. 20 mm)



Fitting dimensions left-hand door

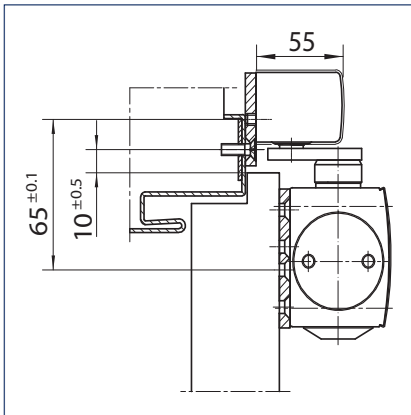
- 1 = ø 15 additional cable
- 2 = ø 15 230 V AC



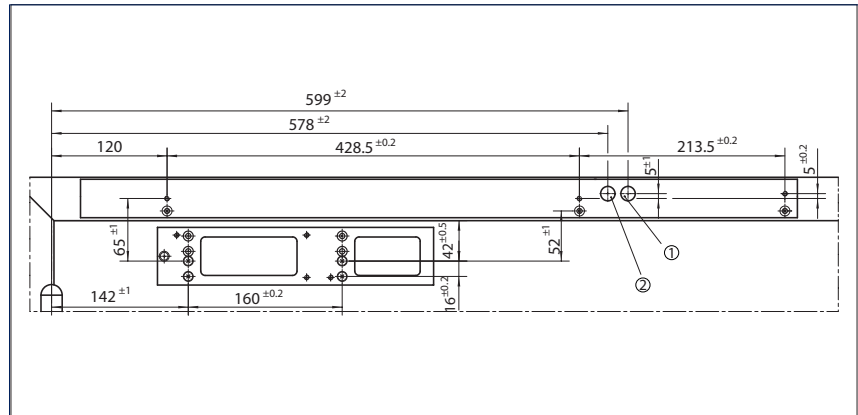
Fitting dimensions right-hand door

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

Installation on slim frames

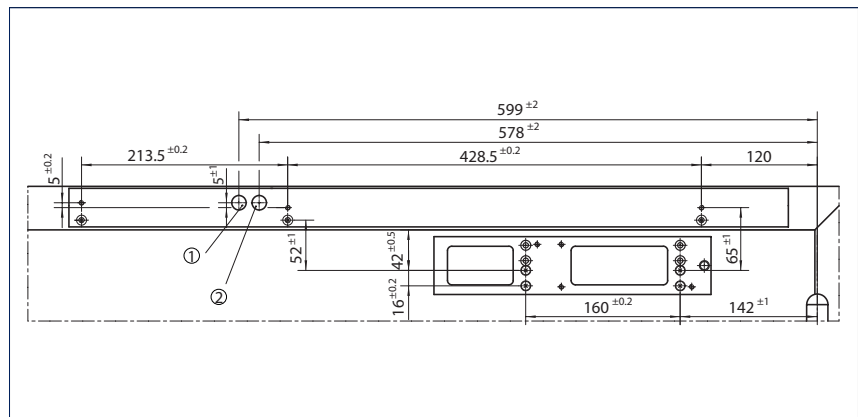


Cross-section = installation with mounting plate



Fitting dimensions left-hand door

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

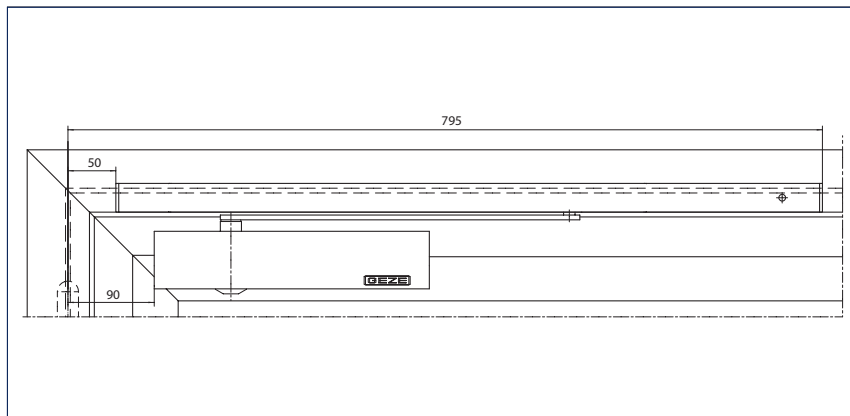


Fitting dimensions right-hand door

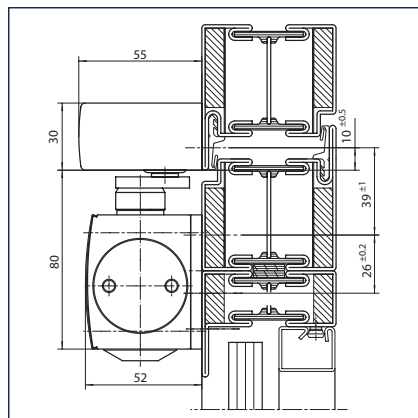
- 1 = \varnothing 15 additional cable
- 2 = \varnothing 15 230 V AC

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

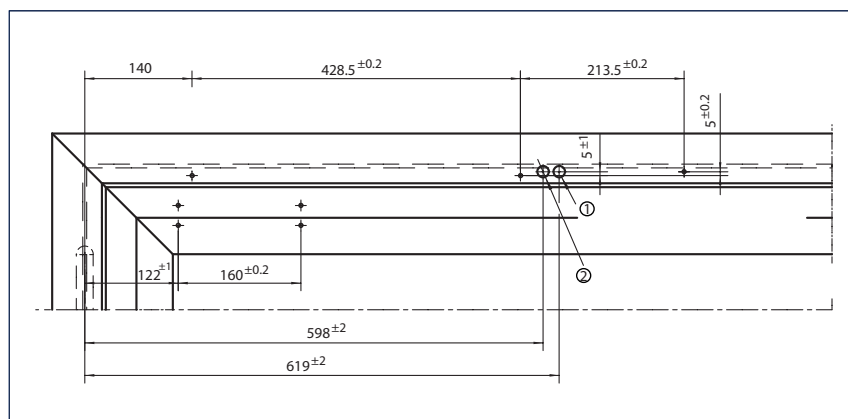
View



Example for installation

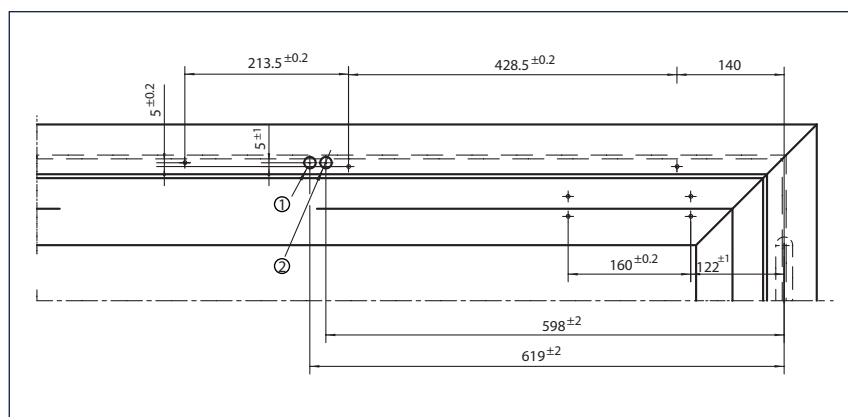
Installation with mounting plate

Cross-section = installation with mounting plate



Fitting dimensions right-hand door

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

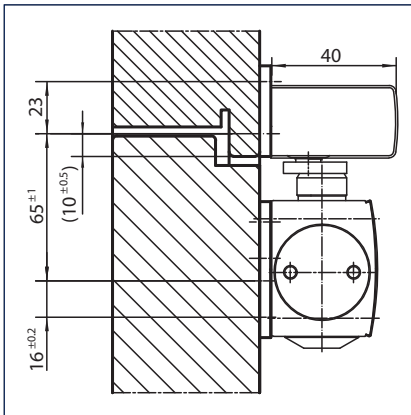


Fitting dimensions left-hand door

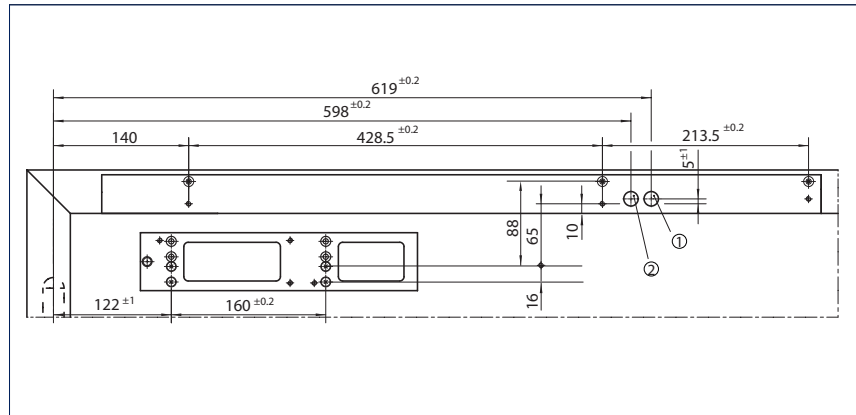
- 1 = \varnothing 15 additional cable
- 2 = \varnothing 15 230 V AC

GEZE TS 3000 V / SYSTEM TS 5000

Installation on slim frames

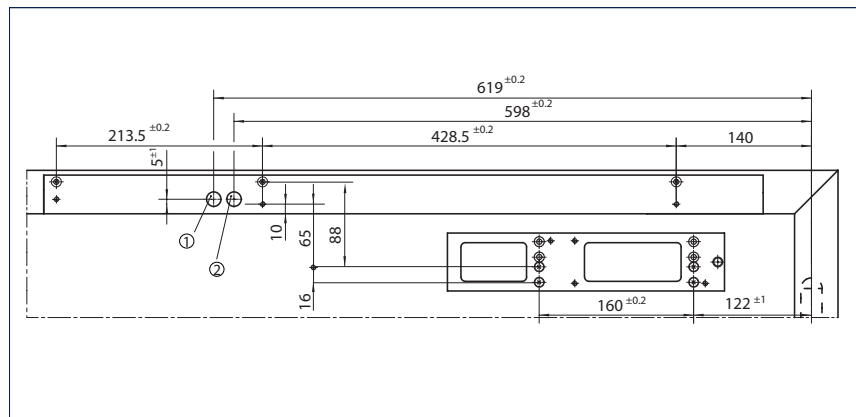


Cross-section = installation with mounting plate



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 Closer Size EN 2-6, with back check (without guide rail and lever)	silver-coloured	027333
	dark bronze	027334
	white RAL 9016	027335
	Stainless steel slide plate	137721
	acc. to RAL ²⁾	027336
GEZE TS 5000 L Closer Size EN 2-6, with back check (without guide rail and lever)	silver-coloured	027351
	dark bronze	029399
	white RAL 9016	029400
	Stainless steel slide plate	137723
	acc. to RAL ²⁾	027352
R-guide rail TS 5000 with electric hold-open device, integrated smoke switch control unit and lever	silver-coloured	116300
	dark bronze	116301
	white RAL 9016	116302
	Stainless steel effect ¹⁾	116303
	acc. to RAL ²⁾	116304
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
	Stainless steel effect ¹⁾	120075
	acc. to RAL ²⁾	120076

GEZE TS 3000 V / SYSTEM TS 5000

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 according to DIN EN 1154 Supplement 1	silver-coloured	049185
	dark bronze	052351
	white RAL 9016	068627
	galvanised	057956
	acc. to RAL ²⁾	029176
Mounting plate guide rail BG for R-guide rail	silver-coloured	123311
	acc. to RAL ²⁾	123312
Lintel casing bracket guide rail BG for R-guide rail	silver-coloured	123324
	acc. to RAL ²⁾	123325
Accessories		
Door closer cap for TS 5000/ TS 5000 L / TS 4000, can only be used for door leaf mounting	silver-coloured	067724
	dark bronze	067725
	white RAL 9016	067726
	Stainless steel	072696
	brass	072698
	acc. to RAL ²⁾	000756
GEZE RS 5 smoke switch for mounting on ceiling and lintel	silver-coloured	027052
	dark bronze	028939
	white RAL 9016	028940
	Stainless steel effect ¹⁾	028942
	acc. to RAL ²⁾	028941
GEZE smoke switch type 142 Complete with base, 24 V DC, 25 mA	white	091273
GEZE interrupter button with glass cover and 5 interchangeable lettering Concealed version, for manual release of electrically controllable door hold-open devices		120880
GEZE interrupter button Concealed version, for manual release of electrically controllable door hold-open devices		116266
Surface-mounted box, single suitable for the AS 500 switch range		120503
Replacement glass cover for GEZE interrupter button 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

Guide rail door closer for 1-leaf doors up to 1250 mm leaf width with electric freeswing function

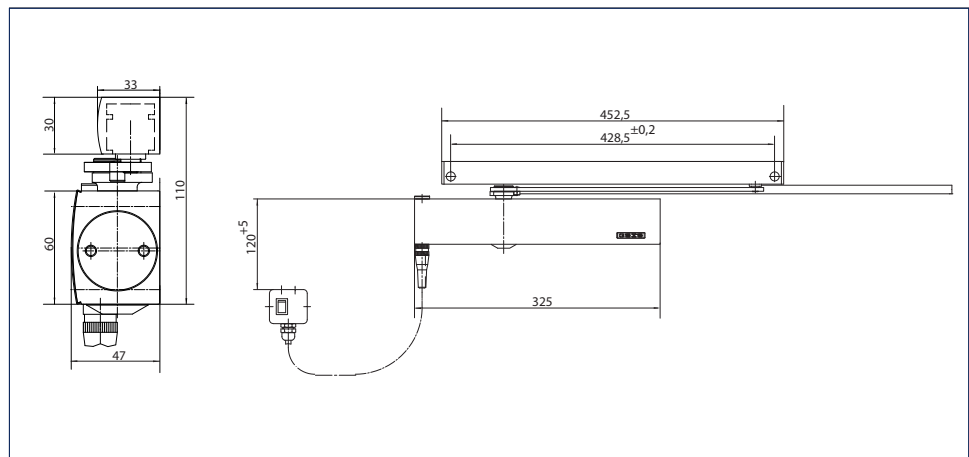
The TS 5000 EFS overhead door closer for 1-leaf doors is equipped with the “freeswing” function. It is possible to use the door with little effort in the opening or closing direction, e.g. in retirement facilities or hospitals, after the freeswing function has been activated by opening the door once to approx. 90°, e.g. in the morning. Safe automatic closing of the door in case of fire. As a result, it is approved for mounting on 1-leaf fire and smoke doors, to EN 1155. The door closer is approved for mounting on right and left-hand single-action doors with up to 1250 mm leaf width. The closing force to EN 1154, size 2-5, the closing speed and the latching action are adjustable from the front. The door closer has a visual closing force display.

Note: According to the DIBt guidelines for hold-open systems, the use of a circuit breaker for freeswing door closers is compulsory in Germany.

GEZE TS 5000 EFS



GEZE TS 5000 EFS



Application range

- For single-action doors, leaf width up to 1250 mm
- Can be used for doors mounted on the right or left without conversion
- For fireproof doors (door closer with mounting plate)
- Variant door leaf installation/hinge side or transom installation/hinge side available

GEZE TS 3000 V / SYSTEM TS 5000

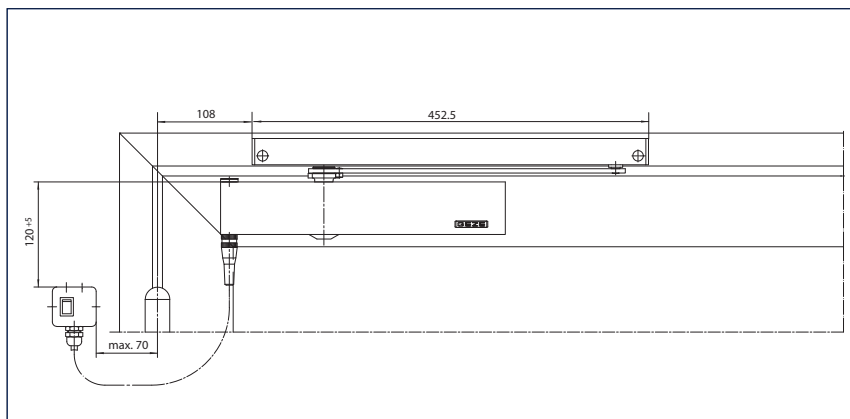
Closer technical data:

Product features	GEZE TS 5000 EFS complete package for leaf installation	GEZE TS 5000 EFS complete package for transom installation
Closing force to EN 1154	2 - 5	
Recommended leaf width up to	1250 mm	
Same version for left and right-hand doors	•	•
Supply voltage	24 V DC	
Product tested to	Door closer tested acc. to EN 1154 Hold-open equipment tested acc. to EN 1155	
Fire door suitability	•	•
Mounting plate with hole pattern to EN1154 supplement	•	•
Length	325 mm	
Overall depth	47 mm	
Height	60 mm	
Functions		
Freeswing function	•	•
Freeswing range	85 - 170 °	
Adjustable closing force	Yes, stepless	
Adjustable closing speed	•	•
Adjustable end stop	Yes, via valve	
Integrated backcheck	No	
Position of closing force adjustment	Front	
Visual display of the closing force	•	•
Safety valve against wilful damage	•	•
Thermo-control valves	•	•

- = YES
- = OPTIONAL
- = NOT AVAILABLE

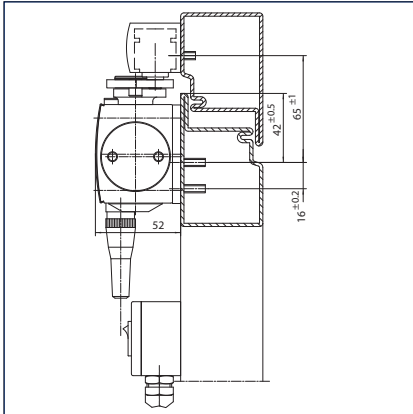
Door leaf installation/hinge side TS 5000 EFS

View

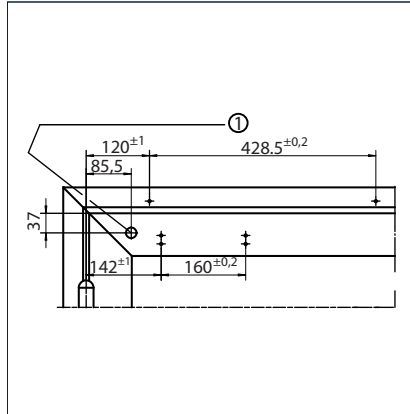
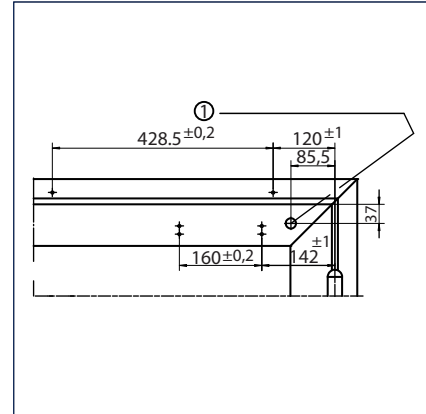


Example for installation

Installation with mounting plate

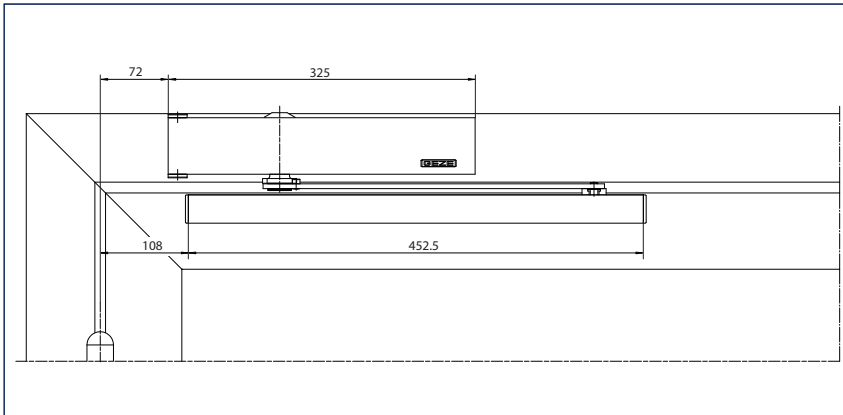


Cross-section = installation with mounting plate

Fitting dimensions left-hand door
1 = With concealed line-feed 24 VFitting dimensions right-hand door
1 = With concealed line-feed 24 V

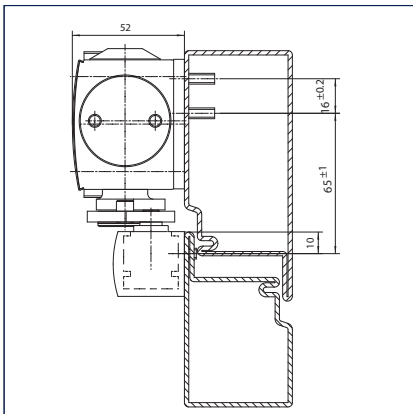
Transom installation/hinge side TS 5000 EFS

View

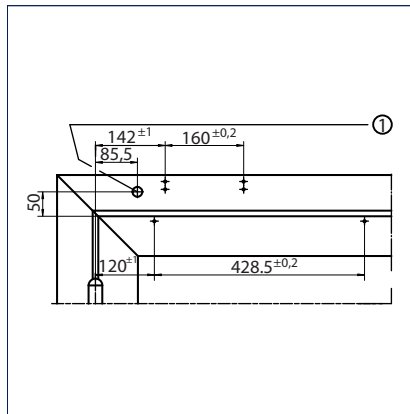
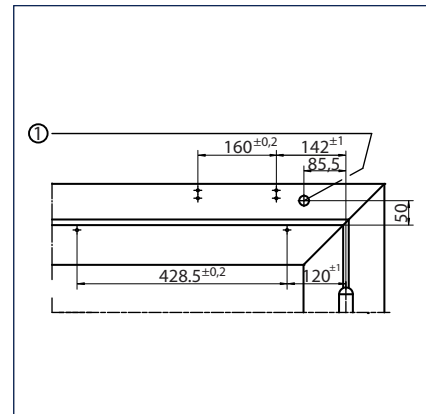


Example for installation

Installation with mounting plate



Cross-section = installation with mounting plate

Fitting dimensions left-hand door
1 = Line-feed 24 VFitting dimensions right-hand door
1 = Line-feed 24 V

GEZE TS 3000 V / SYSTEM TS 5000

GEZE TS 5000 EFS - Order information

Description	Version	ID.No.
GEZE TS 5000 EFS complete package for leaf installation Size EN 2-5, door leaf installation on the hinge side, with electric freeswing function, with guide rail and lever	silver-coloured	095076
	white RAL 9016	107956
	acc. to RAL ²⁾	098326
GEZE TS 5000 EFS complete package for transom installation Size EN 2-5, transom installation on the hinge side, with electric freeswing function, with guide rail and lever	silver-coloured	093556
	white RAL 9016	107957
	acc. to RAL ²⁾	098327
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 according to 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
	dark bronze	099857
	white RAL 9016	099858
	Stainless steel effect ¹⁾	099856
	acc. to RAL ²⁾	099859
GEZE RS 5 smoke switch for mounting on ceiling and lintel	silver-coloured	027052
	dark bronze	028939
	white RAL 9016	028940
	Stainless steel effect ¹⁾	028942
	acc. to RAL ²⁾	028941
GEZE smoke switch type 142 Complete with base, 24 V DC, 25 mA	white	091273
GEZE interrupter button with glass cover and 5 interchangeable lettering Concealed version, for manual release of electrically controllable door hold-open devices		120880
GEZE interrupter button Concealed version, for manual release of electrically controllable door hold-open devices		116266
Surface-mounted box, single suitable for the AS 500 switch range		120503
Replacement glass cover for GEZE interrupter button 120880 and 120881		010994

1) Only for dry rooms

2) Surcharge for RAL special colours, see General Information in the price list.

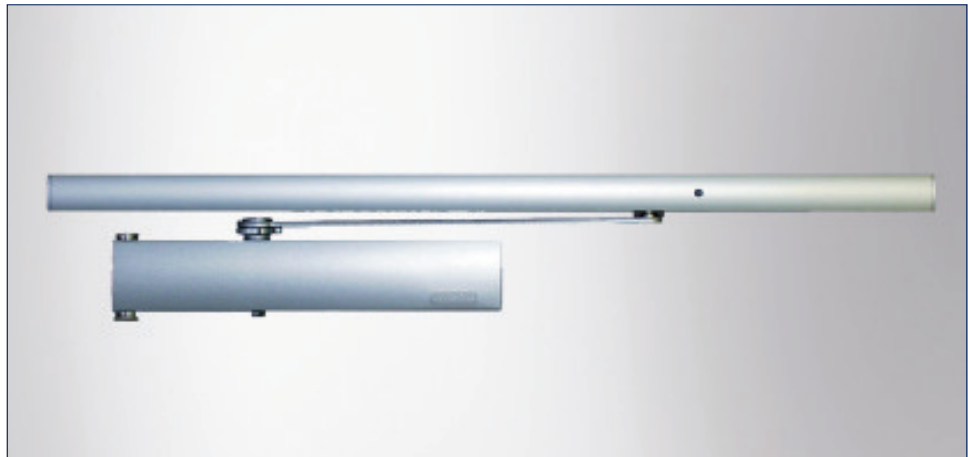
GEZE TS 5000 RFS

Guide rail door closer for 1-leaf doors up to 1250 mm leaf width with electric freeswing function and smoke switch control unit

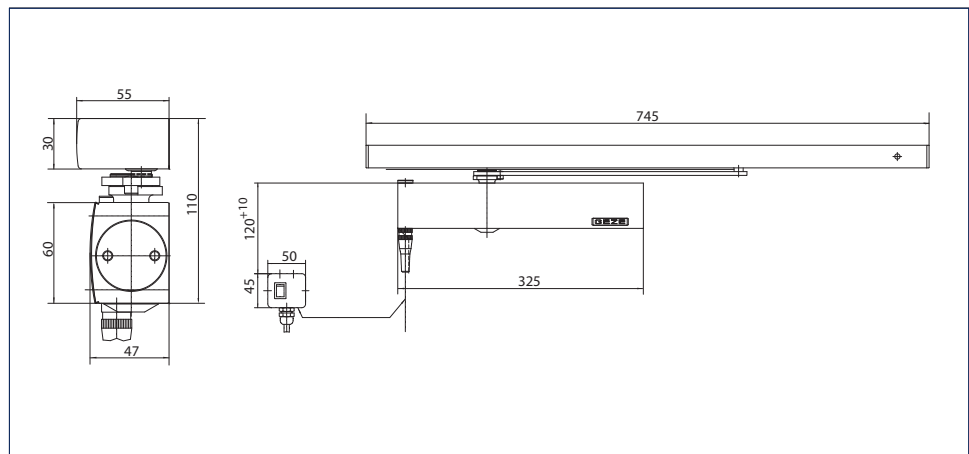
The TS 5000 RFS overhead door closer for 1-leaf doors has an integrated smoke switch and the “free swing” function. This enables the door to be used with little effort in the opening or closing direction, e.g. in retirement facilities or hospitals, after the freeswing function has been activated by opening the door once, e.g. in the morning. Safe automatic closing of the door in case of fire. As a result, it is approved for mounting on 1-leaf fire and smoke doors, to EN 1155. The closing force to EN 1154, size 2-5, the closing speed and the latching action are adjustable from the front. The door closer has a visual closing force display. The hold-open system has a national technical approval.

Note: According to the DIBt guidelines for hold-open systems, the use of a circuit breaker for freeswing door closers is compulsory in Germany.

GEZE TS 5000 RFS



GEZE TS 5000 RFS



Application range

- For single-action doors, leaf width up to 1250 mm
- Can be used for doors mounted on the right or left without conversion
- For fireproof doors (door closer with mounting plate)
- Variant door leaf installation/hinge side or transom installation/hinge side available

GEZE TS 3000 V / SYSTEM TS 5000

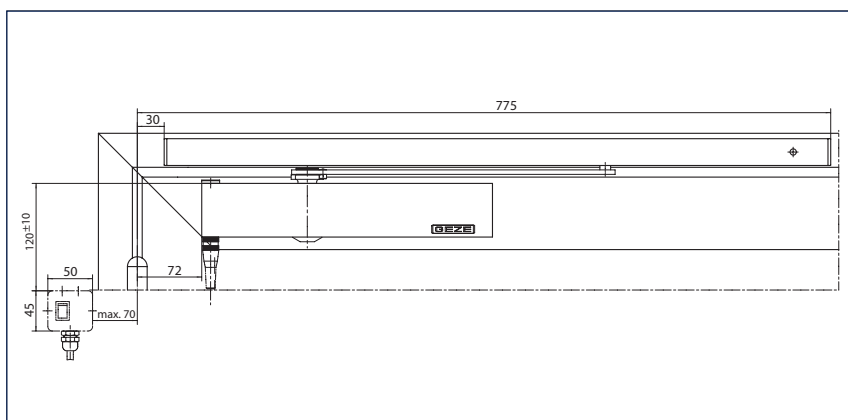
Closer technical data:

Product features	GEZE TS 5000 RFS complete package for door leaf installation	GEZE TS 5000 RFS complete package for transom installation
Closing force to EN 1154	2 - 5	
Recommended leaf width up to	1250 mm	
Same version for left and right-hand doors	•	•
Supply voltage	230 V 50 Hz	
Product tested to	Door closer tested acc. to EN 1154 Hold-open equipment tested acc. to EN 1155 General building approval from DIBt as a hold-open system	
Fire door suitability	•	•
Mounting plate with hole pattern to EN1154 supplement	•	•
Length	325 mm	548 mm
Overall depth	46 mm	66 mm
Height	60 mm	65 mm
Functions		
Freeswing function	•	•
Freeswing range	85 - 170 °	
Adjustable closing force	Yes, stepless	
Adjustable closing speed	•	•
Adjustable end stop	Yes, via valve	
Integrated backcheck	No	
Position of closing force adjustment	Front	
Visual display of the closing force	•	•
Safety valve against wilful damage	•	•
Thermo-control valves	•	•
Integrated smoke switch	•	•
with visual operating state display	•	•
with clogging indicator	•	•
with alarm threshold tracing	•	•
Integrated power pack	•	•

- = YES
- = OPTIONAL
- = NOT AVAILABLE

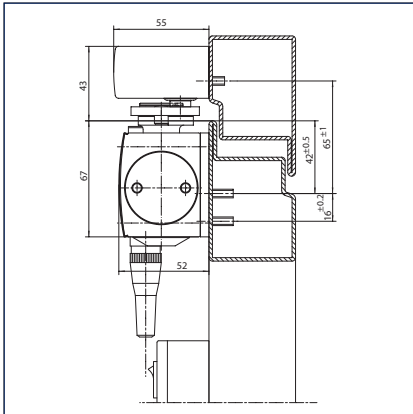
Door leaf installation/hinge side TS 5000 RFS

View

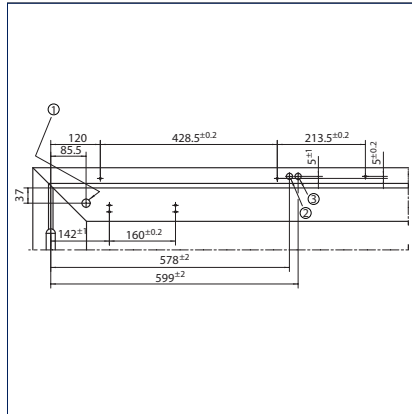


Example for installation

Installation with mounting plate

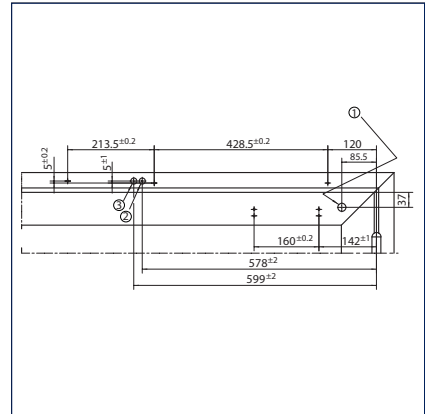


Cross-section = installation with mounting plate



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

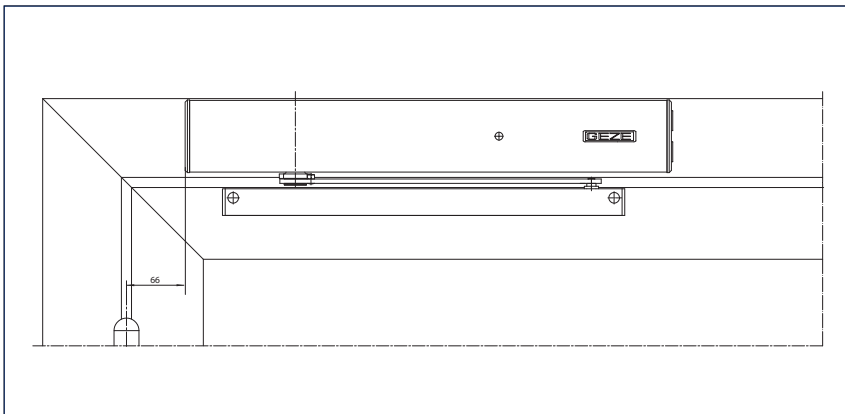


Fitting dimensions right-hand door

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

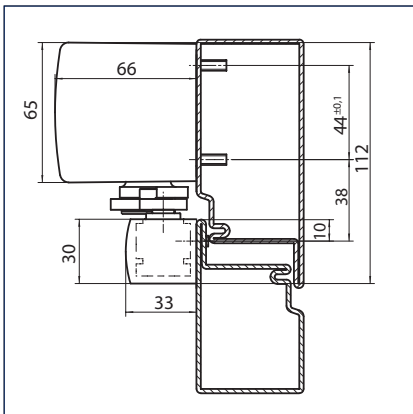
Transom installation/hinge side TS 5000 RFS

View

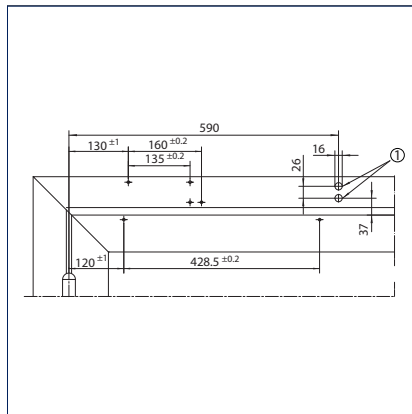


Example for installation

Direct installation

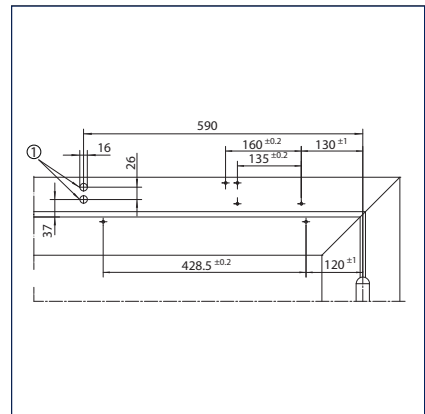


Cross-section = Direct installation



Fitting dimensions left-hand door

- 1 = Line-feed optional



Fitting dimensions right-hand door

- 1 = Line-feed optional

GEZE TS 3000 V / SYSTEM TS 5000

GEZE TS 5000 RFS - Order information

Description	Version	ID.No.
GEZE TS 5000 RFS complete package for door leaf installation Size EN 2-5, door leaf installation on the hinge side, with electric freeswing function, guide rail with integrated smoke switch control unit and lever	silver-coloured	121817
	white RAL 9016	121818
	acc. to RAL ²⁾	121819
GEZE TS 5000 RFS complete package for transom installation Size EN 2-5, transom installation on the hinge side, with electric freeswing function, integrated smoke switch control unit, guide rail and lever	silver-coloured	115200
	white RAL 9016	115202
	acc. to RAL ²⁾	115203
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
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 according to DIN EN 1154 Supplement 1	black	058808
Mounting plate door closer for TS 5000 EFS/RFS/E-HY / TS 4000 E with hole pattern according to DIN EN 1154 Supplement 1	silver-coloured	059107
	acc. to RAL ²⁾	100044
Accessories		
GEZE RS 5 smoke switch for mounting on ceiling and lintel	silver-coloured	027052
	dark bronze	028939
	white RAL 9016	028940
	Stainless steel effect ¹⁾	028942
	acc. to RAL ²⁾	028941
GEZE smoke switch type 142 Complete with base, 24 V DC, 25 mA	white	091273
GEZE interrupter button with glass cover and 5 interchangeable lettering Concealed version, for manual release of electrically controllable door hold-open devices		120880
GEZE interrupter button Concealed version, for manual release of electrically controllable door hold-open devices		116266
Surface-mounted box, single suitable for the AS 500 switch range		120503
Replacement glass cover for GEZE interrupter button 120880 and 120881		010994

1) Only for dry rooms

2) Surcharge for RAL special colours, see General Information in the price list.

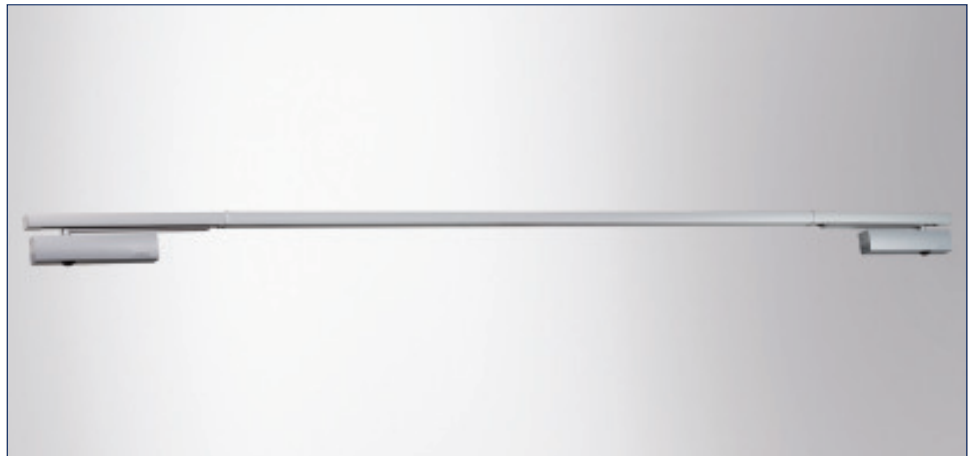
GEZE TS 5000 ISM

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

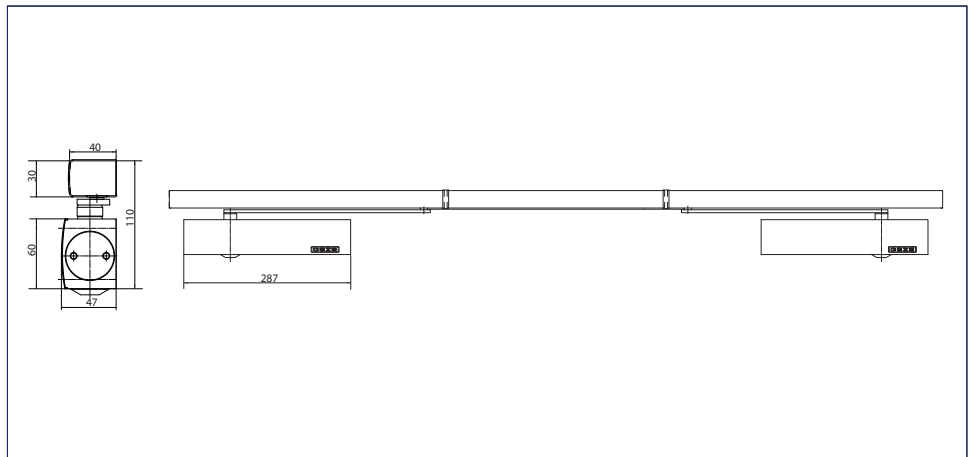
The integrated closing sequence control ensures the correct closing sequence of both doors for 2-leaf doors. When the door is closed, the active leaf remains in waiting position until the fixed leaf is closed and releases the active leaf via the closing sequence control. The GEZE system solution is made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

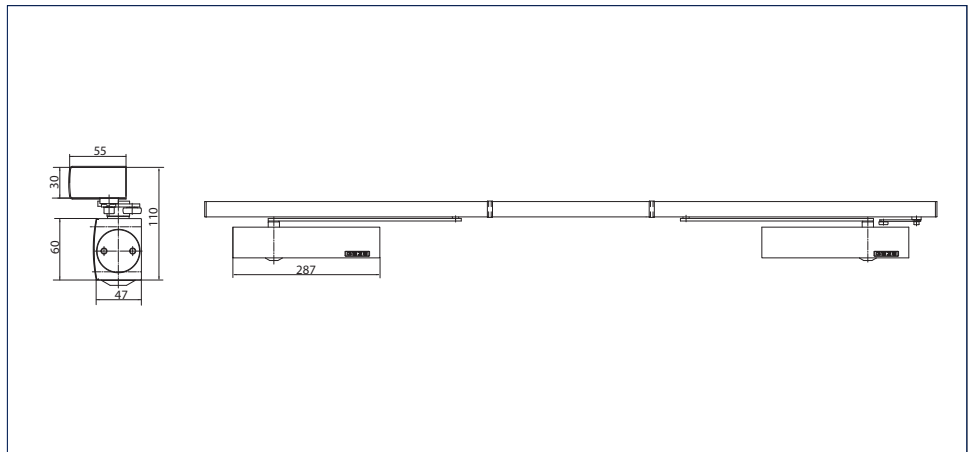
GEZE TS 5000 ISM



GEZE TS 5000 ISM



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



GEZE TS 3000 V / SYSTEM TS 5000

Area of application ISM

- For 2-leaf doors, leaf width 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 fixed leaf = 400 mm
- For fireproof doors (door closer with mounting plate)
- Can be used for doors mounted on the right or left without conversion

Area of application L-ISM

- For 2-leaf doors, leaf width 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 fixed leaf = 380 mm
- For fireproof doors (door closer with mounting plate)
- Can be used for doors mounted on the right or left without conversion
- 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

- For 2-leaf doors with full panic function, leaf width 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 fixed leaf = 380 mm
- For fireproof doors (door closer with mounting plate)
- Can be used for doors mounted on the right or left without conversion

Closer technical data:

Product features	GEZE TS 5000 Closer	GEZE TS 5000 L Closer
Closing force to EN 1154	2 - 6	
Recommended leaf width up to	1400 mm	
Same version for left and right-hand doors	•	•
Product tested to	Door closer tested acc. to EN 1154	
Fire door suitability	•	•
Mounting plate with hole pattern to EN1154 supplement	•	•
Length	287 mm	
Overall depth	47 mm	
Height	60 mm	

Functions

Adjustable closing force	Yes, stepless	
Adjustable closing speed	•	•
Adjustable end stop	Yes, via valve	
Integrated backcheck	Yes, hydraulically adjustable	
Position of closing force adjustment	Front	
Visual display of the closing force	•	•
Safety valve against wilful damage	•	•
Thermo-control valves	•	•

Guide rail technical data:

Product features	TS 5000 ISM guide rail	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 fixed leaf width	400 mm	380 mm	380 mm
Product tested to	Door closing sequence selector tested acc. to EN 1158	Door closing sequence selector tested acc. to EN 1158	Door closer tested acc. to EN 1154 Door closing sequence selector tested acc. to EN 1158
Length	2630 mm	2730 mm	2730 mm
Overall depth	40 mm	55 mm	55 mm
Height	30 mm		

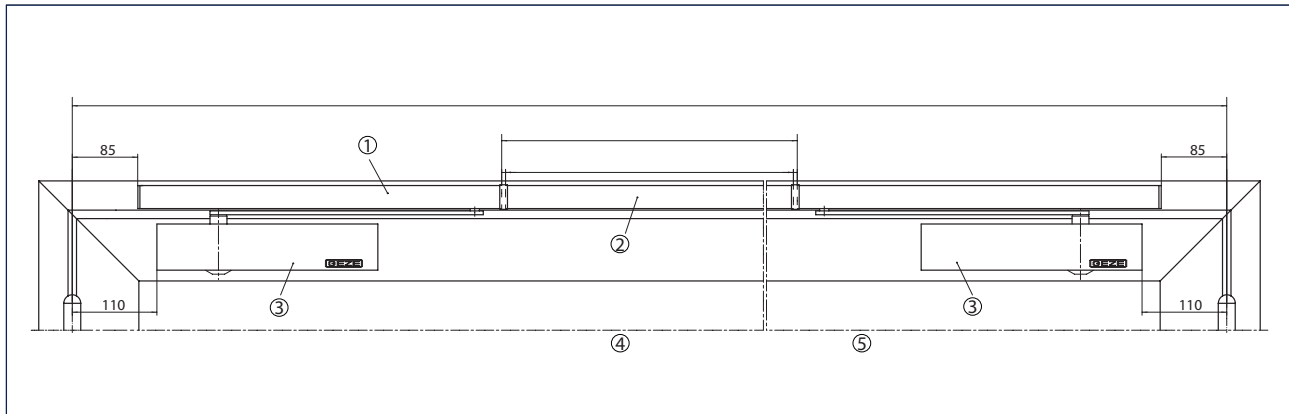
Functions

Closing sequence control, integrated	•	•	•
Integrated hold-open	○	○	○
Height correction possible	•	•	•

- = YES
- = OPTIONAL
- = NOT AVAILABLE

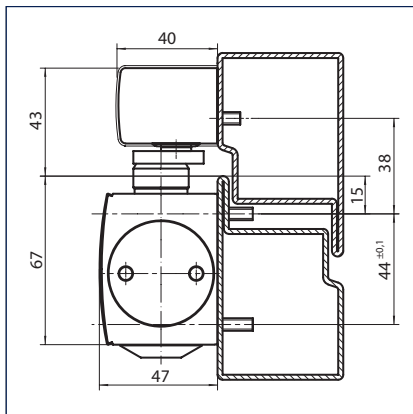
Door leaf installation/hinge side TS 5000 ISM

View

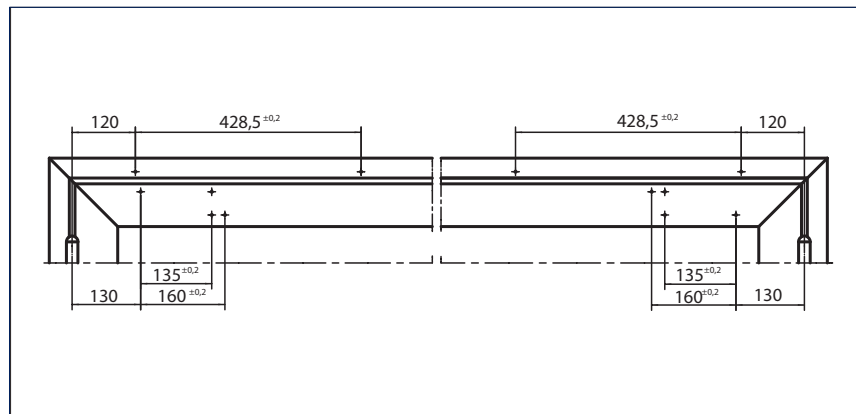


Example for installation

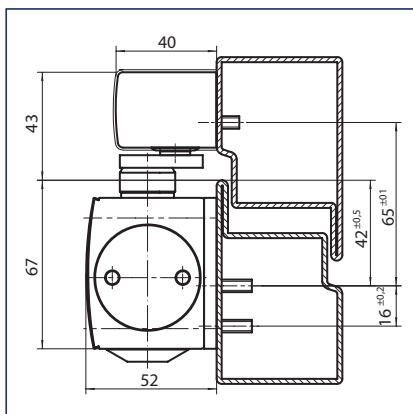
- 1 = ISM guide rail
- 2 = Middle section may be cut to size
- 3 = TS 5000
- 4 = Active leaf
- 5 = Fixed leaf

Direct installation

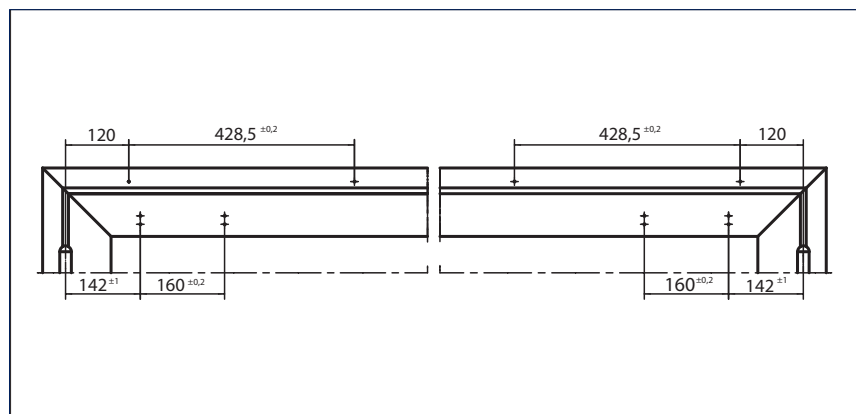
Cross-section = Direct installation



Fitting dimensions

Installation with mounting plate

Cross-section = installation with mounting plate

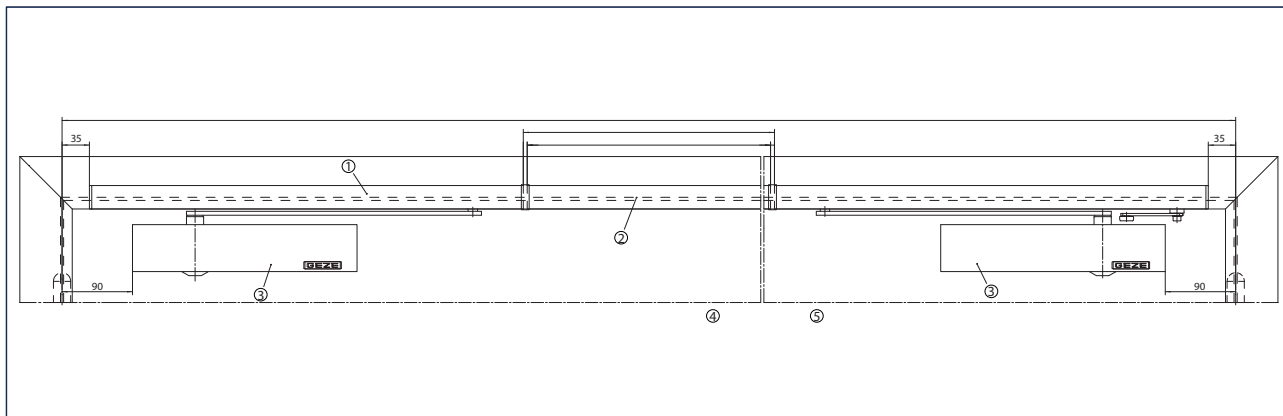


Fitting dimensions

GEZE TS 3000 V / SYSTEM TS 5000

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

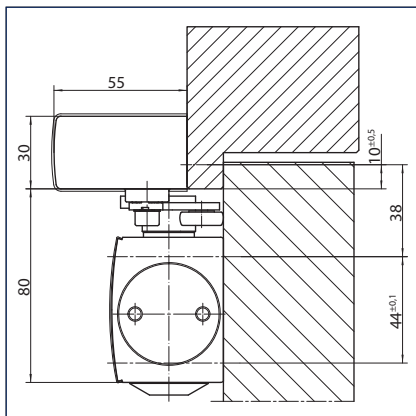
View



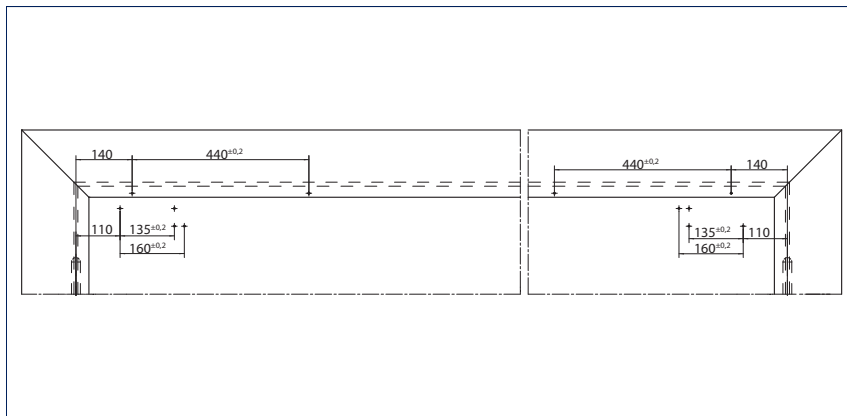
Example for installation

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

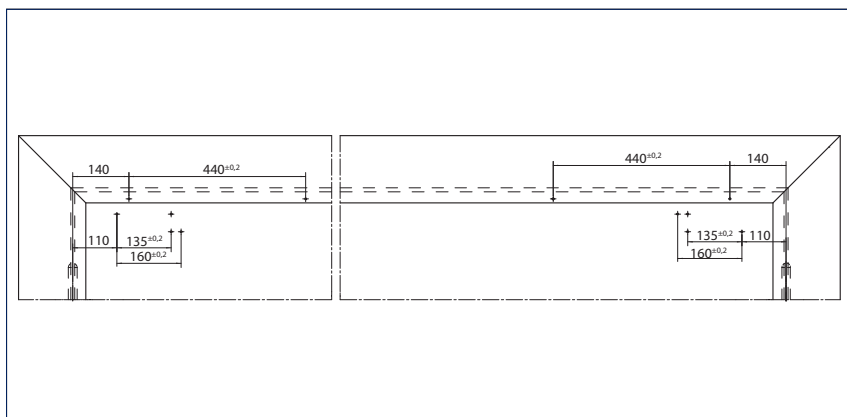
Direct installation



Cross-section = Direct installation

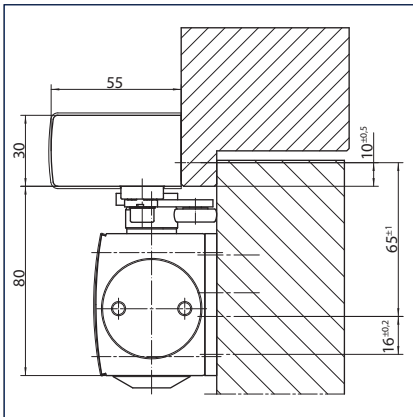


Fitting dimensions right-hand leaf = active leaf, left-hand leaf = fixed leaf

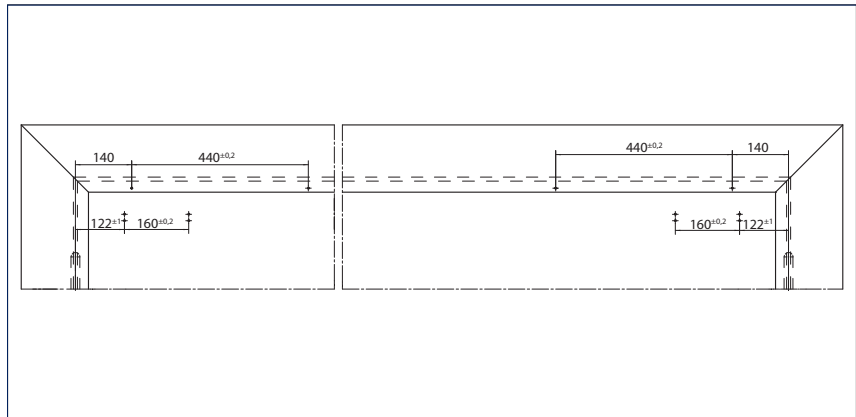


Fitting dimensions right-hand leaf = fixed leaf, left-hand leaf = active leaf

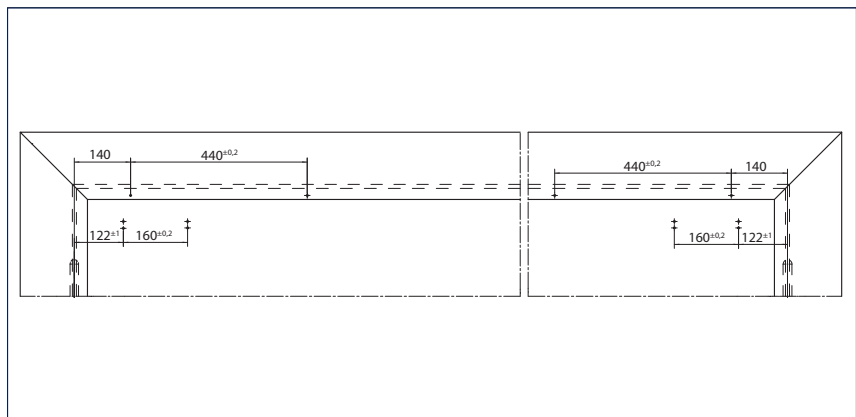
Installation with mounting plate



Cross-section = installation with mounting plate

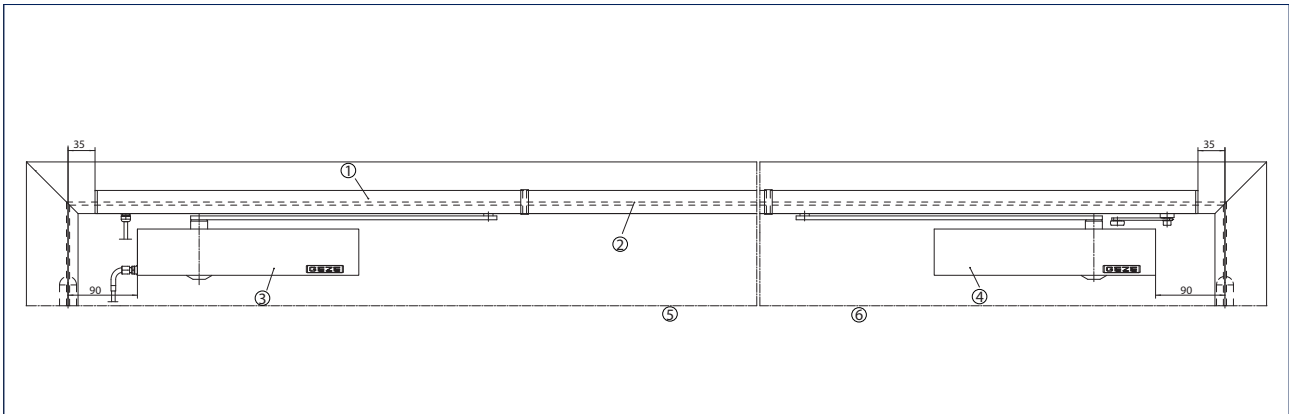


Fitting dimensions right-hand leaf = fixed leaf, left-hand leaf = active leaf



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

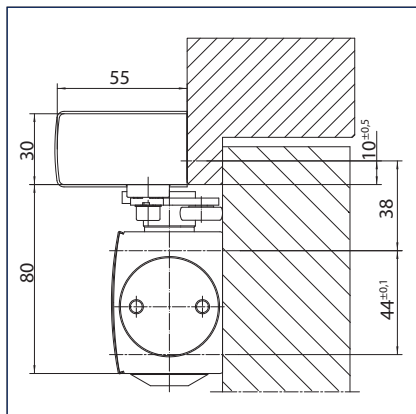
Door leaf installation/opposite hinge side TS 5000 L-ISM VPK



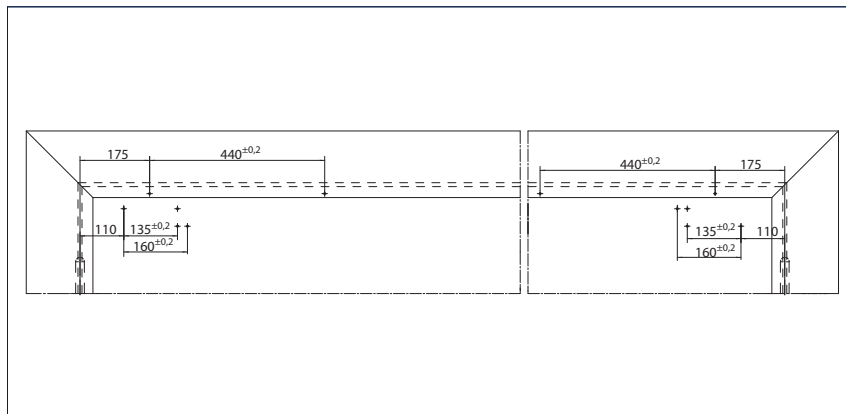
- 1 = ISM guide rail BG VPK
- 2 = Middle section may be cut to size
- 3 = TS 5000 L-IS
- 4 = TS 5000 L
- 5 = Active leaf
- 6 = Fixed leaf

GEZE TS 3000 V / SYSTEM TS 5000

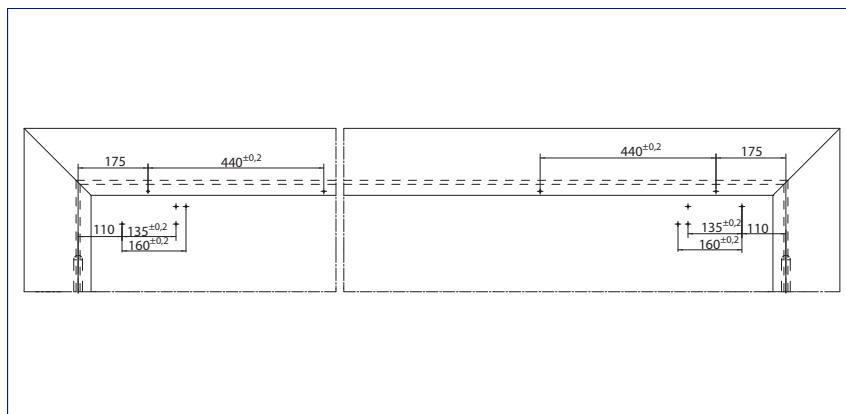
Direct installation



Cross-section = Direct installation

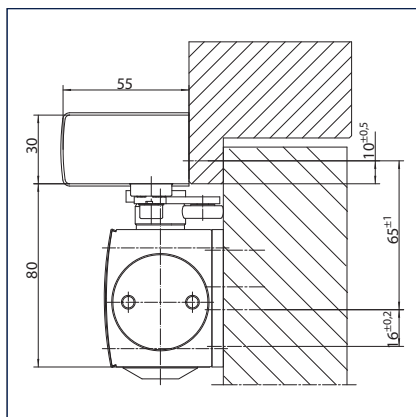


Fitting dimensions right-hand leaf = active leaf, left-hand leaf = fixed leaf

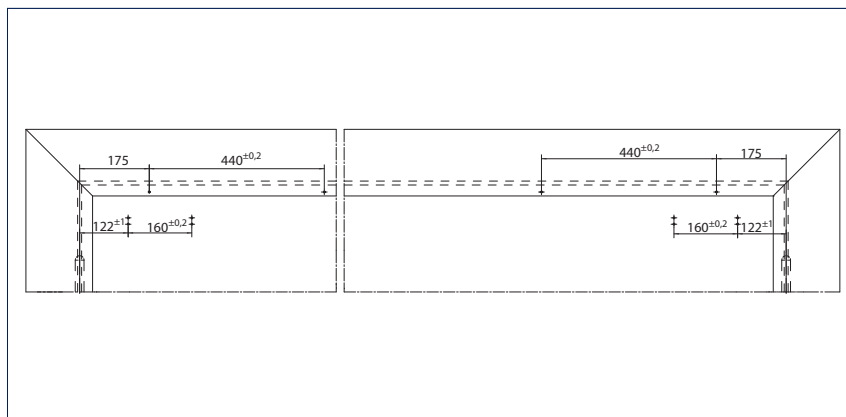


Fitting dimensions right-hand leaf = fixed leaf, left-hand leaf = active leaf

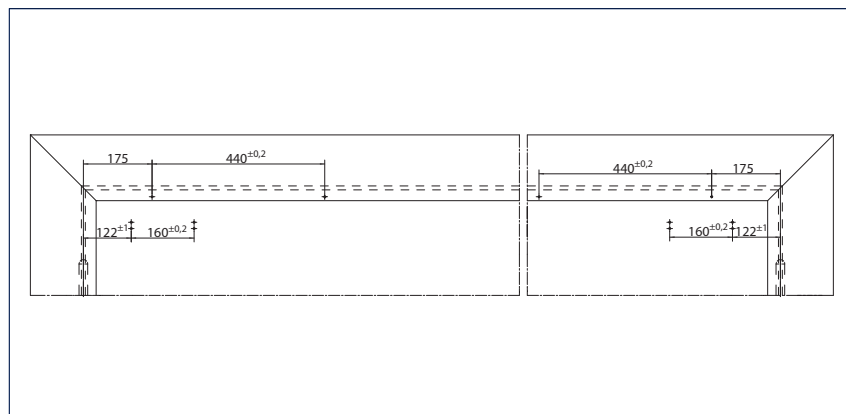
Installation with mounting plate



Cross-section = installation with mounting plate



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



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

GEZE TS 3000 V / SYSTEM TS 5000

GEZE TS 5000 ISM - 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
	dark bronze	027334
	white RAL 9016	027335
	Stainless steel slide plate	137721
	acc. to RAL ²⁾	027336
GEZE TS 5000 L Closer Size EN 2-6, with back check (without guide rail and lever)	silver-coloured	027351
	dark bronze	029399
	white RAL 9016	029400
	Stainless steel slide plate	137723
	acc. to RAL ²⁾	027352
TS 5000 ISM guide rail continuous, with integrated closing sequence control and levers	silver-coloured	115549
	dark bronze	115550
	white RAL 9016	115591
	Stainless steel effect 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
ISM-guide rail BG TS 5000 continuous, with integrated closing sequence control and levers	silver-coloured	115594
	white RAL 9016	115595
	Stainless steel effect 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 according to DIN EN 1154 Supplement 1	silver-coloured	049185
	dark bronze	052351
	white RAL 9016	068627
	galvanised	057956
	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
Mounting plate guide rail BG for ISM-BG VPK guide rail	silver-coloured	139757
	acc. to RAL	139760
Lintel casing bracket guide rail BG for ISM-BG VPK guide rail	silver-coloured	139710
	acc. to RAL	139763
Accessories		
Door closer cap for TS 5000/ TS 5000 L / TS 4000, can only be used for door leaf mounting	silver-coloured	067724
	dark bronze	067725
	white RAL 9016	067726
	Stainless steel	072696
	brass	072698
	acc. to RAL ²⁾	000756
Mechanical hold-open device for ISM-guide rail, retention force adjustable, can be overridden		118437

1) Only for dry rooms

2) Surcharge for RAL special colours, see General Information in the price list.

GEZE TS 3000 V / SYSTEM TS 5000

GEZE TS 5000 ISM-EFS

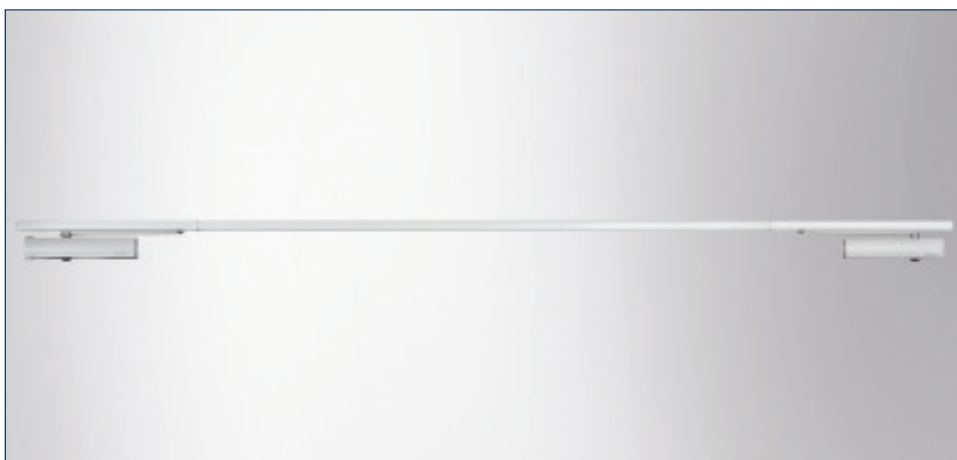
Guide rail door closer system for 2-leaf doors up to 2500 mm hinge clearance with integrated closing sequence control and electric freeswing function

In the case of the system solution GEZE TS 5000 ISM-EFS for 2-leaf doors, the „freeswing“ function is realised using the ISM-EFS guide rail and the TS 5000 E-HY door closer (with integrated hydraulic hold-open device) on the active leaf. The door must be opened once, for example, in the morning, to approximately 90°. The fixed leaf closes automatically due to the overhead TS 5000 door closer. The integrated mechanical closing sequence control is carried out by the ISM guide rail.

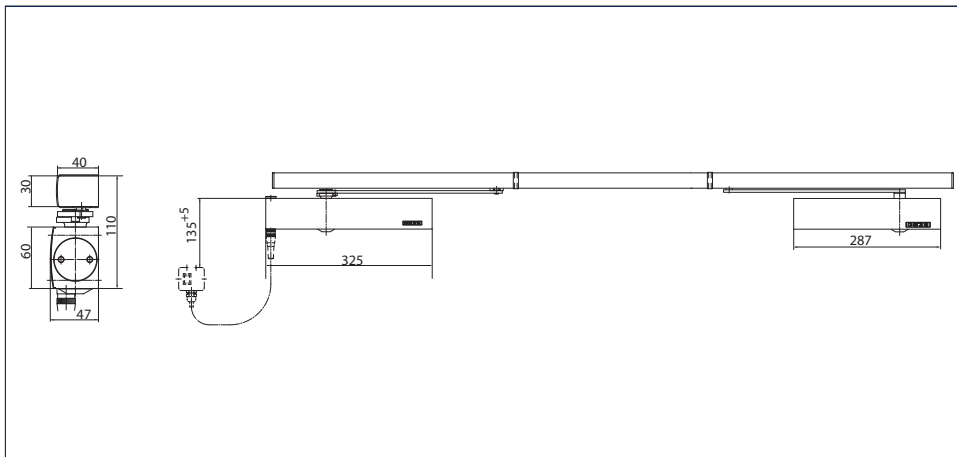
The GEZE system solution is made up of an overhead door closer TS 5000 E-HY size 2-5 acc. to EN 1154 on the active leaf and a TS 5000 size 2-6 acc. to EN 1154 on the fixed leaf, combined with ISM-EFS guide rail with integrated mechanical closing sequence control, tested acc. to EN 1158 and freeswing function on the active leaf, activated by opening the door once to 90°. The overhead door closer system TS 5000 ISM-EFS is approved for 2-leaf smoke and fire doors.

Note: According to the DIBt guidelines for hold-open systems, the use of a circuit breaker for freeswing door closers is compulsory in Germany.

GEZE TS 5000 ISM-EFS



GEZE TS 5000 ISM-EFS



Application range

- For 2-leaf doors, leaf width up to 1250 mm
- Min. hinge clearance = 1300 mm, max. hinge clearance = 2500 mm
- Symmetrical and asymmetrical division of door possible, minimum width of the fixed leaf = 400 mm, maximum door width of the active leaf = 1250 mm
- For fireproof doors (door closer with mounting plate)
- Can be used for doors mounted on the right or left without conversion

GEZE TS 3000 V / SYSTEM TS 5000

Closer technical data:

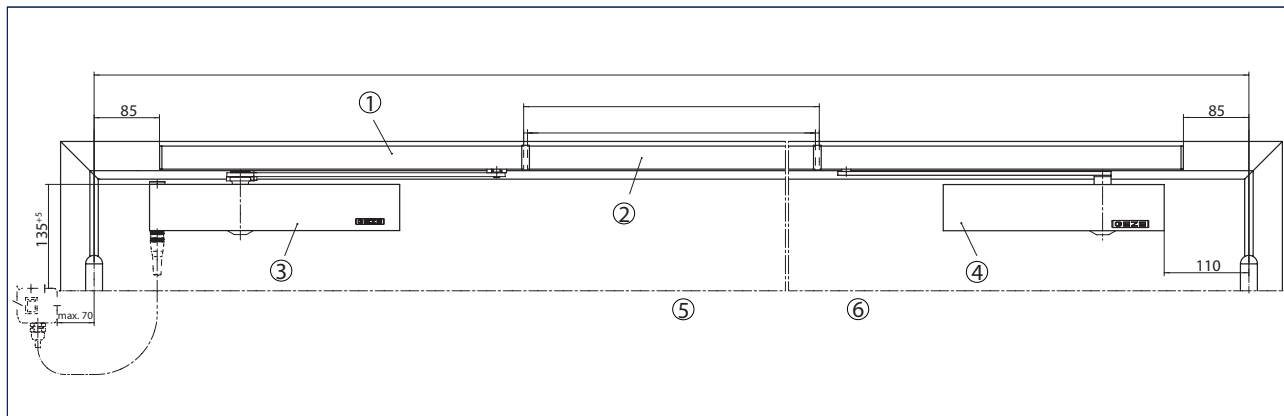
Product features	GEZE TS 5000 Closer	GEZE TS 5000 EHy Closer
Closing force to EN 1154	2 - 6	2 - 5
Recommended leaf width up to	1400 mm	1250 mm
Same version for left and right-hand doors	●	●
Supply voltage		24 V DC
Product tested to	Door closer tested acc. to EN 1154	Door closer tested acc. to EN 1154 Hold-open equipment tested acc. to EN 1155
Fire door suitability	●	●
Mounting plate with hole pattern to EN1154 supplement	●	●
Length	287 mm	325 mm
Overall depth	47 mm	46 mm
Height	60 mm	
Functions		
Adjustable closing force	Yes, stepless	
Adjustable closing speed	●	●
Adjustable end stop	Yes, via valve	
Integrated backcheck	Yes, hydraulically adjustable	No
Position of closing force adjustment	Front	
Visual display of the closing force	●	●
Safety valve against wilful damage	●	●
Thermo-control valves	●	●
● = YES ○ = OPTIONAL - = NOT AVAILABLE		

Guide rail technical data:

Product features	ISM-EFS guide rail TS 5000
Minimum hinge clearance	1300 mm
Minimum fixed leaf width	400 mm
Product tested to	Door closing sequence selector tested acc. to EN 1158
Length	2330 mm
Overall depth	40 mm
Height	30 mm
Functions	
Freeswing function	•
Freeswing range	85 - 170 °
Freeswing function on active leaf	•
Closing sequence control, integrated	•
Integrated hold-open	No
Height correction possible	•
<ul style="list-style-type: none"> • = YES ○ = OPTIONAL - = NOT AVAILABLE 	

Door leaf installation/hinge side TS 5000 ISM-EFS

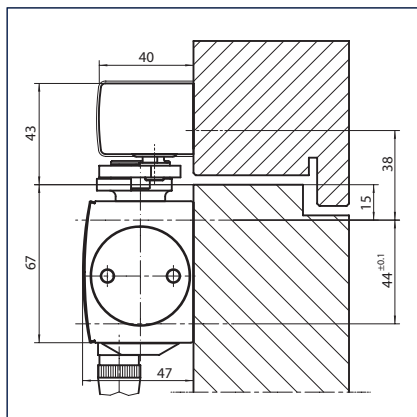
View



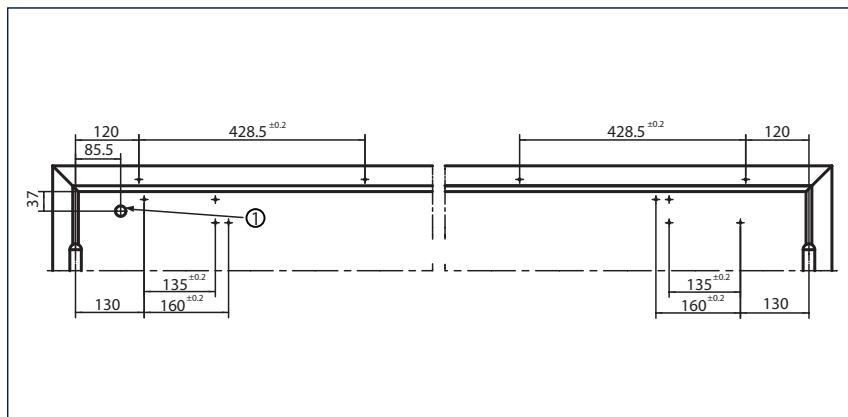
Example for installation

- 1 = ISM/EFS guide rail
- 2 = Middle section may be cut to size
- 3 = TS 5000 E-HY
- 4 = TS 5000
- 5 = Active leaf
- 6 = Fixed leaf

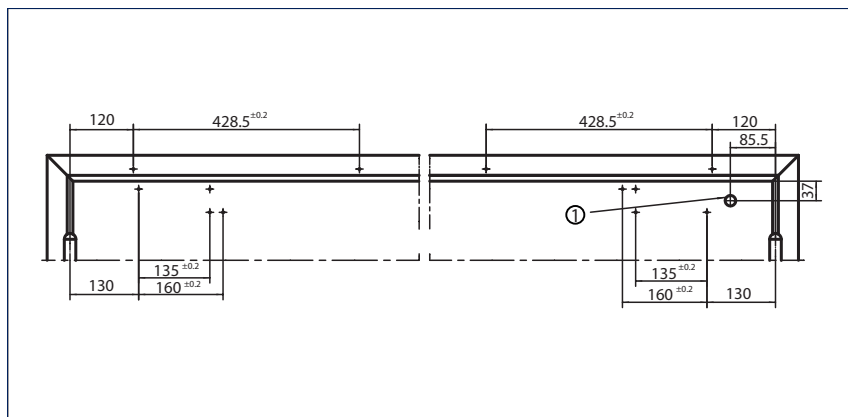
Direct installation



Cross-section = Direct installation



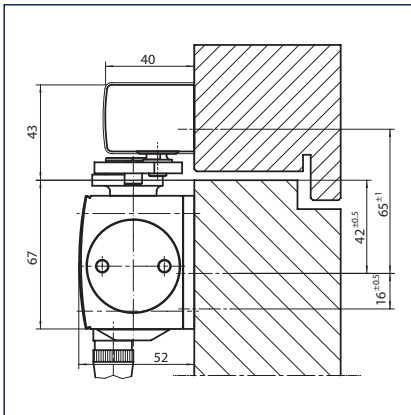
Fitting dimensions left-hand leaf = active leaf, right-hand leaf = fixed leaf

1 = $\varnothing 15$ with concealed line-feed 24 V

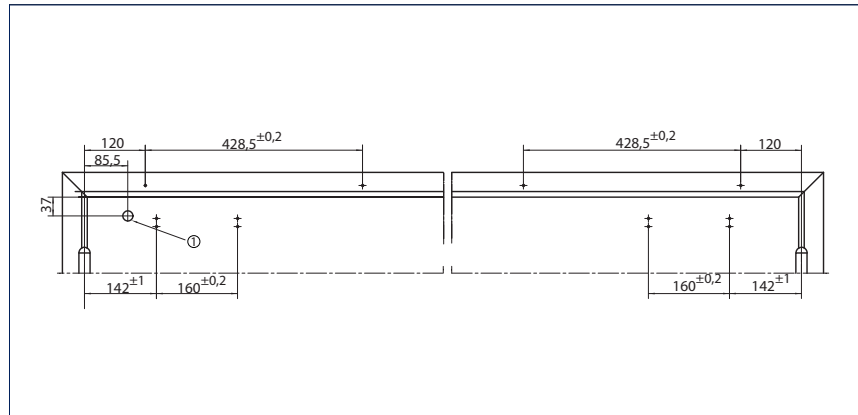
Fitting dimensions right-hand leaf = active leaf, left-hand leaf = fixed leaf

1 = $\varnothing 15$ with concealed line-feed 24 V

Installation with mounting plate

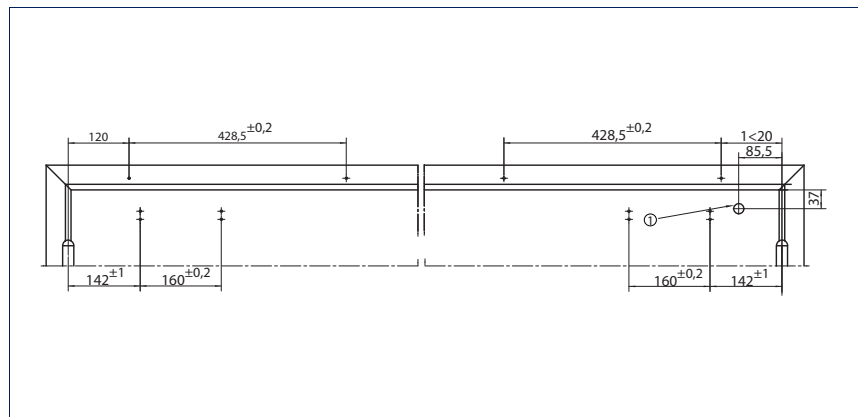


Cross-section = installation with mounting plate



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

1 = ø 15 line-feed 24 V



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

1 = ø 15 line-feed 24 V

GEZE TS 3000 V / SYSTEM TS 5000

GEZE TS 5000 ISM-EFS - 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
	dark bronze	027334
	white RAL 9016	027335
	Stainless steel slide plate	137721
	acc. to RAL ²⁾	027336
GEZE TS 5000 EHy Closer Size EN 2-5, door leaf installation on the hinge side, with electric hold-open device for freeswing function (with guide rail and lever)	silver-coloured	121389
	acc. to RAL ²⁾	099129
ISM-EFS guide rail TS 5000 continuous, with integrated closing sequence control, freeswing lever on the active leaf, normal lever on the fixed leaf	silver-coloured	121449
	acc. to RAL ²⁾	121451
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 EFS/RFS/E-HY / TS 4000 E with hole pattern according to 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 according to DIN EN 1154 Supplement 1	silver-coloured	049185
	dark bronze	052351
	white RAL 9016	068627
	galvanised	057956
	acc. to RAL ²⁾	029176
Accessories		
GEZE smoke switch control unit RSZ 6 Smoke switch and power supply for all GEZE hold-open devices	silver-coloured	099851
	dark bronze	099857
	white RAL 9016	099858
	Stainless steel effect ¹⁾	099856
	acc. to RAL ²⁾	099859
GEZE RS 5 smoke switch for mounting on ceiling and lintel	silver-coloured	027052
	dark bronze	028939
	white RAL 9016	028940
	Stainless steel effect ¹⁾	028942
	acc. to RAL ²⁾	028941
GEZE smoke switch type 142 Complete with base, 24 V DC, 25 mA	white	091273
GEZE interrupter button with glass cover and 5 interchangeable lettering Concealed version, for manual release of electrically controllable door hold-open devices		120880
GEZE interrupter button Concealed version, for manual release of electrically controllable door hold-open devices		116266
Surface-mounted box, single suitable for the AS 500 switch range		120503
Replacement glass cover for GEZE interrupter button 120880 and 120881		010994

1) Only for dry rooms

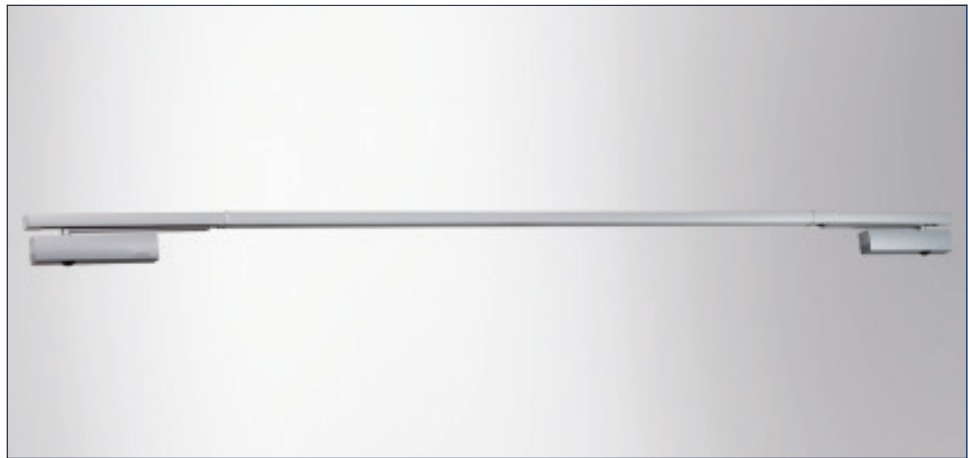
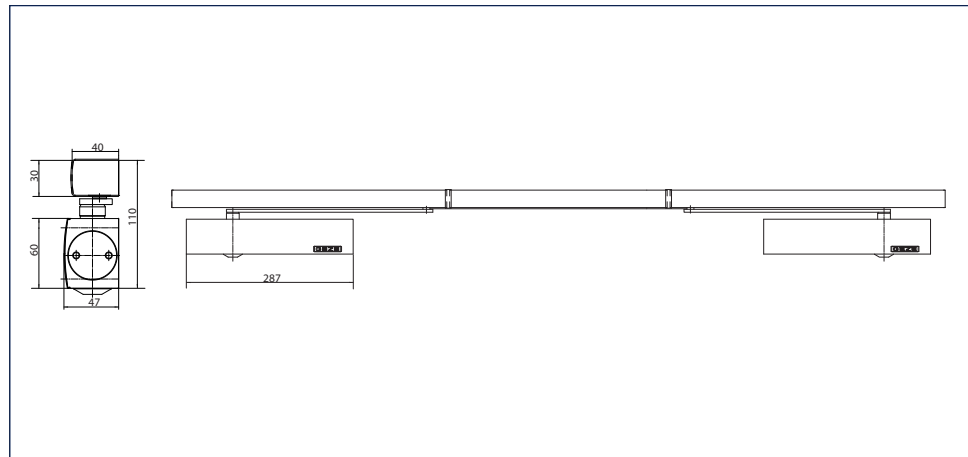
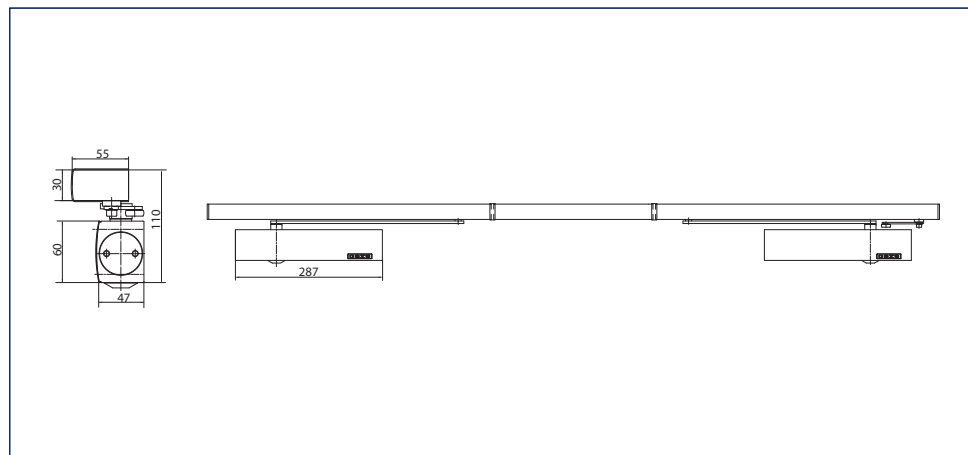
2) Surcharge for RAL special colours, see General Information in the price list.

GEZE TS 5000 E-ISM

Guide rail door closer system for 2-leaf doors 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 releases in case of fire and the doors close automatically, the system is approved for use with fire and smoke doors. The GEZE system solution consists of two TS 5000 overhead door closers with adjustable closing force, size 2-6 to EN 1154, combined with the E-ISM guide rail with integrated mechanical closing sequence control, tested to EN 1158 and electromechanical hold-open to EN 1155 on both sides. The holding 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 demands the version TS 5000 L-E-ISM VP up to an X-dimension of 100 mm is available, with asymmetric fitting dimensions.

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

GEZE TS 3000 V / SYSTEM TS 5000

Area of application E-ISM

- For 2-leaf doors, leaf width 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 fixed leaf = 400 mm
- For fireproof doors (door closer with mounting plate)
- Can be used for doors mounted on the right or left without conversion

Area of application L-E-ISM

- For 2-leaf doors, leaf width 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 fixed leaf = 380 mm
- For fireproof doors (door closer with mounting plate)
- Can be used for doors mounted on the right or left without conversion
- 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 VP

- X-dimension up to max. 100 mm (including mounting plate, see p. 8), the door opening angle on the active leaf side is $> 90^\circ$, the diagram „door opening angle“ on page 8 does not apply to the L-E-ISM VP variant
- Min. hinge clearance 1445 mm

Closer technical data:

Product features	GEZE TS 5000 Closer	GEZE TS 5000 L Closer
Closing force to EN 1154	2 - 6	
Recommended leaf width up to	1400 mm	
Same version for left and right-hand doors	•	•
Product tested to	Door closer tested acc. to EN 1154	
Fire door suitability	•	•
Mounting plate with hole pattern to EN1154 supplement	•	•
Length	287 mm	
Overall depth	47 mm	
Height	60 mm	
Functions		
Adjustable closing force	Yes, stepless	
Adjustable closing speed	•	•
Adjustable end stop	Yes, via valve	
Integrated backcheck	Yes, hydraulically adjustable	
Position of closing force adjustment	Front	
Visual display of the closing force	•	•
Safety valve against wilful damage	•	•
Thermo-control valves	•	•

- = YES
- = OPTIONAL
- = NOT AVAILABLE

GEZE TS 3000 V / SYSTEM TS 5000

Guide rail technical data:

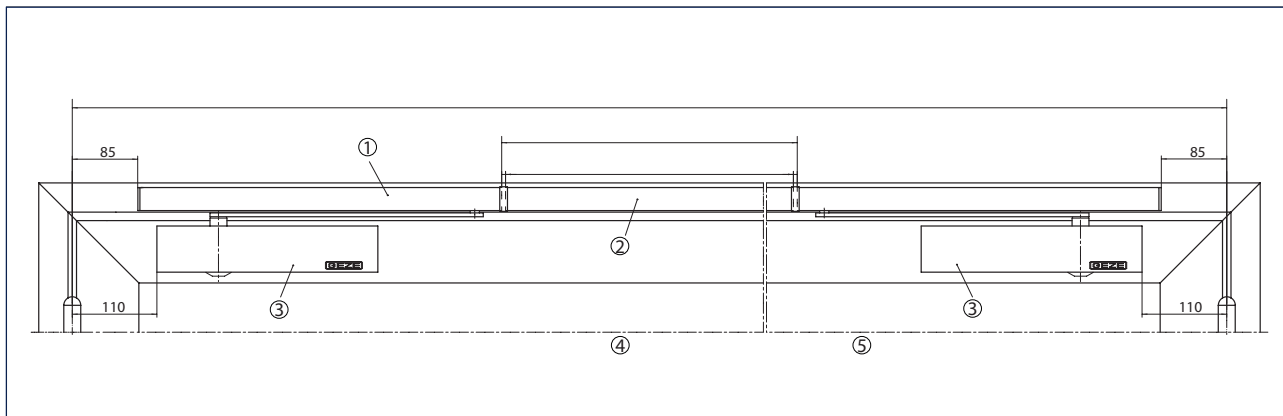
Product features	E-ISM-guide rail TS 5000	E-ISM-guide rail BG VP TS 5000
Minimum hinge clearance	1300 mm	1445 mm
Minimum fixed leaf width	400 mm	380 mm
Supply voltage	24 V DC	
Electrical power consumption	4,8 W	
Duty rating	100 %	
Residual ripple	20 %	
Enclosure rating	IP 43	
Product tested to	Hold-open equipment tested acc. to EN 1155 Door closing sequence selector tested acc. to EN 1158	
Length	2630 mm	2645 mm
Overall depth	40 mm	55 mm
Height	30 mm	
Functions		
Closing sequence control, integrated	●	●
Integrated hold-open	Electrical	
Hold-open on the active leaf / fixed leaf	● / ●	
Hold-open position can be overridden	●	●
Hold-open angle	80 - 130 °	above 80°
Height correction possible	●	●

- = YES
- = OPTIONAL
- = NOT AVAILABLE

GEZE TS 3000 V / SYSTEM TS 5000

Door leaf installation/hinge side TS 5000 E-ISM

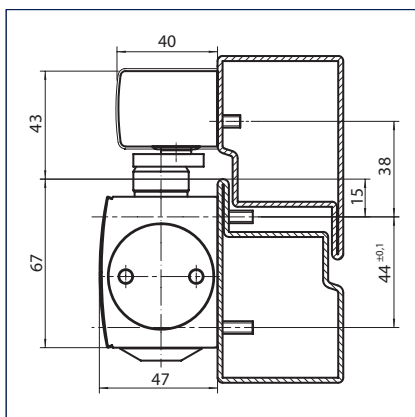
View



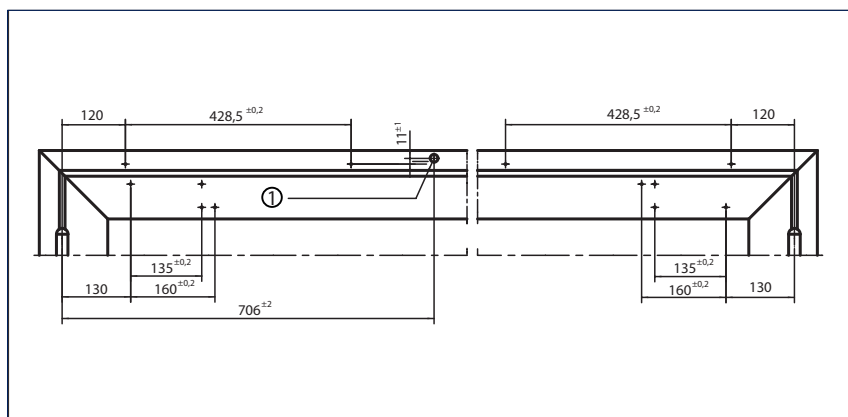
Example for installation

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

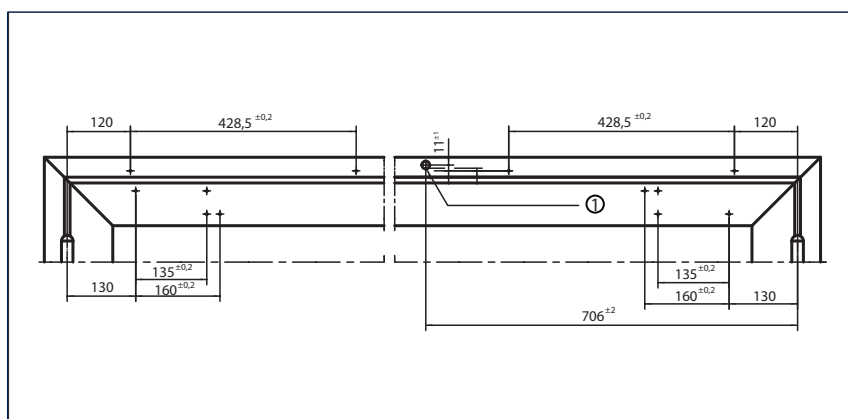
Direct installation



Cross-section = Direct installation



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

1 = \varnothing 15 line-feed 24 V

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

1 = \varnothing 15 line-feed 24 V

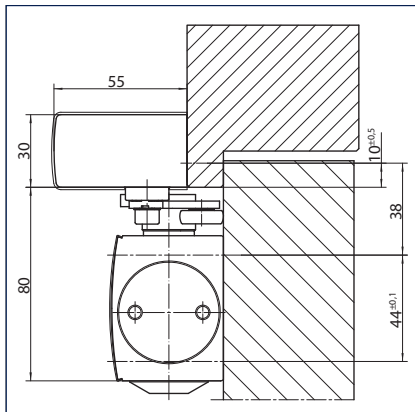
Technical drawing showing two views of a component assembly. The left view is a side elevation showing a total length of 706. It features a top flange with a width of 120 and a central section of 428,5 ±0.2. The bottom flange has a width of 142 ±1 and a central section of 160 ±0.2. A circular feature is labeled with a circled 1. The right view is a top-down plan view showing a total width of 706. It features a central section of 428,5 ±0.2 and side sections of 120. The bottom flange has a width of 142 ±1 and a central section of 160 ±0.2.

Technical drawing of a two-span continuous beam. The drawing shows the beam's profile with dimensions and reinforcement details. The total length is 706 ±2. The spans are 428,5 ±0.2 each. The beam width is 120. The height is 142 ±1. The reinforcement details include top bars (1) and bottom bars (2) with specific spacing and anchorage lengths. The drawing also shows the beam's connection to the supports, with dimensions for the support width (160 ±0.2) and the distance from the support centerline to the beam end (142 ±1).

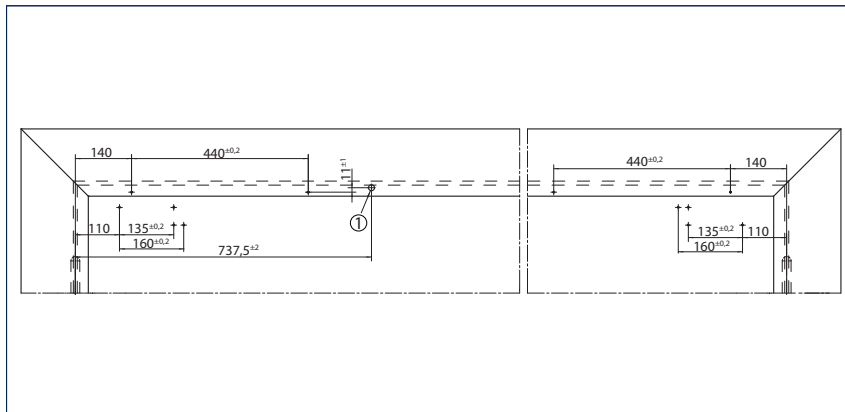
77

GEZE TS 3000 V / SYSTEM TS 5000

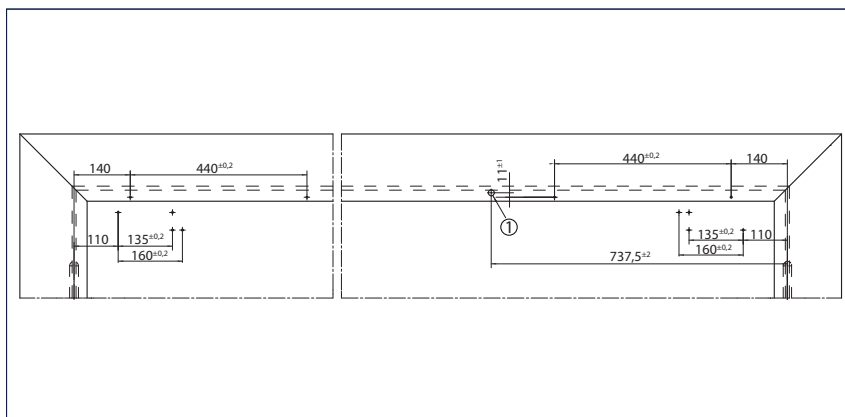
Direct installation



Cross-section = Direct installation



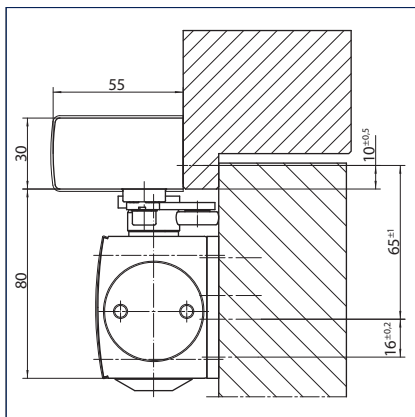
Fitting dimensions right-hand leaf = active leaf, left-hand leaf = fixed leaf

1 = \varnothing 15 line-feed 24 V

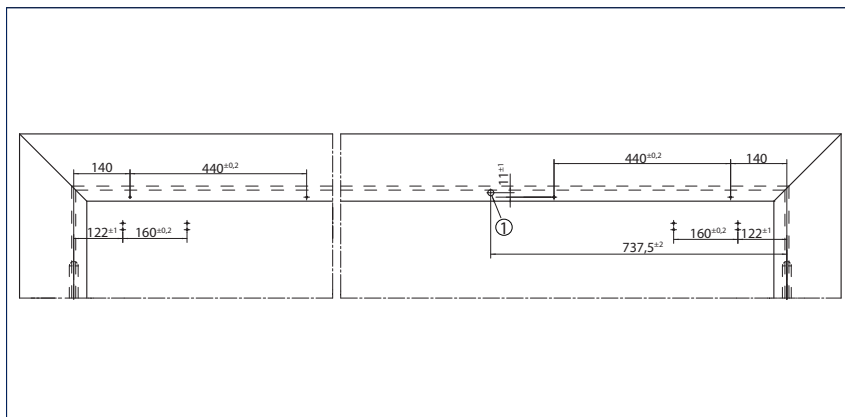
Fitting dimensions right-hand leaf = fixed leaf, left-hand leaf = active leaf

1 = \varnothing 15 line-feed 24 V

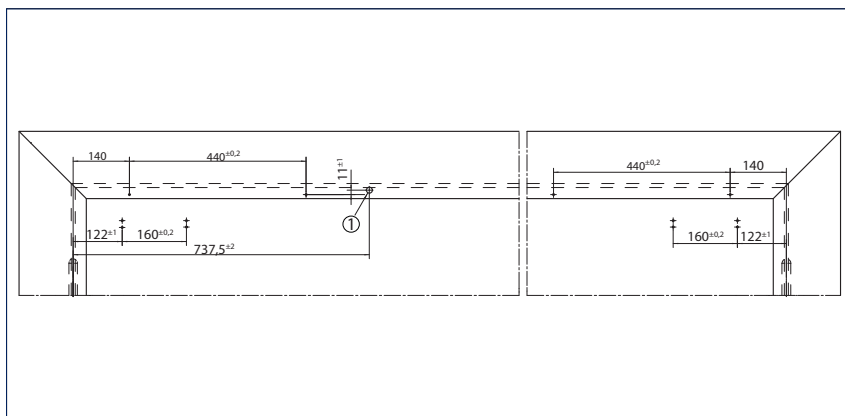
Installation with mounting plate



Cross-section = installation with mounting plate



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

1 = \varnothing 15 line-feed 24 V

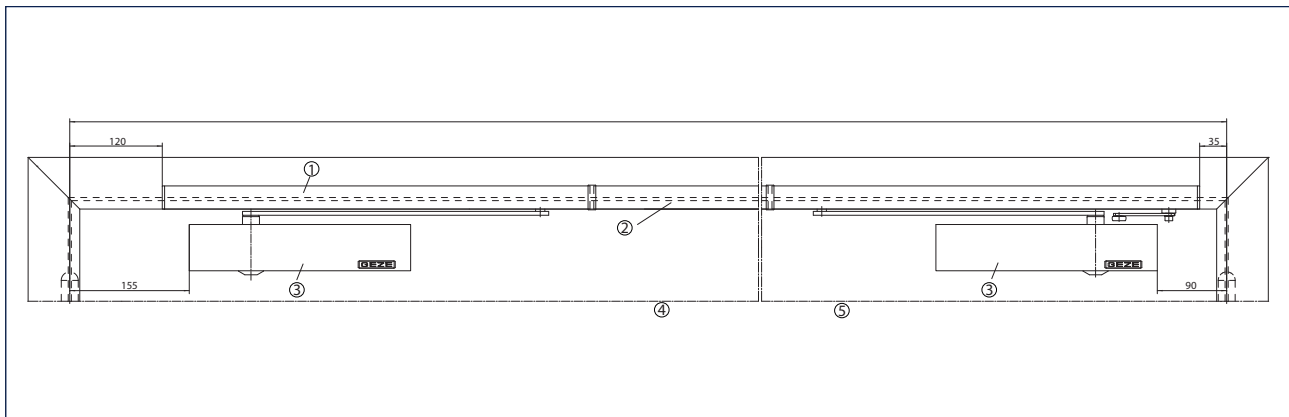
Fitting dimensions right-hand leaf = active leaf, left-hand leaf = fixed leaf

1 = \varnothing 15 line-feed 24 V

GEZE TS 3000 V / SYSTEM TS 5000

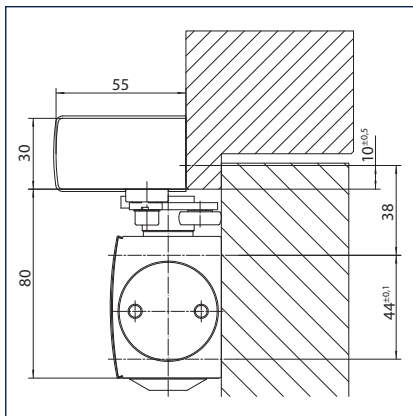
Door leaf installation/opposite hinge side TS 5000 L-E-ISM VP

View

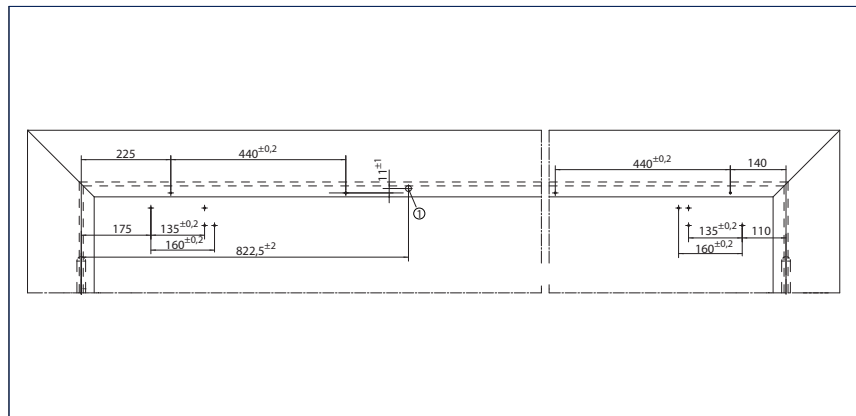


- 1 = E-ISM guide rail BG VP
- 2 = Middle section may be cut to size
- 3 = TS 5000 L
- 4 = Active leaf
- 5 = Fixed leaf

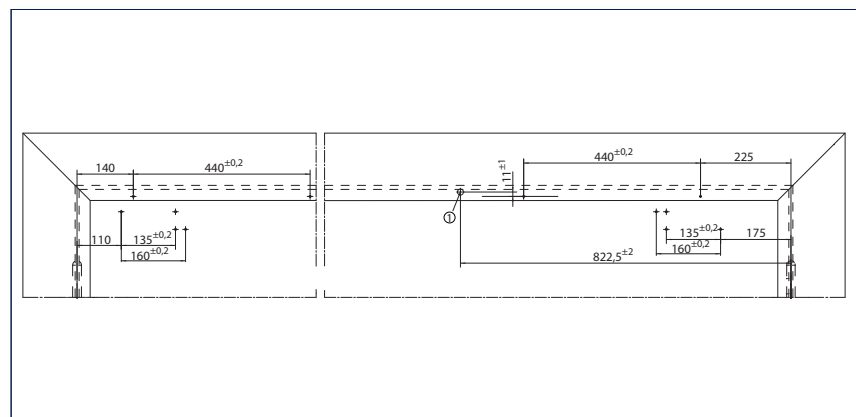
Direct installation



Cross-section = Direct installation



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

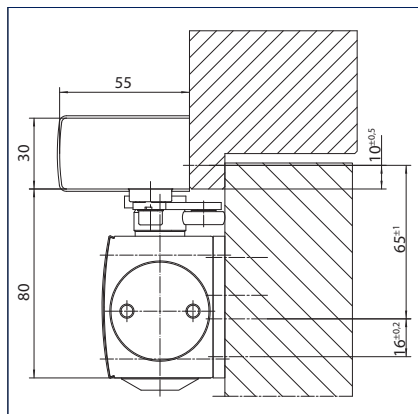
1 = \varnothing 15 line-feed 24 V

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

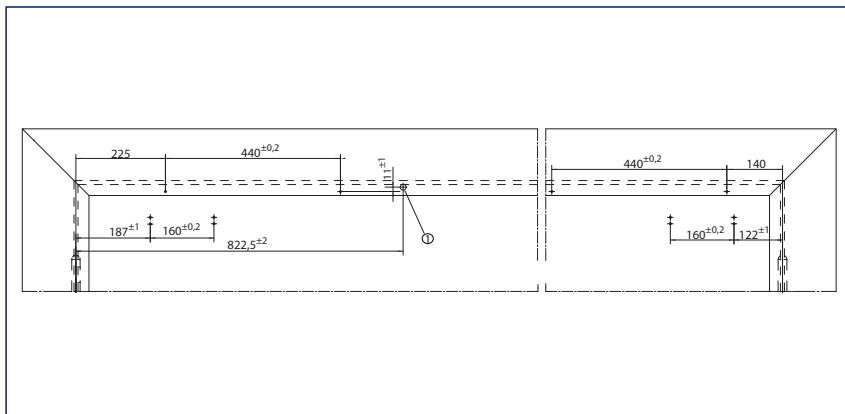
1 = \varnothing 15 line-feed 24 V

GEZE TS 3000 V / SYSTEM TS 5000

Installation with mounting plate

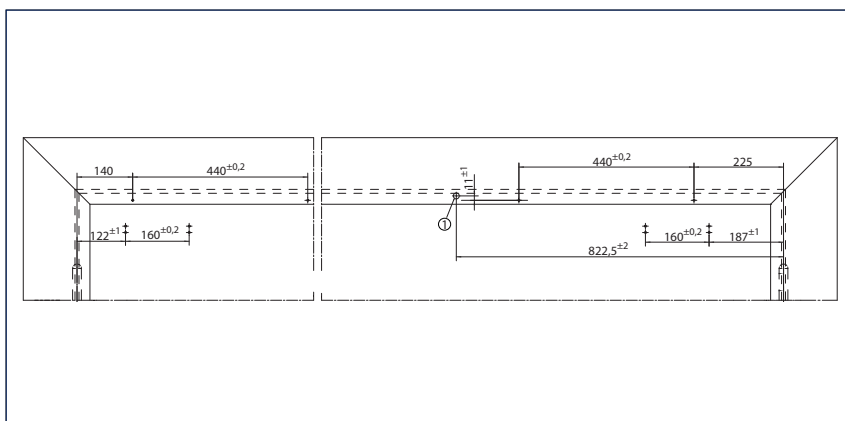


Cross-section = installation with mounting plate



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

1 = ø 15 line-feed 24 V



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

1 = ø 15 line-feed 24 V

GEZE TS 5000 E-ISM - 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
	dark bronze	027334
	white RAL 9016	027335
	Stainless steel slide plate	137721
	acc. to RAL ²⁾	027336
GEZE TS 5000 L Closer Size EN 2-6, with back check (without guide rail and lever)	silver-coloured	027351
	dark bronze	029399
	white RAL 9016	029400
	Stainless steel slide plate	137723
	acc. to RAL ²⁾	027352
E-ISM-guide rail TS 5000 continuous, with integrated closing sequence control, electric hold-open device and levers on both sides	silver-coloured	115600
	dark bronze	115601
	white RAL 9016	115602
	Stainless steel effect 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
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
	Stainless steel effect ¹⁾	115606
	acc. to RAL ²⁾	115607

GEZE TS 3000 V / SYSTEM TS 5000

Description	Version	ID.No.
E-ISM-guide rail BG TS 5000 continuous, with integrated closing sequence control, electric hold-open device and levers on both sides	silver-coloured	115608
	white RAL 9016	115609
	Stainless steel effect ¹⁾	115610
	acc. to RAL ²⁾	115611
E-ISM-guide rail BG VP TS 5000 continuous, with integrated closing sequence control, electric hold-open device and levers on both sides, especially for full panic doors. Note: maximum X-dimension (centre of hinge – contact area of guide rail) 100 mm including mounting plate	silver-coloured	133667
	white RAL 9016	133668
	Stainless steel effect	133669
	acc. to RAL	133670
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 according to DIN EN 1154 Supplement 1	silver-coloured	049185
	dark bronze	052351
	white RAL 9016	068627
	galvanised	057956
	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	134817
Accessories		
Door closer cap for TS 5000/ TS 5000 L / TS 4000, can only be used for door leaf mounting	silver-coloured	067724
	dark bronze	067725
	white RAL 9016	067726
	Stainless steel	072696
	brass	072698
	acc. to RAL ²⁾	000756
GEZE smoke switch control unit RSZ 6 Smoke switch and power supply for all GEZE hold-open devices	silver-coloured	099851
	dark bronze	099857
	white RAL 9016	099858
	Stainless steel effect ¹⁾	099856
	acc. to RAL ²⁾	099859
GEZE RS 5 smoke switch for mounting on ceiling and lintel	silver-coloured	027052
	dark bronze	028939
	white RAL 9016	028940
	Stainless steel effect ¹⁾	028942
	acc. to RAL ²⁾	028941
GEZE smoke switch type 142 Complete with base, 24 V DC, 25 mA	white	091273
GEZE interrupter button with glass cover and 5 interchangeable lettering Concealed version, for manual release of electrically controllable door hold-open devices		120880
GEZE interrupter button Concealed version, for manual release of electrically controllable door hold-open devices		116266
Surface-mounted box, single suitable for the AS 500 switch range		120503
Replacement glass cover for GEZE interrupter button 120880 and 120881		010994

¹⁾ Only for dry rooms

²⁾ Surcharge for RAL special colours, see General Information in the price list.

GEZE TS 3000 V / SYSTEM TS 5000

GEZE TS 5000 R-ISM

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

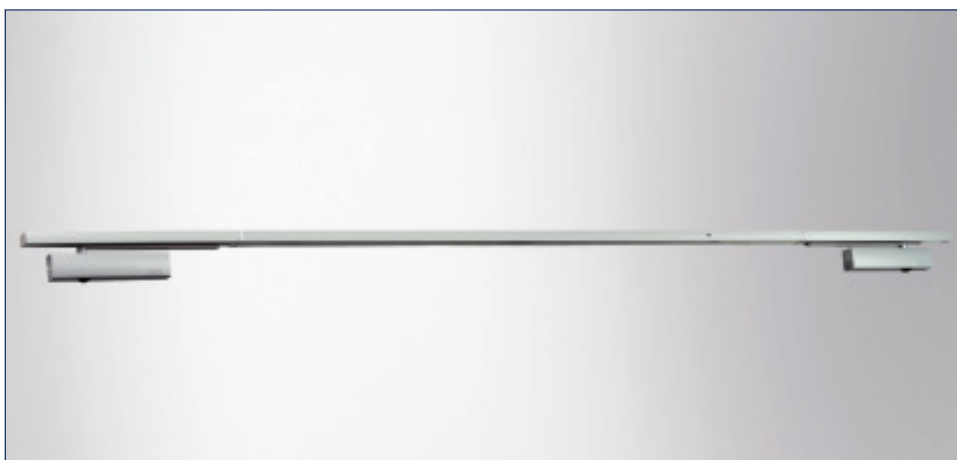
The overhead door closer TS 5000 R-ISM for 2-leaf doors with integrated, invisible closing sequence control, two-sided electromechanical hold-open device and integrated smoke switching control unit is approved for installation on smoke and fire doors. In case of a fire, the smoke detector triggers and the doors close automatically. The GEZE system solution is made up of two overhead door closers TS 5000 with adjustable closing force size 2-6 acc. to EN 1154, combined with the R-ISM guide rail with integrated mechanical closing sequence control tested acc. to EN 1158, two-sided electromechanical hold-open device acc. to EN 1155 and smoke switch control unit with soiling indicator and adaption of the alarm threshold. The holding force can be adjusted and the hold-open position can be overridden. The hold-open system has a certificate of general 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, asymmetrical buffer pattern.

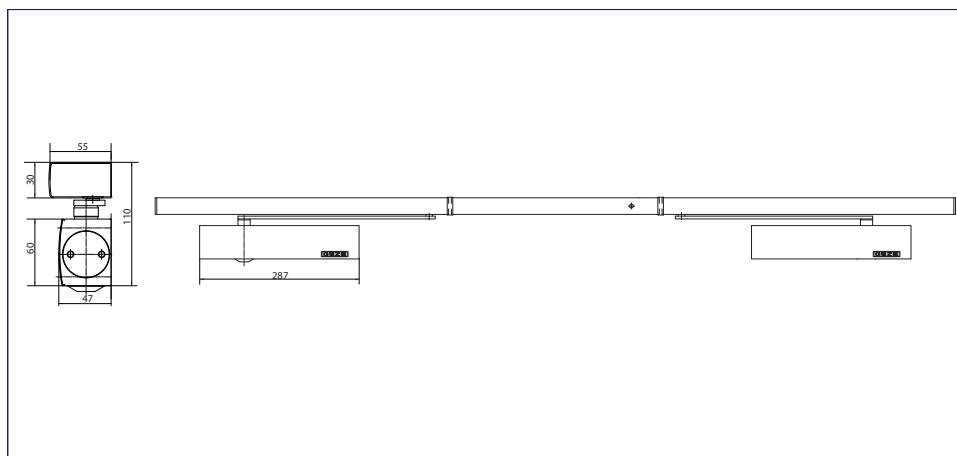
Special versions

- GEZE TS 5000 R-ISM/G with hold-open device only in the active leaf

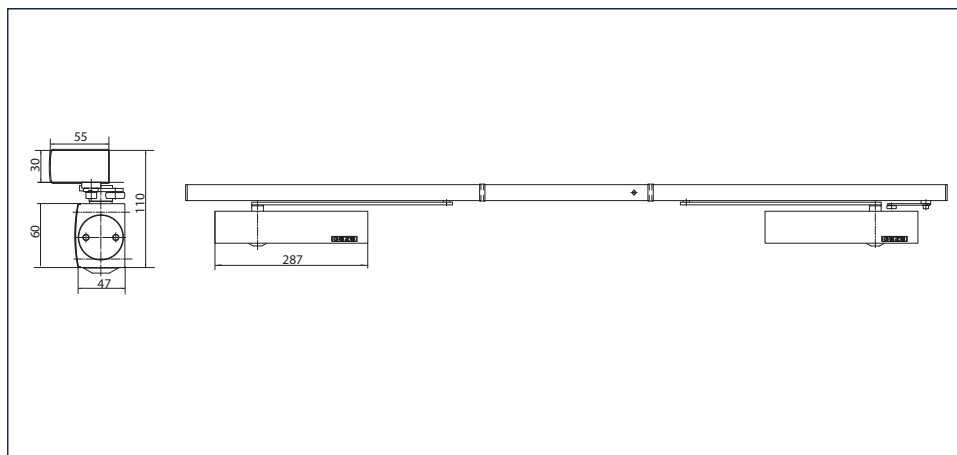
GEZE TS 5000 R-ISM



GEZE TS 5000 R-ISM



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



Area of application R-ISM

- For 2-leaf doors, leaf width 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 width of the fixed leaf = 400 mm
- For fireproof doors (door closer with mounting plate)
- Can be used for doors mounted on the right or left without conversion

Area of application L-R-ISM

- For 2-leaf doors, leaf width up to 1400 mm
- Min. hinge clearance = 1560 mm, max. hinge clearance = 2800 mm
- Symmetrical and asymmetrical division of door possible, minimum width of the fixed leaf = 380 mm
- For fireproof doors (door closer with mounting plate)
- Can be used for doors mounted on the right or left without conversion
- 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

- For 2-leaf doors, leaf width up to 1400 mm
- Min. hinge clearance = 1645 mm, max. hinge clearance = 2800 mm
- Symmetrical and asymmetrical division of door possible, minimum width of the fixed leaf = 380 mm
- For fireproof doors (door closer with mounting plate)
- Can be used for doors mounted on the right or left without conversion
- X-dimension up to max. 100 mm (inc. mounting plate, see p. 8), door opening angle active leaf side > 90°, the diagram „door opening angle“ on page 8 does not apply to L-R-ISM VP

Closer technical data:

Product features	GEZE TS 5000 Closer	GEZE TS 5000 L Closer
Closing force to EN 1154	2 - 6	
Recommended leaf width up to	1400 mm	
Same version for left and right-hand doors	•	•
Product tested to	Door closer tested acc. to EN 1154	
Fire door suitability	•	•
Mounting plate with hole pattern to EN1154 supplement	•	•
Length	287 mm	
Overall depth	47 mm	
Height	60 mm	
Functions		
Adjustable closing force	Yes, stepless	
Adjustable closing speed	•	•
Adjustable end stop	Yes, via valve	
Integrated backcheck	Yes, hydraulically adjustable	
Position of closing force adjustment	Front	
Visual display of the closing force	•	•
Safety valve against wilful damage	•	•
Thermo-control valves	•	•

- = YES
- = OPTIONAL
- = NOT AVAILABLE

GEZE TS 3000 V / SYSTEM TS 5000

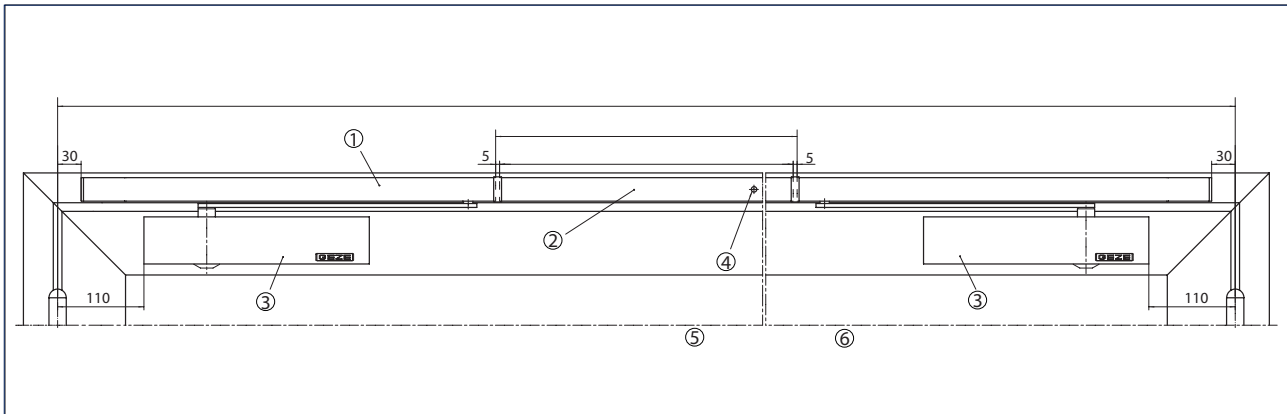
Guide rail technical data:

Product features	R-ISM-guide rail TS 5000	R-ISM/G-guide rail TS 5000	R-ISM-guide rail BG VP TS 5000
Minimum hinge clearance	1500 cm	1500 mm	1645 mm
Minimum fixed leaf width	400 cm	400 mm	380 mm
Supply voltage	230 V 50 Hz		
Duty rating	100 %		
Enclosure rating	IP 20		
Ambient temperature	0 - 50 °C		0 - 50 °C
Product tested to	Hold-open equipment tested acc. to EN 1155 Door closing sequence selector tested acc. to EN 1158 General building approval from DIBt as a hold-open system		
Length	2740 mm	2740 mm	2645 mm
Overall depth	55 mm		
Height	30 mm		
Functions			
Closing sequence control, integrated	●	●	●
Integrated hold-open	Electrical		
Hold-open on the active leaf / fixed leaf	● / ●	● / -	● / ●
Hold-open position can be overridden	●	●	●
Hold-open angle	80 - 130 °	80 - 130 °	above 80°
Integrated smoke switch	●	●	●
with visual operating state display	●	●	●
with clogging indicator	●	●	●
with alarm threshold tracing	●	●	●
Integrated power pack	●	●	●
Height correction possible	●	●	●

- = YES
- = OPTIONAL
- = NOT AVAILABLE

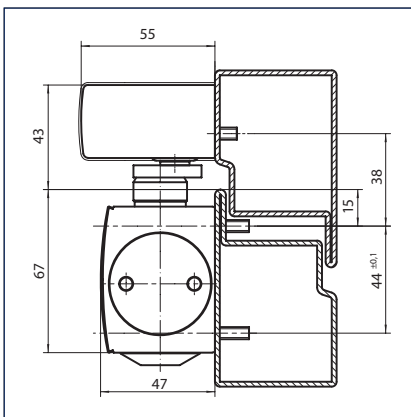
Door leaf installation/hinge side TS 5000 R-ISM

View

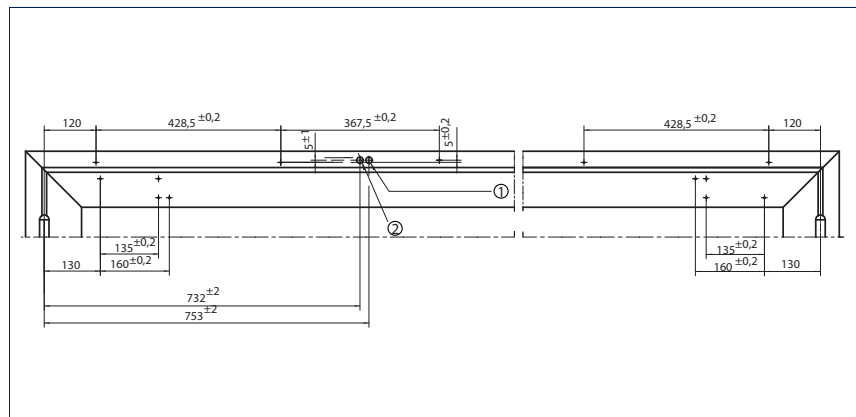


Example for installation

- 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 = Fixed leaf

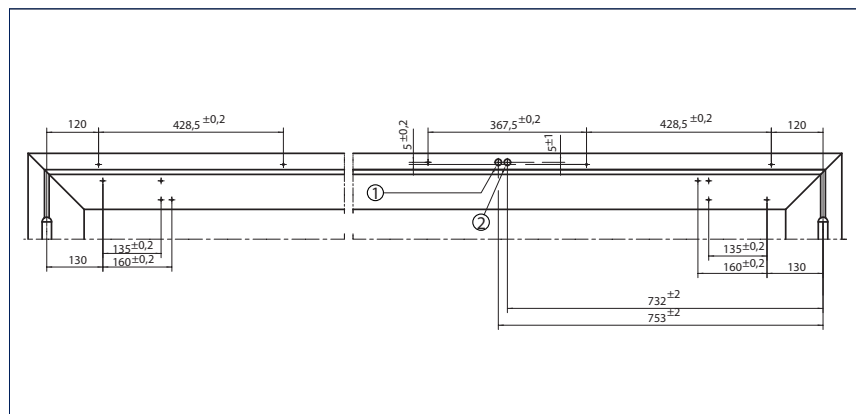
Direct installation

Cross-section = Direct installation



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

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



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

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

Technical drawing of a mechanical assembly, showing two views of a bracket with dimensions in mm.

Top View (Left):

- Overall width: 120
- Distance from left edge to center of hole: $428,5 \pm 0,2$
- Distance from center of hole to right edge: $367,5 \pm 0,2$
- Radius of fillet: $R5$
- Distance from left edge to center of hole: 142 ± 1
- Distance from center of hole to right edge: $160 \pm 0,2$
- Overall height: 732 ± 2
- Distance from bottom edge to center of hole: 753 ± 2

Top View (Right):

- Overall width: 120
- Distance from left edge to center of hole: $428,5 \pm 0,2$
- Distance from center of hole to right edge: $160 \pm 0,2$
- Distance from left edge to center of hole: 142 ± 1

Side View (Bottom):

- Overall width: 120
- Distance from left edge to center of hole: $428,5 \pm 0,2$
- Distance from center of hole to right edge: $367,5 \pm 0,2$
- Radius of fillet: $R5$
- Distance from left edge to center of hole: 142 ± 1
- Distance from center of hole to right edge: $160 \pm 0,2$
- Overall height: 732 ± 2
- Distance from bottom edge to center of hole: 753 ± 2

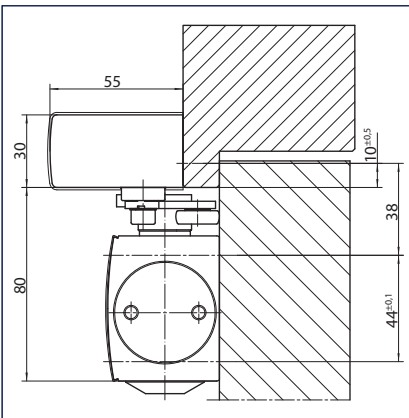
Labels:

- ①: Points to the top surface of the bracket.
- ②: Points to the bottom surface of the bracket.

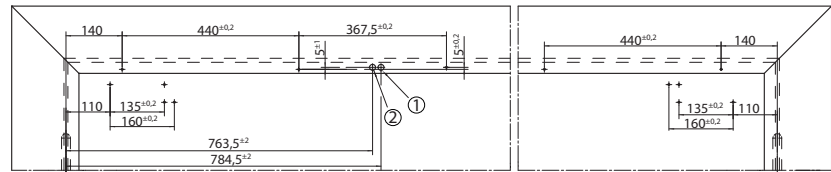
Technical drawing of a two-span continuous beam. The drawing shows the beam's profile with dimensions in millimeters. The left span has a total length of 608.5 mm, with a 120 mm overhang on the left and a 428.5 mm span. The right span has a total length of 608.5 mm, with a 120 mm overhang on the right and a 428.5 mm span. The beam is supported by two supports, labeled 1 and 2. The distance between the supports is 367.5 mm. The beam has a height of 160 mm. The bottom flange has a width of 142 mm. The top flange has a width of 160 mm. The beam is shown in a perspective view, with a dashed line indicating the continuation of the beam.

GEZE DOOR TECHNOLOGY

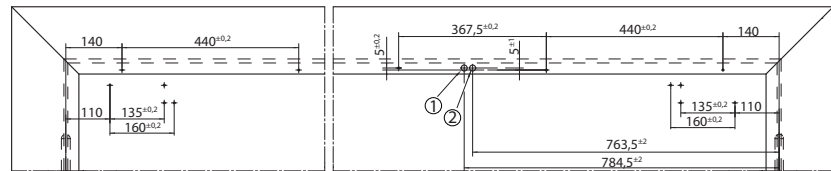
GEZE TS 3000 V / SYSTEM TS 5000



Cross-section = Direct installation



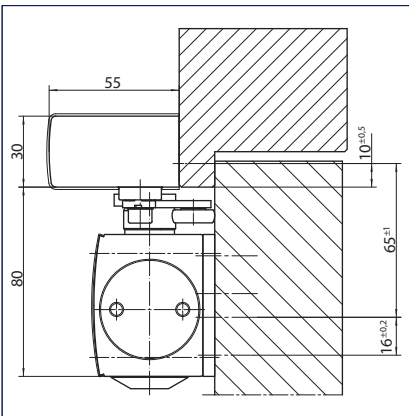
Fitting dimensions right-hand leaf = active leaf, left-hand leaf = fixed leaf

1 = \varnothing 15 additional cable2 = \varnothing 15 230 V AC

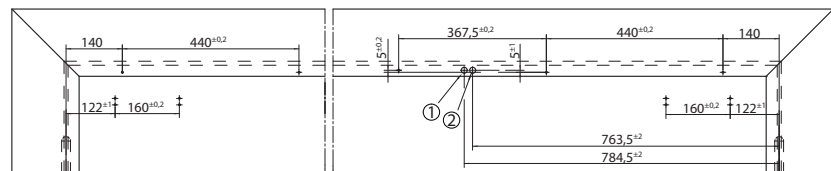
Fitting dimensions right-hand leaf = fixed leaf, left-hand leaf = active leaf

1 = \varnothing 15 additional cable2 = \varnothing 15 230 V AC

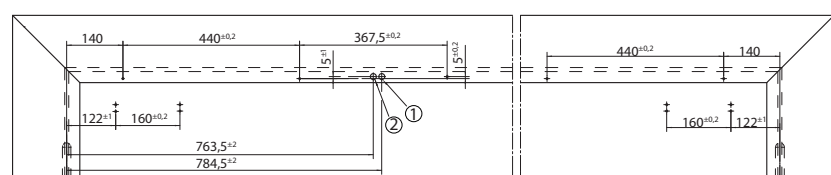
Installation with mounting plate



Cross-section = installation with mounting plate



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

1 = \varnothing 15 additional cable2 = \varnothing 15 230 V AC

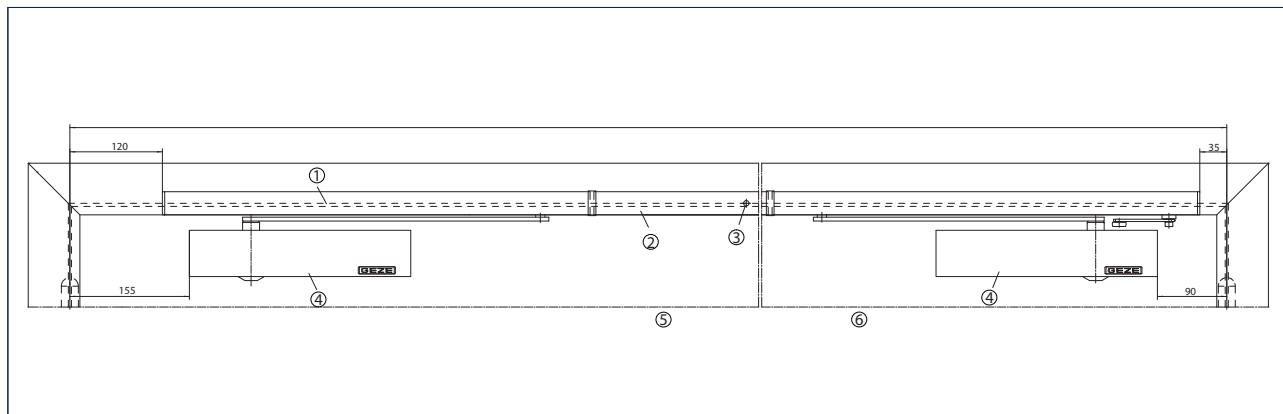
Fitting dimensions right-hand leaf = active leaf, left-hand leaf = fixed leaf

1 = \varnothing 15 additional cable2 = \varnothing 15 230 V AC

GEZE TS 3000 V / SYSTEM TS 5000

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

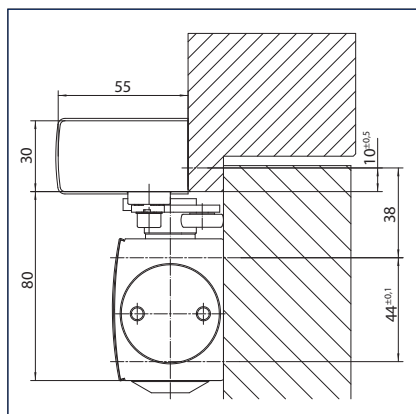
View



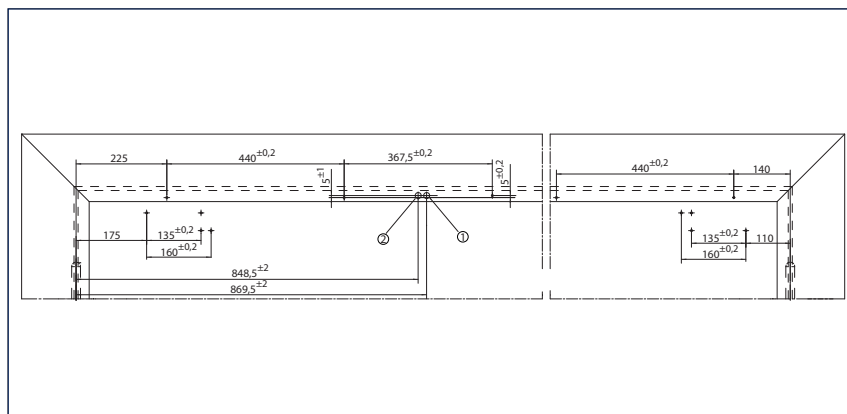
Example for installation

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

Direct installation

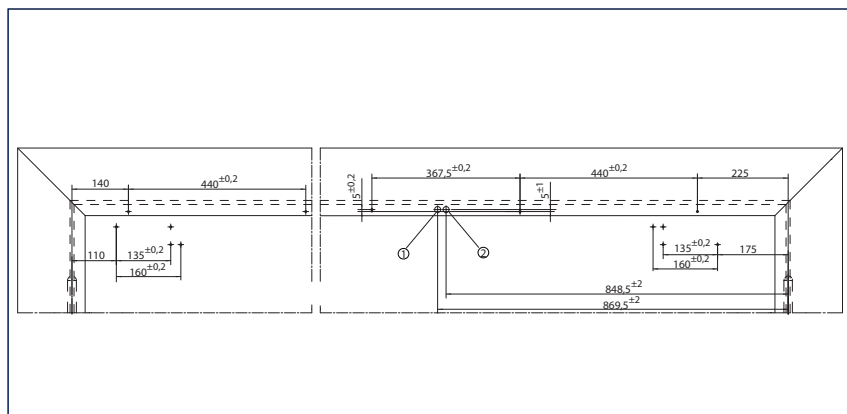


Cross-section = Direct installation



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

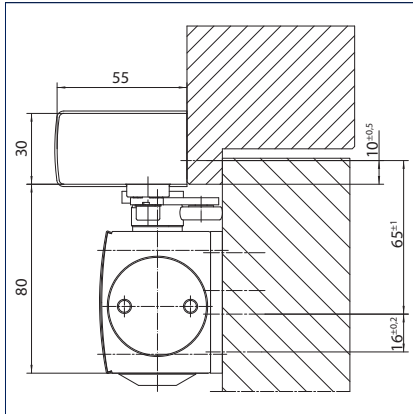
- 1 = \varnothing 15 additional cable
- 2 = \varnothing 15 230 V AC



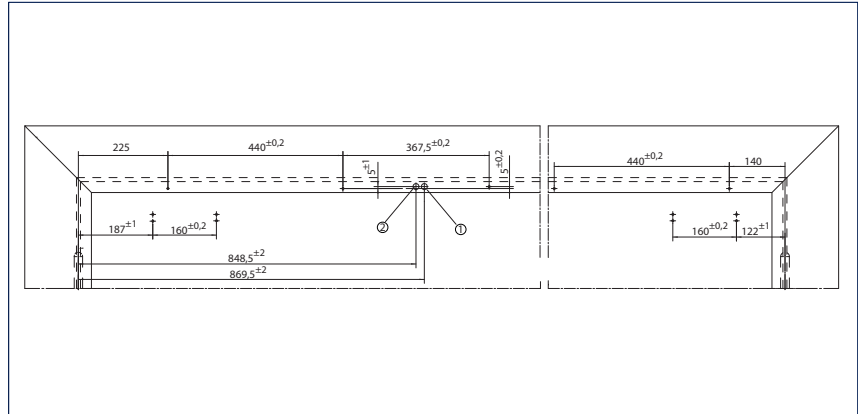
Fitting dimensions right-hand leaf = fixed leaf, left-hand leaf = active leaf

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

Installation with mounting plate

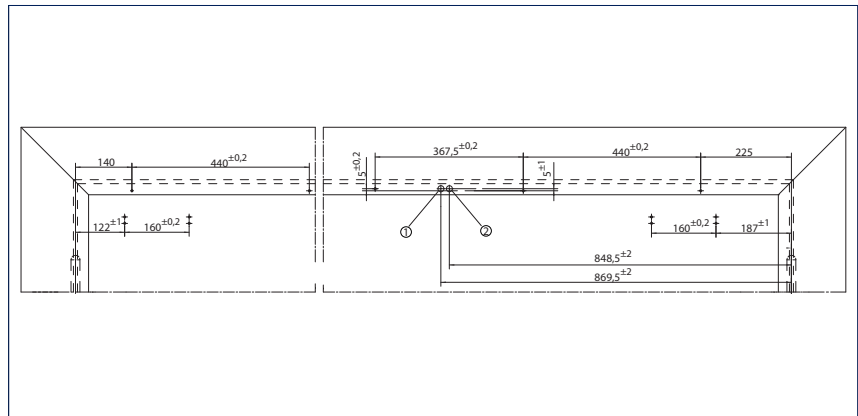


Cross-section = installation with mounting plate



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

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



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

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

GEZE TS 3000 V / SYSTEM TS 5000

GEZE TS 5000 R-ISM - 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
	dark bronze	027334
	white RAL 9016	027335
	Stainless steel slide plate	137721
	acc. to RAL ²⁾	027336
GEZE TS 5000 L Closer Size EN 2-6, with back check (without guide rail and lever)	silver-coloured	027351
	dark bronze	029399
	white RAL 9016	029400
	Stainless steel slide plate	137723
R-ISM-guide rail TS 5000 continuous, with integrated closing sequence control, electric hold-open device, smoke switch control unit and levers on both sides	acc. to RAL ²⁾	027352
	silver-coloured	115614
	dark bronze	115615
	white RAL 9016	115616
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	Stainless steel effect ¹⁾	115617
	acc. to RAL ²⁾	115618
	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
	Stainless steel effect ¹⁾	115620
	acc. to RAL ²⁾	115621
R-ISM-guide rail BG TS 5000 continuous, with integrated closing sequence control, electric hold-open device, smoke switch control unit and levers on both sides	silver-coloured	115622
	white RAL 9016	115623
	Stainless steel effect ¹⁾	115624
R-ISM-guide rail BG VP TS 5000 continuous, with integrated closing sequence control, electric hold-open device and levers on both sides, smoke switch control unit and levers, especially for full panic doors. Note: maximum X-dimension (centre of hinge – contact area of guide rail) 100mm including mounting plate	acc. to RAL ²⁾	115625
	silver-coloured	133711
	white RAL 9016	133712
	Stainless steel effect ¹⁾	133713
Installation materials	acc. to RAL ²⁾	133714
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 according to DIN EN 1154 Supplement 1	silver-coloured	049185
	dark bronze	052351
	white RAL 9016	068627
	galvanised	057956
	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	134817

GEZE TS 3000 V / SYSTEM TS 5000

Description	Version	ID.No.
Accessories		
Door closer cap for TS 5000/ TS 5000 L / TS 4000, can only be used for door leaf mounting	silver-coloured	067724
	dark bronze	067725
	white RAL 9016	067726
	Stainless steel	072696
	brass	072698
	acc. to RAL ²⁾	000756
GEZE RS 5 smoke switch for mounting on ceiling and lintel	silver-coloured	027052
	dark bronze	028939
	white RAL 9016	028940
	Stainless steel effect ¹⁾	028942
	acc. to RAL ²⁾	028941
GEZE smoke switch type 142 Complete with base, 24 V DC, 25 mA	white	091273
GEZE interrupter button with glass cover and 5 interchangeable lettering Concealed version, for manual release of electrically controllable door hold-open devices		120880
GEZE interrupter button Concealed version, for manual release of electrically controllable door hold-open devices		116266
Surface-mounted box, single suitable for the AS 500 switch range		120503
Replacement glass cover for GEZE interrupter button 120880 and 120881		010994

1) Only for dry rooms

2) Surcharge for RAL special colours, see General Information in the price list.



TS 5000 L-R-ISM, Generali, Köln, Deutschland

GEZE TS 3000 V / SYSTEM TS 5000

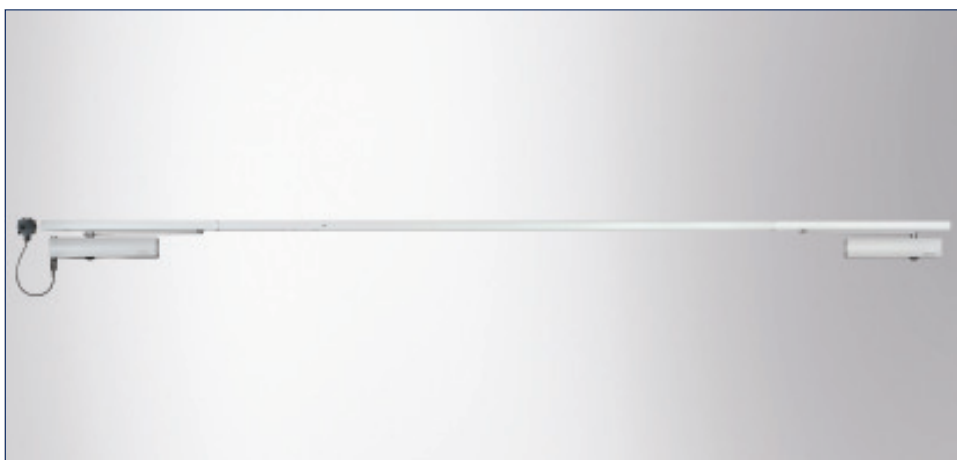
GEZE TS 5000 R-ISM-EFS

Guide rail door closer system for 2-leaf doors up to 2500 mm hinge clearance with integrated closing sequence control, electric hold-open device and smoke switch control unit

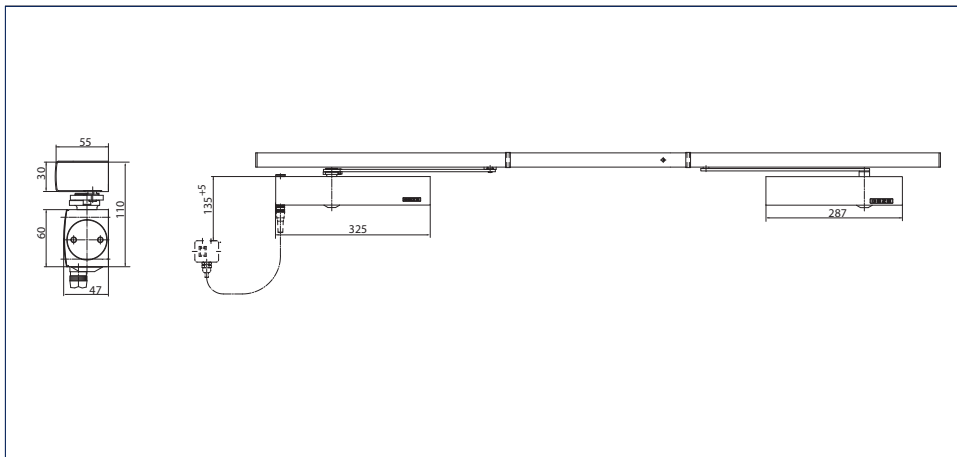
In the case of the system solution GEZE TS 5000 R-ISM-EFS for 2-leaf doors, the „freeswing“ function is realised using the R-ISM-EFS guide rail and the TS 5000 E-HY door closer (with integrated hydraulic hold-open device) on the active leaf. The door must be opened once, for example, in the morning, to approximately 90°. The fixed leaf closes automatically due to the overhead TS 5000 door closer. The integrated mechanical closing sequence control is carried out by the R-ISM guide rail. The GEZE system solution is made up of an overhead door closer TS 5000 E-HY size 2-5 acc. to EN 1154 on the active leaf and a TS 5000 size 2-6 acc. to EN 1154 on the fixed leaf, combined with a R-ISM-EFS guide rail with integrated mechanical closing sequence control tested acc. to EN 1158 and a smoke switch control unit integrated in the guide rail with alarm threshold tracing, soiling indicator and test button. The hold-open system has a certificate of general building approval.

Note: According to the DIBt guidelines for hold-open systems, the use of a circuit breaker for freeswing door closers is compulsory in Germany.

GEZE TS 5000 R-ISM-EFS



GEZE TS 5000 R-ISM-EFS



Application range

- For 2-leaf doors, leaf width up to 1250 mm
- Min. hinge clearance = 1500 mm, max. hinge clearance = 2500 mm
- Symmetrical and asymmetrical division of door possible, minimum width of the fixed leaf = 400 mm, maximum door width of the active leaf = 1250 mm
- For fireproof doors (door closer with mounting plate)
- Can be used for doors mounted on the right or left without conversion

GEZE TS 3000 V / SYSTEM TS 5000

Closer technical data:

Product features	GEZE TS 5000 Closer	GEZE TS 5000 EHy Closer
Closing force to EN 1154	2 - 6	2 - 5
Recommended leaf width up to	1400 mm	1250 mm
Same version for left and right-hand doors	●	●
Supply voltage		24 V DC
Product tested to	Door closer tested acc. to EN 1154	Door closer tested acc. to EN 1154 Hold-open equipment tested acc. to EN 1155
Fire door suitability	●	●
Mounting plate with hole pattern to EN1154 supplement	●	●
Length	287 mm	325 mm
Overall depth	47 mm	46 mm
Height	60 mm	
Functions		
Adjustable closing force	Yes, stepless	
Adjustable closing speed	●	●
Adjustable end stop	Yes, via valve	
Integrated backcheck	Yes, hydraulically adjustable	No
Position of closing force adjustment	Front	
Visual display of the closing force	●	●
Safety valve against wilful damage	●	●
Thermo-control valves	●	●
● = YES ○ = OPTIONAL - = NOT AVAILABLE		

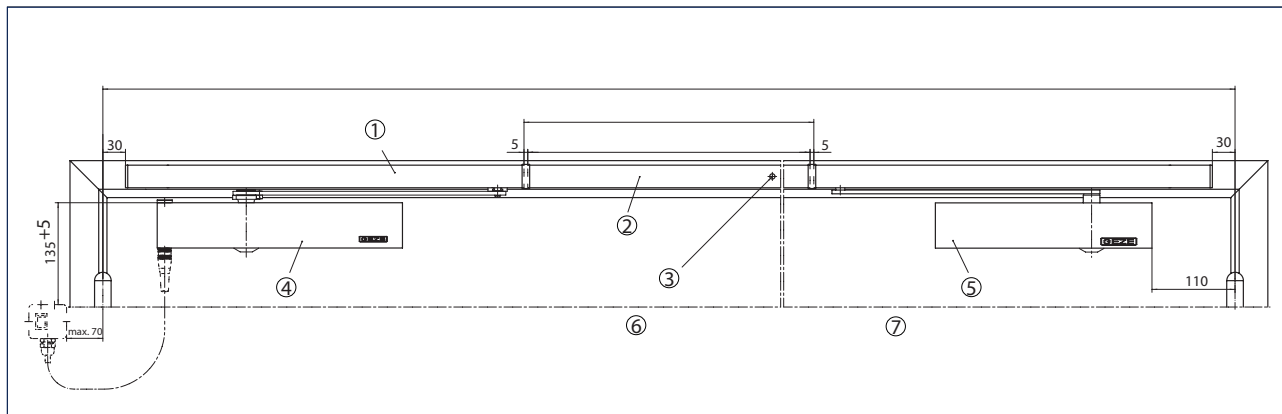
Guide rail technical data:

Product features	R-ISM-EFS-guide rail TS 5000
Minimum hinge clearance	1500 mm
Minimum fixed leaf width	400 mm
Supply voltage	230 V 50 Hz
Duty rating	100 %
Enclosure rating	IP 20
Ambient temperature	0 - 50 °C
Product tested to	Door closing sequence selector tested acc. to EN 1158 General building approval from DIBt as a hold-open system
Length	2440 mm
Overall depth	55 mm
Height	30 mm
Functions	
Freeswing function	•
Freeswing range	85 - 170 °
Freeswing function on active leaf	•
Closing sequence control, integrated	•
Integrated smoke switch	•
with visual operating state display	•
with clogging indicator	•
with alarm threshold tracing	•
Integrated power pack	•
Height correction possible	•
<ul style="list-style-type: none"> • = YES ○ = OPTIONAL - = NOT AVAILABLE 	

GEZE TS 3000 V / SYSTEM TS 5000

Door leaf installation/hinge side TS 5000 R-ISM-EFS

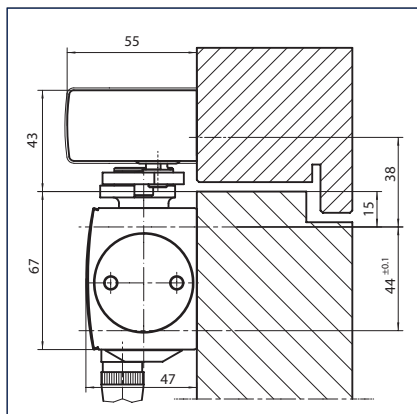
View



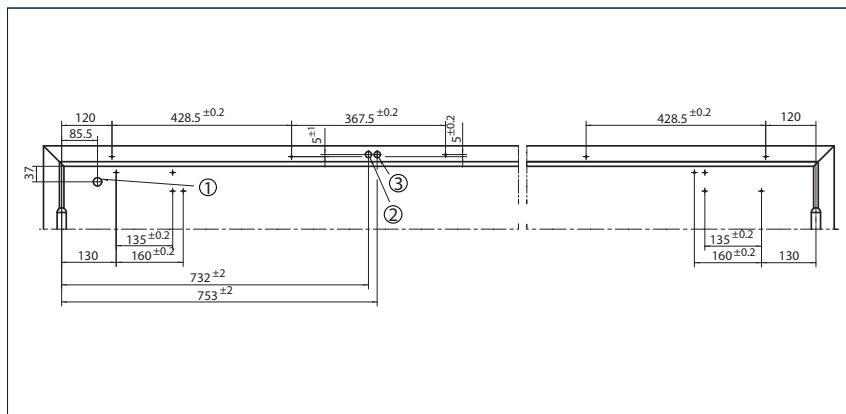
Example for installation of the system GEZE TS 5000 R-ISM-EFS with mounting plate on a 2-leaf wooden door

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

Direct installation

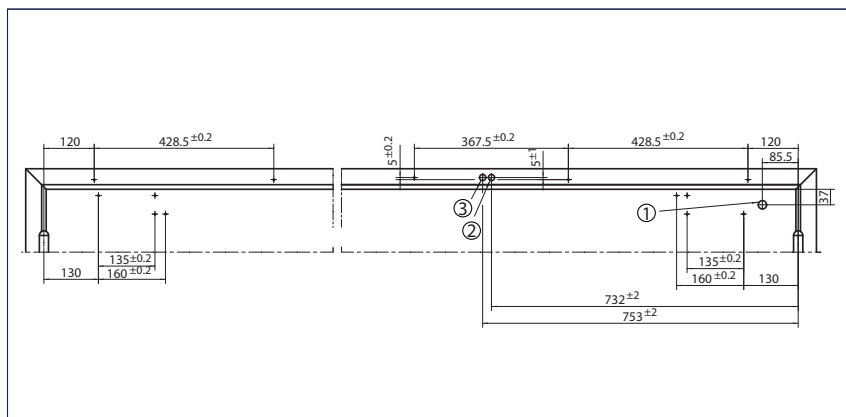


Cross-section = Direct installation



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

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

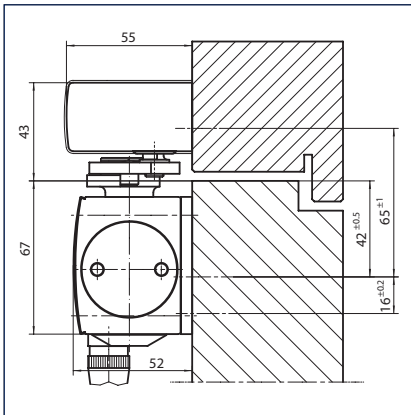


Fitting dimensions right-hand leaf = active leaf, left-hand leaf = fixed leaf

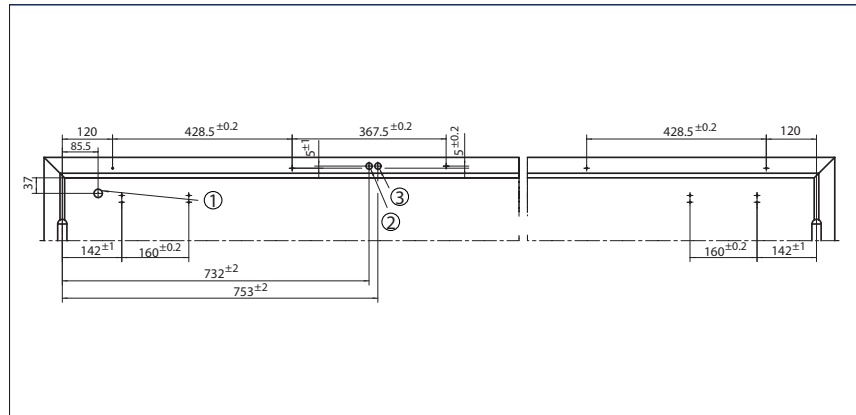
- 1 = \varnothing 15 with concealed line-feed 24 V
- 2 = \varnothing 15 230 V AC
- 3 = \varnothing 15 line-feed TS 5000 E-HY 24 V

GEZE TS 3000 V / SYSTEM TS 5000

Installation with mounting plate

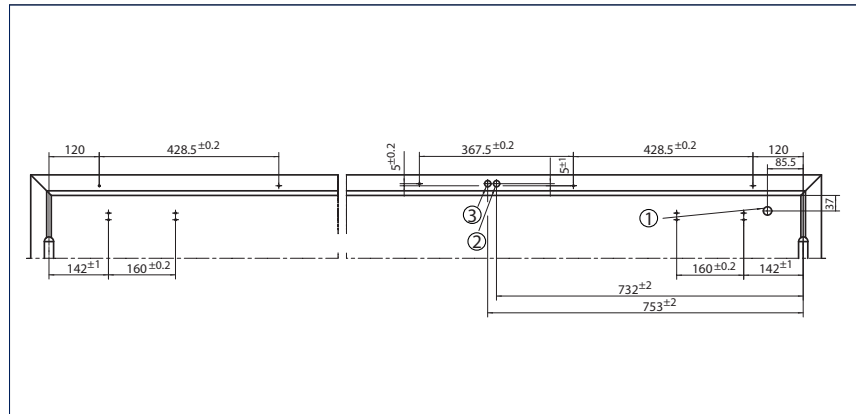


Cross-section = installation with mounting plate



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

- 1 = \varnothing 15 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 leaf = active leaf, left-hand leaf = fixed leaf

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

GEZE TS 3000 V / SYSTEM TS 5000

GEZE TS 5000 R-ISM-EFS - 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
	dark bronze	027334
	white RAL 9016	027335
	Stainless steel slide plate	137721
	acc. to RAL ²⁾	027336
GEZE TS 5000 EHy Closer Size EN 2-5, door leaf installation on the hinge side, with electric hold-open device for freeswing function (with guide rail and lever)	silver-coloured	121389
	acc. to RAL ²⁾	099129
R-ISM-EFS-guide rail TS 5000 continuous, with integrated closing sequence control, smoke switch control unit, freeswing lever on the active leaf, normal lever on the fixed leaf	silver-coloured	121453
	acc. to RAL ²⁾	121455
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 EFS/RFS/E-HY / TS 4000 E with hole pattern according to 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 according to DIN EN 1154 Supplement 1	silver-coloured	049185
	dark bronze	052351
	white RAL 9016	068627
	galvanised	057956
	acc. to RAL ²⁾	029176
Accessories		
GEZE RS 5 smoke switch for mounting on ceiling and lintel	silver-coloured	027052
	dark bronze	028939
	white RAL 9016	028940
	Stainless steel effect ¹⁾	028942
	acc. to RAL ²⁾	028941
GEZE smoke switch type 142 Complete with base, 24 V DC, 25 mA	white	091273
GEZE interrupter button with glass cover and 5 interchangeable lettering Concealed version, for manual release of electrically controllable door hold-open devices		120880
GEZE interrupter button Concealed version, for manual release of electrically controllable door hold-open devices		116266
Surface-mounted box, single suitable for the AS 500 switch range		120503
Replacement glass cover for GEZE interrupter button 120880 and 120881		010994

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

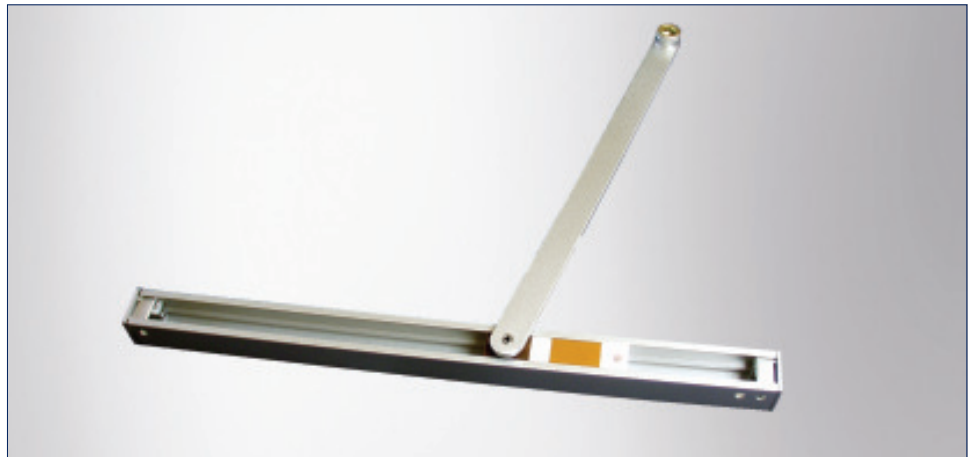
The GEZE T-Stop guide rail allows doors to be fitted without any door stops getting in the way.* The entrance looks nicer because the “tripping hazards” and dirt traps caused by door stops fitted to the floor are a thing of the past. This means the danger of crushing between the door leaf and the door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

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

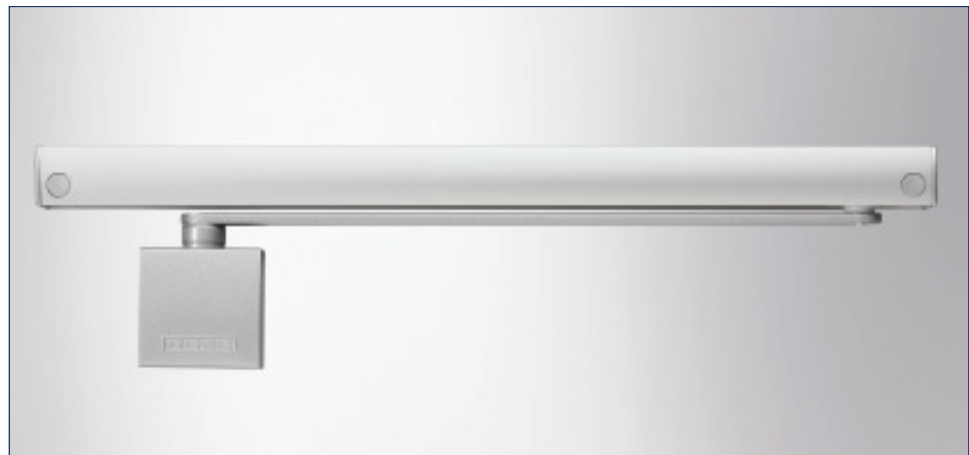
T-Stop guide rail TS 5000 / TS 3000



Application range

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

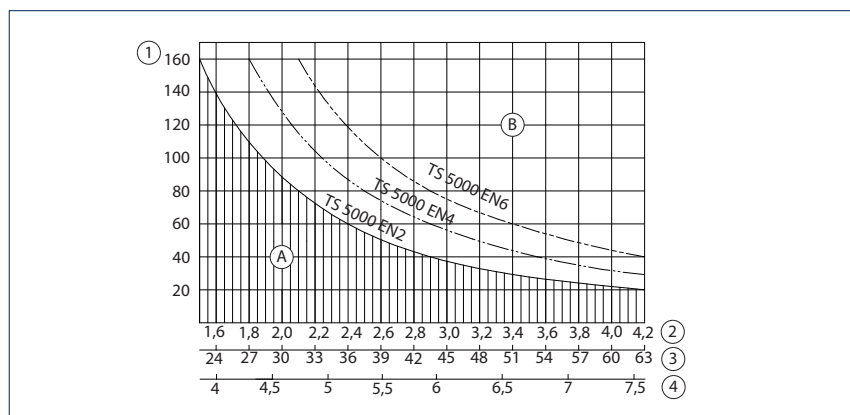
GEZE T-Stop guide rail with pivot bearing



Application range

- Opening restrictor for single-action doors without door closers
- Can be used for doors mounted on the right or left without conversion

GEZE TS 3000 V / SYSTEM TS 5000



Door width 1 m

1 = Door weight kg

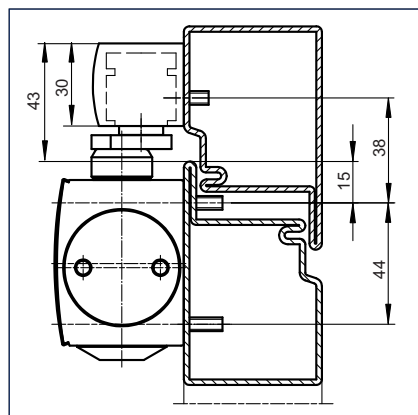
2 = Opening speed (m/s)

3 = Wind speed (km/h)

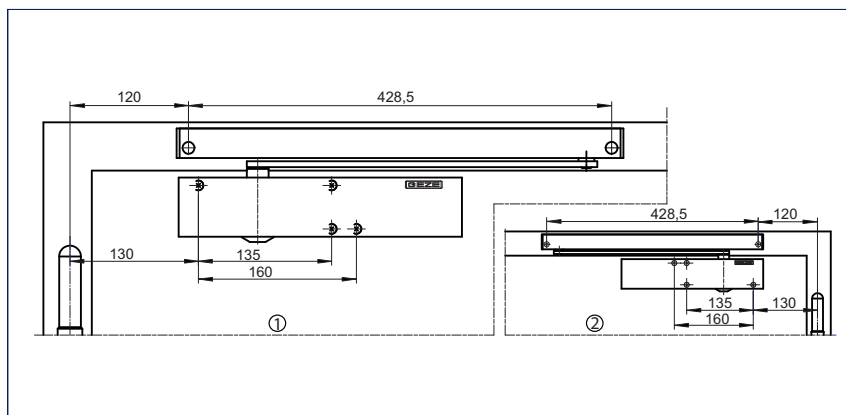
4 = Wind force (Bft)

A = Installation without door stopper

B = Installation with door stopper

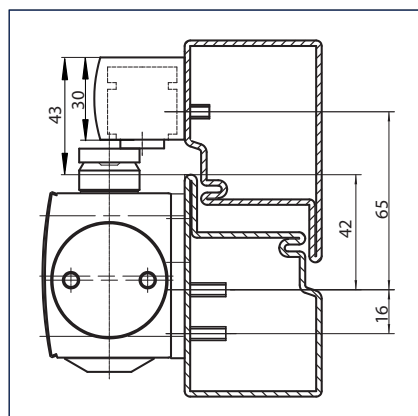
TS 5000 direct installation door leaf installation/hinge side with T-Stop guide rail

Cross-section = Direct installation

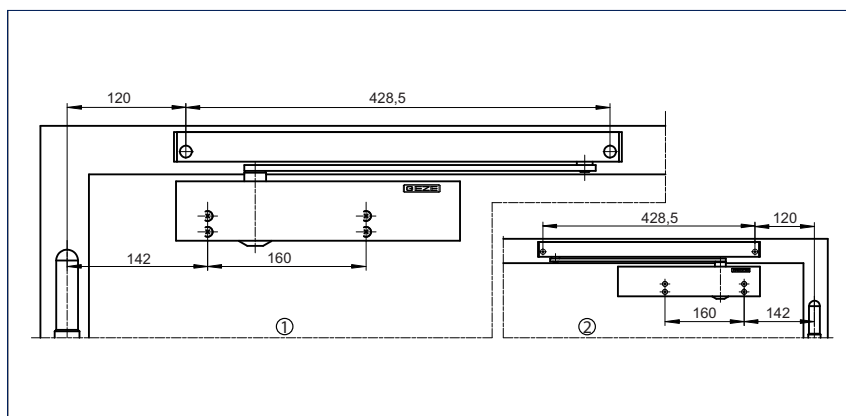


1 = Fitting dimensions DIN left

2 = DIN right

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

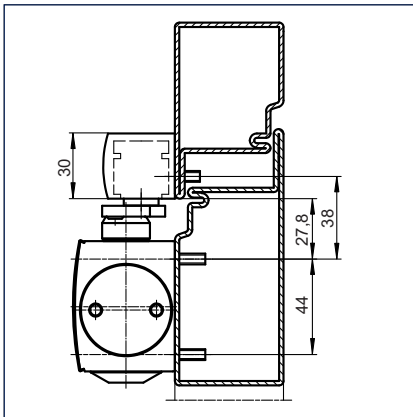
Cross-section = installation with mounting plate



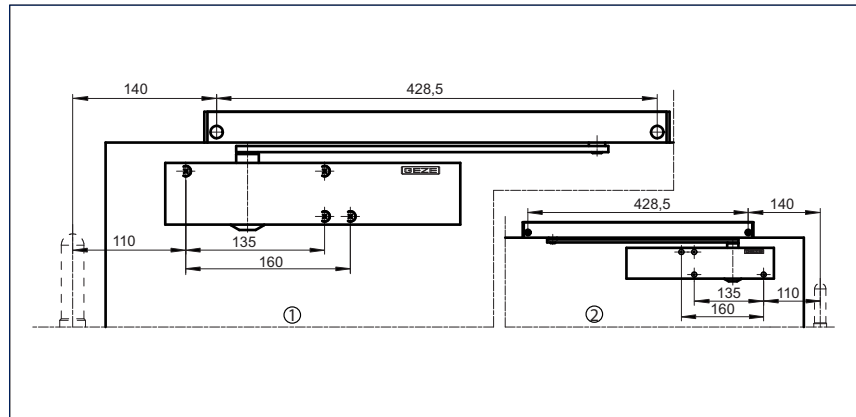
1 = Fitting dimensions DIN left

2 = DIN right

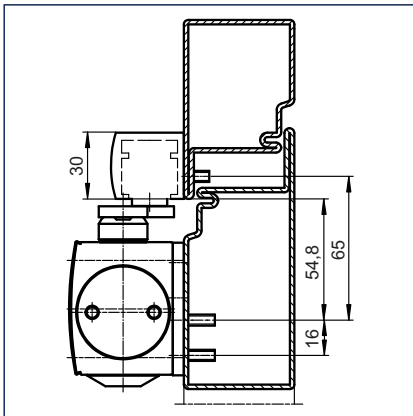
GEZE TS 3000 V / SYSTEM TS 5000

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

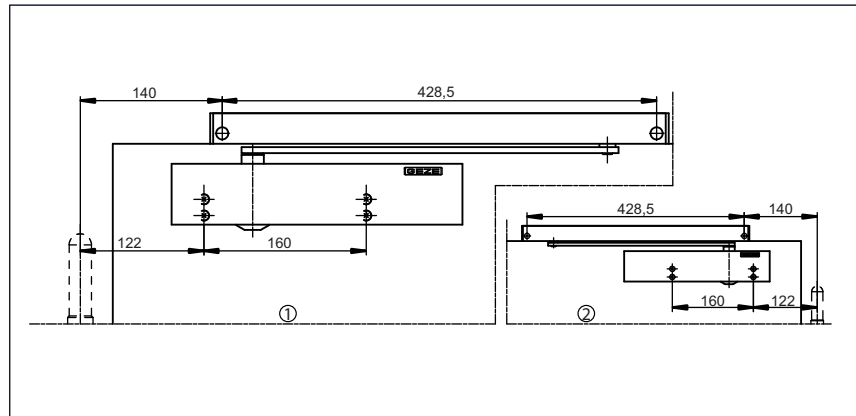
Cross-section = Direct installation



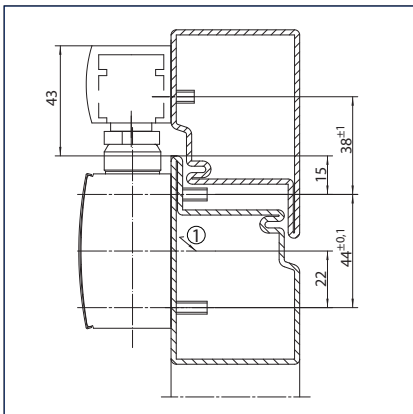
- 1 = Fitting dimensions DIN right
2 = DIN left

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

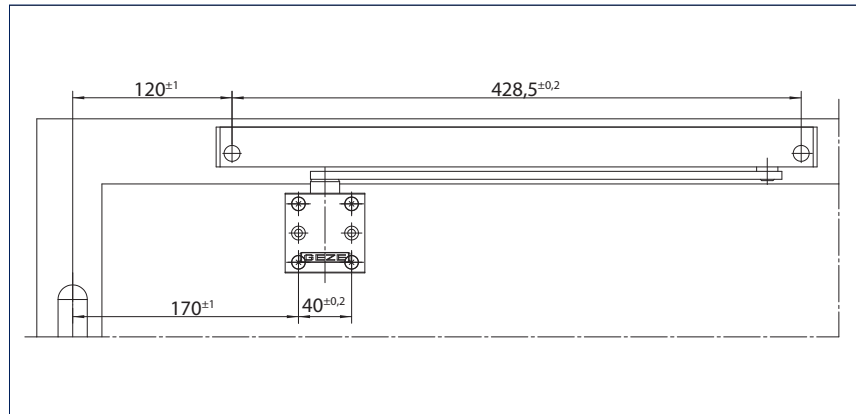


- 1 = Fitting dimensions DIN right
2 = DIN left

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

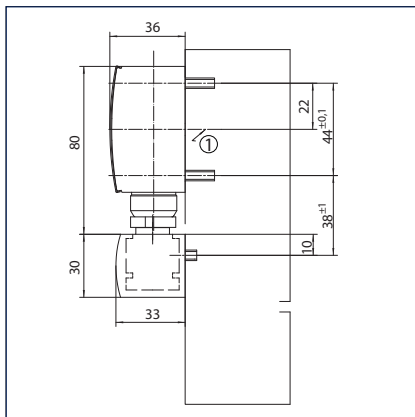
Cross-section = Direct installation

- 1 = optionally



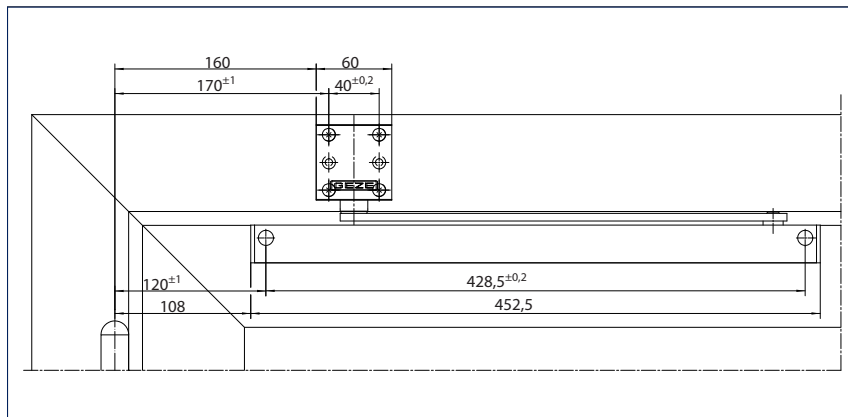
GEZE TS 3000 V / SYSTEM TS 5000

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

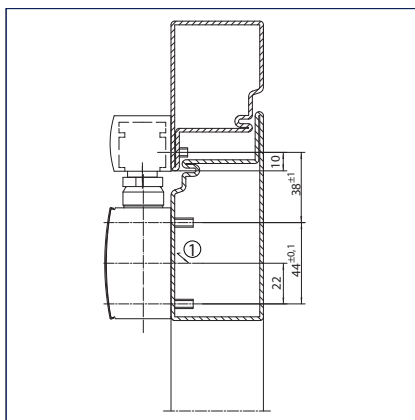


Cross-section = Direct installation

1 = optionally

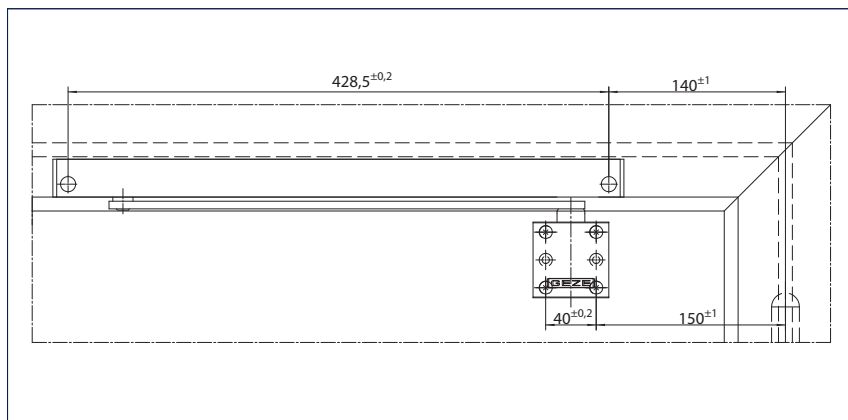


Door leaf installation/opposite hinge side T-Stop guide rail BG with pivot bearing

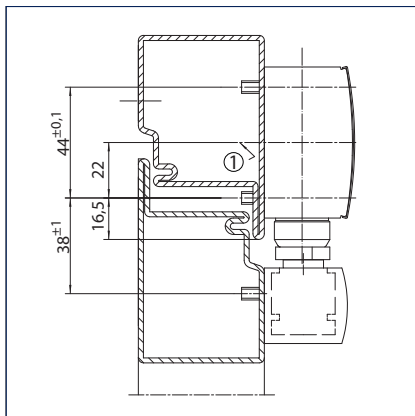


Cross-section = Direct installation

1 = optionally

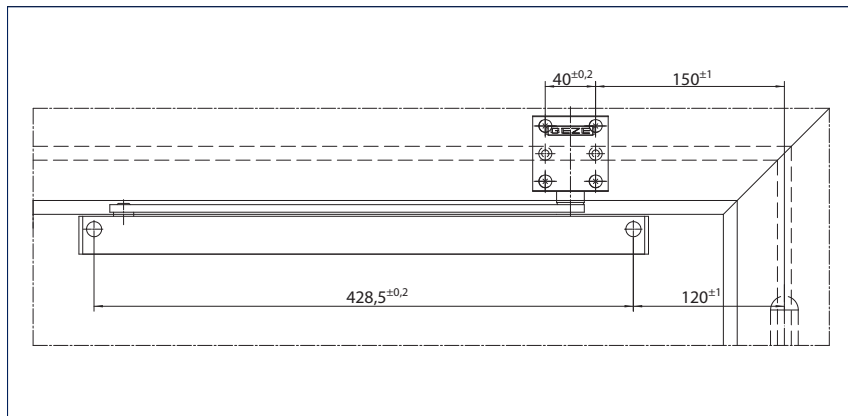


Transom installation/opposite hinge side T-Stop guide rail BG with pivot bearing



Cross-section = Direct installation

1 = optionally



GEZE TS 3000 V / SYSTEM TS 5000

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
	Stainless steel effect 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
	Stainless steel effect ¹⁾	102367
	acc. to RAL ²⁾	102368
Pivot bearing for T-Stop guide rail supported	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 mit T-Stop-Gleitschiene, Verwaltung Katholische Kirche, Stuttgart, Deutschland

GEZE smoke switch control unit RSZ 6

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

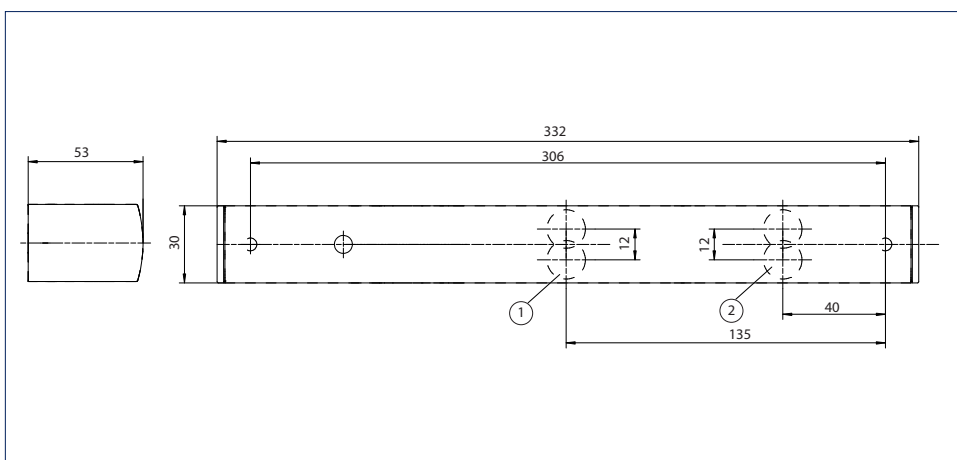
The GEZE smoke switch control unit RSZ 6 in the typical GEZE design has an overall height of 30 mm. It is connected to the 230 V power supply system and supplies the connected hold-open devices reliably with 24 V DC voltage (max. 200 mA).

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 20 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 retention magnet) is interrupted and the doors close immediately. The connection of two additional ceiling-mounted alarms may be necessary depending on requirements. The integrated smoke switch has 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



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
	dark bronze	099857
	white RAL 9016	099858
	Stainless steel effect ¹⁾	099856
	acc. to RAL ²⁾	099859
Accessories		
GEZE RS 5 smoke switch for mounting on ceiling and lintel	silver-coloured	027052
	dark bronze	028939
	white RAL 9016	028940
	Stainless steel effect ¹⁾	028942
	acc. to RAL ²⁾	028941
GEZE smoke switch type 142 Complete with base, 24 V DC, 25 mA	white	091273
GEZE interrupter button with glass cover and 5 interchangeable lettering Concealed version, for manual release of electrically controllable door hold-open devices		120880
GEZE interrupter button Concealed version, for manual release of electrically controllable door hold-open devices		116266
Surface-mounted box, single suitable for the AS 500 switch range		120503
Replacement glass cover for GEZE interrupter button 120880 and 120881		010994

¹⁾ Only for dry rooms

²⁾ Surcharge for RAL special colours, see General Information in the price list.



Pflegeheim Zamenhof, Stuttgart, Deutschland

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 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 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 doors made from metal, timber or plastic and combinations thereof. When used on fireproof doors, smoke and fire 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 doors that are exposed to wind when opening outwards. The back check function helps protect people, door elements, plus 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 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 fireproof doors or smoke and fire doors, the devices must be officially approved by the German Institute for Building Technology (door suitability certificates must be heeded).

Door closers are not suitable for installation on swing 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-mounted door closers must be protected against soiling. If floor-mounted door closers 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 door closer 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 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 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,
- Specification 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 installer
- Installers are advised to observe all the product information and to pass it on to the client and user

GEZE References



Generali, Cologne



Dorniermuseum, Friedrichshafen



Unilever, Hamburg

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 ID 091607
05	Sliding door gear systems and linear guides ID 123605, ID 008770, ID 000586

Automatic door systems

06	Swing doors ID 144785
07	Sliding, telescopic and folding doors ID 143639
08	Circular and semi-circular sliding doors ID 135772
09	Revolving doors ID 132050
10	Actuation 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
23	GEZE Patch fittings mono glass systems ID 122521



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. A dedicated division is responsible for the development and construction of individual special designs.

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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