



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 single-leaf doors

	TS 1500 G	TS 3000 V	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	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		●	●	●	●	●	●	●	●	●
Backcheck, adjustable		● ²⁾	●	●	●	●	●	●		
Hydraulic latching action, adjustable	●	●	●	●	●	●	●	●	●	●
Delayed closing, adjustable			● ¹⁾							
Closing speed, adjustable	●	●	●	●	●	●	●	●	●	●
Mechanical hold-open ³⁾	●	●	●	●						
Electromechanical hold-open					●	●	●	●		
Electrical locking for freeswing									●	●
Smoke switch control unit, integrated							●	●		●
Mechanical closing sequence control, integrated										
Freeswing function									●	●
Page	10	14	22	26	31	35	39	43	47	52

● = 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 leaf

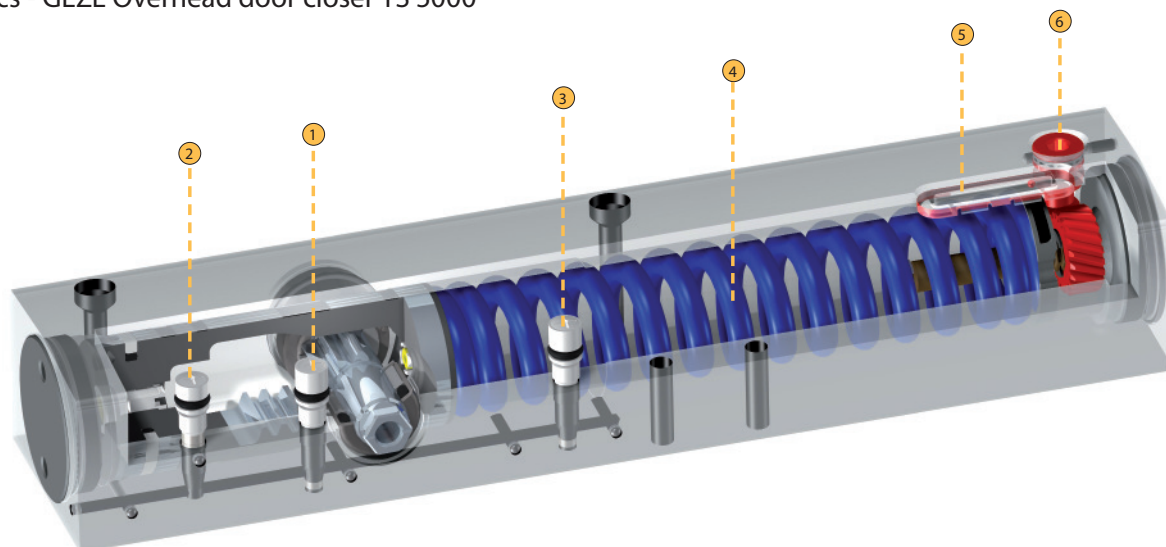
⁷⁾ Maximum door leaf width of the active leaf

GEZE TS 3000 V / SYSTEM TS 5000

For double-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	●	●	●	●	●	●	●	●	●	●	●
Backcheck, adjustable	●	●	●		●	●	●	●	●	●	
Hydraulic latching action, adjustable	●	●	●	●	●	●	●	●	●	●	●
Delayed closing, adjustable											
Closing speed, adjustable	●	●	●	●	●	●	●	●	●	●	●
Mechanical hold-open ³⁾	●	●	●								
Electromechanical hold-open					●	●	●	●	●	●	
Electrical locking for freeswing				●							●
Smoke switch control unit, integrated								●	●	●	●
Mechanical closing sequence control, integrated	●	●	●	●	●	●	●	●	●	●	●
Freeswing function				●							●
Page	57	60	62	66	71	75	77	81	86	88	92

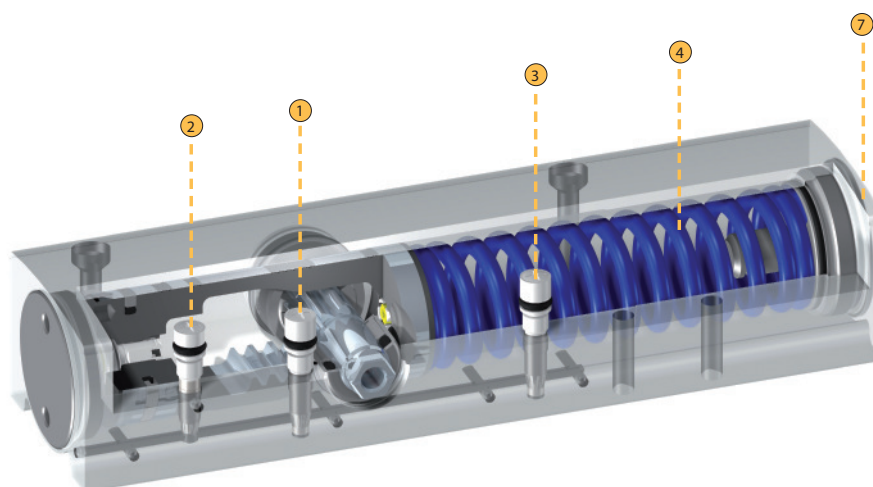
Technics - GEZE Overhead door closer TS 5000



Legend

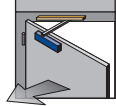
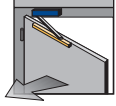
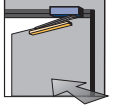
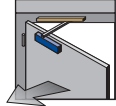
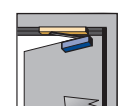
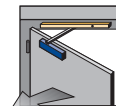
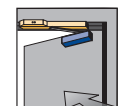
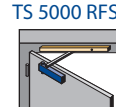
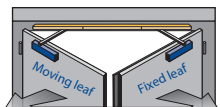
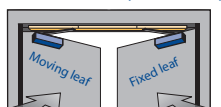
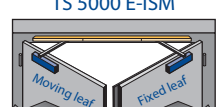
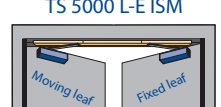
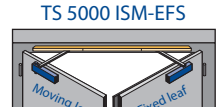
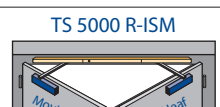
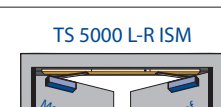
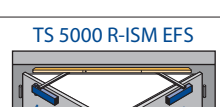
- ① Adjustment closing speed
- ② Adjustment latching action
- ③ Adjustment back check
- ④ Spring package
- ⑤ Display closing force
- ⑥ Adjustment closing force in front
- ⑦ Adjustment closing force on the side

Technics - GEZE Overhead door closer TS 3000 V



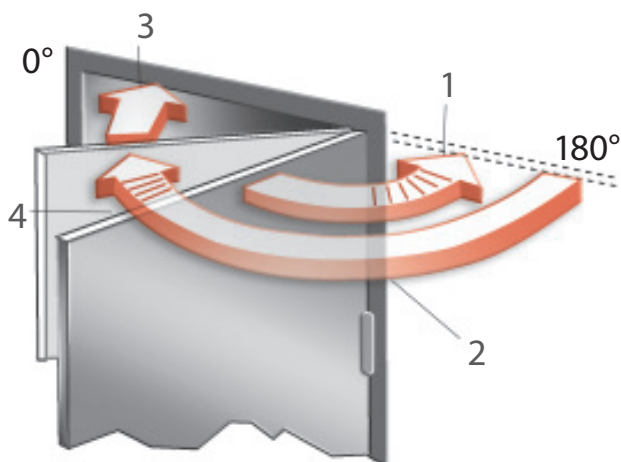
GEZE TS 3000 V / SYSTEM TS 5000

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 / TS 5000 S 	TS 5000 L 	TS 5000 L 	TS 5000 
	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

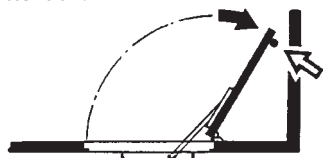
General product functions and information GEZE overhead door closers with guide rail



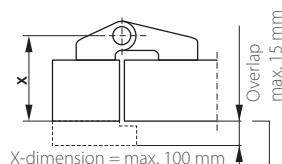
- 1) Backcheck
reduces the speed of forcefully thrown open door at approx. 90° door opening. However, e.g. in the case of outward-opening doors exposed to the wind, it cannot replace separate restriction of the opening angle – installation of a door stop or other structural measures.
- 2) Closing speed
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.

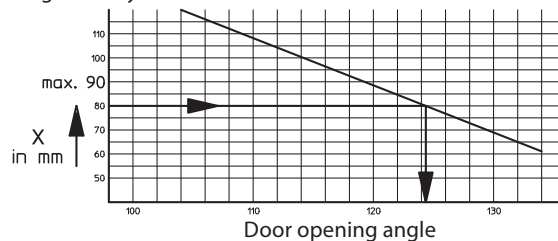
If the structural (door height, door weight) or local conditions (wind) require, the next-highest size must be set.

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.

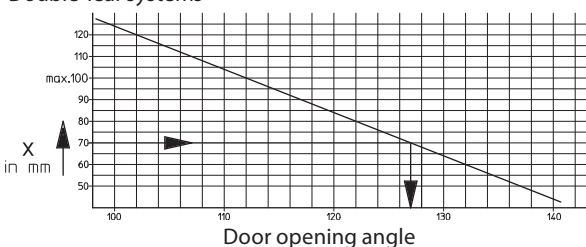
Door closing force EN	Door leaf width (mm)
Size 1	up to 750
Size 2	over 750 up to 850
Size 3	over 850 up to 950
Size 4	over 950 up to 1100
Size 5	over 1100 up to 1250
Size 6	over 1250 up to 1400

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

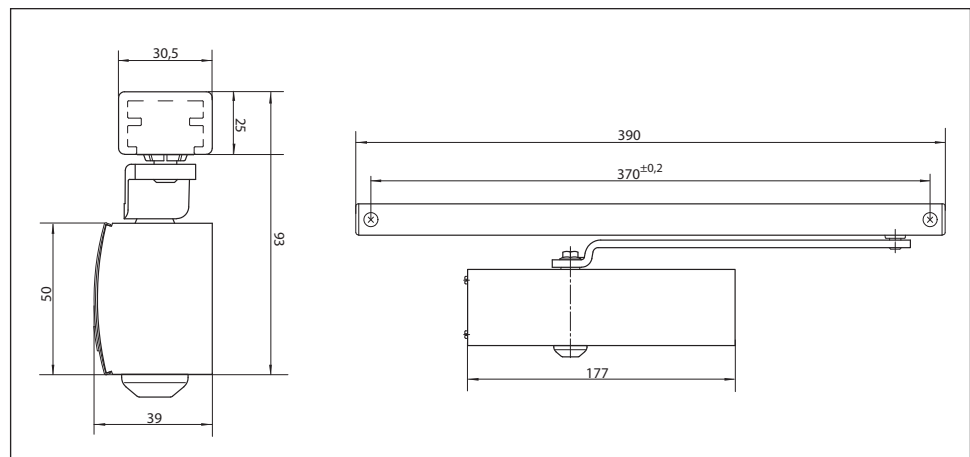
Guide rail door closer for single-leaf doors with up to 750 mm leaf width

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

GEZE TS 1500 G



GEZE TS 1500 G



Applications

- For interior doors
- For single-action doors, leaf width up to 750 mm
- Can be used for right and left-hand doors 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 to EN 1154
Length	177 mm
Overall depth	39 mm
Height	50 mm

Functions

Adjustable closing force	No
Adjustable closing speed	●
Adjustable latching action	Yes, via valve
Integrated back check	No

Guide rail technical data:

Product features	TS 1500 G guide rail	TS 1500 G/F guide rail
Length		390 mm
Overall depth		30.5 mm
Height		20.5 mm

Functions

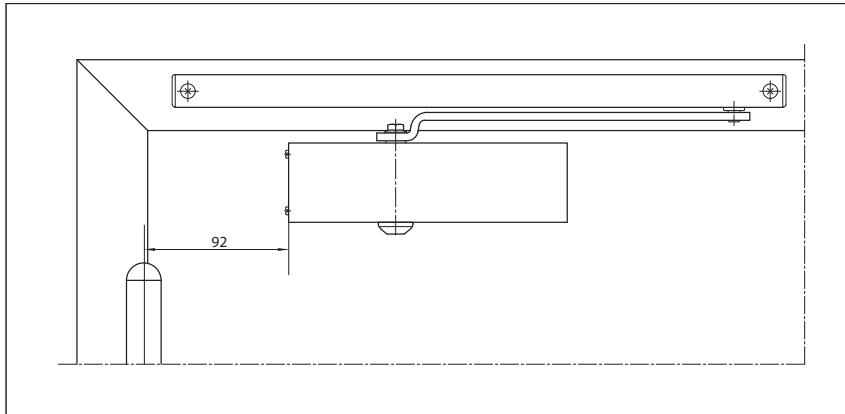
Integrated opening restrictor	○	○
Integrated hold-open	●	Mechanical
Hold-open can be switched on and off		●
Hold-open position can be overridden		●
Hold-open angle		80°-130°

○ = optional

● = standard

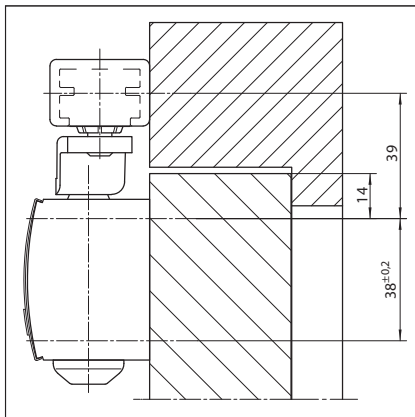
Door leaf mounting/hinge side TS 1500 G

View

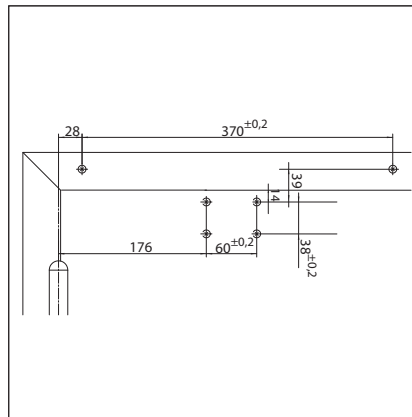


Mounting example of the GEZE TS 1500 G

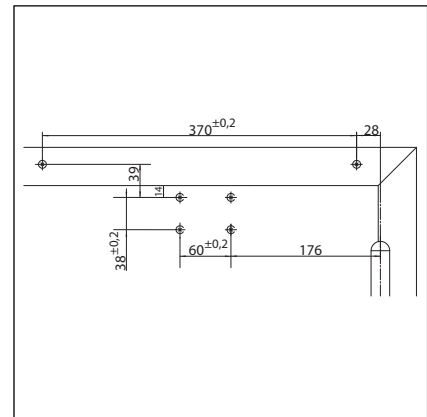
Direct mounting



Section = direct mounting

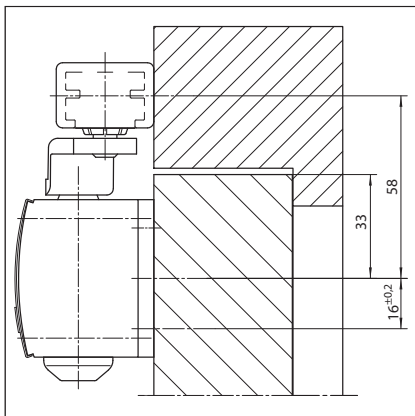


Fitting dimensions, left-hand door

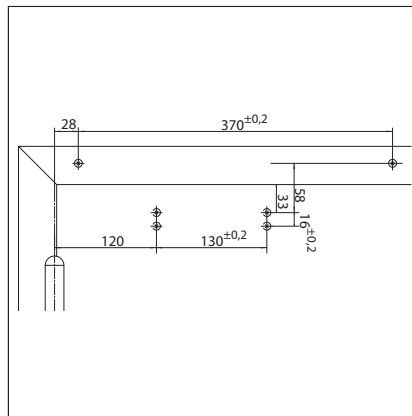


Fitting dimensions, right-hand door

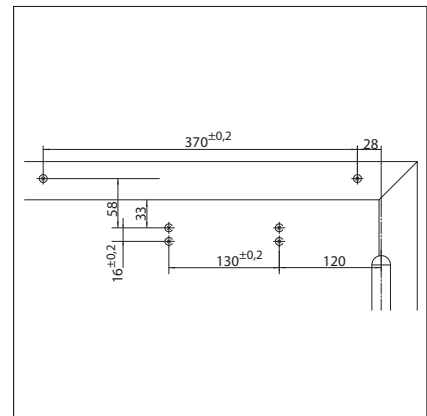
Mounting with mounting plate



Section = mounting with mounting plate



Fitting dimensions, left-hand door



Fitting dimensions, right-hand door

GEZE TS 3000 V / SYSTEM TS 5000

GEZE TS 1500 G – Ordering information

Description	Version	ID.No.
GEZE TS 1500 G Closer Size EN 1 (without guide rail and lever)	silver-coloured	101792
	dark bronze	101793
	white RAL 9016	101794
	acc. to RAL	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
Mounting material		
Mounting plate guide rail 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		
Cover cap door closer 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, retention force adjustable, can be switched on and off, and overridden		071924
Flexible opening restrictor for lightweight doors riveted for guide rail, standard guide rail BG & Boxer 20.7 mm guide rail		069780

¹⁾ Surcharge for RAL special colours, see General Notes

GEZE TS 3000 V / SYSTEM TS 5000

GEZE TS 3000 V

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

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

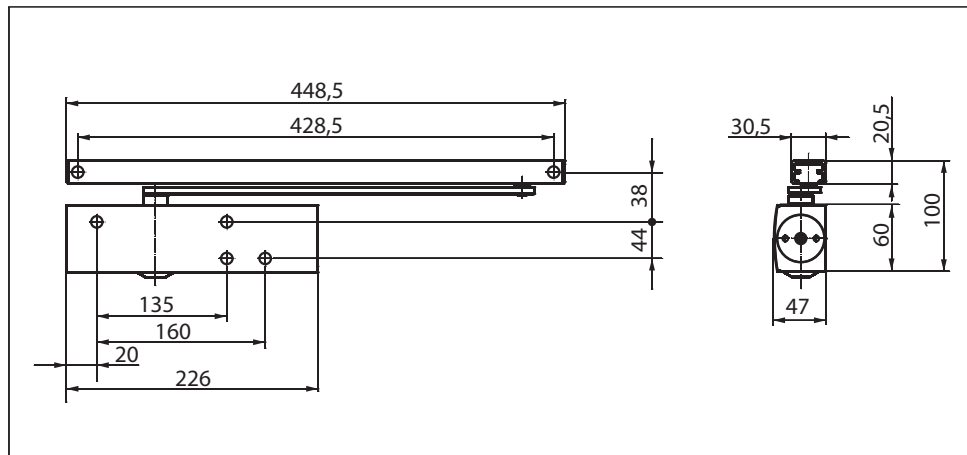
Special versions:

- TS 3000 V with mechanical hold-open, stepless adjustable between 80° and 130° (not approved for mounting on fire and smoke doors)
- TS 3000 VBC with back check, adjustable from the front

GEZE TS 3000 V



GEZE TS 3000 V



Applications

- For single-action doors, leaf width up to 1100 mm
- Can be used for right and left-hand doors without conversion
- For fire 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 VBC 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 to EN 1154		
Fire door suitability	●	●	●
Mounting plate with hole pattern to EN 1154 supplement	●	●	●
Length		226 mm	
Overall depth		46 mm	
Height		60 mm	
Functions			
Adjustable closing force	Yes, stepless	Yes, stepless	No
Adjustable closing speed	●	●	●
Adjustable latching action	Yes, via valve		
Integrated back check	No	Yes, hydraulically adjustable	No
Position of closing force adjustment	At the side	At the side	
Safety valve against vandalism	●	●	●
Thermo-stabilised valves	●	●	●

Guide rail technical data:

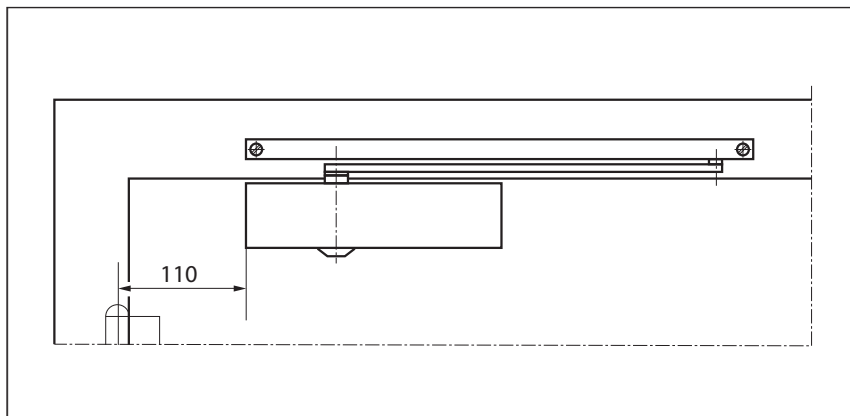
Product features	Guide rail TS 5000/3000, adjust- able height	Guide rail TS 5000/3000	T-STOP guide rail TS 5000/3000
Length	448.5 mm	448.5 mm	452.5 mm
Overall depth	30.5 mm	30.5 mm	33 mm
Height	20.5 mm	20.5 mm	30 mm
Functions			
Integrated opening restrictor	○	○	●
Integrated hold-open	○	○	○
Height correction possible	●		

○ = optional

● = standard

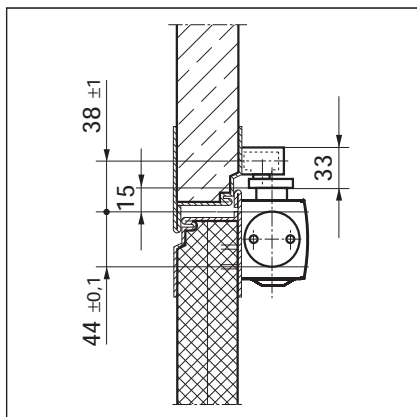
Door leaf mounting/hinge side TS 3000 V

View

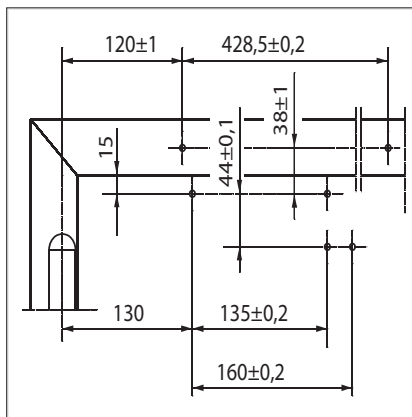


Mounting example of the GEZE TS 3000 V

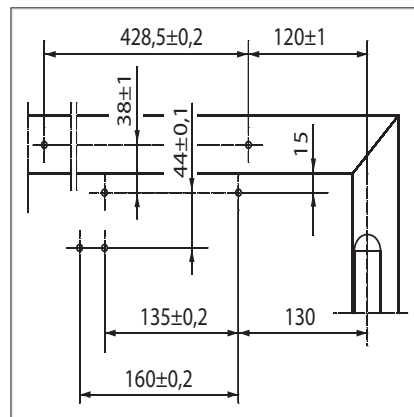
Direct mounting



Section = direct mounting

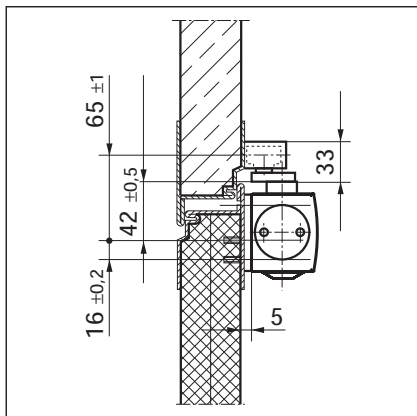


Fitting dimensions, left-hand door

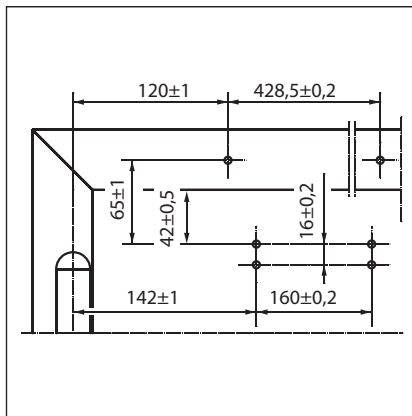


Fitting dimensions, right-hand door

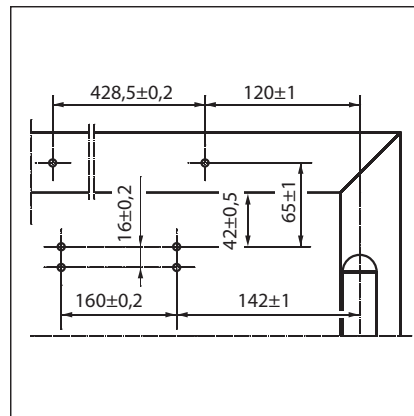
Mounting with mounting plate



Section = mounting with mounting plate



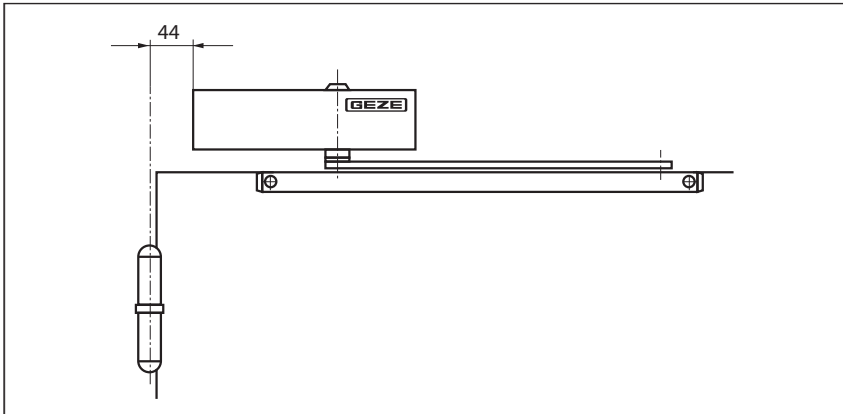
Fitting dimensions, left-hand door



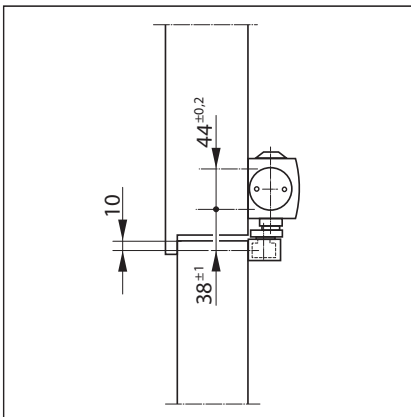
Fitting dimensions, right-hand door

Frame mounted/hinge side TS 3000 V

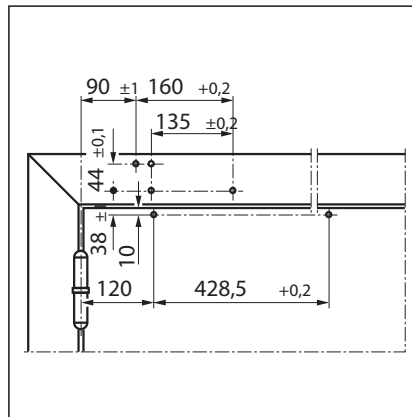
View



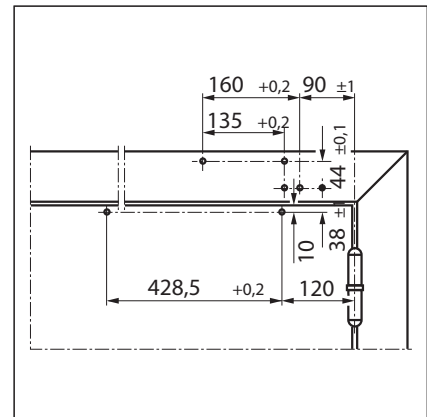
Mounting example of the GEZE TS 3000 V

Direct mounting

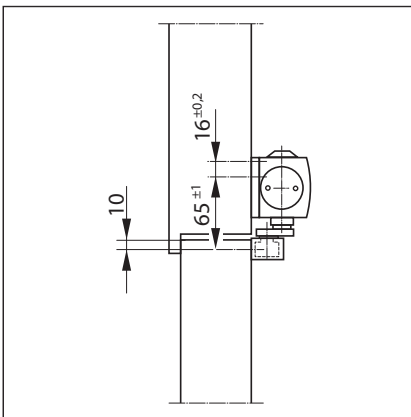
Section = direct mounting



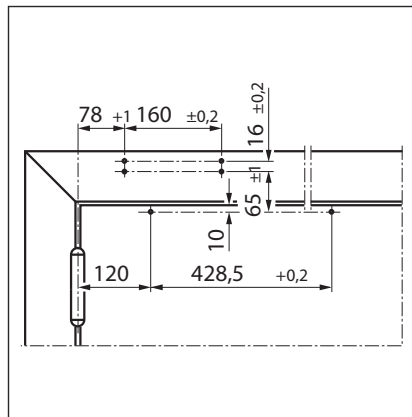
Fitting dimensions, left-hand door



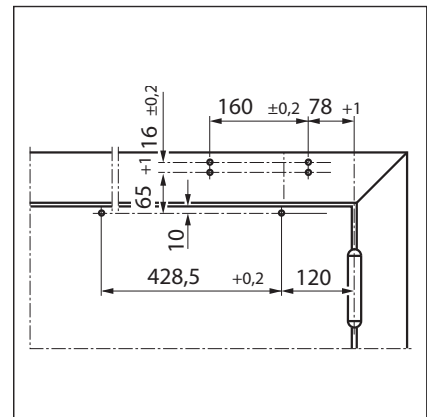
Fitting dimensions, right-hand door

Mounting with mounting plate

Section = mounting with mounting plate



Fitting dimensions, left-hand door

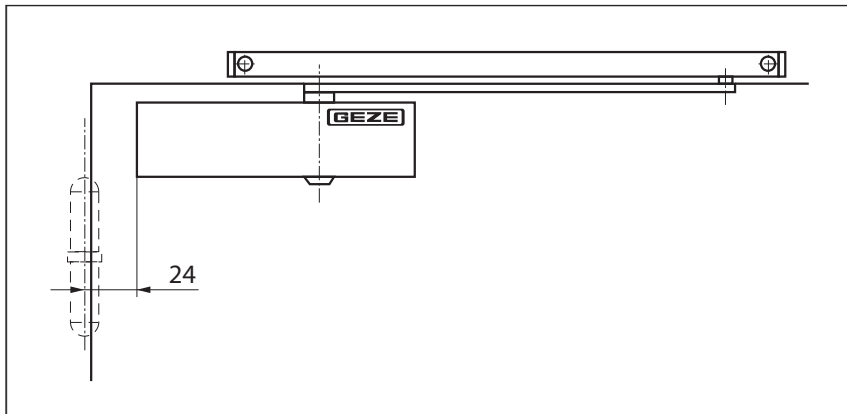


Fitting dimensions, right-hand door

GEZE TS 3000 V / SYSTEM TS 5000

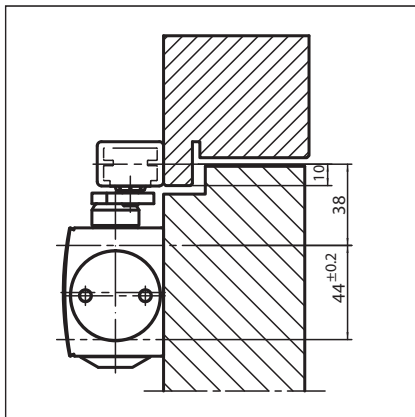
Door leaf mounting/opposite hinge TS 3000 V

View

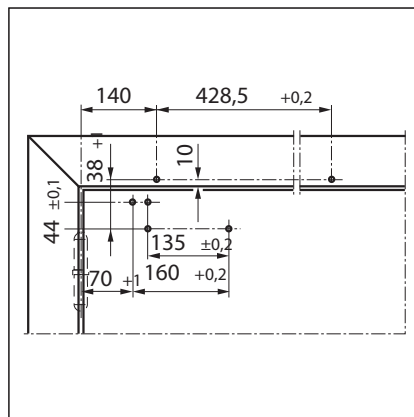


Mounting example of the GEZE TS 3000 V

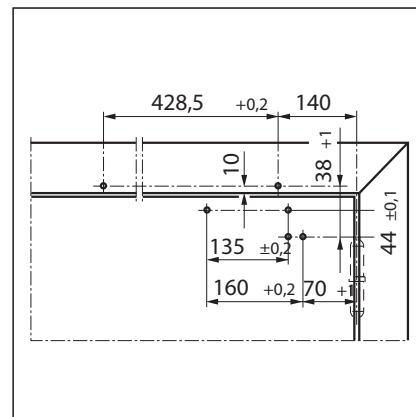
Direct mounting



Section = direct mounting

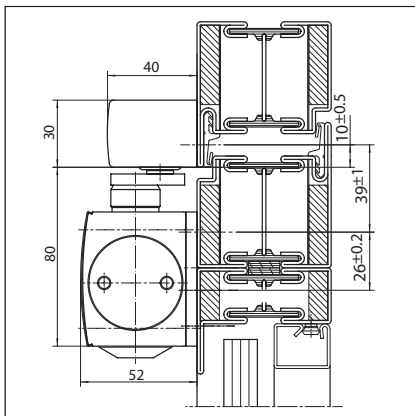


Fitting dimensions, right-hand door

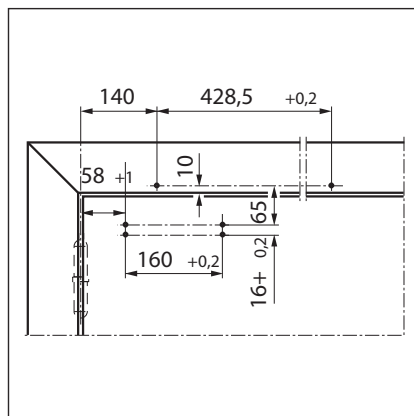


Fitting dimensions, left-hand door

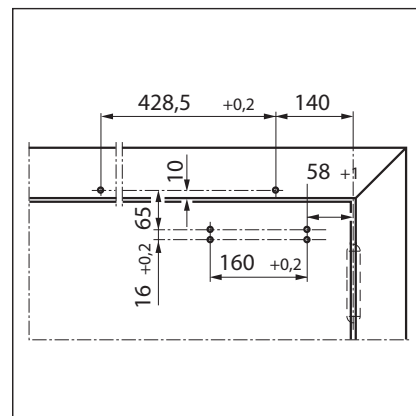
Mounting with mounting plate



Section = mounting with mounting plate



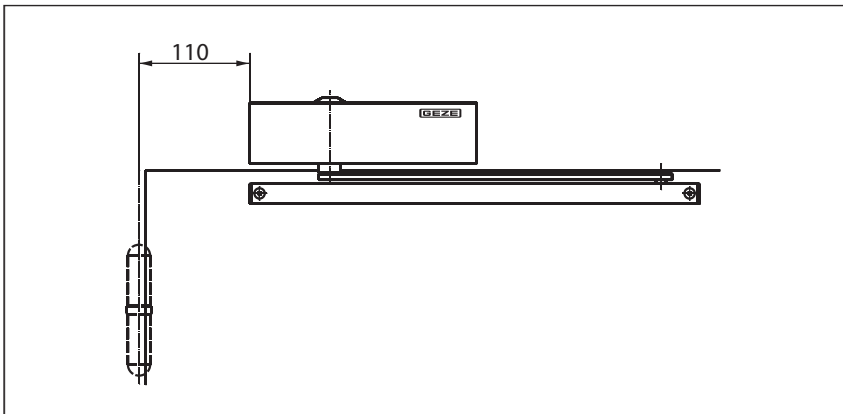
Fitting dimensions, right-hand door



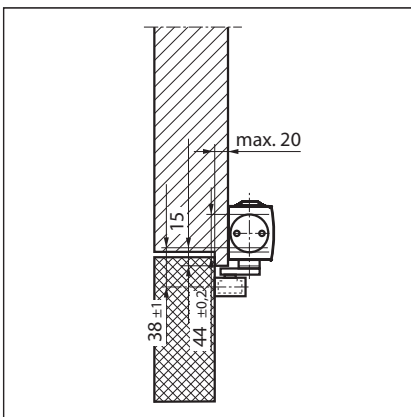
Fitting dimensions, left-hand door

Frame mounted/opposite hinge side TS 3000 V

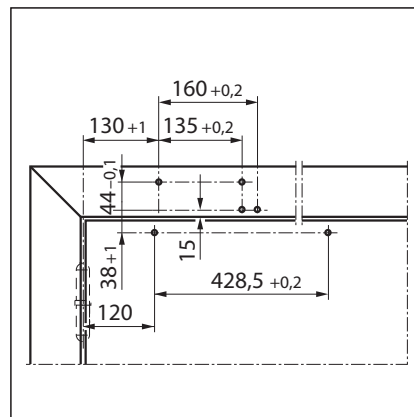
View



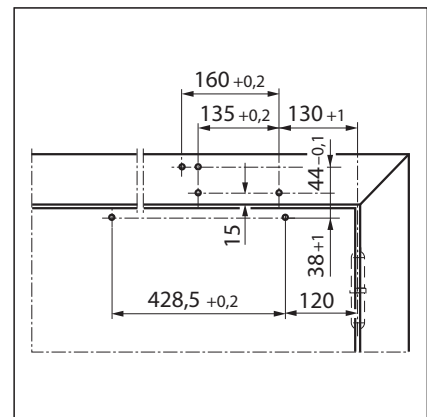
Mounting example of the GEZE TS 3000 V

Direct mounting

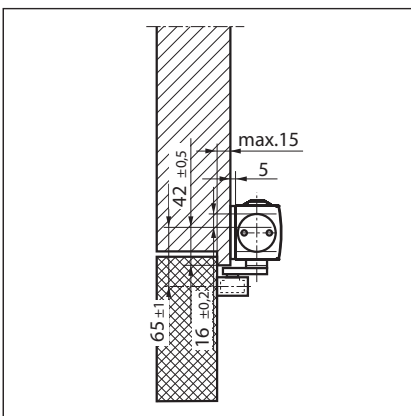
Section = direct mounting



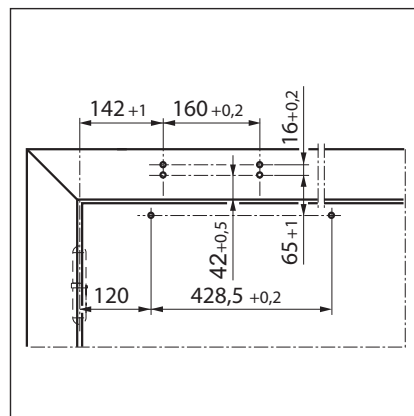
Fitting dimensions, right-hand door



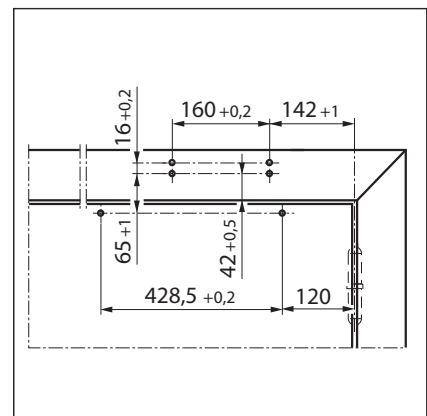
Fitting dimensions, left-hand door

Mounting with mounting plate

Section = mounting 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 opening damping (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 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
	simulated satinless steel ¹⁾	014945
	acc. to RAL ²⁾	000773
Guide rail BG TS 5000/TS 3000 Standard, with lever, use with closer on leaf installation on the opposite hinge side	silver-coloured	025655
	white RAL 9016	029404
	simulated satinless steel ¹⁾	028732
	acc. to RAL ²⁾	025656
T-Stop guide rail TS 5000/TS 3000 with integrated opening restrictor and lever	silver-coloured	102363
	white RAL 9016	108481
	simulated satinless steel ¹⁾	102364
	acc. to RAL ²⁾	102365
T-Stop guide rail BG TS 5000/TS 3000 with integrated opening restrictor and lever, use with closer on leaf installation on the opposite hinge side	silver-coloured	102366
	white RAL 9016	108482
	simulated satinless steel ¹⁾	102367
	acc. to RAL ²⁾	102368
Mounting material		
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 / T-Stop / EFS guide rail	silver-coloured	124683
	acc. to RAL ²⁾	124684

GEZE TS 3000 V / SYSTEM TS 5000

Description	Version	ID.No.
Mounting plate guide rail for standard / 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
	simulated satinless steel ¹⁾	028393
	acc. to RAL ²⁾	025658
Lintel casing bracket guide rail BG for T-Stop guide rail	silver-coloured	115006
	acc. to RAL ²⁾	115007
Drilling template door closer for TS 5000/TS 4000/TS 3000/TS 2000		053134
Accessories		
Cover cap door closer 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, retention force adjustable, can be switched on and off, and 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 Notes



TS 5000 R and TS 3000 V, Häussler Global Office GmbH, Stuttgart/Germany

GEZE TS 3000 V / SYSTEM TS 5000

GEZE TS 5000

Guide rail door closer for single-leaf doors with up to 1400 mm leaf width

The TS 5000 overhead door closer stands for clear, clean lines and diverse system variations. It is for right and left-hand single-action doors with large leaf widths up to 1400 mm and approved for use on fire and smoke doors. The closing force, size 2-6 to EN 1154, the thermo-stabilised closing speed, the hydraulic latching action and the back check can be effortlessly adjusted from the front when installed. Due to the visual display the set closing force can be easily checked.

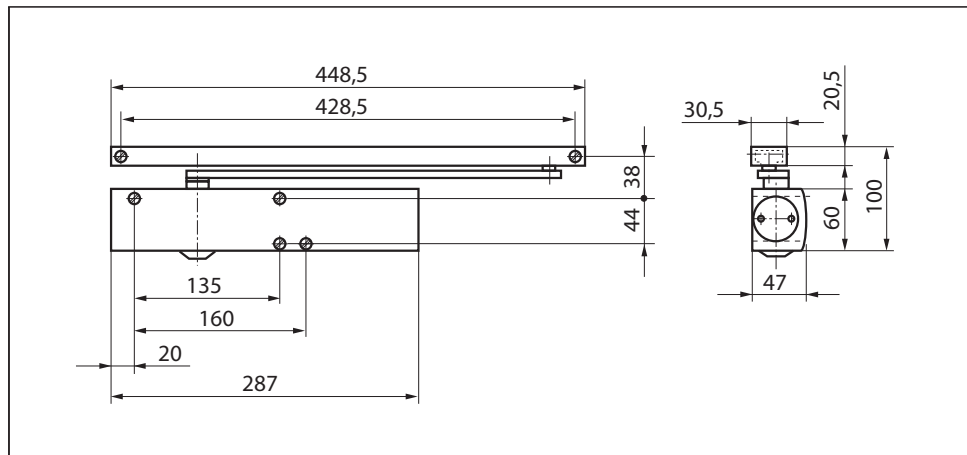
Special versions:

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

GEZE TS 5000



GEZE TS 5000



Applications

- For single-action doors, leaf width up to 1400 mm
- Can be used for right and left-hand doors without conversion
- For fire 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 to EN 1154		
Fire door suitability	●	●	●
Mounting plate with hole pattern to EN 1154 supplement	●	●	●
Length		287 mm	
Overall depth		47 mm	
Height		60 mm	
Functions			
Adjustable closing force		Yes, stepless	
Adjustable closing speed	●	●	●
Adjustable latching action		Yes, via valve	
Integrated back check		Yes, hydraulically adjustable	
Integrated delayed closing		●	
Position of closing force adjustment		Front	
Visual display of the closing force	●	●	●
Safety valve against vandalism	●	●	●
Thermo-stabilised valves	●	●	●

Guide rail technical data:

Product features	Guide rail TS 5000/3000, adjustable height	Guide rail TS 5000/3000	T-STOP guide rail TS 5000/3000
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	●		

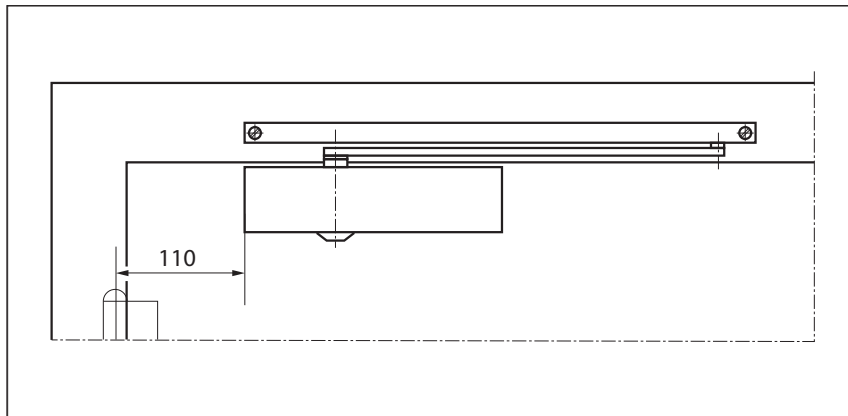
○ = optional

● = standard

GEZE TS 3000 V / SYSTEM TS 5000

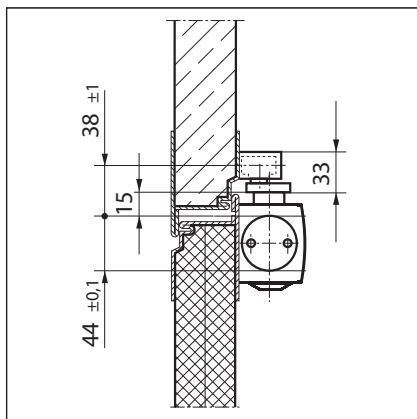
Door leaf mounting/hinge side TS 5000

View

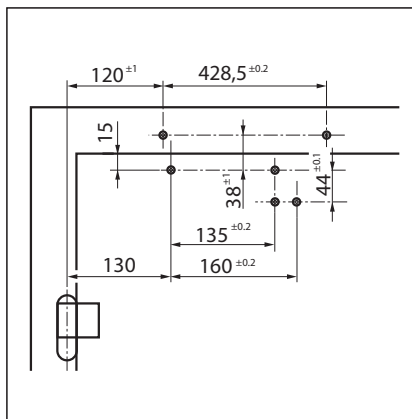


Mounting example of the GEZE TS 5000

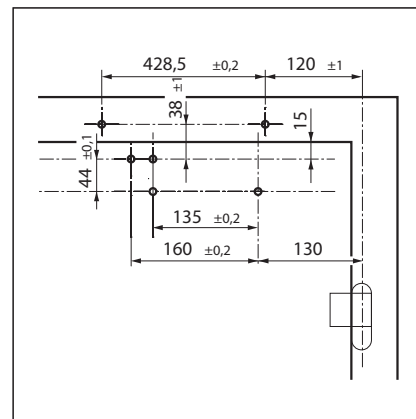
Direct mounting



Section = direct mounting

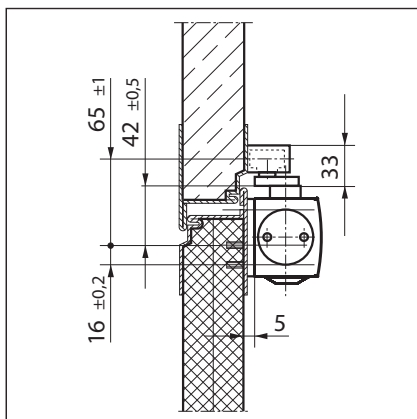


Fitting dimensions, left-hand door

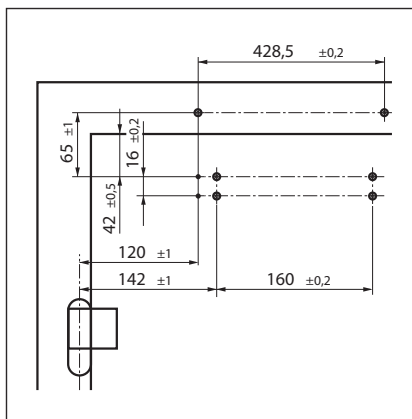


Fitting dimensions, right-hand door

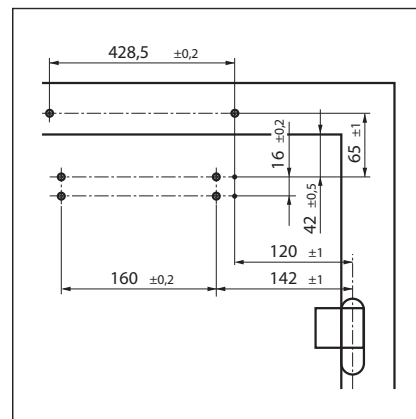
Mounting with mounting plate



Section = mounting with mounting plate

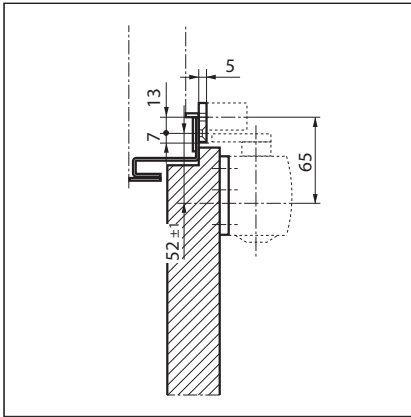


Fitting dimensions, left-hand door

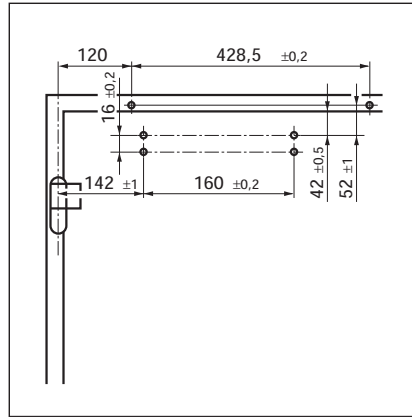


Fitting dimensions, right-hand door

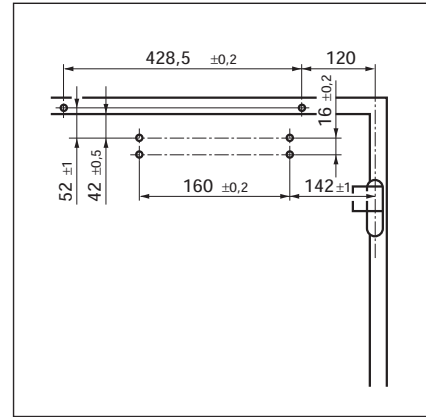
Mounting on narrow door frames



Section = mounting with mounting plate



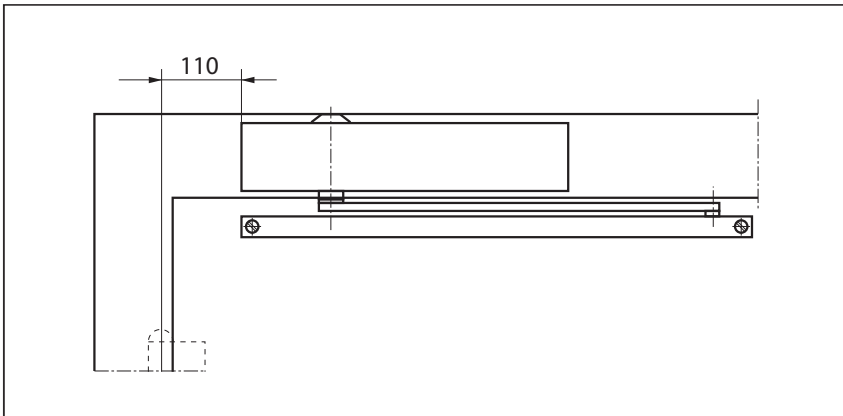
Fitting dimensions, left-hand door



Fitting dimensions, right-hand door

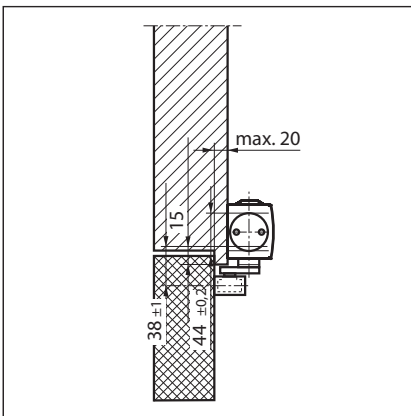
Frame mounted/opposite hinge side TS 5000 (back check ineffective)

View

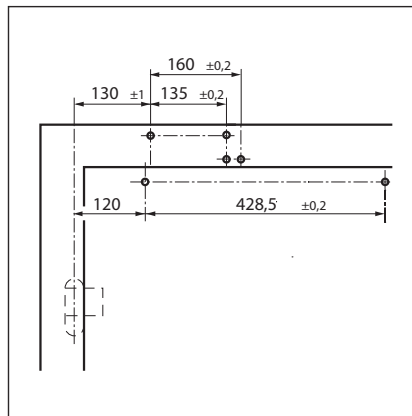


Mounting example of the GEZE TS 5000

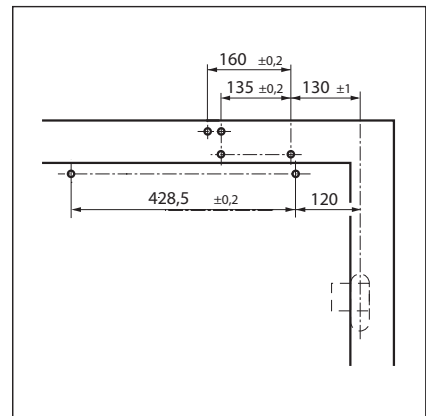
Direct mounting



Section = direct mounting

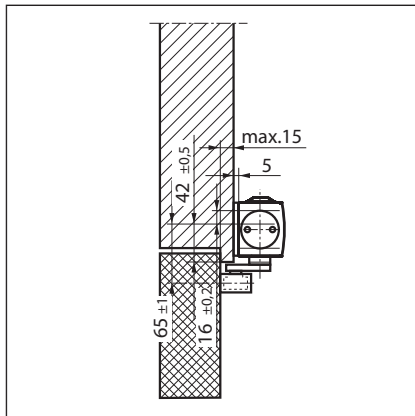


Fitting dimensions, right-hand door

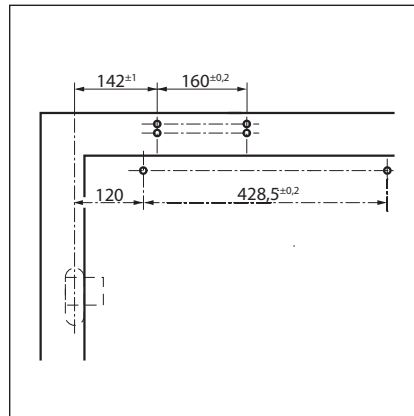


Fitting dimensions, left-hand door

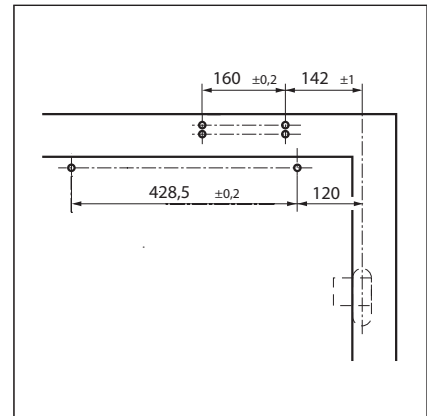
Mounting with mounting plate



Section = mounting with mounting plate



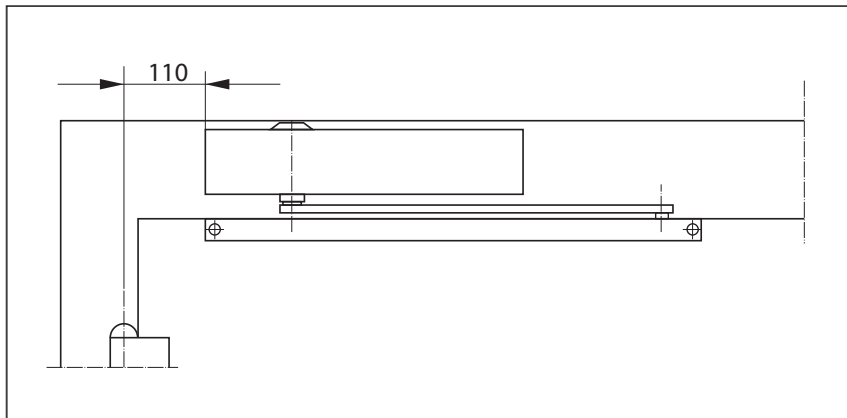
Fitting dimensions, right-hand door



Fitting dimensions, left-hand door

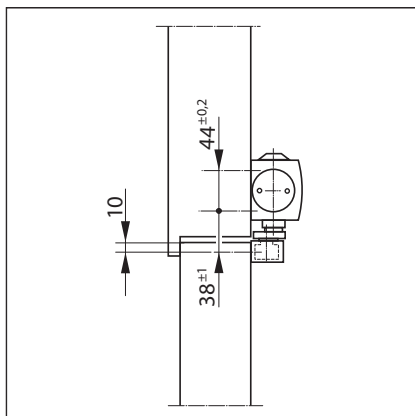
Frame mounted/hinge side TS 5000 L

View

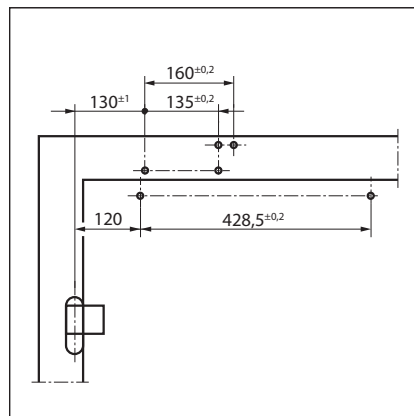


Mounting example of the GEZE TS 5000 L

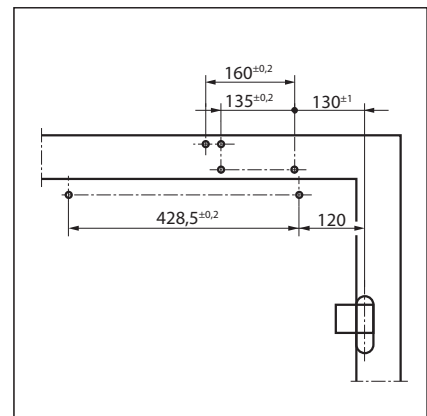
Direct mounting



Section = direct mounting

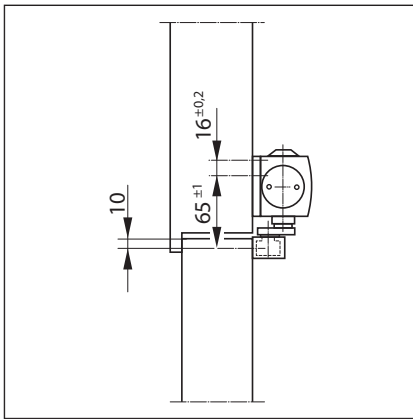


Fitting dimensions, left-hand door

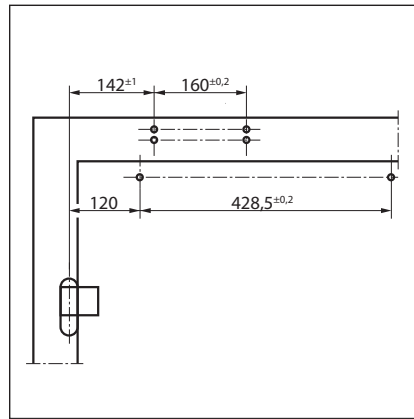


Fitting dimensions, right-hand door

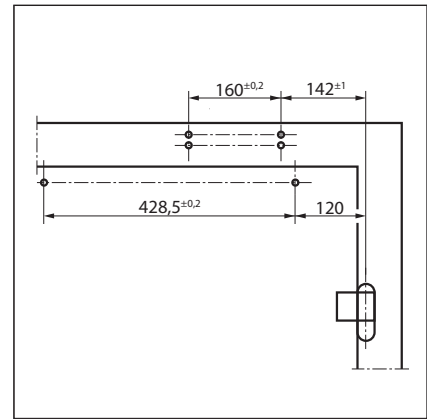
Mounting with mounting plate



Section = mounting with mounting plate



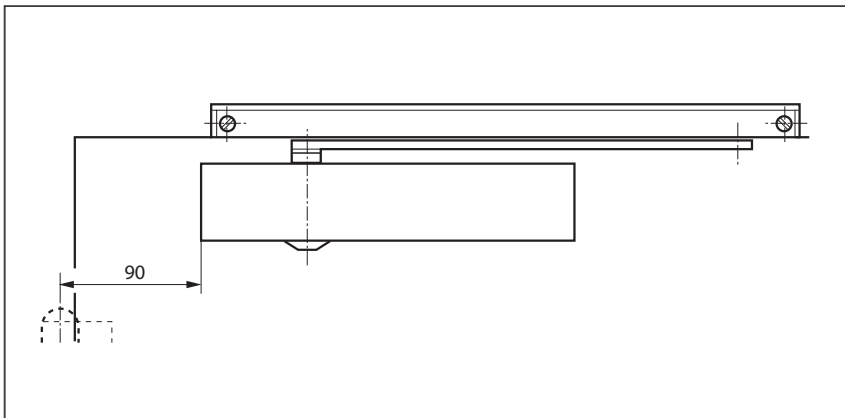
Fitting dimensions, left-hand door



Fitting dimensions, right-hand door

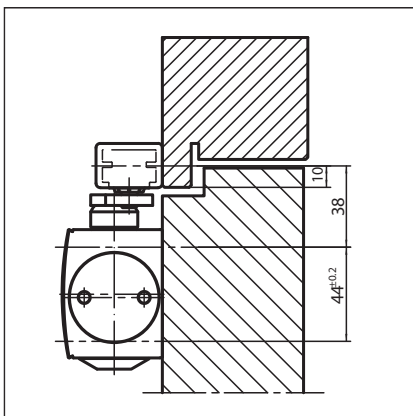
Door leaf mounting/opposite hinge side TS 5000 L

View

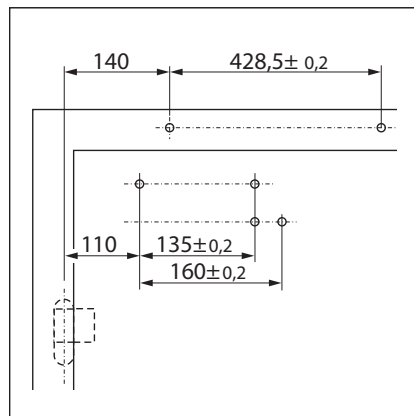


Mounting example of the GEZE TS 5000 L

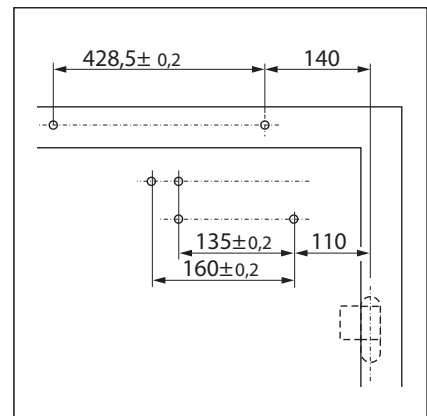
Direct mounting



Section = direct mounting



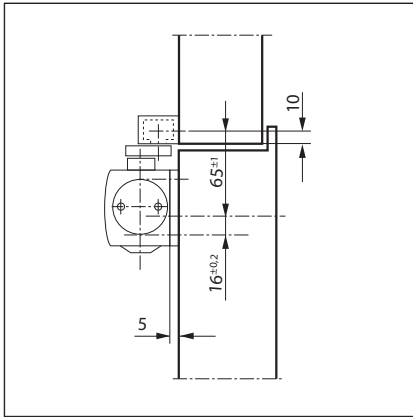
Fitting dimensions, left-hand door



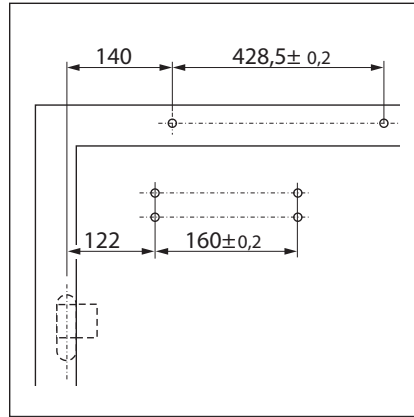
Fitting dimensions, right-hand door

GEZE TS 3000 V / SYSTEM TS 5000

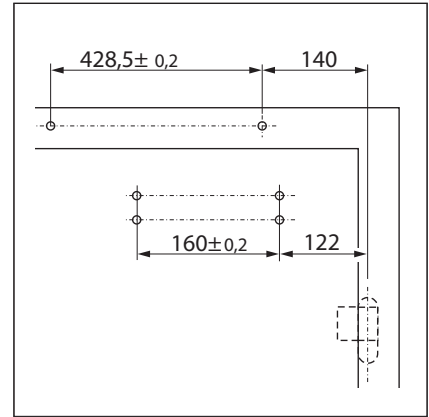
Mounting with mounting plate



Section = mounting with mounting plate

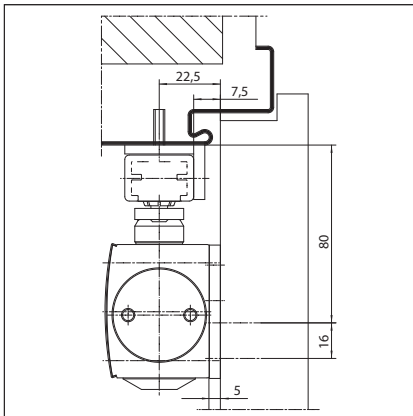


Fitting dimensions, left-hand door



Fitting dimensions, right-hand door

Mounting with lintel casing bracket



Section = mounting with mounting plate and lintel casing bracket



TS 5000, HAWK, Holzminden



TS 5000, Textile and Industry Museum, Augsburg/Germany

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 opening damping (without guide rail and lever)	silver-coloured	027333
	dark bronze	027334
	white RAL 9016	027335
	simulated satinless steel ¹⁾	137721
	acc. to RAL ²⁾	027336
GEZE TS 5000 S Closer Size EN 2-6, with delayed closing action and opening damping (without guide rail and lever)	silver-coloured	107935
	dark bronze	107936
	white RAL 9016	107937
	simulated satinless steel ¹⁾	137722
	acc. to RAL ²⁾	107938
GEZE TS 5000 L Closer Size EN 2-6, with opening damping (without guide rail and lever)	silver-coloured	027351
	dark bronze	029399
	white RAL 9016	029400
	simulated satinless steel ²⁾	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
	simulated satinless steel ¹⁾	014945
	acc. to RAL ²⁾	000773
T-Stop guide rail TS 5000/TS 3000 with integrated opening restrictor and lever	silver-coloured	102363
	white RAL 9016	108481
	simulated satinless steel ¹⁾	102364
	acc. to RAL ²⁾	102365
Guide rail BG 5000/TS 3000 vertically adjustable Height compensation +/- 2 mm, with lever, use with closer on leaf installation on the opposite hinge side	silver-coloured	115193
	acc. to RAL ²⁾	115194
Guide rail BG TS 5000/TS 3000 Standard, with lever, use with closer on leaf installation on the opposite hinge side	silver-coloured	025655
	white RAL 9016	029404
	simulated satinless steel ¹⁾	028732
	acc. to RAL ²⁾	025656
T-Stop guide rail BG TS 5000/TS 3000 with integrated opening restrictor and lever, use with closer on leaf installation on the opposite hinge side	silver-coloured	102366
	white RAL 9016	108482
	simulated satinless steel ¹⁾	102367
	acc. to RAL ²⁾	102368
Mounting material		
Drilling template door closer 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

1) Only for dry rooms

2) Surcharge for RAL special colours, see General Notes

GEZE TS 3000 V / SYSTEM TS 5000

Description	Version	ID.No.
Mounting plate guide rail for standard / 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 / 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
	simulated satinless steel ¹⁾	028393
	acc. to RAL ²⁾	025658
Lintel casing bracket guide rail BG for T-Stop guide rail	silver-coloured	115006
	acc. to RAL ²⁾	115007
Accessories		
Cover cap door closer for TS 5000/TS 4000, can only be used for door leaf installation	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, retention force adjustable, can be switched on and off, and 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 Notes

GEZE TS 5000 E

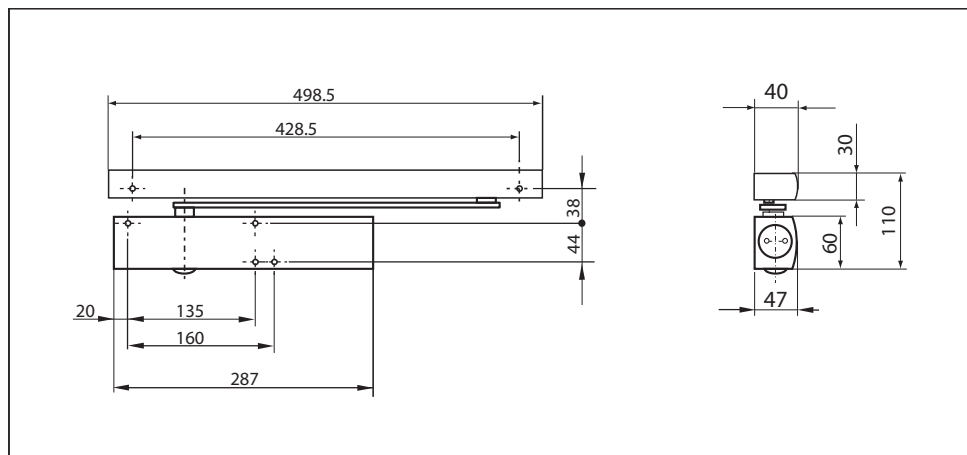
Guide rail door closer for single-leaf doors up to 1400 mm leaf width with electrical hold-open

Due to the electromechanical hold-open (to EN 1155) in the 30 mm low guide rail the TS 5000 E overhead door closer can be stepless adjusted to an exact point between 80° and 130°. Since this hold-open device is released in case of fire or a power failure and the door closes safely, this closer is authorised for use with single leaf fire and smoke doors. The closing force, size 2-6 to EN 1154, the closing speed, the latching action and the back check can be adjusted from the front. The door closer has a visual closing force display. The holding force of the hold-open is adjustable and the hold-open position can be overridden.

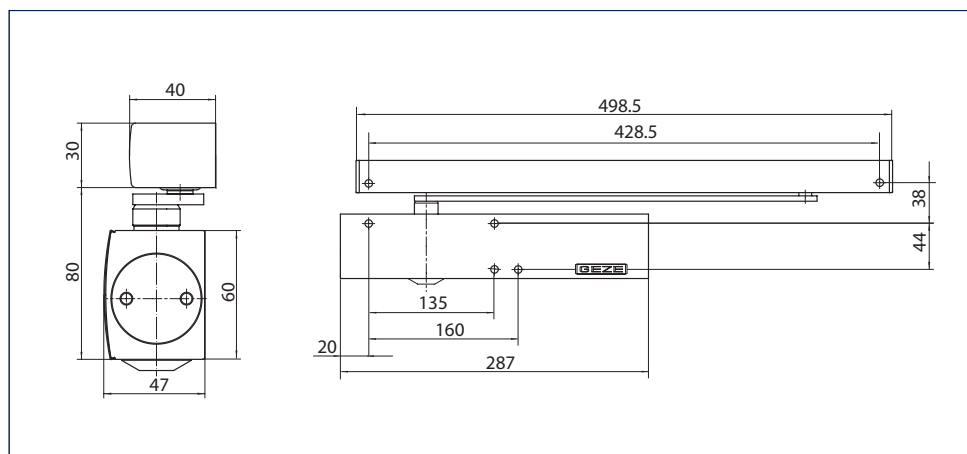
GEZE TS 5000 E



GEZE TS 5000 E



GEZE TS 5000 L-E



GEZE TS 3000 V / SYSTEM TS 5000

Applications

- For single-action doors, leaf width up to 1400 mm
- Can be used for right and left-hand doors without conversion
- For fire 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 to EN 1154	
Fire door suitability	●	●
Mounting plate with hole pattern to EN 1154 supplement	●	●
Length	287 mm	
Overall depth	47 mm	
Height	60 mm	
Functions		
Adjustable closing force	Yes, stepless	
Adjustable closing speed	●	●
Adjustable latching action	Yes, via valve	
Integrated back check	Yes, hydraulically adjustable	
Position of closing force adjustment	Front	
Visual display of the closing force	●	●
Safety valve against vandalism	●	●
Thermo-stabilised valves	●	●

Guide rail technical data:

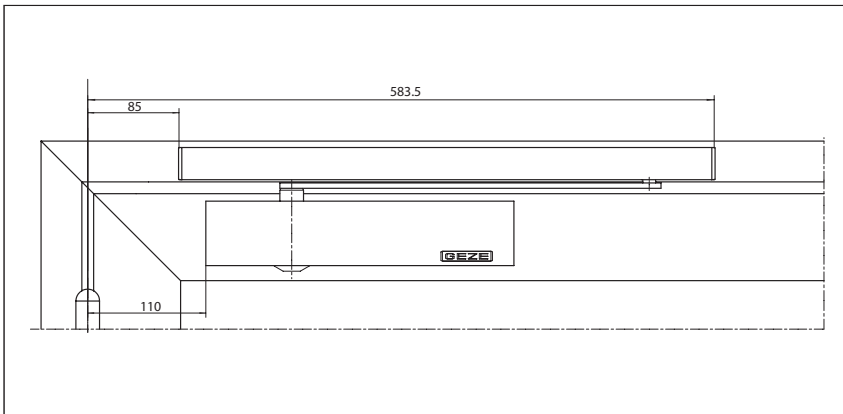
Product features	TS 5000 E-guide rail	BG TS 5000 E-guide rail
Supply voltage	24 V DC	
Enclosure rating	IP 43	
Product tested to	Hold-open device tested to EN 1154	
Length	498.5 mm	
Overall depth	40 mm	
Height	30 mm	
Functions		
Integrated hold-open	Electrical	
Hold-open position can be overridden	●	●
Hold-open angle	80°-130°	from 80°
Height correction possible	●	●

○ = optional

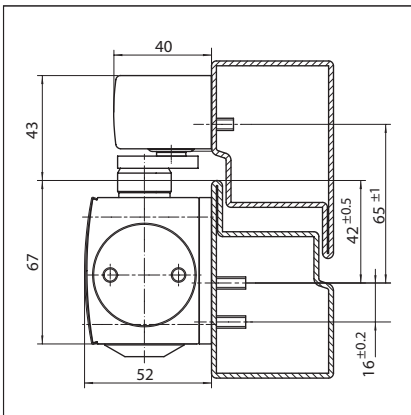
● = standard

Door leaf mounting/hinge side TS 5000 E

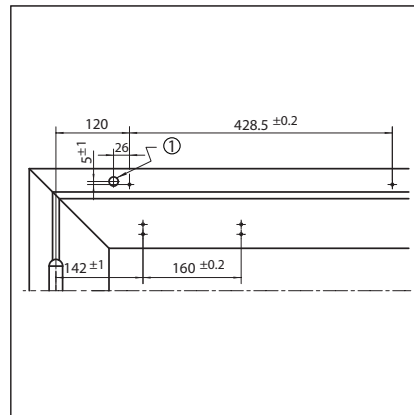
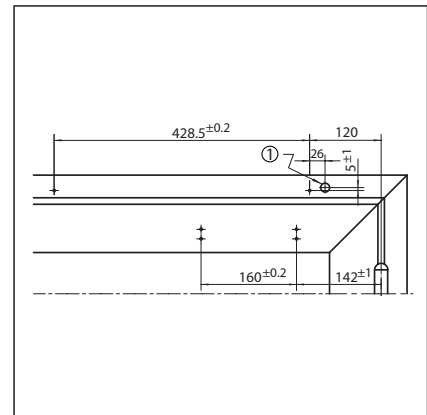
View



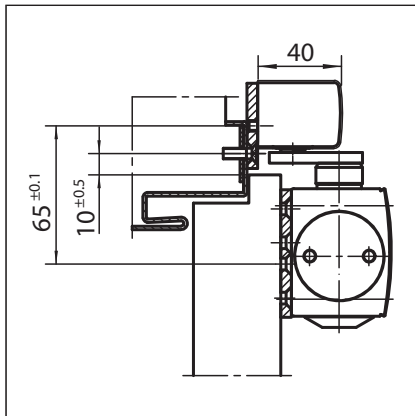
Mounting example of the GEZE TS 5000 E

Mounting with mounting plate

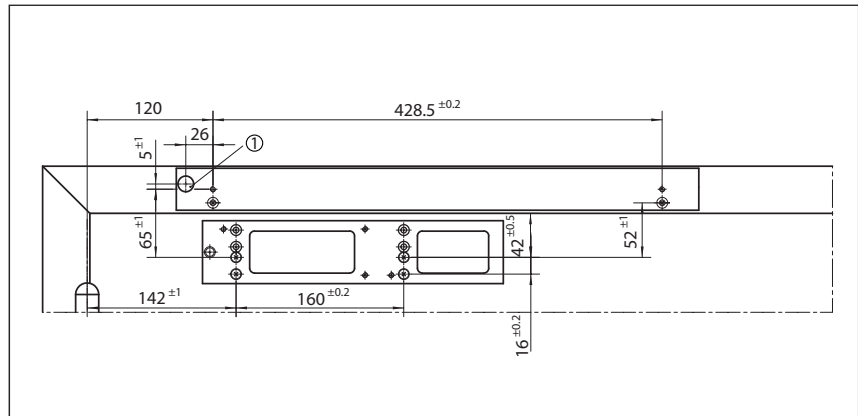
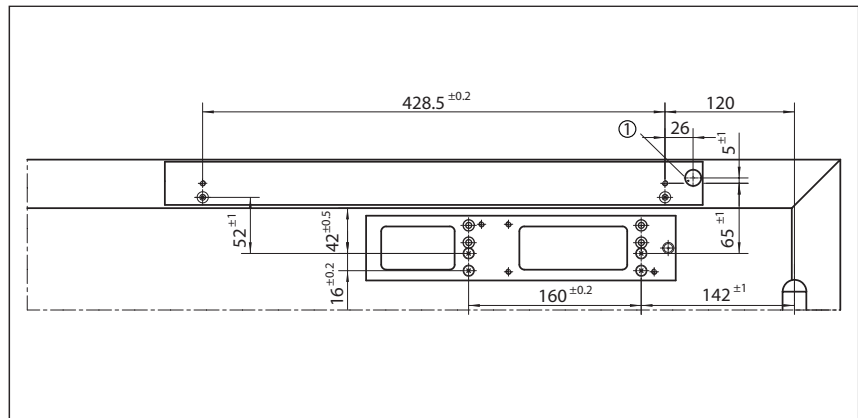
Section = mounting with mounting plate

Fitting dimensions, left-hand door
1 = Ø 15 Power supply cable 24 VFitting dimensions, right-hand door
1 = Ø 15 Power supply cable 24 V

Mounting on narrow door frames

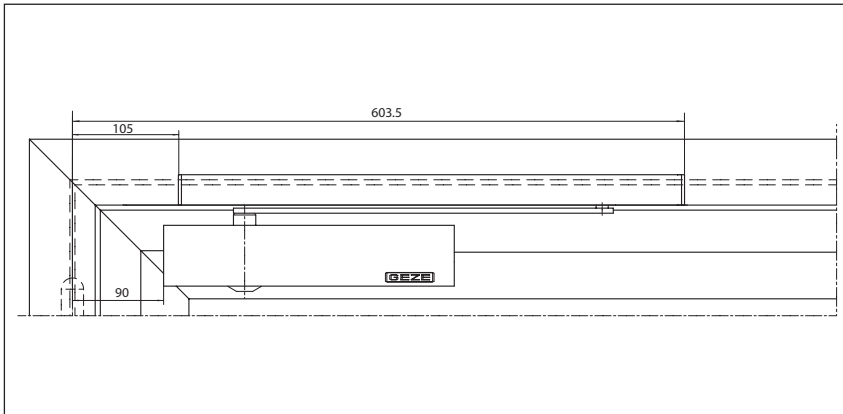


Section = mounting with mounting plate

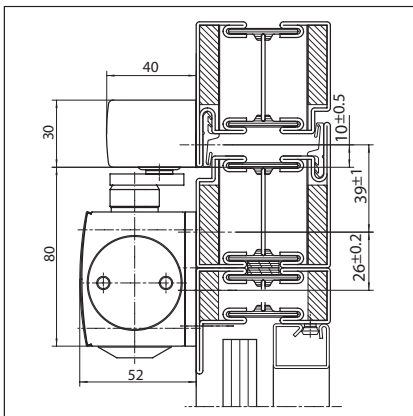
Fitting dimensions, left-hand door
1 = Ø 15 Power supply cable 24 VFitting dimensions, right-hand door
1 = Ø 15 Power supply cable 24 V

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

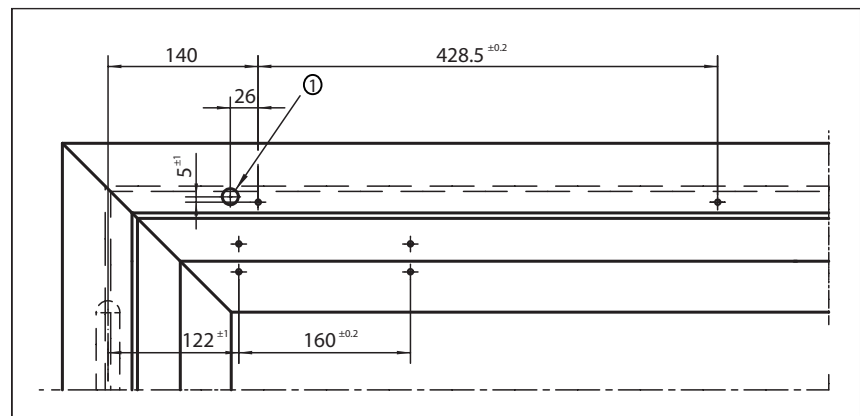
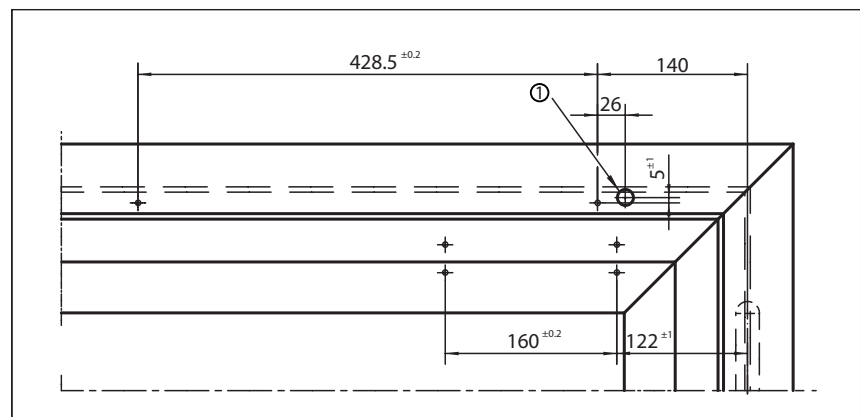
View



Mounting example of the GEZE TS 5000 L-E with mounting plate on a fire door

Mounting with mounting plate

Section = mounting with mounting plate

Fitting dimensions, right-hand door
1 = $\varnothing$ 15 Power supply cable 24 VFitting dimensions, left-hand door
1 = $\varnothing$ 15 Power supply cable 24 V

Technical drawing of a mechanical assembly showing a cross-section of a housing and a cylindrical component. The housing has a hatched section. Dimensions are given in mm: 16 $\pm$ 0.2, 65 $\pm$ 1, 23, 40, and 10 $\pm$ 0.5.

[illegible]

GEZE DOOR TECHNOLOGY

GEZE TS 3000 V / SYSTEM TS 5000

GEZE TS 5000 E - order information

Description	Version	ID.No.
GEZE TS 5000 Closer Size EN 2-6, with opening damping (without guide rail and lever)	silver-coloured	027333
	dark bronze	027334
	white RAL 9016	027335
	simulated satinless steel ¹⁾	137721
	acc. to RAL ²⁾	027336
GEZE TS 5000 L Closer Size EN 2-6, with opening damping (without guide rail and lever)	silver-coloured	027351
	dark bronze	029399
	white RAL 9016	029400
	simulated satinless steel ²⁾	137723
	acc. to RAL ²⁾	027352
E-guide rail TS 5000 with electrical hold-open and lever	silver-coloured	116295
	dark bronze	116296
	white RAL 9016	116297
	simulated satinless steel ¹⁾	116298
	acc. to RAL ²⁾	116299
E-guide rail BG TS 5000 with electrical hold-open and lever	silver-coloured	120039
	white RAL 9016	120040
	simulated satinless steel ¹⁾	120071
	acc. to RAL ²⁾	120072
Mounting material		
Drilling template door closer for TS 5000/TS 4000/TS 3000/TS 2000		053134
Mounting plate guide rail 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		
Cover cap door closer for TS 5000/TS 4000, can only be used for door leaf installation	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 RSZ6 Smoke switch and power supply for all GEZE hold-open devices	silver-coloured	099851
	dark bronze	099857
	white RAL 9016	099858
	simulated satinless steel ¹⁾	099856
	acc. to RAL ²⁾	099859

1) Only for dry rooms

2) Surcharge for RAL special colours, see General Notes

GEZE TS 3000 V / SYSTEM TS 5000

Description	Version	ID.No.
GEZE Smoke switch RS 5 for ceiling or lintel installation	silver-coloured	027052
	dark bronze	028939
	white RAL 9016	028940
	simulated satinless steel ¹⁾	028942
	acc. to RAL ²⁾	028941
GEZE Smoke switch type 142 Complete with base, 24 V DC	white	091273
GEZE Circuit breaker with glass pane and 5 interchangeable labels Flush-mounted version for the manual triggering of electrically controlled hold-open devices	alpine white	120880
GEZE Circuit breaker Flush-mounted version for the manual triggering of electrically controlled hold-open devices	alpine white	116266
Box for surface mounting, single suitable for the AS500 switch range		120503
Replacement glass pane for GEZE circuit breaker 120880		010994

¹⁾ Only for dry rooms

²⁾ Surcharge for RAL special colours, see General Notes

GEZE TS 5000 R

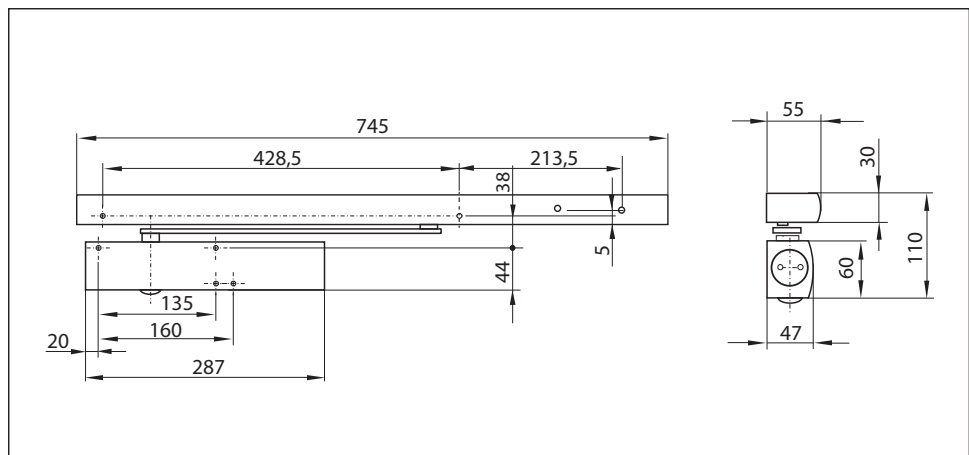
Guide rail door closer for single-leaf doors up to 1400 mm with electrical hold-open and smoke switch control unit

The TS 5000 R overhead door closer with electromechanical hold-open (to EN 1155) and integrated smoke switch control unit in the 30 mm low guide rail is approved for mounting on single-leaf fire and smoke doors. In case of fire, the smoke detector will be activated and the door closes automatically. The closing force to EN 1154 size 2-6, the closing speed and the latching action are adjustable from the front, the door closer has adjustable back check and a visual closing force display. The holding force of the hold-open is adjustable and the hold-open position can be overridden. The hold-open system has a national technical approval.

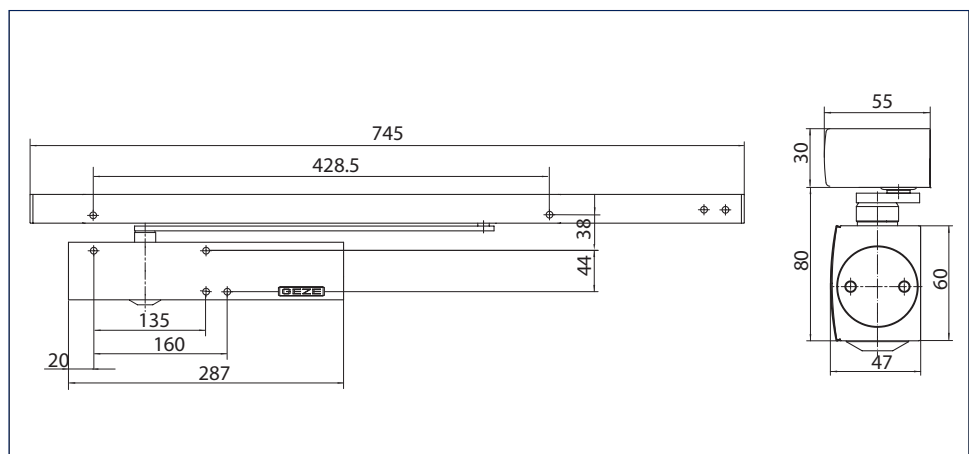
GEZE TS 5000 R



GEZE TS 5000 R



GEZE TS 5000 L-R



GEZE TS 3000 V / SYSTEM TS 5000

Applications

- For single-action doors, leaf width up to 1400 mm
- Can be used for right and left-hand doors without conversion
- For fire 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 to EN 1154	
Fire door suitability	●	●
Mounting plate with hole pattern to EN 1154 supplement	●	●
Length	287 mm	
Overall depth	47 mm	
Height	60 mm	
Functions		
Adjustable closing force	Yes, stepless	
Adjustable closing speed	●	●
Adjustable latching action	Yes, via valve	
Integrated back check	Yes, hydraulically adjustable	
Position of closing force adjustment	Front	
Visual display of the closing force	●	●
Safety valve against vandalism	●	●
Thermo-stabilised valves	●	●

Guide rail technical data:

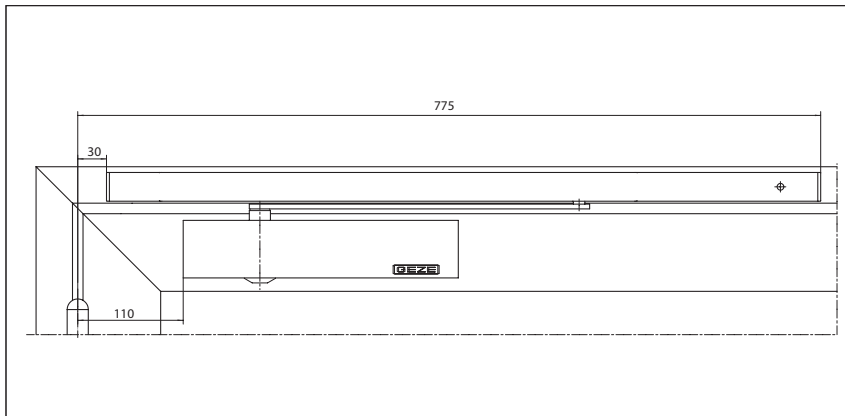
Product features	TS 5000 R-guide rail	BG TS 5000 R-guide rail
Supply voltage	230 V 50 Hz	
Enclosure rating	IP 20	
Product tested to	Hold-open device tested to EN 1154 DIBt national technical approval as hold-open system	
Length	745 mm	
Overall depth	55 mm	
Height	30 mm	
Functions		
Integrated hold-open	Electrical	
Hold-open position can be overridden	●	●
Hold-open angle	80°-130°	from 80°
Integrated smoke switch	●	●
with visual operating state display	●	●
with clogging indicator	●	●
with alarm threshold tracing	●	●
Integrated power pack	●	●
Height correction possible	●	●

○ = optional

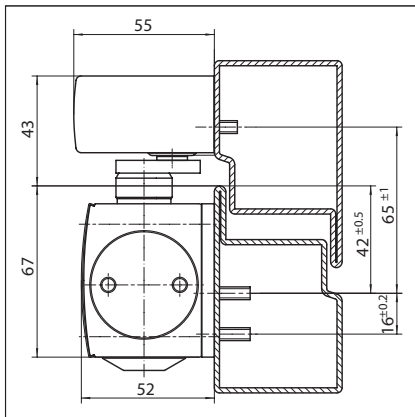
● = standard

Door leaf mounting/hinge side TS 5000 R

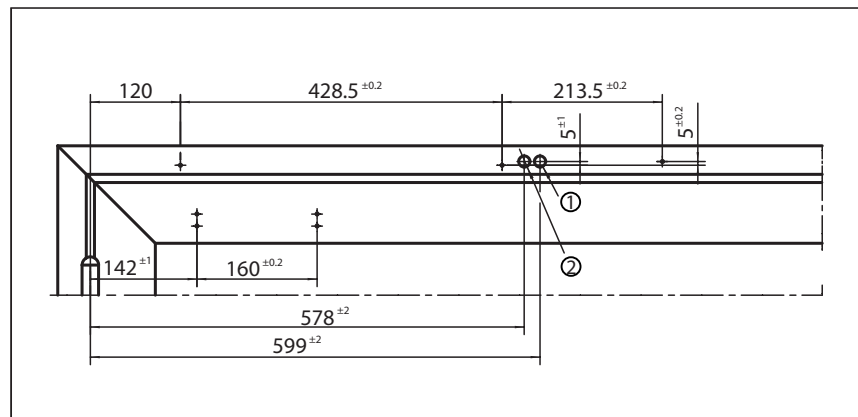
View



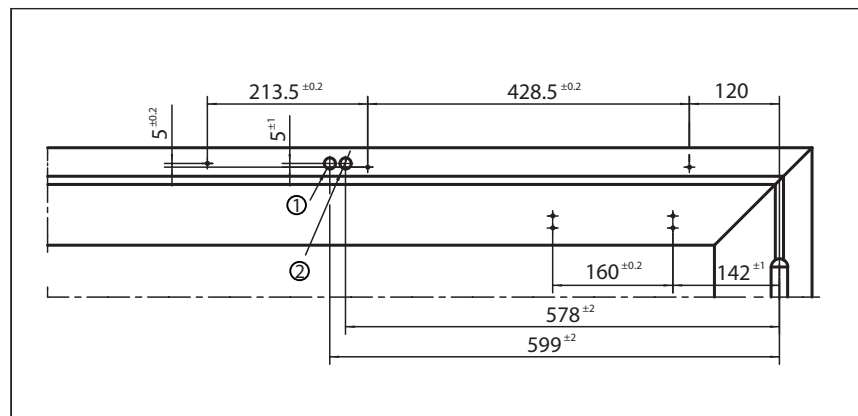
Mounting example of the GEZE TS 5000 R with mounting plate on a fire door

Mounting with mounting plate

Section = mounting with mounting plate



Fitting dimensions, left-hand door

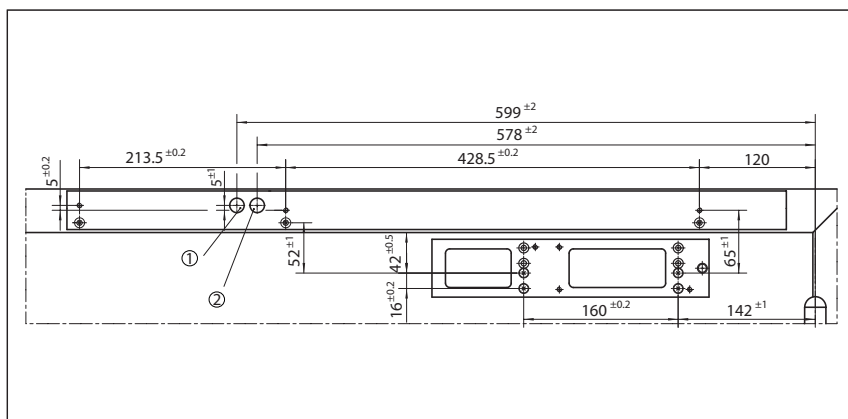
1 = $\varnothing$ 15 Additional cable2 = $\varnothing$ 15 230 V AC

Fitting dimensions, right-hand door

1 = $\varnothing$ 15 Additional cable2 = $\varnothing$ 15 230 V AC

[illegible]

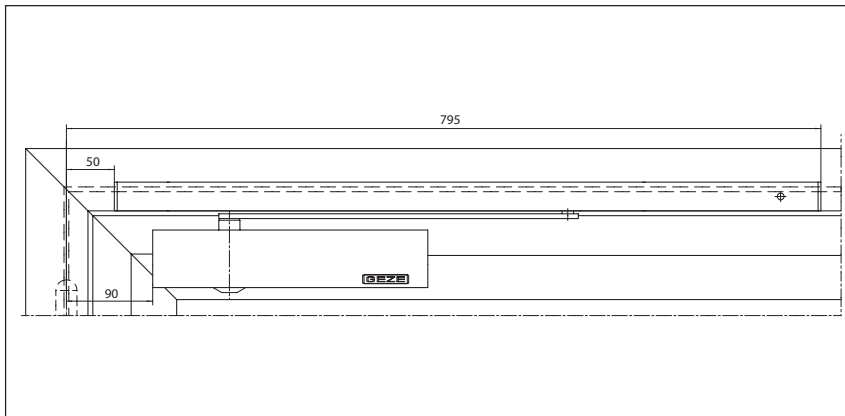
2 = $\emptyset$ 15 230 V AC



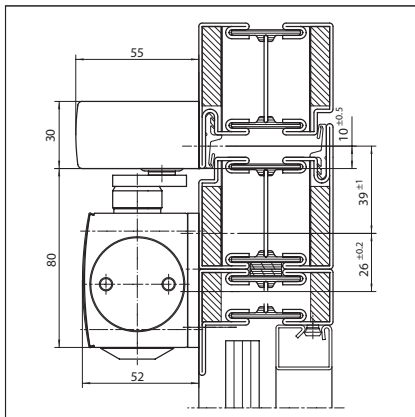
2 = Ø 15 230 V AC

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

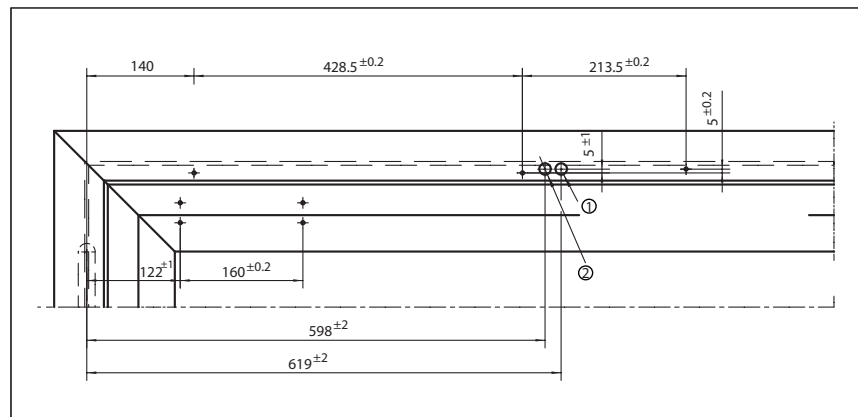
View



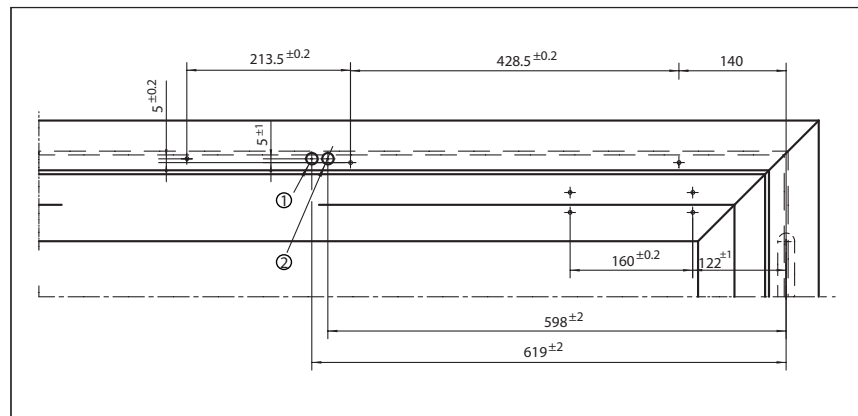
Mounting example of the GEZE TS 5000 L-R with mounting plate on a fire door

Mounting with mounting plate

Section = mounting with mounting plate



Fitting dimensions, right-hand door

1 = $\varnothing$ 15 Additional cable2 = $\varnothing$ 15 230 V AC

Fitting dimensions, left-hand door

1 = $\varnothing$ 15 Additional cable2 = $\varnothing$ 15 230 V AC

Technical drawing of a mechanical part, likely a bracket or support, showing dimensions and callouts.

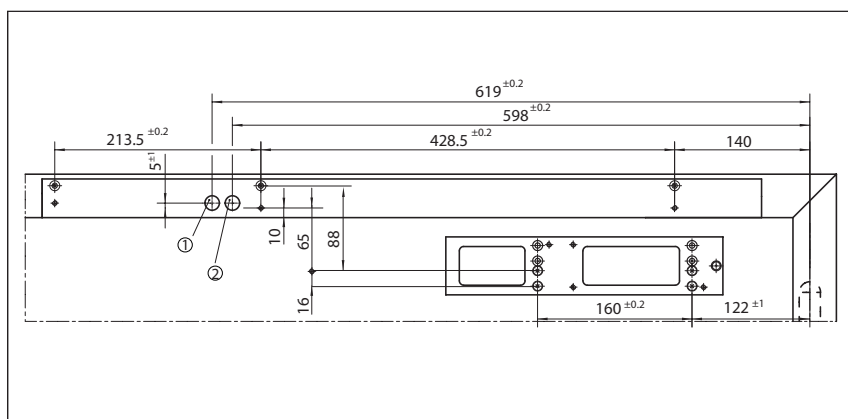
Dimensions:

- Overall length: $619^{+0.2}$
- Distance from left end to first hole: 140
- Distance between first and second holes: $598^{+0.2}$
- Distance between second and third holes: $428.5^{+0.2}$
- Distance from third hole to right end: $213.5^{+0.2}$
- Distance from left end to first hole (bottom view): 122 ± 1
- Distance between first and second holes (bottom view): $160^{+0.2}$
- Distance from third hole to right end (bottom view): 16
- Distance from top surface to first hole: 88
- Distance from top surface to second hole: 65
- Distance from top surface to third hole: 10
- Distance from top surface to fourth hole: 5

Callouts:

- ①: Points to the third hole.
- ②: Points to the fourth hole.

2 = $\emptyset$ 15 230 V AC



2 = Ø 15 230 V AC

GEZE TS 3000 V / SYSTEM TS 5000

GEZE TS 5000 R - order information

Description	Version	ID.No.
GEZE TS 5000 Closer Size EN 2-6, with opening damping (without guide rail and lever)	silver-coloured	027333
	dark bronze	027334
	white RAL 9016	027335
	simulated satinless steel ¹⁾	137721
	acc. to RAL ²⁾	027336
GEZE TS 5000 L Closer Size EN 2-6, with opening damping (without guide rail and lever)	silver-coloured	027351
	dark bronze	029399
	white RAL 9016	029400
	simulated satinless steel ²⁾	137723
	acc. to RAL ²⁾	027352
R-guide rail TS 5000 with electrical hold-open, integrated smoke switch control unit and lever	silver-coloured	116300
	dark bronze	116301
	white RAL 9016	116302
	simulated satinless steel ¹⁾	116303
	acc. to RAL ²⁾	116304
R-guide rail BG TS 5000 with electrical hold-open, integrated smoke switch control unit and lever	silver-coloured	120073
	white RAL 9016	120074
	simulated satinless steel ¹⁾	120075
	acc. to RAL ²⁾	120076
Mounting material		
Mounting plate guide rail 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		
Cover cap door closer for TS 5000/TS 4000, can only be used for door leaf installation	silver-coloured	067724
	dark bronze	067725
	white RAL 9016	067726
	stainless steel	072696
	brass	072698
	acc. to RAL ²⁾	000756
GEZE Smoke switch RS 5 for ceiling or lintel installation	silver-coloured	027052
	dark bronze	028939
	white RAL 9016	028940
	simulated satinless steel ¹⁾	028942
	acc. to RAL ²⁾	028941
GEZE Smoke switch type 142 Complete with base, 24 V DC	white	091273

1) Only for dry rooms

2) Surcharge for RAL special colours, see General Notes

GEZE TS 3000 V / SYSTEM TS 5000

TS 5000 / TS 3000 V
Overhead door closers with guide rail

Description	Version	ID.No.
GEZE Circuit breaker with glass pane and 5 interchangeable labels Flush-mounted version for the manual triggering of electrically controlled hold-open devices	alpine white	120880
GEZE Circuit breaker Flush-mounted version for the manual triggering of electrically controlled hold-open devices	alpine white	116266
Box for surface mounting, single suitable for the AS500 switch range		120503
Replacement glass pane for GEZE circuit breaker 120880		010994

- 1) Only for dry rooms
- 2) Surcharge for RAL special colours, see General Notes



TS 5000 R, Augustinum, Stuttgart

GEZE TS 5000 EFS

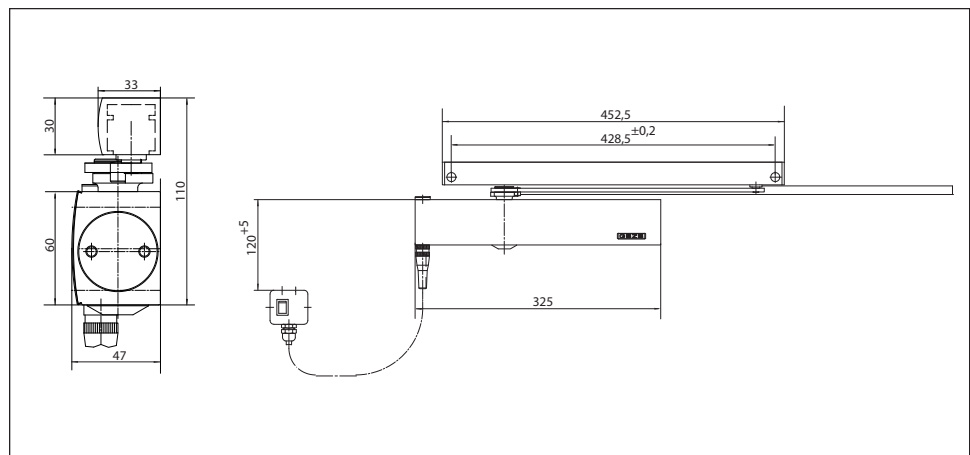
Guide rail door closer for single-leaf doors up to 1250 mm leaf width with electrical freeswing function

The TS 5000 EFS overhead door closer for single 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 a fire. As a result, it is approved for mounting on single-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.

GEZE TS 5000 EFS



GEZE TS 5000 EFS



Applications

- For single-action doors, leaf width up to 1250 mm
- Can be used for right and left-hand doors without conversion
- For fire doors (door closer with mounting plate)
- Door leaf mounting/hinge side variation or frame mounted/hinge side variation available

GEZE TS 3000 V / SYSTEM TS 5000

Closer technical data:

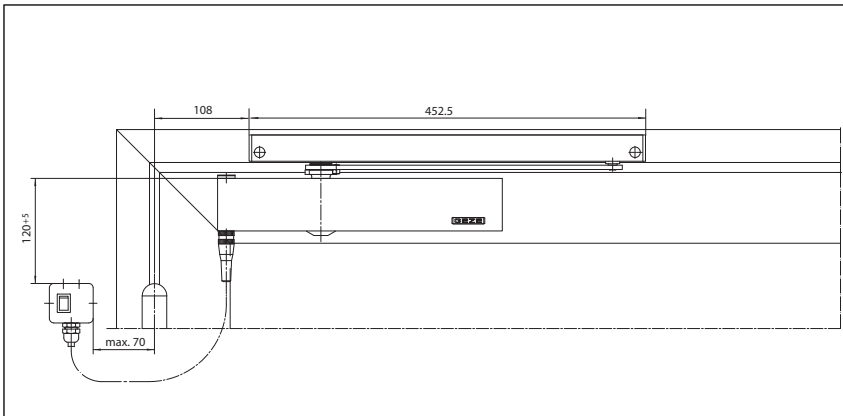
Product features	GEZE TS 5000 EFS complete pack, leaf mounted	GEZE TS 5000 EFS - complete pack, frame mounted
Closing force to EN 1154		2 - 5
Recommended leaf width, up to		1250 mm
Same version for left and right-hand doors	●	●
Supply voltage		24 V DC
Product tested to		Door closer tested to EN 1154 Hold-open device tested to EN 1154
Fire door suitability	●	●
Mounting plate with hole pattern to EN 1154 supplement	●	●
Length		325 mm
Overall depth		46 mm
Height		60 mm
Functions		
Freeswing function	●	●
Freeswing range		85°-170°
Adjustable closing force		Yes, stepless
Adjustable closing speed	●	●
Adjustable latching action		Yes, via valve
Integrated back check		No
Position of closing force adjustment		Front
Visual display of the closing force	●	●
Safety valve against vandalism	●	●
Thermo-stabilised valves	●	●

○ = optional

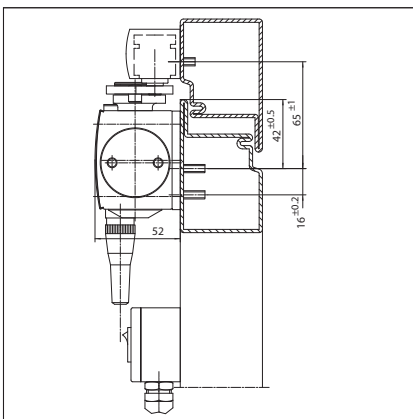
● = standard

Door leaf mounting/hinge side TS 5000 EFS

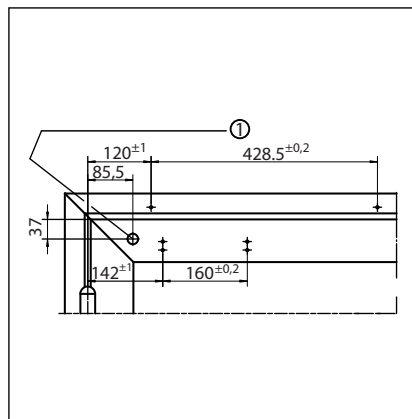
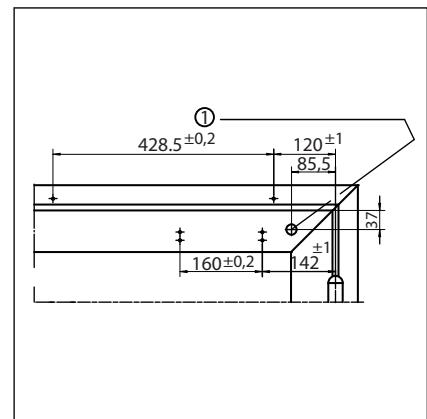
View



Mounting example of the GEZE TS 5000 EFS E with mounting plate on a fire door

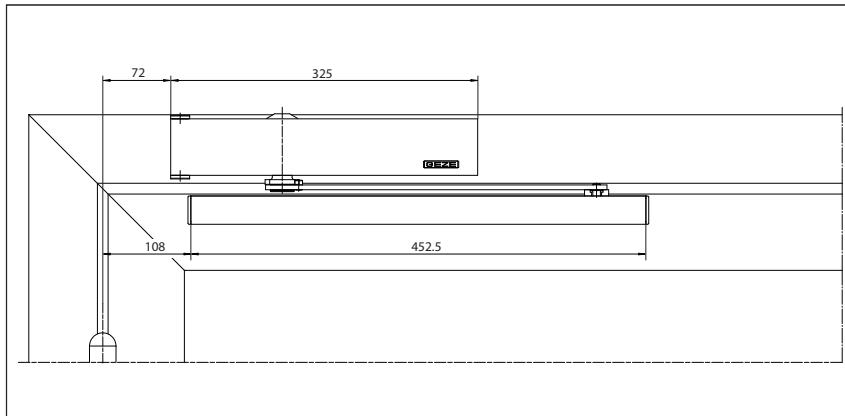
Mounting with mounting plate

Section = mounting with mounting plate

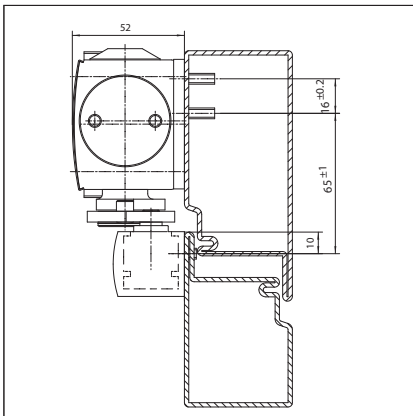
Fitting dimensions, left-hand door
1 = With concealed power cable 24 VFitting dimensions, right-hand door
1 = With concealed power cable 24 V

Frame mounted/hinge side TS 5000 EFS

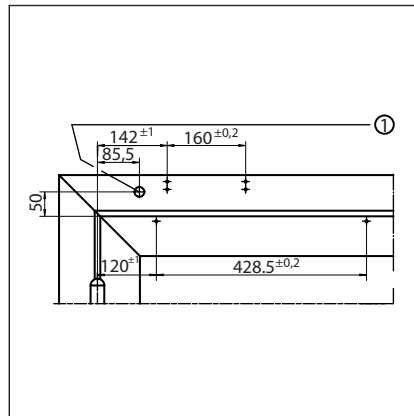
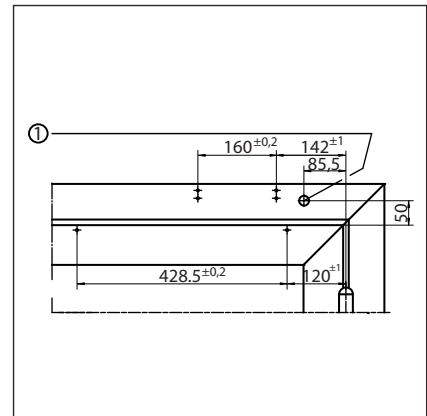
View



Mounting example of the GEZE TS 5000 EFS with mounting plate

Mounting with mounting plate

Section = mounting with mounting plate

Fitting dimensions, left-hand door
1 = Power supply cable 24 VFitting dimensions, right-hand door
1 = Power supply cable 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 electrical 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 electrical freeswing function, with guide rail and lever	silver-coloured	093556
	white RAL 9016	107957
	acc. to RAL ²⁾	098327
Mounting material		
Mounting plate guide rail for standard / 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 RSZ6 Smoke switch and power supply for all GEZE hold-open devices	silver-coloured	099851
	dark bronze	099857
	white RAL 9016	099858
	simulated satinless steel ¹⁾	099856
	acc. to RAL ²⁾	099859
GEZE Smoke switch RS 5 for ceiling or lintel installation	silver-coloured	027052
	dark bronze	028939
	white RAL 9016	028940
	simulated satinless steel ¹⁾	028942
	acc. to RAL ²⁾	028941
GEZE Smoke switch type 142 Complete with base, 24 V DC	white	091273
GEZE Circuit breaker with glass pane and 5 interchangeable labels Flush-mounted version for the manual triggering of electrically controlled hold-open devices	alpine white	120880
GEZE Circuit breaker Flush-mounted version for the manual triggering of electrically controlled hold-open devices	alpine white	116266
Box for surface mounting, single suitable for the AS500 switch range		120503
Replacement glass pane for GEZE circuit breaker 120880		010994

1) Only for dry rooms

2) Surcharge for RAL special colours, see General Notes

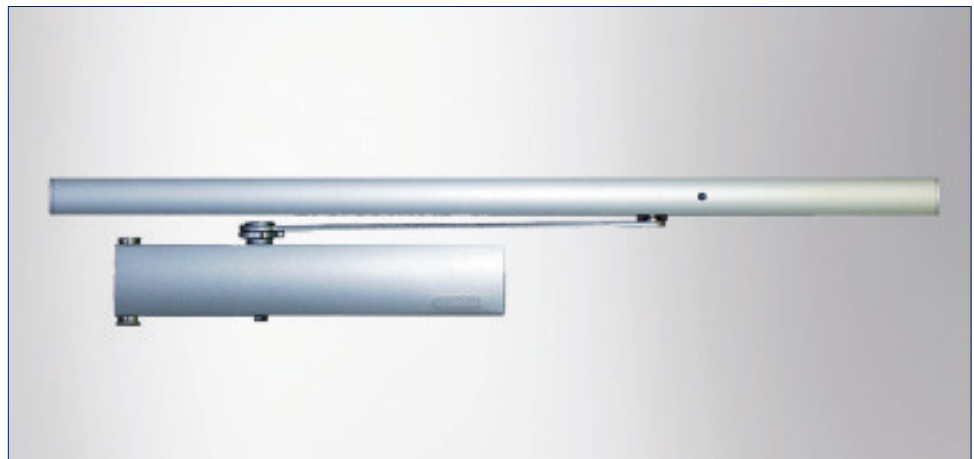
GEZE TS 3000 V / SYSTEM TS 5000

GEZE TS 5000 RFS

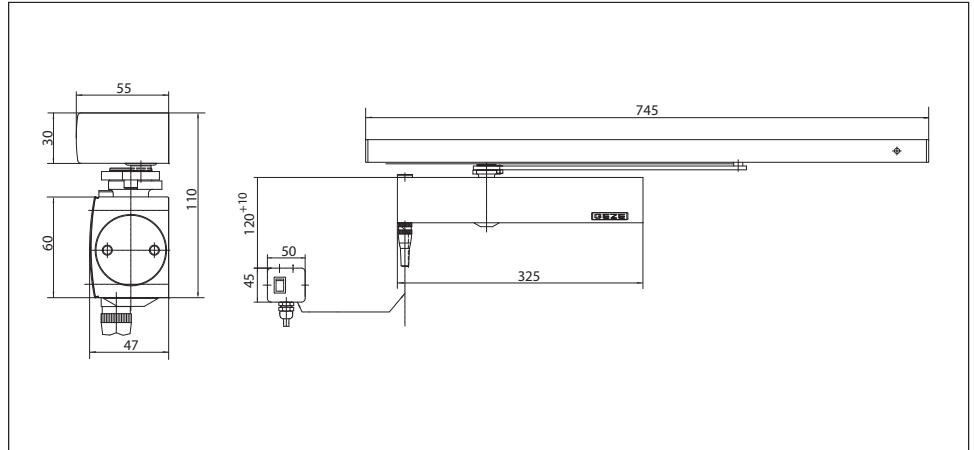
Guide rail door closer for single-leaf doors up to 1250 mm leaf width with electrical freeswing function and smoke switch control unit

The TS 5000 RFS overhead door closer for single 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 single-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.

GEZE TS 5000 RFS



GEZE TS 5000 RFS



Applications

- For single-action doors, leaf width up to 1250 mm
- Can be used for right and left-hand doors without conversion
- For fire doors (door closer with mounting plate)
- Door leaf mounting/hinge side variation or frame mounted/hinge side variation available

GEZE TS 3000 V / SYSTEM TS 5000

Closer technical data:

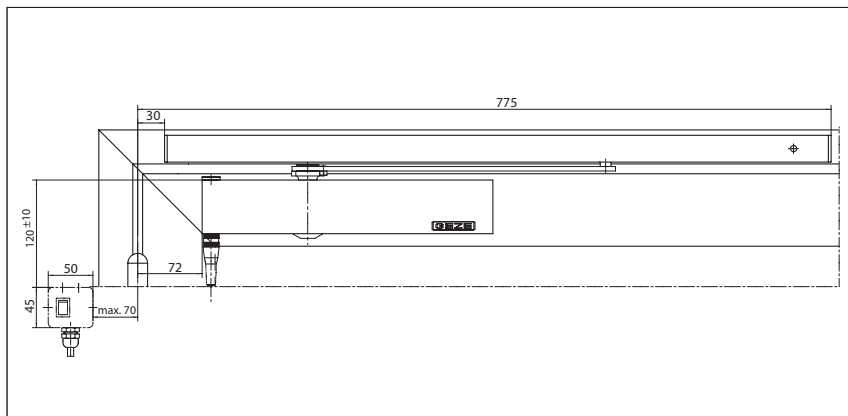
Product features	GEZE TS 5000 RFS - complete pack, door leaf mounting	GEZE TS 5000 RFS - complete pack, frame mounted
Closing force to EN 1154	2 - 5	
Recommended leaf width, up to	1250 mm	
Same version for left and right-hand doors	●	●
Supply voltage	230 V 50 Hz	
Product tested to	Door closer tested to EN 1154 Hold-open device tested to EN 1154 DIBt national technical approval as hold-open system	
Fire door suitability	●	●
Mounting plate with hole pattern to EN 1154 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 latching action	Yes, via valve	
Integrated back check	No	
Position of closing force adjustment	Front	
Visual display of the closing force	●	●
Safety valve against vandalism	●	●
Thermo-stabilised valves	●	●
Integrated smoke switch	●	●
with visual operating state display	●	●
with clogging indicator	●	●
with alarm threshold tracing	●	●
Integrated power pack	●	●

○ = optional

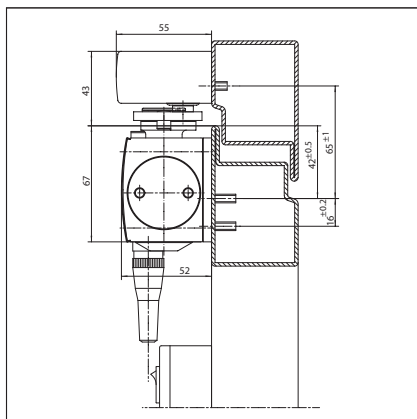
● = standard

Door leaf mounting/hinge side TS 5000 RFS

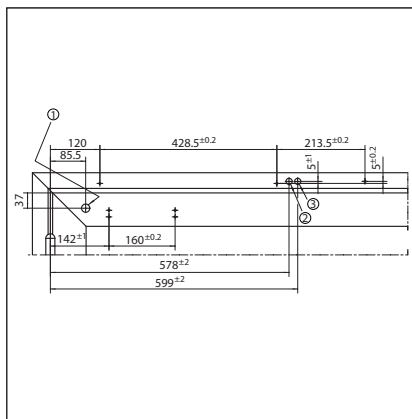
View



Mounting example of the GEZE TS 5000 RFS with mounting plate on a fire door

Mounting with mounting plate

Section = mounting with mounting plate

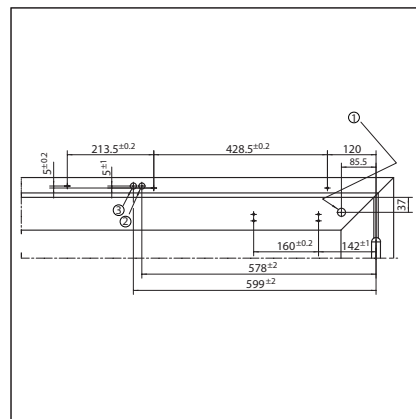


Fitting dimensions, left-hand door

1 = With concealed power cable 24 V

2 = Ø 15 230 V AC

3 = Ø 15 Power supply cable TS 5000 E-HY 24 V



Fitting dimensions, right-hand door

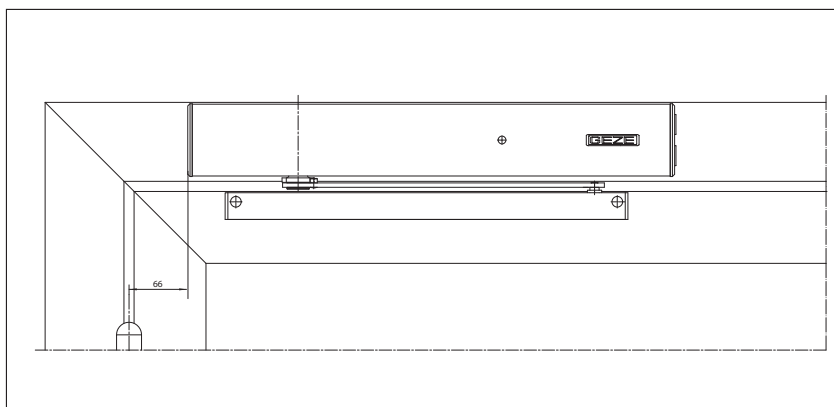
1 = With concealed power cable 24 V

2 = Ø 15 230 V AC

3 = Ø 15 Power supply cable TS 5000 E-HY 24 V

Frame mounted/hinge side TS 5000 RFS

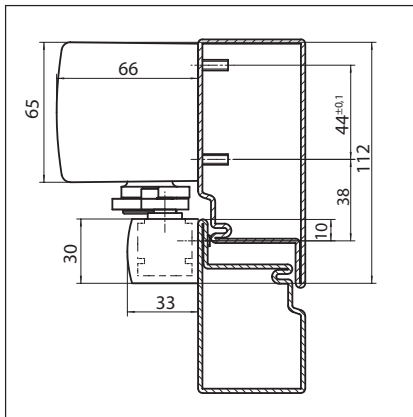
View



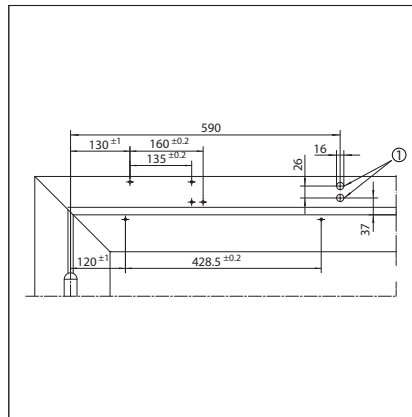
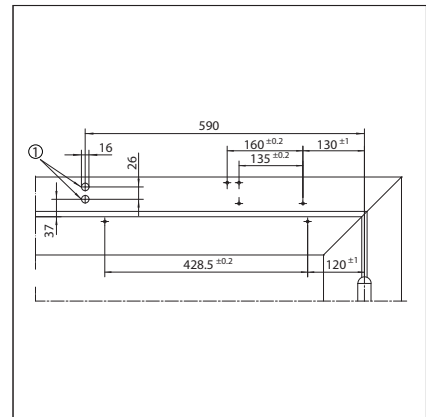
Mounting (direct fixing) example of the GEZE TS 5000 RFS

GEZE TS 3000 V / SYSTEM TS 5000

Direct mounting



Section = direct mounting

Fitting dimensions, left-hand door
1 = Power supply cable, optionalFitting dimensions, right-hand door
1 = Power supply cable, optional

TS 5000 RFS transom installation, Catholic Church Administration Building, Stuttgart/Germany

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 electrical 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 electrical freeswing function, integrated smoke switch control unit, guide rail and lever	silver-coloured	115200
	white RAL 9016	115202
	acc. to RAL ²⁾	115203
Mounting material		
Mounting plate guide rail for standard / T-Stop / EFS guide rail	silver-coloured	001512
	white RAL 9016	129252
	acc. to RAL ²⁾	104515
Mounting plate guide rail 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 Smoke switch RS 5 for ceiling or lintel installation	silver-coloured	027052
	dark bronze	028939
	white RAL 9016	028940
	simulated satinless steel ¹⁾	028942
	acc. to RAL ²⁾	028941
GEZE Smoke switch type 142 Complete with base, 24 V DC	white	091273
GEZE Circuit breaker with glass pane and 5 interchangeable labels Flush-mounted version for the manual triggering of electrically controlled hold-open devices	alpine white	120880
GEZE Circuit breaker Flush-mounted version for the manual triggering of electrically controlled hold-open devices	alpine white	116266
Box for surface mounting, single suitable for the AS500 switch range		120503
Replacement glass pane for GEZE circuit breaker 120880		010994

1) Only for dry rooms

2) Surcharge for RAL special colours, see General Notes

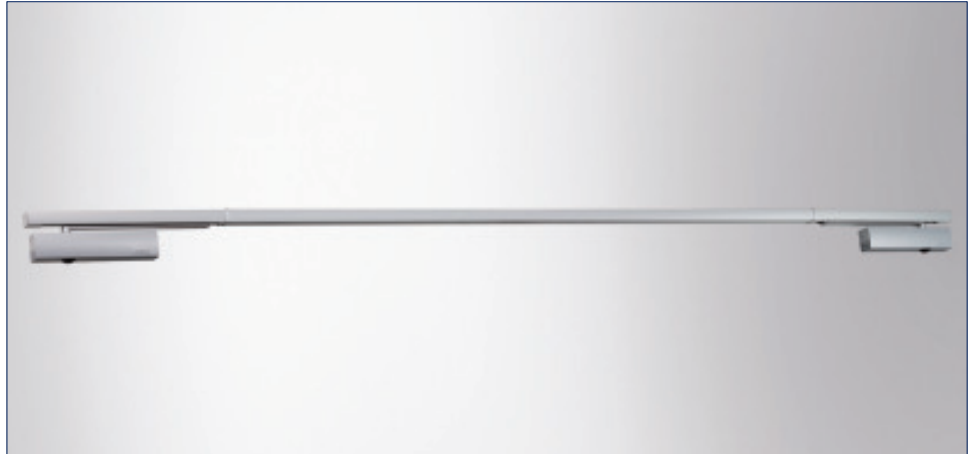
GEZE TS 5000 ISM

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

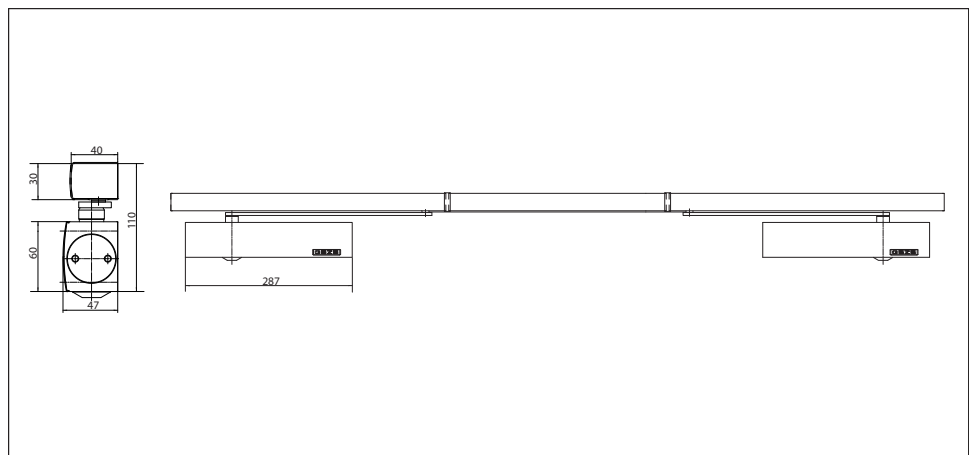
The integrated closing sequence control ensures the correct closing sequence of both doors for double-leaf doors. When closing the door the active leaf remains in the waiting position until the fixed leaf is closed and releases the active leaf via the closing sequence control. The GEZE system solution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

For the opposite hinge side the version TS 5000 L-ISM is available in standard or panic function only on the active leaf. For all full panic demands the version TS 5000 L-ISM VPK with an X-dimension of 125 mm is available, also with symmetric fitting dimensions.

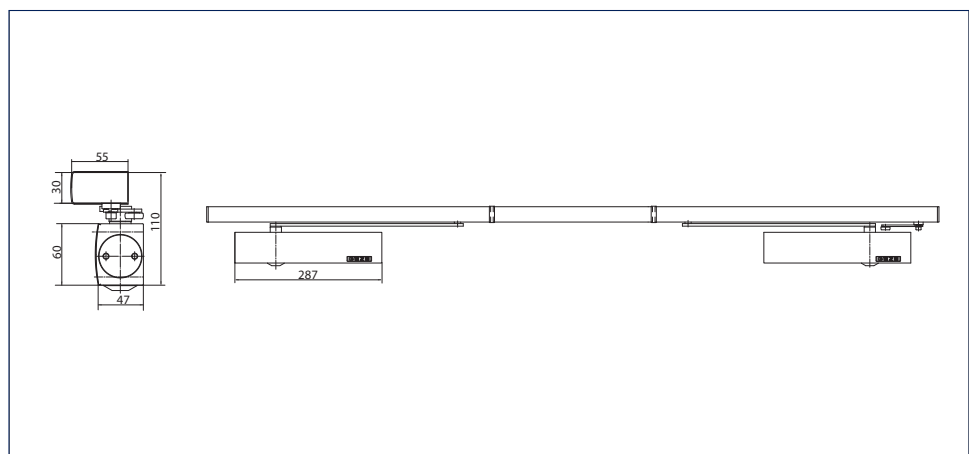
GEZE TS 5000 ISM



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)

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 to EN 1154	
Fire door suitability	●	●
Mounting plate with hole pattern to EN 1154 supplement	●	●
Length	287 mm	
Overall depth	47 mm	
Height	60 mm	
Functions		
Adjustable closing force	Yes, stepless	
Adjustable closing speed	●	●
Adjustable latching action	Yes, via valve	
Integrated back check	Yes, hydraulically adjustable	
Position of closing force adjustment	Front	
Visual display of the closing force	●	●
Safety valve against vandalism	●	●
Thermo-stabilised valves	●	●

Guide rail technical data:

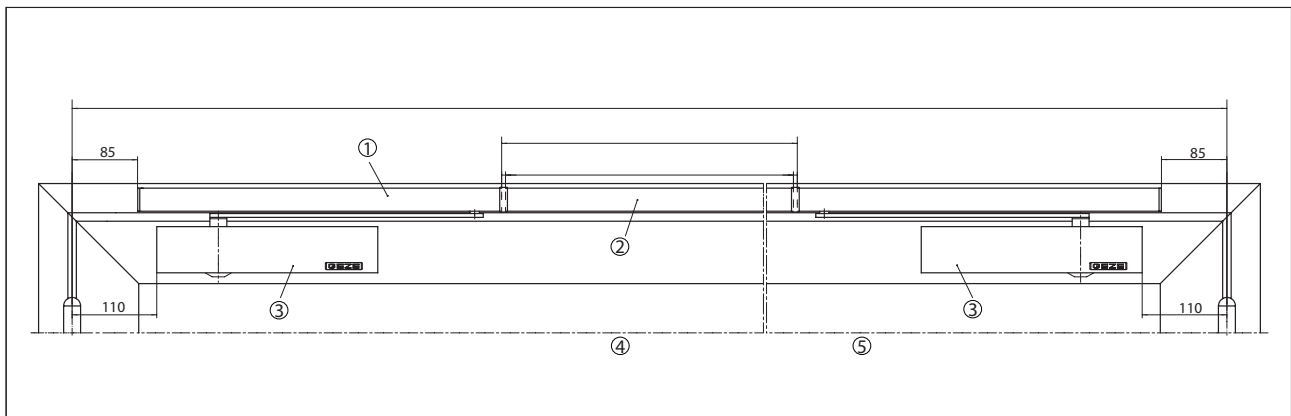
Product features	ISM-guide rail TS 5000	ISM-guide rail BG TS 5000	ISM-guide rail BG VPK TS 5000 complete package
Minimum hinge clearance	1300 mm	1360 mm	1300 mm
Minimum fixed leaf width	400 mm	380 mm	380 mm
Product tested according to	Closing sequence controller tested acc. to EN 1158	Closing sequence controller tested acc. to EN 1158	Door closer tested acc. to EN 1154 Closing sequence controller 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	●	●	●
Hold-open mechanism integrated	○	○	○
Height correction possible	●	●	●

○ = optional

● = standard

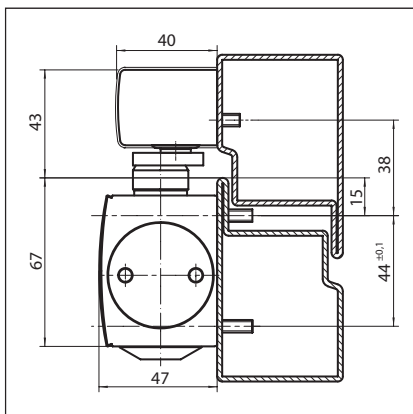
Door leaf mounting/hinge side TS 5000 ISM

View

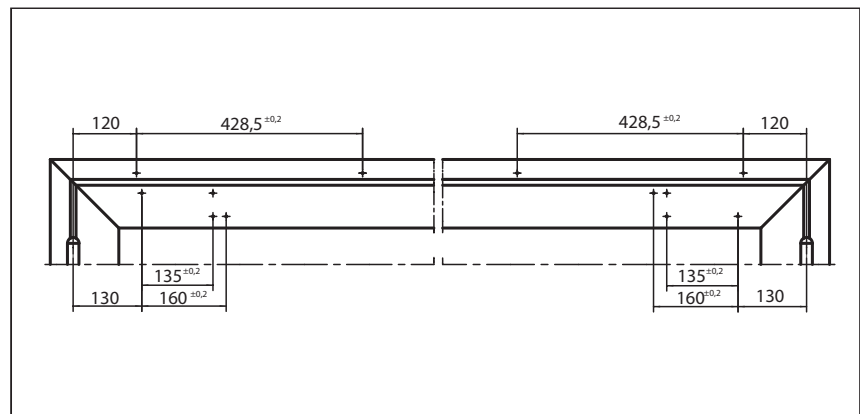


Mounting example of the GEZE TS 5000 ISM system on a steel door

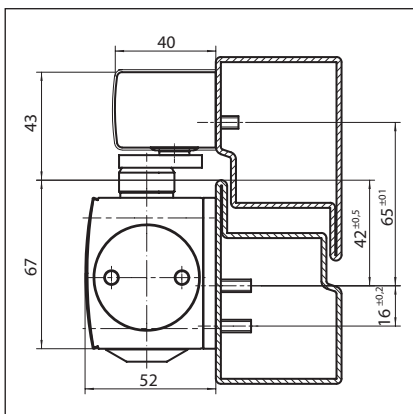
- 1 = ISM guide rail
- 2 = Middle section can be cut to size
- 3 = TS 5000
- 4 = Active leaf
- 5 = Fixed leaf

Direct mounting

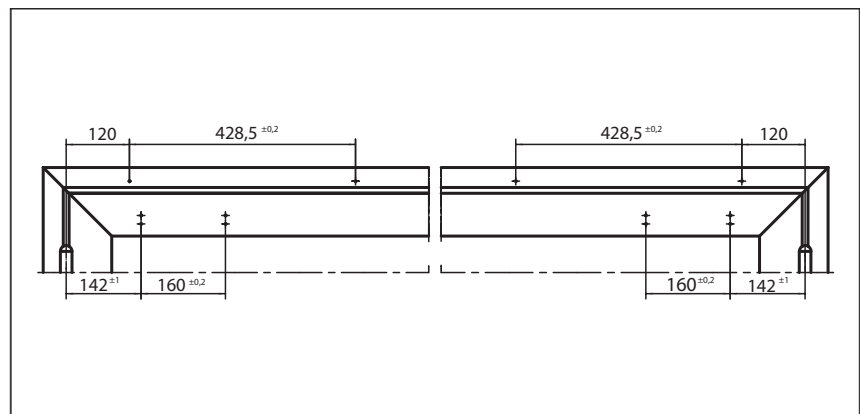
Section = direct mounting



Fitting dimensions

Mounting with mounting plate

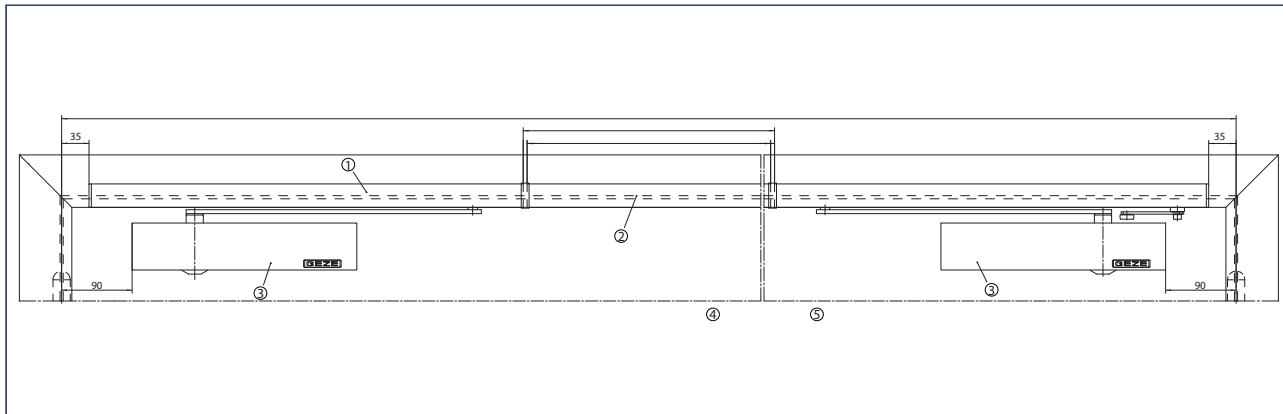
Section = mounting with mounting plate



Fitting dimensions

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

View



Mounting example of the GEZE TS 5000 L-ISM

1 = ISM guide rail BG

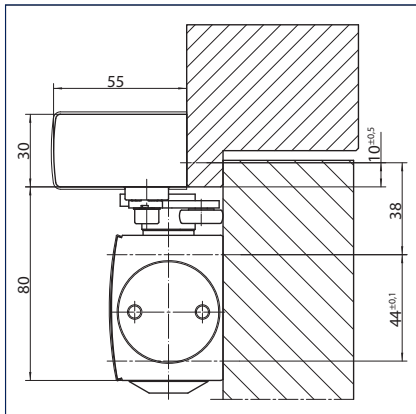
2 = Middle section can be cut to size

3 = TS 5000 L

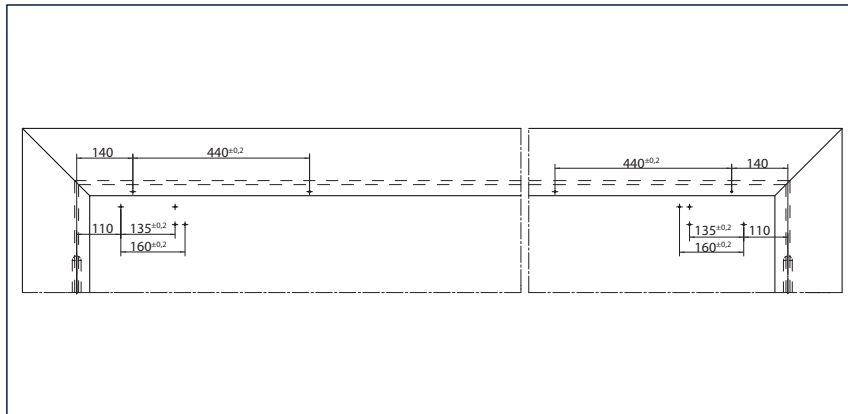
4 = Active leaf

5 = Fixed leaf

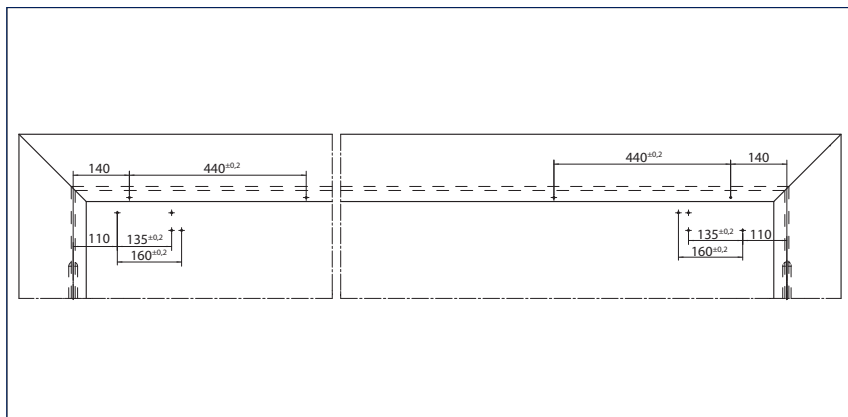
Direct mounting



Section = direct mounting

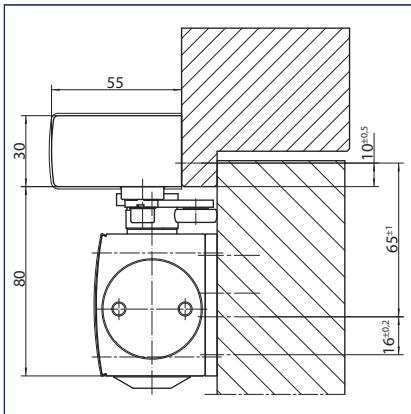


Fitting dimensions right-hand leaf = fixed leaf, left-hand leaf = active leaf

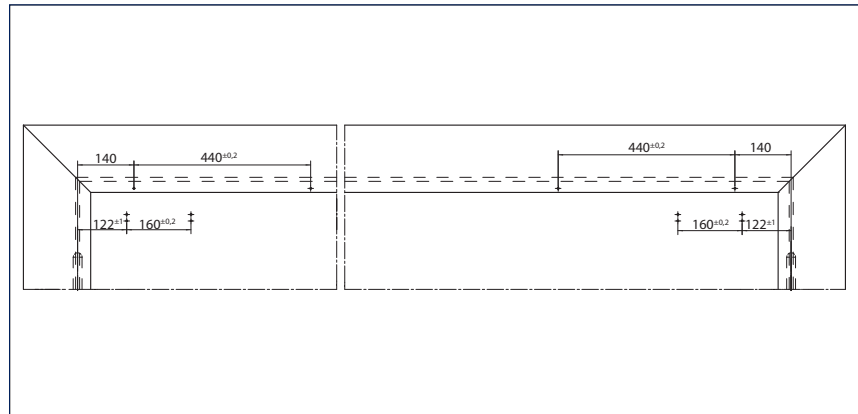


Fitting dimensions right-hand leaf = active leaf, left-hand leaf = fixed leaf

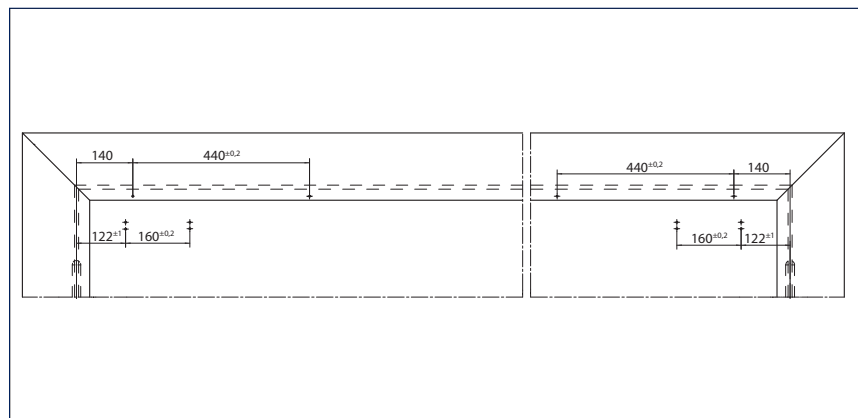
Mounting with mounting plate



Section = mounting with mounting plate



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



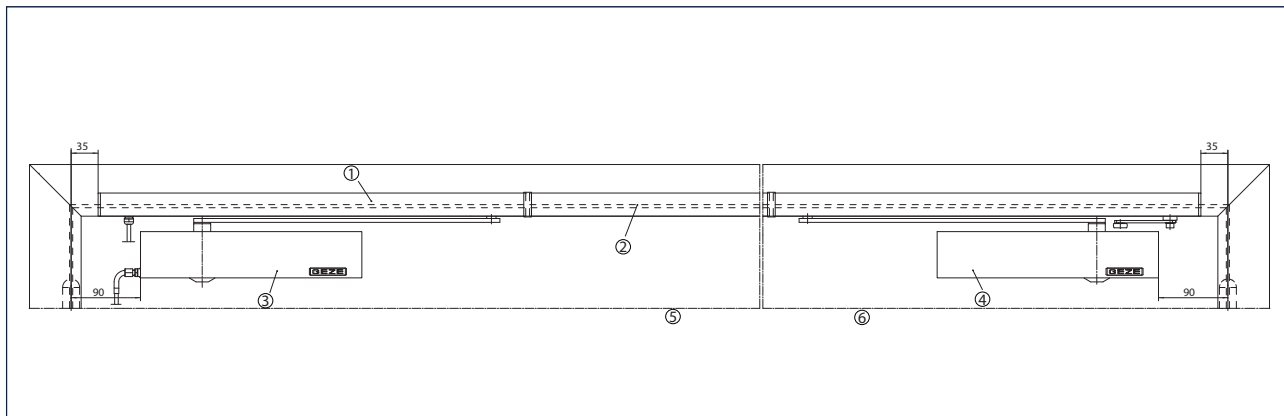
Fitting dimensions right-hand leaf = active leaf, left-hand leaf = fixed leaf



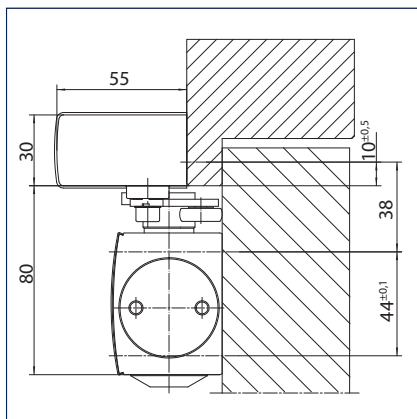
TS 5000 L-ISM, Rheinlandhaus, Köln

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

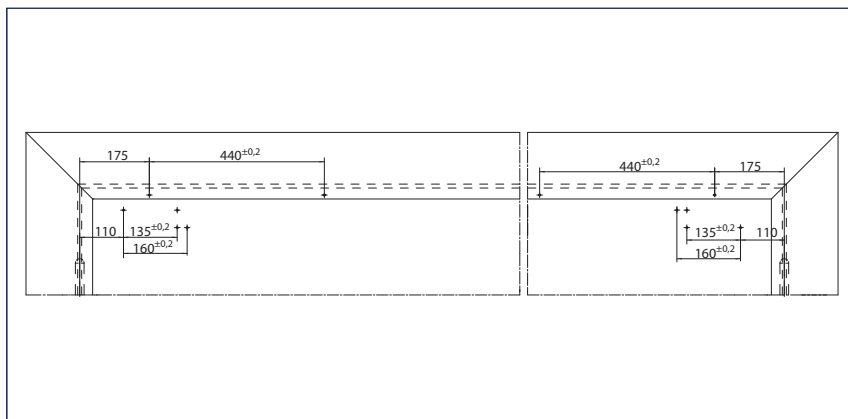
View



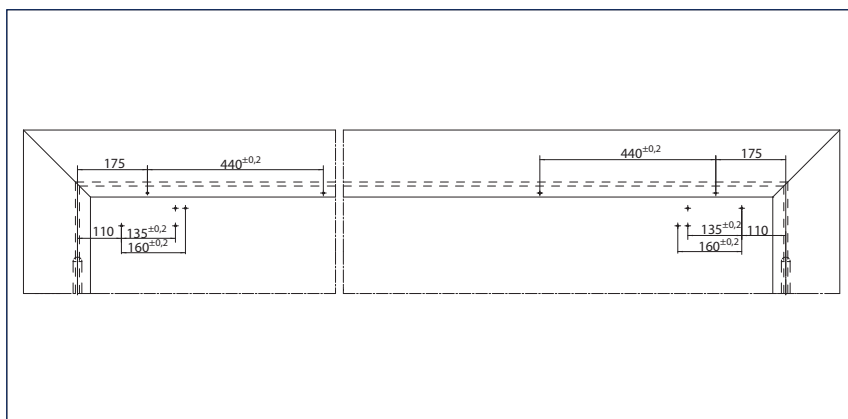
- 1 = ISM guide rail BG VPK
- 2 = Middle section can be cut to size
- 3 = TS 5000 L-IS
- 4 = TS 5000 L
- 5 = Active leaf
- 6 = Fixed leaf

Direct mounting

Section = direct mounting

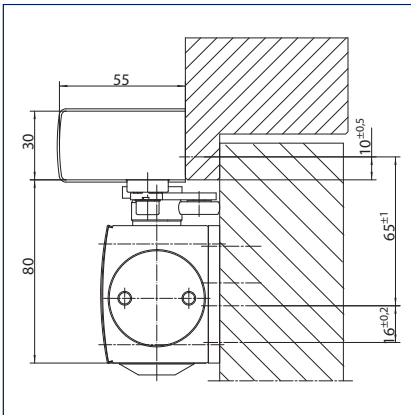


Fitting dimensions right-hand leaf = fixed leaf, left-hand leaf = active leaf

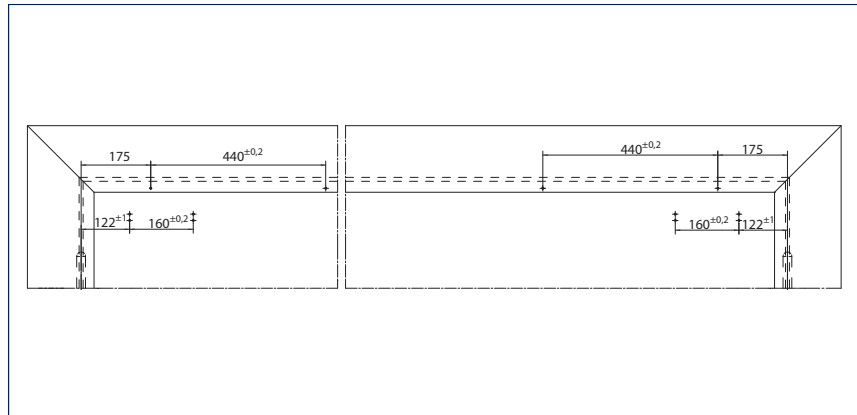


Fitting dimensions right-hand leaf = active leaf, left-hand leaf = fixed leaf

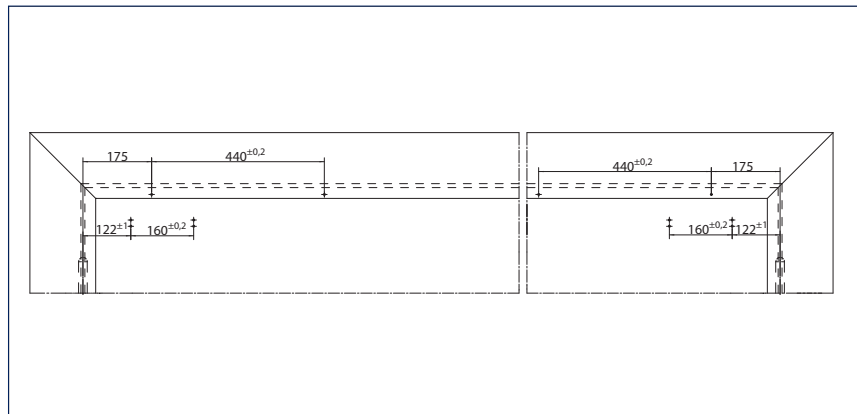
Mounting with mounting plate



Section = mounting 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 opening damping (without guide rail and lever)	silver-coloured	027333
	dark bronze	027334
	white RAL 9016	027335
	simulated satinless steel ¹⁾	137721
	acc. to RAL ²⁾	027336
GEZE TS 5000 L Closer Size EN 2-6, with opening damping (without guide rail and lever)	silver-coloured	027351
	dark bronze	029399
	white RAL 9016	029400
	simulated satinless steel ²⁾	137723
	acc. to RAL ²⁾	027352
ISM-guide rail TS 5000 continuous, with integrated closing sequence control and levers	silver-coloured	115549
	dark bronze	115550
	white RAL 9016	115591
	simulated satinless steel ¹⁾	115592
	acc. to RAL ²⁾	115593
ISM-guide rail TS 5000 footage continuous, footage 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
	simulated satinless steel ¹⁾	115596
	acc. to RAL ²⁾	115597
ISM-guide rail BG VPK TS 5000 complete package System solution for general use on full panic doors comprising 1 x TS 5000 L, 1 x TS 5000 L-IS, 1 x ISM BG-guide rail, continuous, with integrated triggering mechanism and levers	silver-coloured	133093
	acc. to RAL ²⁾	133105
	white RAL 9016	142656
Mounting material		
Mounting plate guide rail 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

GEZE TS 3000 V / SYSTEM TS 5000

Description	Version	ID.No.
Accessories		
Cover cap door closer for TS 5000/TS 4000, can only be used with door leaf installation ³⁾	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 Notes

3) Cover caps cannot be used for L-ISM VPK



TS 5000 ISM, Rheinlandhaus, Köln

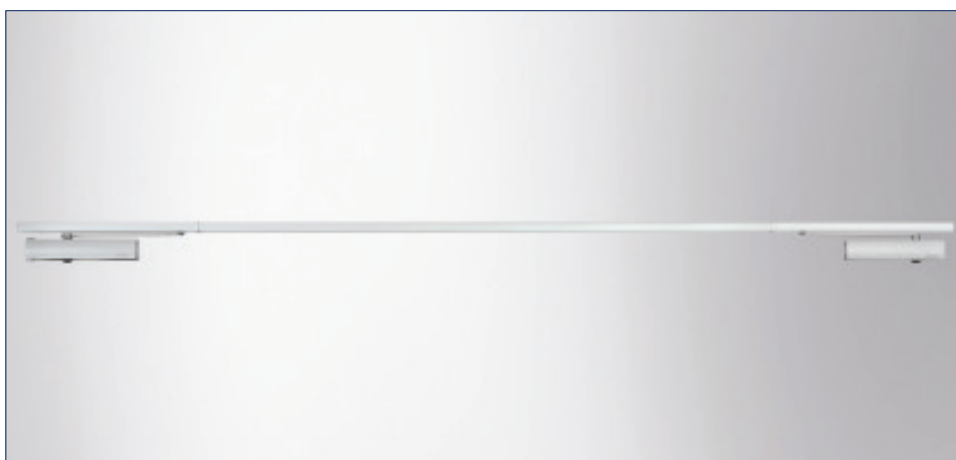
GEZE TS 3000 V / SYSTEM TS 5000

GEZE TS 5000 ISM-EFS

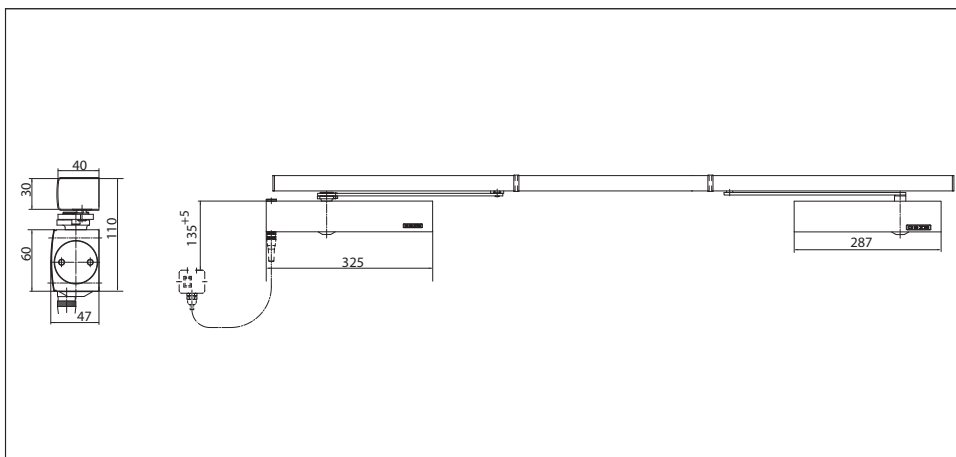
Guide rail door closer system for double-leaf doors up to 2500 mm hinge clearance with integrated closing sequence control and electrical freeswing function

With the GEZE TS 5000 ISM-EFS system solution for double-leaf doors, with the help of the ISM-EFS guide rail and the TS 5000 E Hy door closer (with integrated hydraulic hold-open), are used to implement the "free swing" function at the active leaf. The door must be opened once, for example, in the morning, to approximately 90°. The fixed leaf closes automatically due to a TS 5000 overhead door closer. The integrated mechanical closing sequence control is carried out by the ISM guide rail. The GEZE system solution consists of one overhead door closer TS 5000 E Hy size 2-5 to EN 1154 on the active leaf and one TS 5000 size 2-6 to EN 1154 on the fixed leaf, combined with ISM-EFS guide rail with integrated mechanical closing sequence control, tested to EN 1158 and freeswing function at the active leaf, can be activated by opening the door by 90° once. The TS 5000 ISM-EFS overhead door closer system is approved for double-leaf fire and smoke doors.

GEZE TS 5000 ISM-EFS



GEZE TS 5000 ISM-EFS



Applications

- For double-action doors, leaf width up to 1250 mm
- Min. hinge clearance = 1300 mm, max. hinge clearance = 2500 mm
- Symmetrical and asymmetrical door divisions possible, minimum width of the fixed leaf = 400 mm, Maximum width of the active leaf = 1250 mm
- For fire doors (door closer with mounting plate)
- Can be used for right and left-hand doors without conversion

GEZE TS 3000 V / SYSTEM TS 5000

Closer technical data:

Product features	GEZE TS 5000 closer	GEZE TS 5000 E-HY 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 to EN 1154	Door closer tested to EN 1154 Hold-open device tested to EN 1154
Fire door suitability	●	●
Mounting plate with hole pattern to EN 1154 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 latching action	Yes, via valve	
Integrated back check	Yes, hydraulically adjustable	No
Position of closing force adjustment	Front	
Visual display of the closing force	●	●
Safety valve against vandalism	●	●
Thermo-stabilised valves	●	●

Guide rail technical data:

Product features	TS 5000 ISM-EFS guide rail
Minimum hinge clearance	1300 mm
Minimum fixed leaf width	400 mm
Product tested to	Closing sequence controller tested 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	●

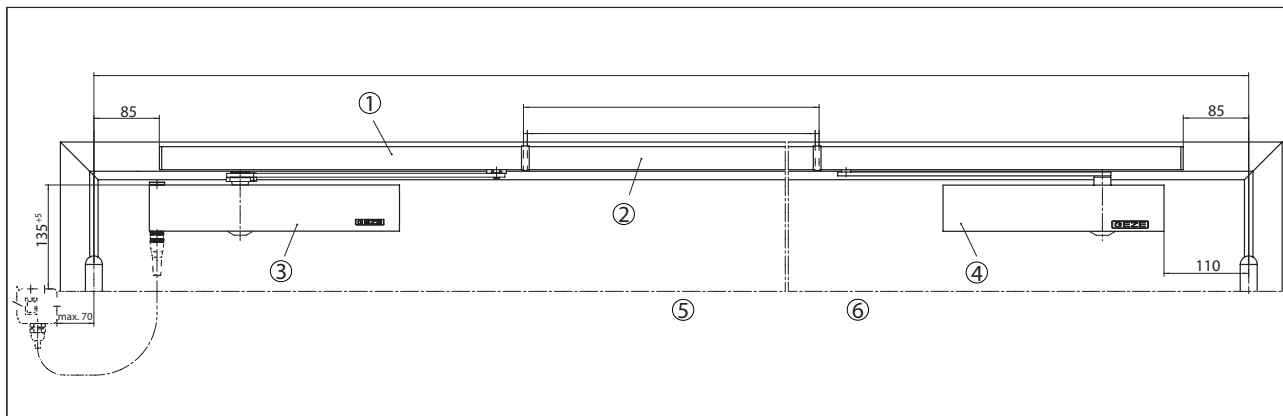
○ = optional

● = standard

GEZE TS 3000 V / SYSTEM TS 5000

Door leaf mounting/hinge side TS 5000 ISM-EFS

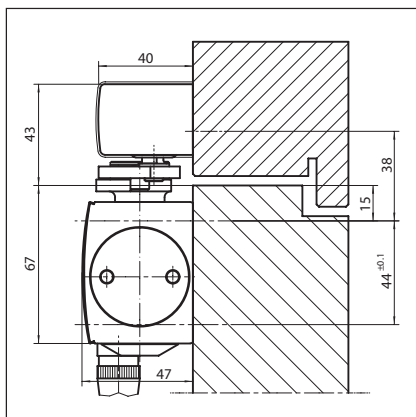
View



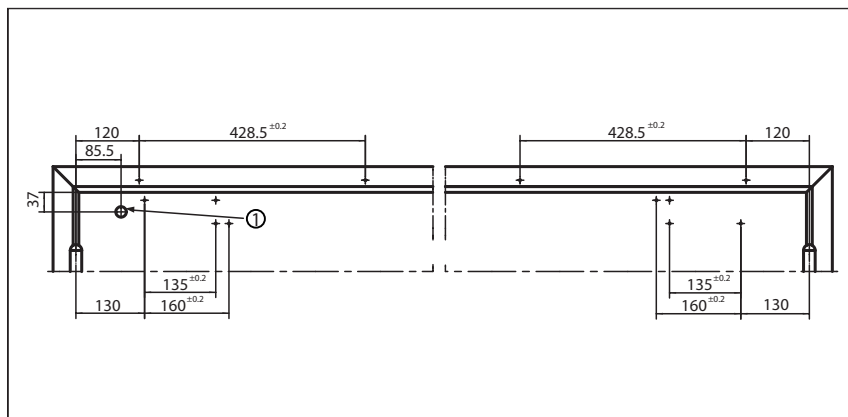
Mounting example of the GEZE TS 5000 ISM-EFS on a double-leaf flush-mounted wooden door

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

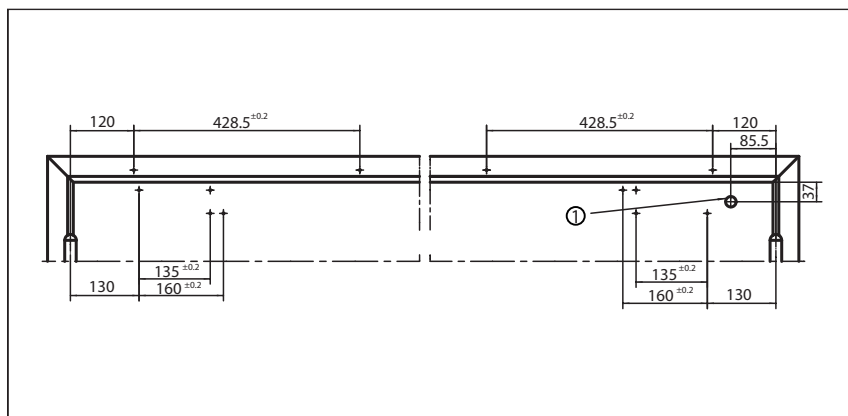
Direct mounting



Section = direct mounting

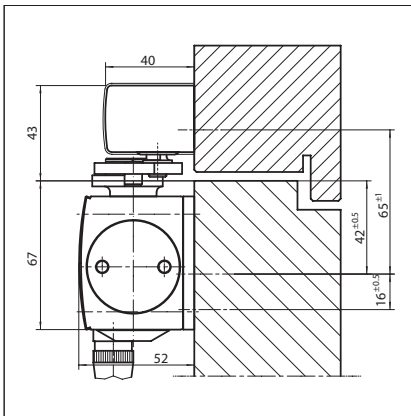


Fitting dimensions left-hand leaf = active leaf, right-hand leaf = fixed leaf
 1 = Ø 15 with concealed power supply cable 24 V

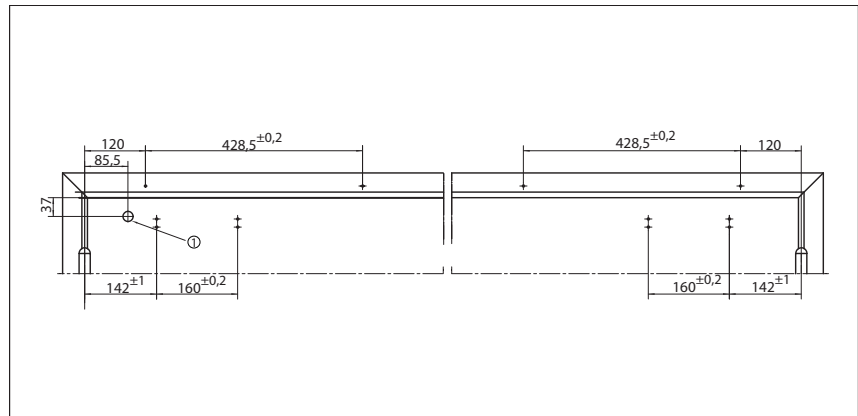


Fitting dimensions right-hand leaf = active leaf, left-hand leaf = fixed leaf
 1 = Ø 15 with concealed power supply cable 24 V

Mounting with mounting plate

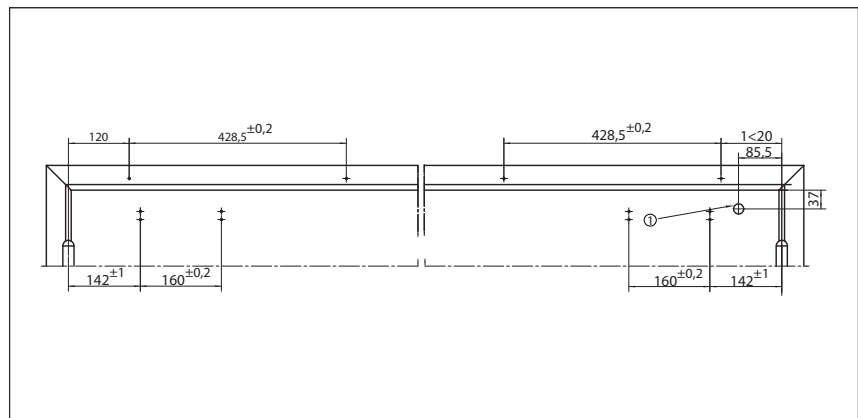


Section = mounting with mounting plate



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

1 = Ø 15 Power supply cable 24 V



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

1 = Ø 15 Power supply cable 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 opening damping (without guide rail and lever)	silver-coloured	027333
	dark bronze	027334
	white RAL 9016	027335
	simulated satinless steel ¹⁾	137721
	acc. to RAL ²⁾	027336
GEZE TS 5000 E-HY Closer Size EN 2-5, door leaf installation on the hinge side, with electrical hold-open for freeswing function (without 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
Mounting material		
Mounting plate guide rail 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 RSZ6 Smoke switch and power supply for all GEZE hold-open devices	silver-coloured	099851
	dark bronze	099857
	white RAL 9016	099858
	simulated satinless steel ¹⁾	099856
	acc. to RAL ²⁾	099859
GEZE Smoke switch RS 5 for ceiling or lintel installation	silver-coloured	027052
	dark bronze	028939
	white RAL 9016	028940
	simulated satinless steel ¹⁾	028942
	acc. to RAL ²⁾	028941
GEZE Smoke switch type 142 Complete with base, 24 V DC	white	091273
GEZE Circuit breaker with glass pane and 5 interchangeable labels Flush-mounted version for the manual triggering of electrically controlled hold-open devices	alpine white	120880
GEZE Circuit breaker Flush-mounted version for the manual triggering of electrically controlled hold-open devices	alpine white	116266
Box for surface mounting, single suitable for the AS500 switch range		120503
Replacement glass pane for GEZE circuit breaker 120880		010994

1) Only for dry rooms

2) Surcharge for RAL special colours, see General Notes

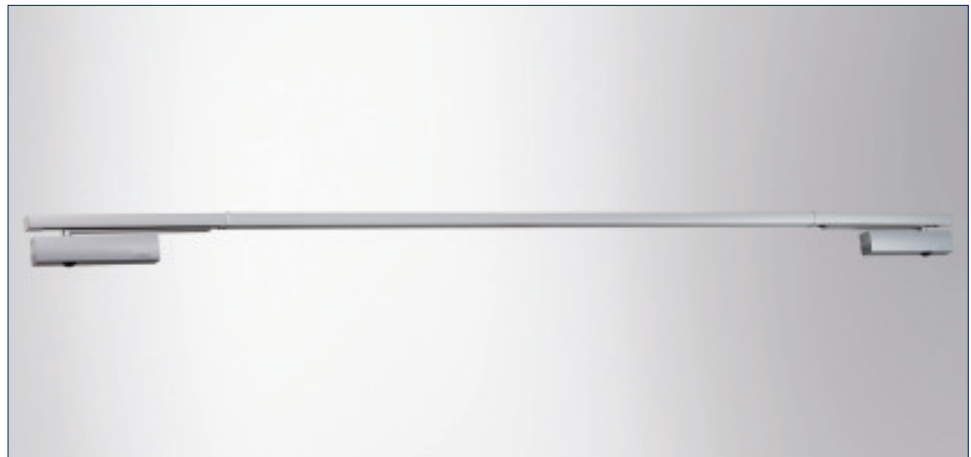
GEZE TS 5000 E-ISM

Guide rail door closer system for double-leaf doors up to 2800 mm hinge clearance with integrated closing sequence control and electrical hold-open

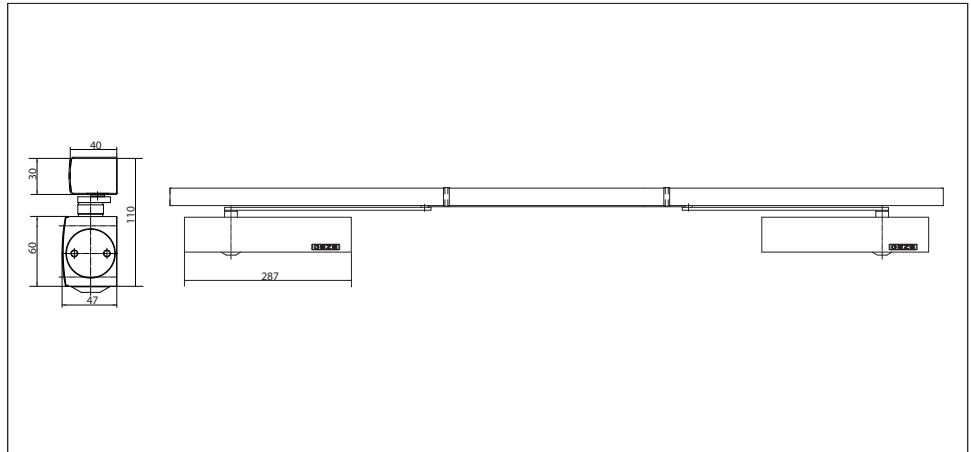
The TS 5000 E-ISM overhead door closer system for double-leaf doors with integrated, invisible closing sequence control has an additional electromechanical hold-open function in the guide rail so that the door can be opened to an exact point. As the hold-open releases in case of fire and the doors close 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.

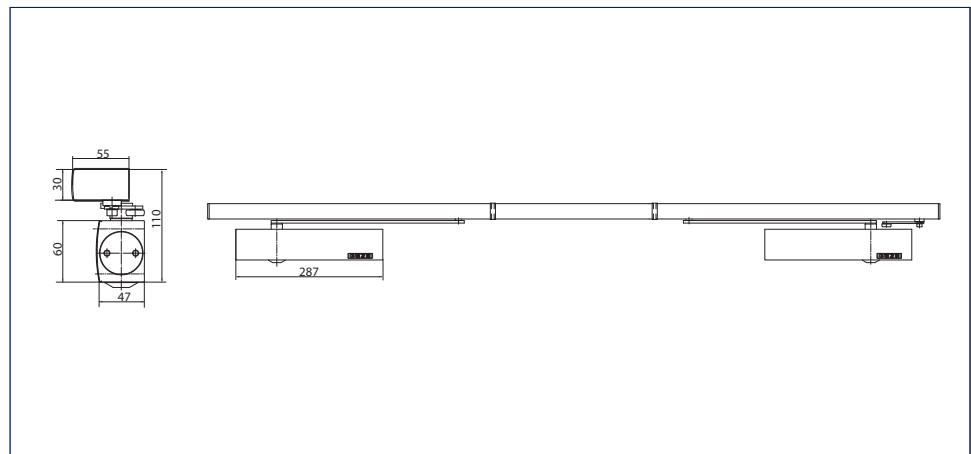
GEZE TS 5000 E-ISM



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

Closer technical data:

- X-dimension up to max. 100 mm (including mounting plate, see p. 8), the door opening angle on the active leaf side
- is > 90°, the diagram "door opening angle" on page 8 does not apply for the L-E-ISM VP version
- Min. hinge clearance 1445 mm

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 to EN 1154	
Fire door suitability	●	●
Mounting plate with hole pattern to EN 1154 supplement	●	●
Length	287 mm	
Overall depth	47 mm	
Height	60 mm	
Functions		
Adjustable closing force	Yes, stepless	
Adjustable closing speed	●	●
Adjustable latching action	Yes, via valve	
Integrated back check	Yes, hydraulically adjustable	
Position of closing force adjustment	Front	
Visual display of the closing force	●	●
Safety valve against vandalism	●	●
Thermo-stabilised valves	●	●

Guide rail technical data:

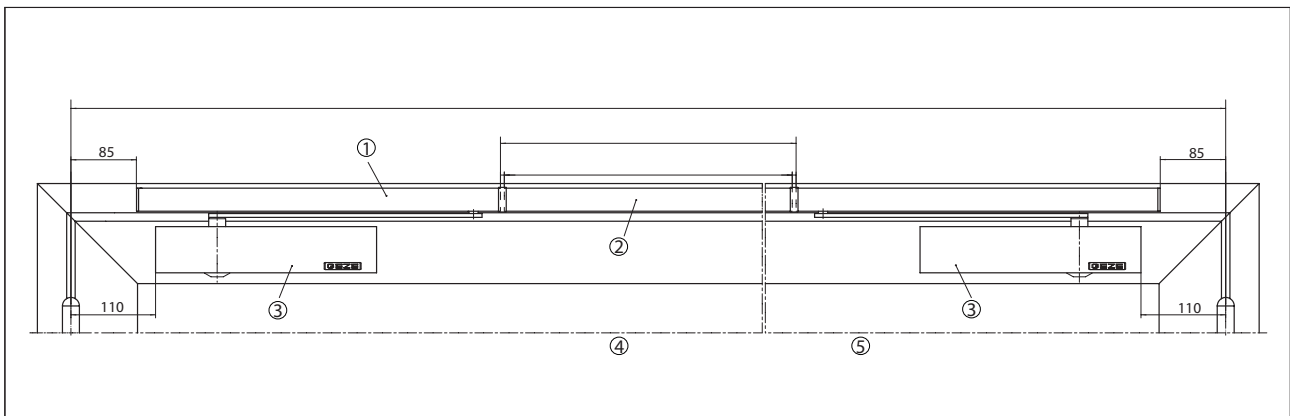
Product features	TS 5000 E-ISM guide rail	TS 5000 E-ISM guide rail BG VP
Minimum hinge clearance	1300 mm	1445 mm
Minimum fixed leaf width	400 mm	380 mm
Supply voltage	24 V DC	
Enclosure rating	IP 43	
Product tested to	Hold-open device tested to EN 1154 Closing sequence controller tested to EN 1158	
Length	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°	from 80°
Height correction possible	●	●

○ = optional

● = standard

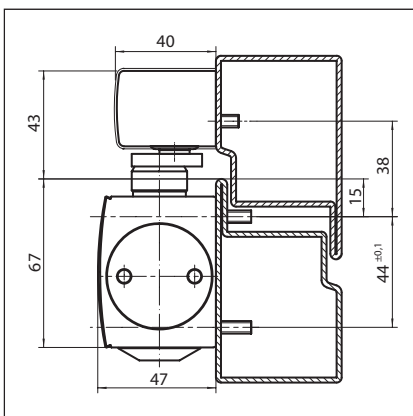
Door leaf mounting/hinge side TS 5000 E-ISM

View

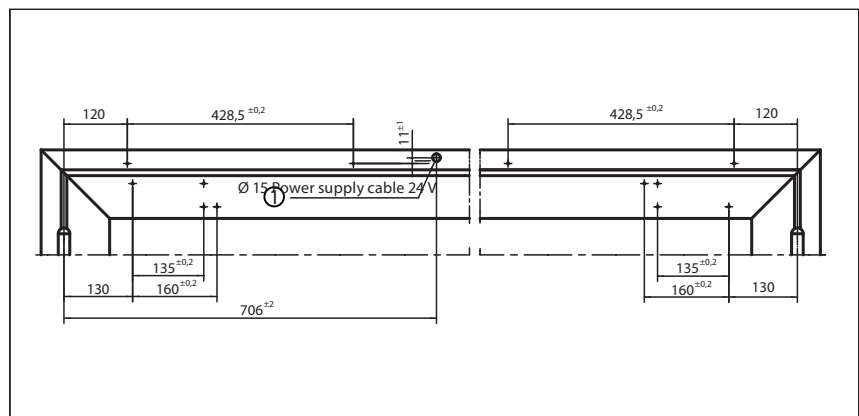


Mounting example of the GEZE TS 5000 E-ISM system on a steel door

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

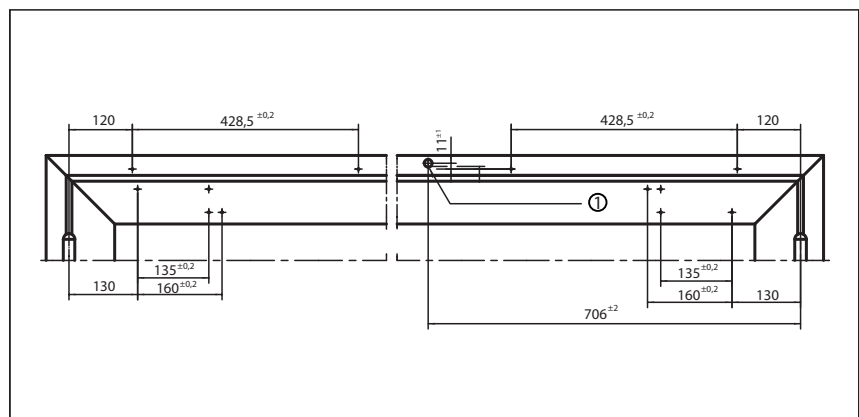
Direct mounting

Section = direct mounting



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

1 = Ø 15 Power supply cable 24 V



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

1 = Ø 15 Power supply cable 24 V

Technical drawing showing two views of a component, likely a bracket or support structure, with dimensions in millimeters (mm). The drawing includes a top view and a side view.

Top View Dimensions:

- Overall width: 706⁺²
- Left side width: 130
- Right side width: 130
- Inner width (left): 160^{+0,2}
- Inner width (right): 160^{+0,2}
- Distance from left edge to center: 428,5^{+0,2}
- Distance from right edge to center: 428,5^{+0,2}
- Distance from center to right edge: 120
- Distance from center to left edge: 120
- Distance from center to right edge: 120
- Distance from center to left edge: 120

Side View Dimensions:

- Overall height: 111⁺¹
- Distance from top edge to center: 135^{+0,2}
- Distance from bottom edge to center: 160^{+0,2}

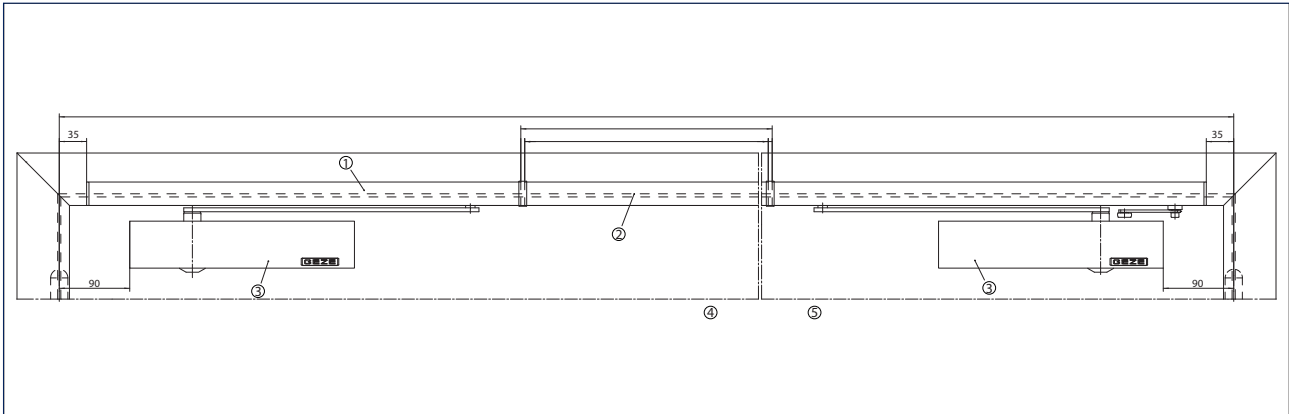
The drawing also includes a circular feature (hole) on the right side, indicated by a dimension line and a circle with a dot.

Technical drawing of a two-part assembly. The left part has a total length of 428,5 ±0,2, with a 120 wide end section and a 142 ±1 wide base section. The right part has a total length of 706 ±2, with a 428,5 ±0,2 wide upper section and a 160 ±0,2 wide base section. A detail callout ① points to a small feature on the right part. The drawing includes various dimension lines, arrows, and a dashed center line.

GEZE DOOR TECHNOLOGY

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

View



Mounting example of the GEZE TS 5000 L-E-ISM

1 = E-ISM guide rail BG

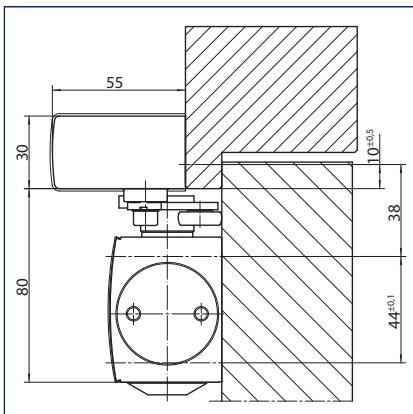
2 = Middle section can be cut to size

3 = TS 5000 L

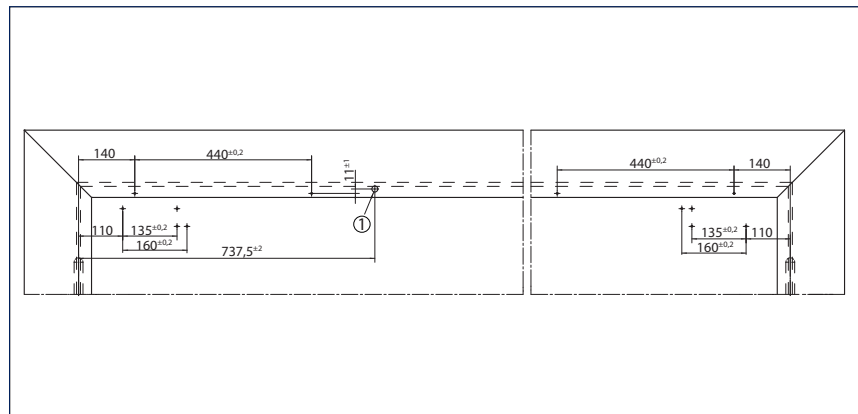
4 = Active leaf

5 = Fixed leaf

Direct mounting

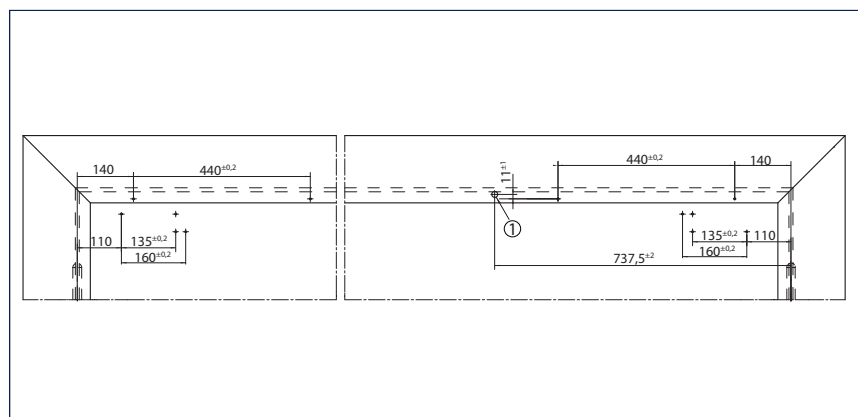


Section = direct mounting



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

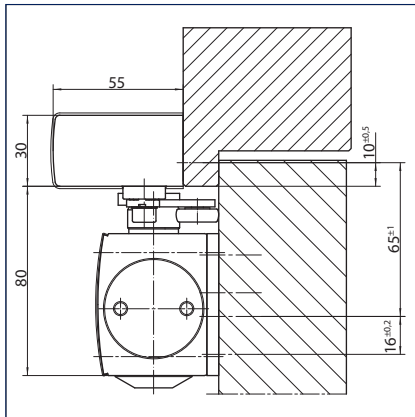
1 = Ø 15 Power supply cable 24 V



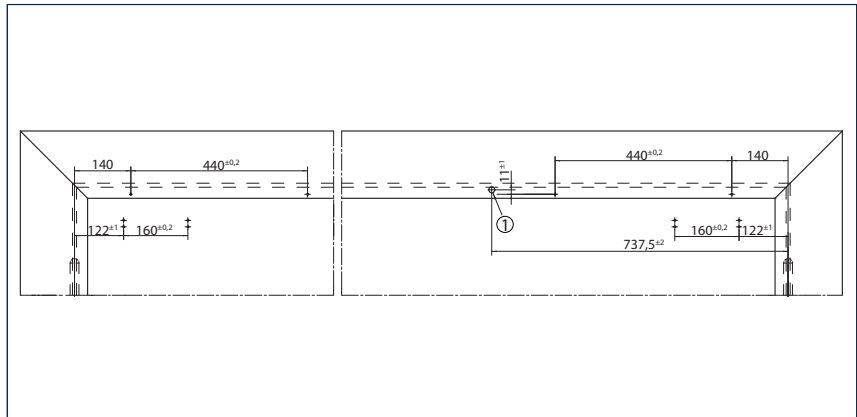
Fitting dimensions right-hand leaf = fixed leaf, left-hand leaf = active leaf

1 = Ø 15 Power supply cable 24 V

Mounting with mounting plate

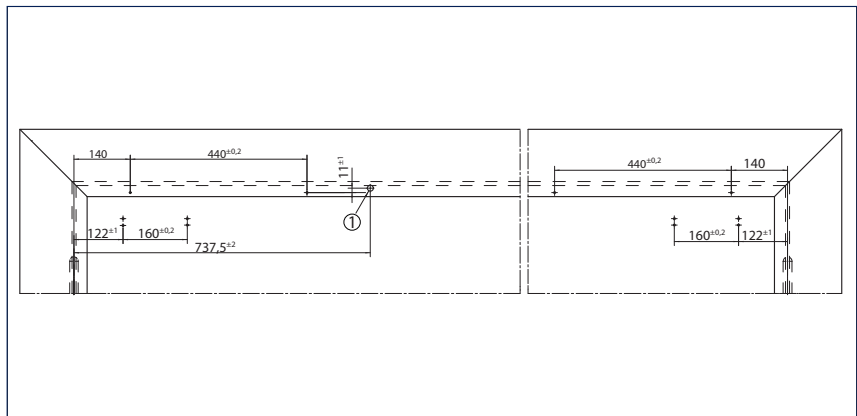


Section = mounting with mounting plate



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

1 = Ø 15 Power supply cable 24 V



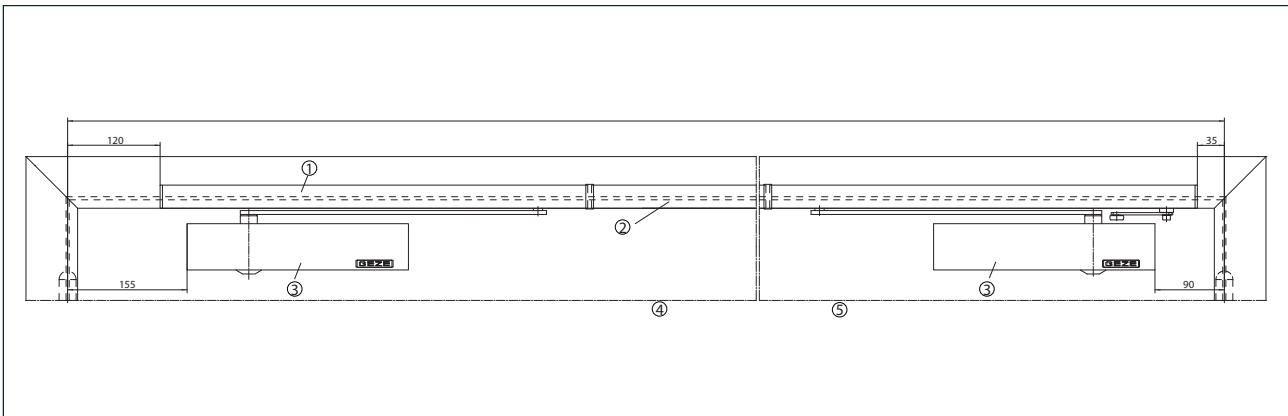
Fitting dimensions right-hand leaf = fixed leaf, left-hand leaf = active leaf

1 = Ø 15 Power supply cable 24 V

GEZE TS 3000 V / SYSTEM TS 5000

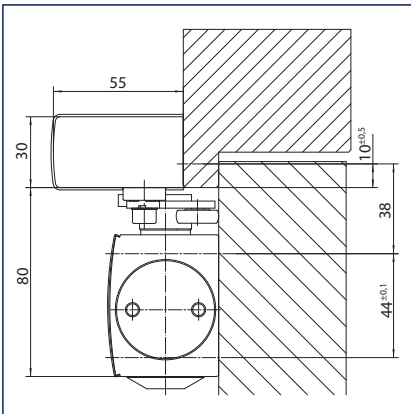
Door leaf mounting/opposite hinge side TS 5000 L-E-ISM VP

View

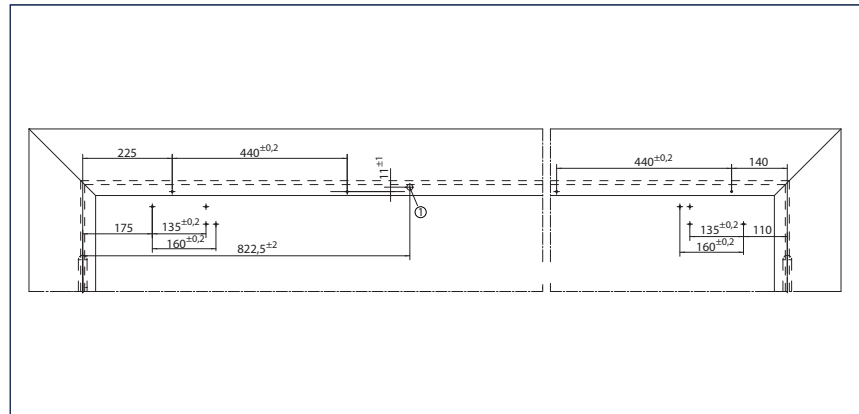


- 1 = E-ISM guide rail BG VP
- 2 = Middle section can be cut to size
- 3 = TS 5000 L
- 4 = Active leaf
- 5 = Fixed leaf

Direktmontage

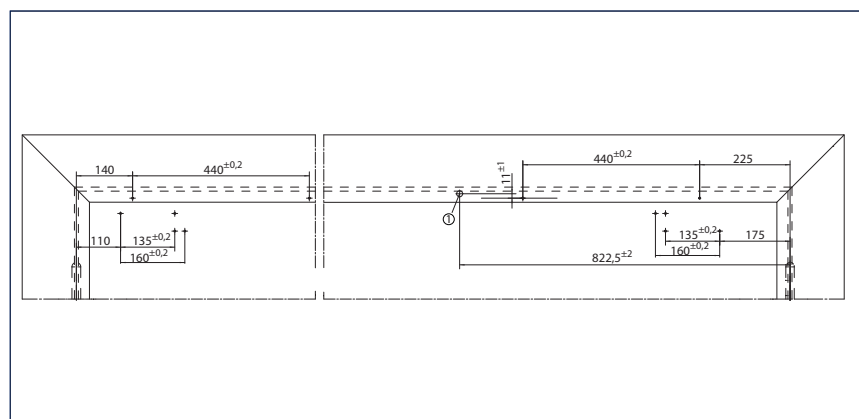


Section = direct mounting



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

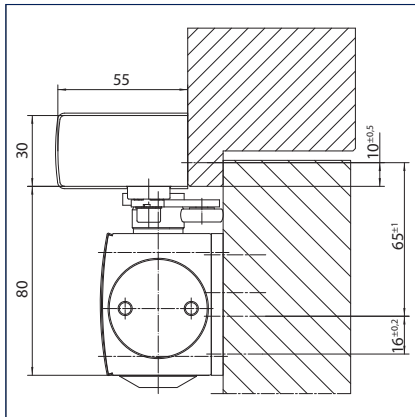
1 = Ø 15 Power supply cable 24 V



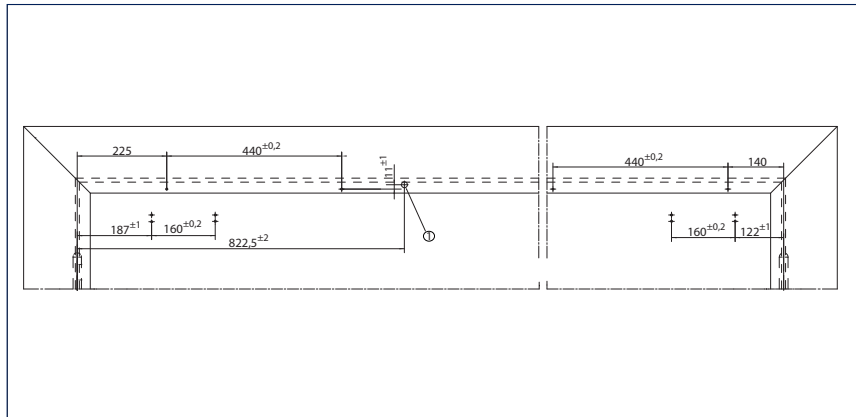
Fitting dimensions right-hand leaf = fixed leaf, left-hand leaf = active leaf

1 = Ø 15 Power supply cable 24 V

Mounting with mounting plate

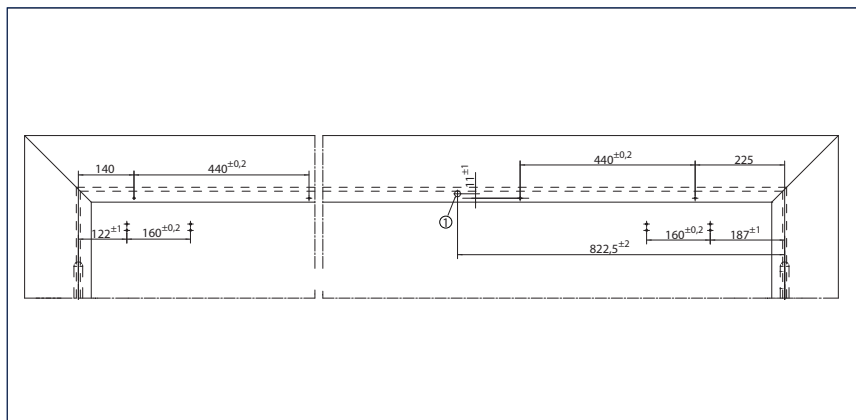


Section = mounting with mounting plate



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

1 = Ø 15 Power supply cable 24 V



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

1 = Ø 15 Power supply cable 24 V

GEZE TS 3000 V / SYSTEM TS 5000

GEZE TS 5000 E-ISM - order information

Description	Version	ID.No.
GEZE TS 5000 Closer Size EN 2-6, with opening damping (without guide rail and lever)	silver-coloured	027333
	dark bronze	027334
	white RAL 9016	027335
	simulated satinless steel ¹⁾	137721
	acc. to RAL ²⁾	027336
GEZE TS 5000 L Closer Size EN 2-6, with opening damping (without guide rail and lever)	silver-coloured	027351
	dark bronze	029399
	white RAL 9016	029400
	simulated satinless steel ²⁾	137723
	acc. to RAL ²⁾	027352
E-ISM-guide rail TS 5000 continuous, with integrated closing sequence control and levers	silver-coloured	115600
	dark bronze	115601
	white RAL 9016	115602
	simulated satinless steel ¹⁾	115603
	acc. to RAL ²⁾	115604
E-ISM-guide rail TS 5000 footage continuous, footage up to 3200 mm, with integrated closing sequence control, electrical hold-open 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, electrical hold-open on the active leaf and levers	silver-coloured	115605
	simulated satinless steel ¹⁾	115606
	acc. to RAL ²⁾	115607
E-ISM-guide rail BG TS 5000 continuous, with integrated closing sequence control, electrical hold-open device on both sides and levers	silver-coloured	115608
	white RAL 9016	115609
	simulated satinless steel ¹⁾	115610
	acc. to RAL ²⁾	115611
E-ISM-guide rail BG VP TS 5000 continuous, with integrated closing sequence control, electrical Hold-open device and levers, especially for full panic doors. Note: maximum X-dimension (centre of hinge – contact area of guide rail) 100 mm including mounting plate	silver-coloured	133667
	white RAL 9016	133668
	simulated satinless steel	133669
	acc. to RAL	133670
Mounting material		
Mounting plate guide rail 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

1) Only for dry rooms

2) Surcharge for RAL special colours, see General Notes

GEZE TS 3000 V / SYSTEM TS 5000

Description	Version	ID.No.
Accessories		
Cover cap door closer for TS 5000/TS 4000, can only be used for door leaf installation	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 RSZ6 Smoke switch and power supply for all GEZE hold-open devices	silver-coloured	099851
	dark bronze	099857
	white RAL 9016	099858
	simulated satinless steel ¹⁾	099856
	acc. to RAL ²⁾	099859
GEZE Smoke switch RS 5 for ceiling or lintel installation	silver-coloured	027052
	dark bronze	028939
	white RAL 9016	028940
	simulated satinless steel ¹⁾	028942
	acc. to RAL ²⁾	028941
GEZE Smoke switch type 142 Complete with base, 24V DC	white	091273
GEZE Circuit breaker with glass pane and 5 interchangeable labels Flush-mounted version for the manual triggering of electrically controlled hold-open devices	alpine white	120880
GEZE Circuit breaker Flush-mounted version for the manual triggering of electrically controlled hold-open devices	alpine white	116266
Box for surface mounting, single suitable for the AS500 switch range		120503
Replacement glass pane for GEZE circuit breaker 120880		010994

1) Only for dry rooms

2) Surcharge for RAL special colours, see General Notes



TS 5000 E-ISM, Generali, Köln

GEZE TS 5000 R-ISM

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

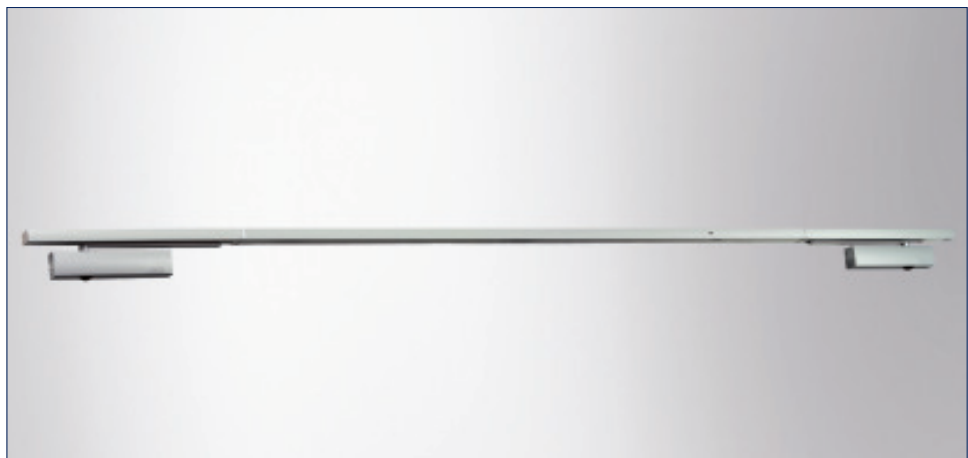
The TS 5000 R-SIM overhead door closer system for double-leaf doors with integrated, invisible closing sequence control, electro-mechanical hold-open on both sides and integrated smoke switch control unit is approved for mounting on fire and smoke doors. In the case of a fire, the smoke detector will be activated and the doors close automatically. 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 R-ISM guide rail with integrated mechanical closing sequence control, tested to EN 1158, electromechanical hold-open to EN 1155 and smoke switch control unit with clogging indicator and alarm threshold tracing. The holding force is adjustable and the hold-open position can be overridden. The hold-open system has national technical approval.

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

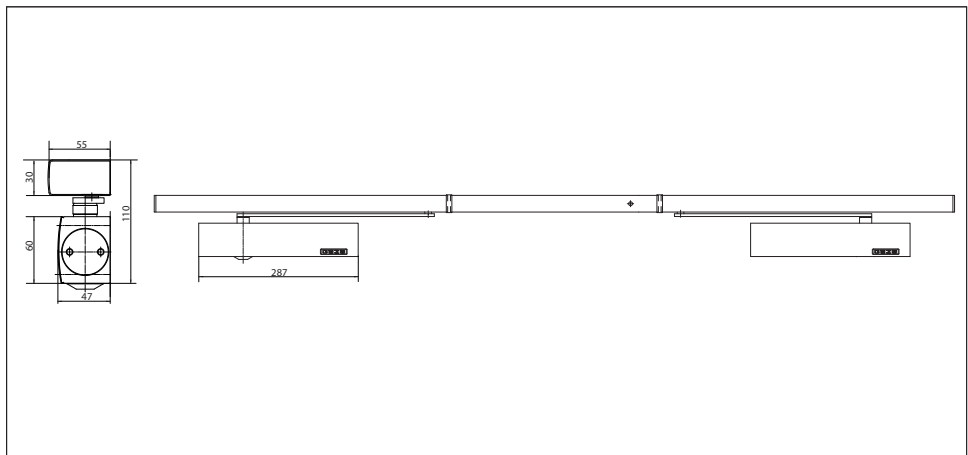
Special version:

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

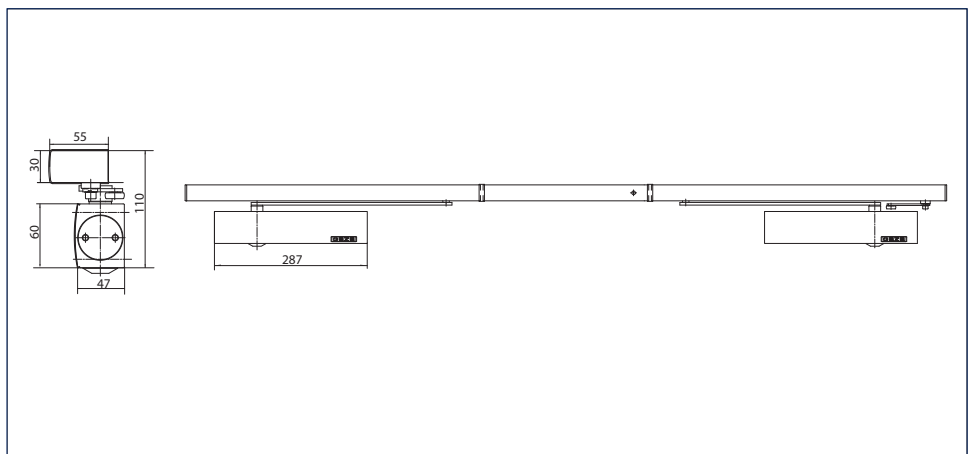
GEZE TS 5000 R-ISM



GEZE TS 5000 R-ISM



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



GEZE TS 3000 V / SYSTEM TS 5000

R-ISM applications

- For double-action 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 door divisions possible, minimum width of the fixed leaf = 400 mm
- For fire doors (door closer with mounting plate)
- Can be used for right and left-hand doors without conversion

Area of application L-R-ISM

- For 2-leaf doors, 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
- 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 (including mounting plate, see p. 8), the door opening angle on the active leaf side is > 90°, the diagram "door opening angle" on p. 8 does not apply for 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 to EN 1154	
Fire door suitability	●	●
Mounting plate with hole pattern to EN 1154 supplement	●	●
Length	287 mm	
Overall depth	47 mm	
Height	60 mm	
Functions		
Adjustable closing force	Yes, stepless	
Adjustable closing speed	●	●
Adjustable latching action	Yes, via valve	
Integrated back check	Yes, hydraulically adjustable	
Position of closing force adjustment	Front	
Visual display of the closing force	●	●
Safety valve against vandalism	●	●
Thermo-stabilised valves	●	●

GEZE TS 3000 V / SYSTEM TS 5000

Guide rail technical data:

Product features	TS 5000 R-ISM guide rail	R-ISM/G guide rail TS 5000	TS 5000 R-ISM guide rail BG VP
Minimum hinge clearance	1500 mm	1500 mm	1645 mm
Minimum fixed leaf width	400 mm	400 mm	380 mm
Supply voltage	230 V 50 Hz		
Enclosure rating	IP 20		
Ambient temperature	0 - 50 °C		
Product tested to	Hold-open device tested to EN 1154 Closing sequence controller tested to EN 1158 DIBt national technical approval as hold-open system		
Length	2740 mm	2740 mm	2730 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°	from 80°
Integrated smoke switch	●	●	●
with visual operating state display	●	●	●
with clogging indicator	●	●	●
with alarm threshold tracing	●	●	●
Integrated power pack	●	●	●
Height correction possible	●	●	●

○ = optional

● = standard

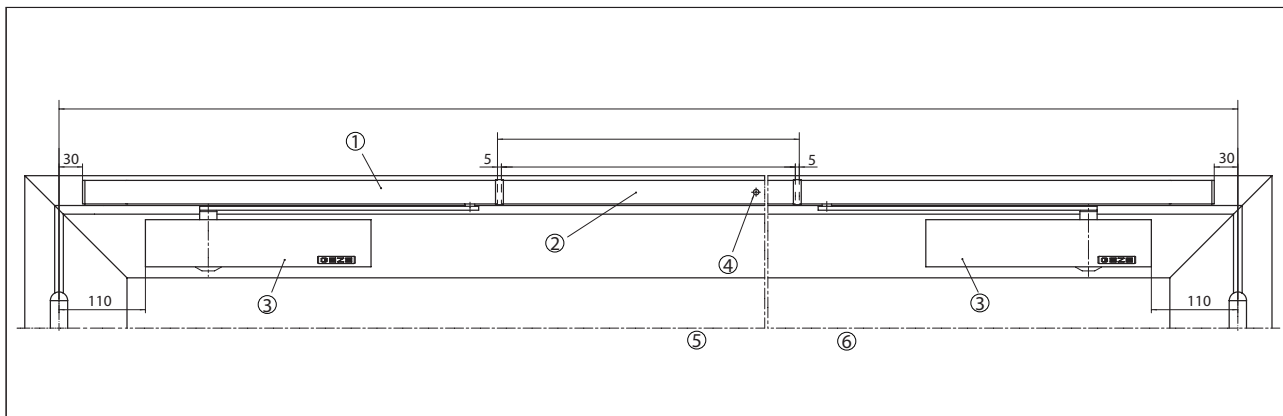


TS 5000 R-ISM, GEZE GmbH, Leonberg

GEZE TS 3000 V / SYSTEM TS 5000

Door leaf mounting/hinge side TS 5000 R-ISM

View



Mounting example of the GEZE TS 5000 R-ISM system on a steel door

1 = R-ISM guide rail

2 = Middle section can be cut to size

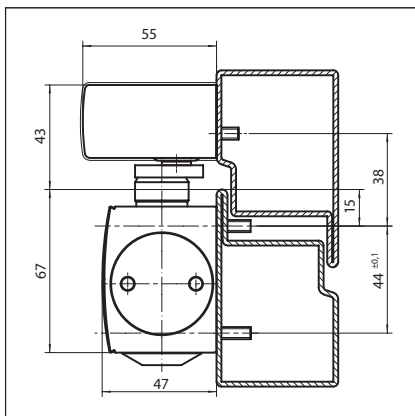
3 = TS 5000

4 = Smoke switch control unit

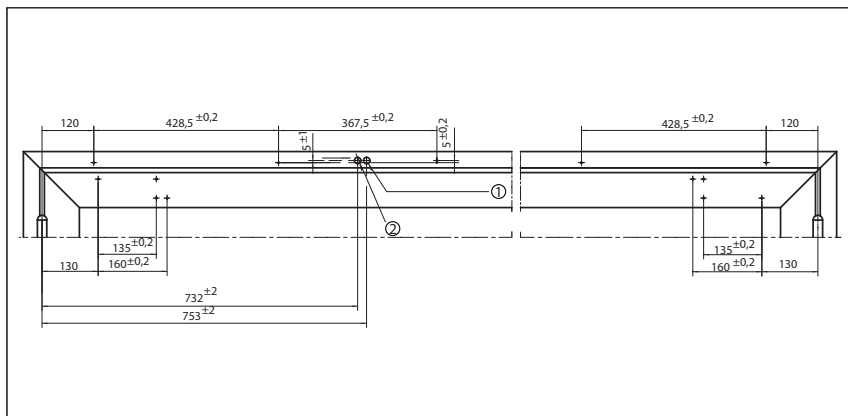
5 = Active leaf

6 = Fixed leaf

Direct mounting



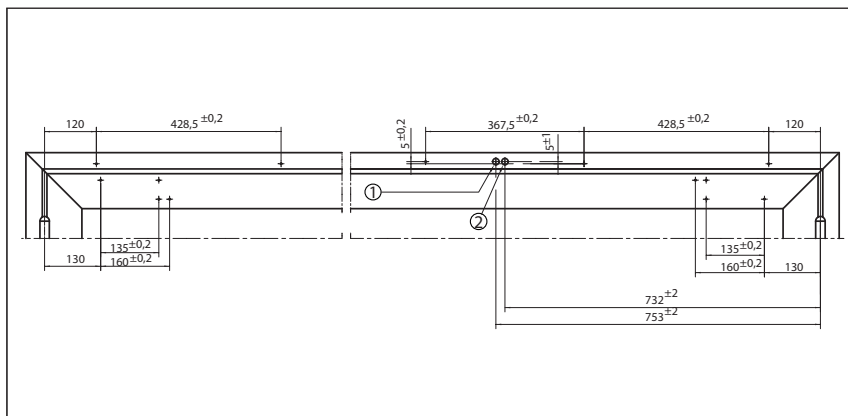
Section = direct mounting



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

1 = Ø 15 Additional cable

2 = Ø 15 230 V AC

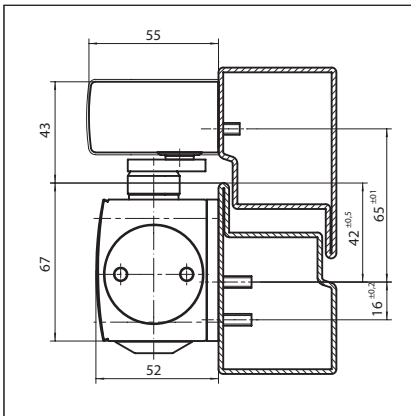


Fitting dimensions right-hand leaf = active leaf, left-hand leaf = fixed leaf

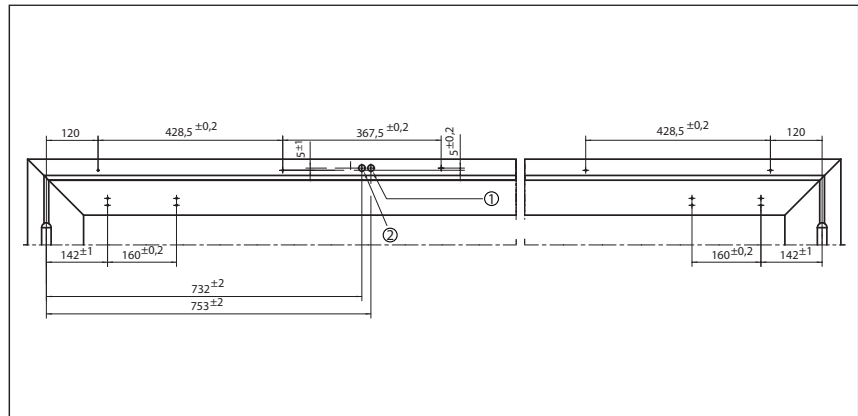
1 = Ø 15 Additional cable

2 = Ø 15 230 V AC

Mounting with mounting plate



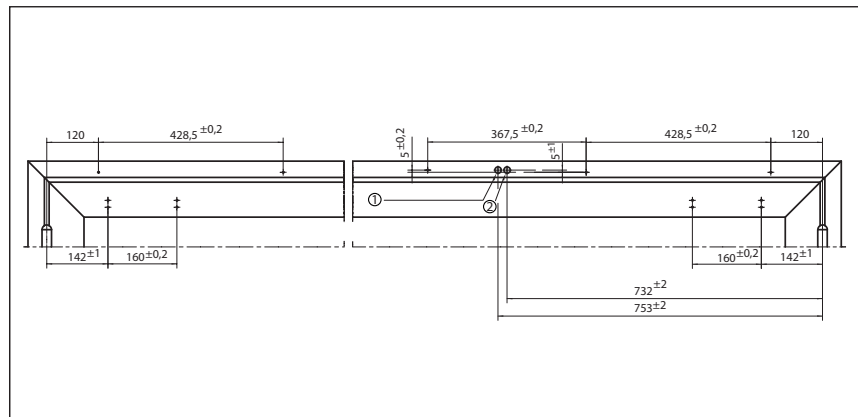
Section = mounting with mounting plate



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

1 = Ø 15 Additional cable

2 = Ø 15 230 V AC



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

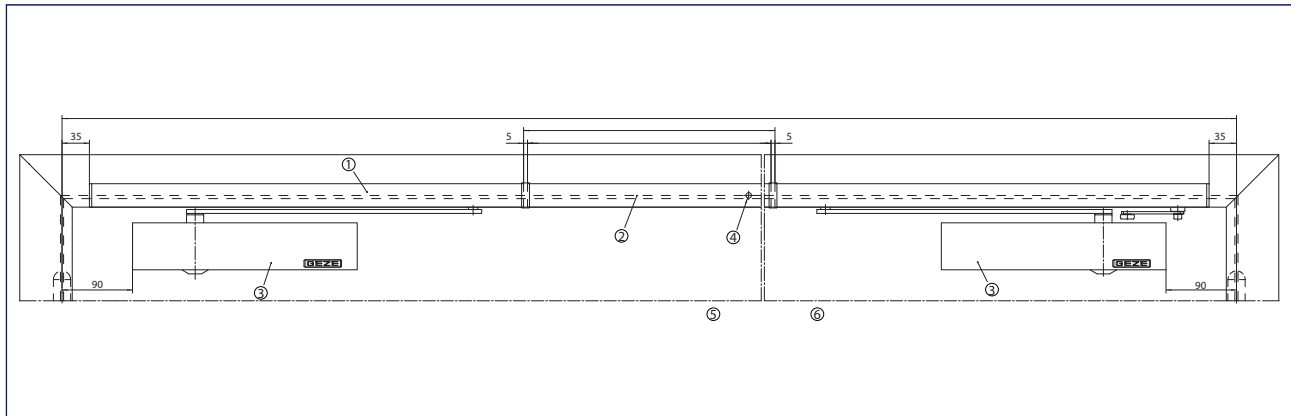
1 = Ø 15 Additional cable

2 = Ø 15 230 V AC

GEZE TS 3000 V / SYSTEM TS 5000

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

View



Mounting example of the GEZE TS 5000 L-R-ISM

1 = R-ISM guide rail BG

2 = Middle section can be cut to size

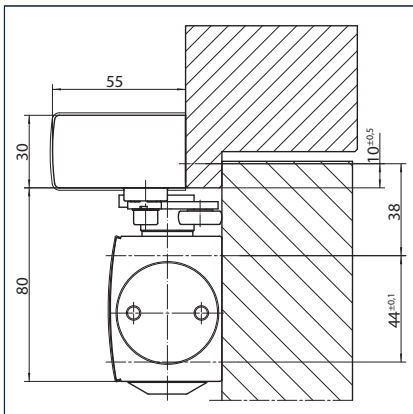
3 = TS 5000 L

4 = Smoke switch control unit

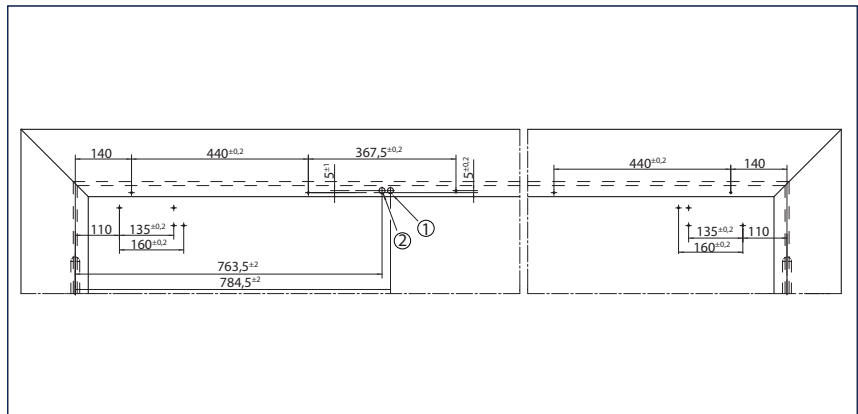
5 = Active leaf

6 = Fixed leaf

Direct mounting



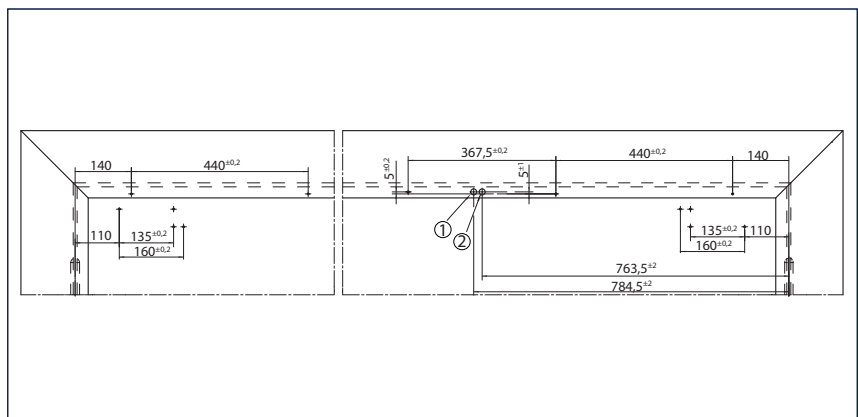
Section = direct mounting



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

1 = Ø 15 Additional cable

2 = Ø 15 230 V AC

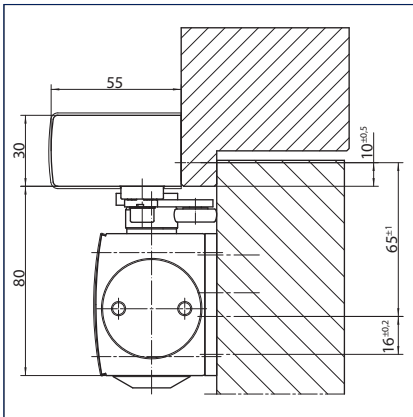


Fitting dimensions right-hand leaf = fixed leaf, left-hand leaf = active leaf

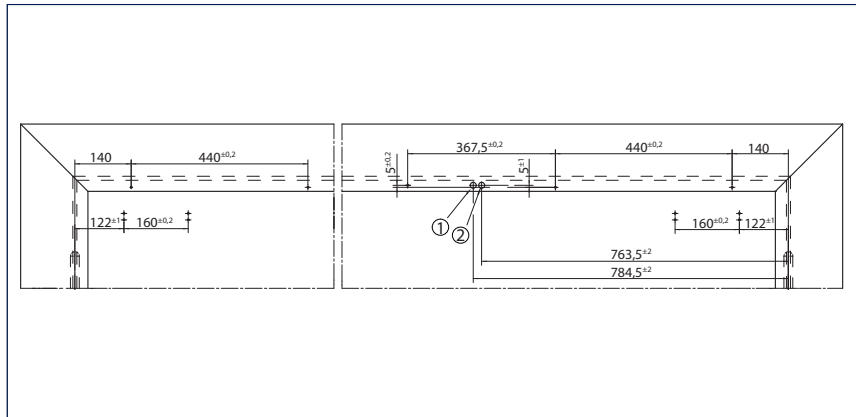
1 = Ø 15 Additional cable

2 = Ø 15 230 V AC

Mounting with mounting plate



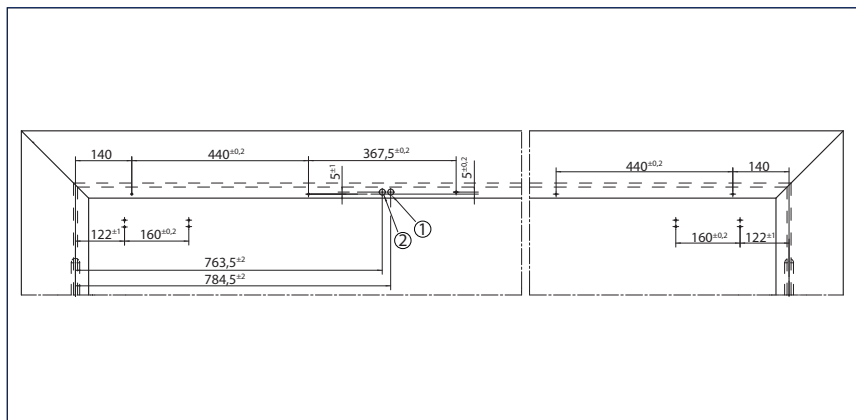
Section = mounting with mounting plate



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

1 = Ø 15 Additional cable

2 = Ø 15 230 V AC



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

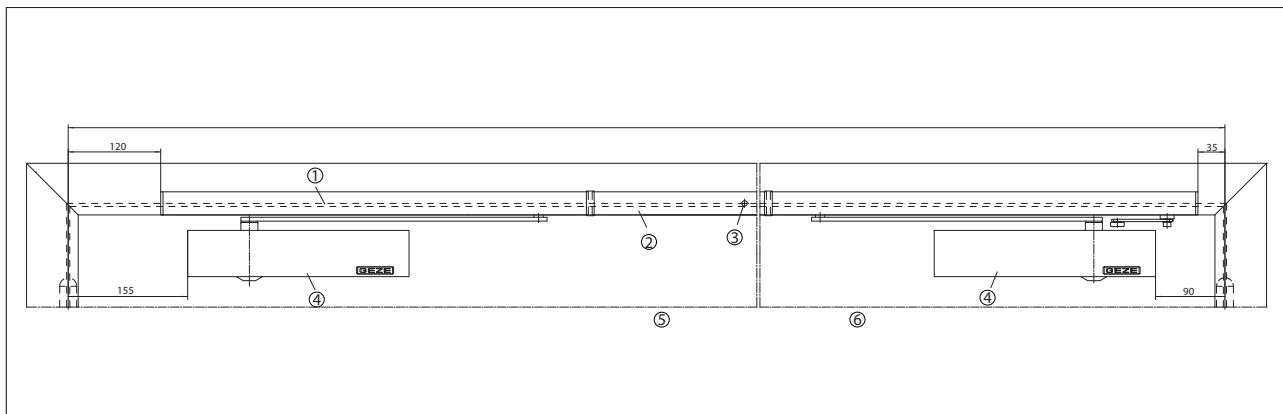
1 = Ø 15 Additional cable

2 = Ø 15 230 V AC

GEZE TS 3000 V / SYSTEM TS 5000

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

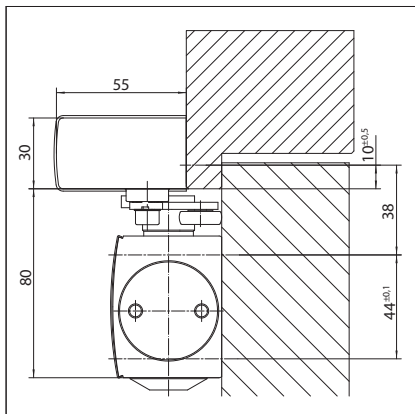
View



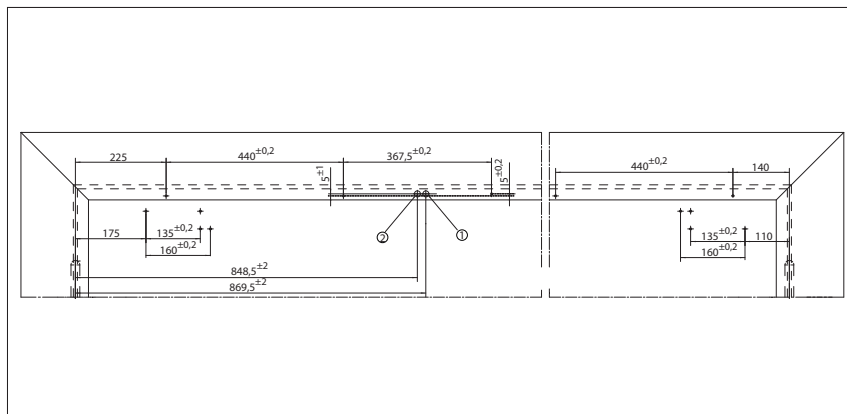
Mounting example of the GEZE TS 5000 L-R-ISM VP

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

Direct mounting

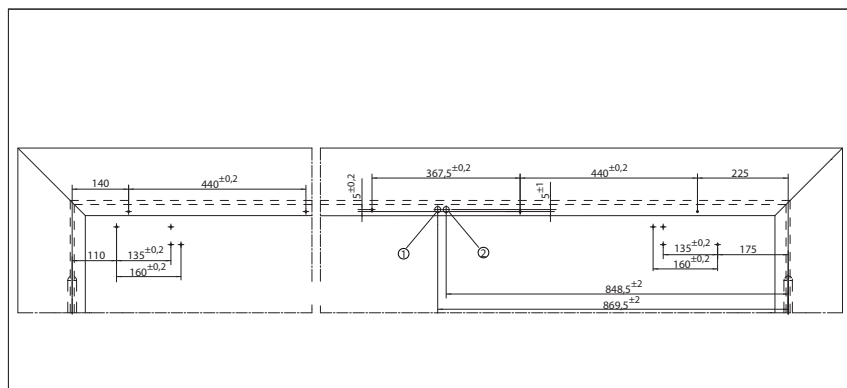


Section = direct mounting



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

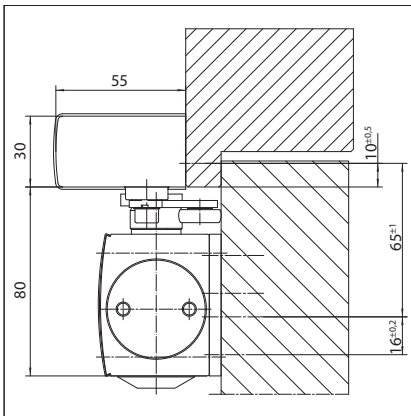
- 1 = Ø 15 Additional cable
- 2 = Ø 15 230 V AC



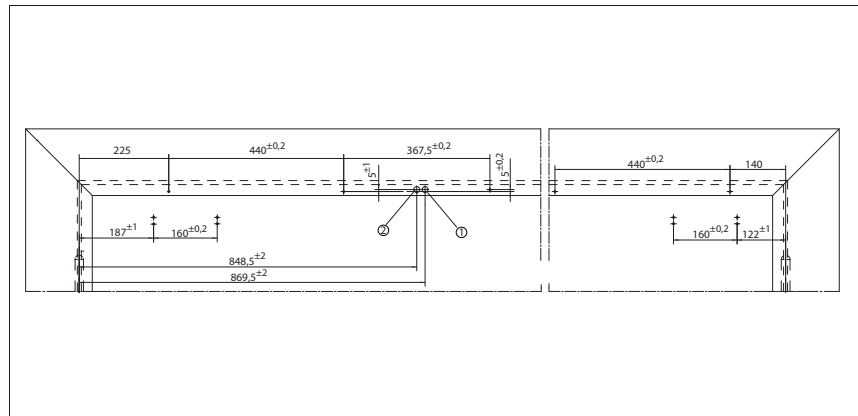
Fitting dimensions right-hand leaf = fixed leaf, left-hand leaf = active leaf

- 1 = Ø 15 Additional cable
- 2 = Ø 15 230 V AC

Mounting with mounting plate



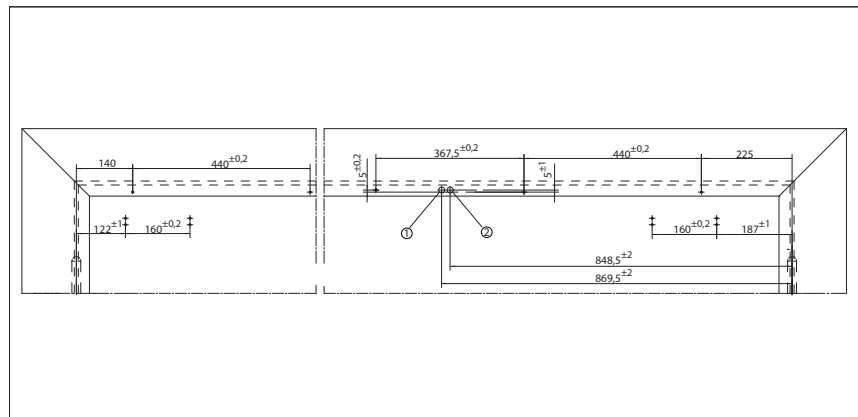
Section = mounting with mounting plate



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

1 = Ø 15 Additional cable

2 = Ø 15 230 V AC



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

1 = Ø 15 Additional cable

2 = Ø 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 opening damping (without guide rail and lever)	silver-coloured	027333
	dark bronze	027334
	white RAL 9016	027335
	simulated satinless steel ¹⁾	137721
	acc. to RAL ²⁾	027336
GEZE TS 5000 L Closer Size EN 2-6, with opening damping (without guide rail and lever)	silver-coloured	027351
	dark bronze	029399
	white RAL 9016	029400
	simulated satinless steel ²⁾	137723
	acc. to RAL ²⁾	027352
R-ISM-guide rail TS 5000 continuous, with integrated closing sequence control, electrical hold-open device on both sides, smoke switch control unit and levers	silver-coloured	115614
	dark bronze	115615
	white RAL 9016	115616
	simulated satinless steel ¹⁾	115617
	acc. to RAL ²⁾	115618
R-ISM-guide rail TS 5000 footage continuous, footage up to 3200 mm, with integrated closing sequence control, hold-open device on both sides, smoke switch control unit and levers	silver-coloured	115626
	acc. to RAL ²⁾	115627
R-ISM/G-guide rail TS 5000 continuous, with integrated closing sequence control, electrical hold-open on the active leaf, smoke switch control unit and levers	silver-coloured	115619
	simulated satinless steel ¹⁾	115620
	acc. to RAL ²⁾	115621
R-ISM-guide rail BG TS 5000 continuous, with integrated closing sequence control, electrical hold-open device on both sides, smoke switch control unit and levers	silver-coloured	115622
	white RAL 9016	115623
	simulated satinless steel ¹⁾	115624
	acc. to RAL ²⁾	115625
R-ISM-guide rail BG VP TS 5000 continuous, with integrated closing sequence control, electrical Hold-open device, smoke switch control unit and levers, especially for full panic doors. Note: maximum X-dimension (centre of hinge – contact area of guide rail) 100 mm including mounting plate	silver-coloured	133711
	white RAL 9016	133712
	simulated satinless steel ¹⁾	133713
	acc. to RAL ²⁾	133714
Mounting material		
Mounting plate guide rail 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		
Cover cap door closer for TS 5000/TS 4000, can only be used for door leaf installation	silver-coloured	067724
	dark bronze	067725
	white RAL 9016	067726
	Stainless steel	072696
	brass	072698
	acc. to RAL ²⁾	000756
GEZE Smoke switch RS 5 for ceiling or lintel installation	silver-coloured	027052
	dark bronze	028939
	white RAL 9016	028940
	simulated satinless steel ¹⁾	028942
	acc. to RAL ²⁾	028941
GEZE Smoke switch type 142 Complete with base, 24V DC	white	091273
GEZE Circuit breaker with glass pane and 5 interchangeable labels Flush-mounted version for the manual triggering of electrically controlled hold-open devices	alpine white	120880
GEZE Circuit breaker Flush-mounted version for the manual triggering of electrically controlled hold-open devices	alpine white	116266
Box for surface mounting, single suitable for the AS500 switch range		120503
Replacement glass pane for GEZE circuit breaker 120880		010994

¹⁾ Only for dry rooms

²⁾ Surcharge for RAL special colours, see General Notes



TS 5000 L-R-ISM, Generali, Köln

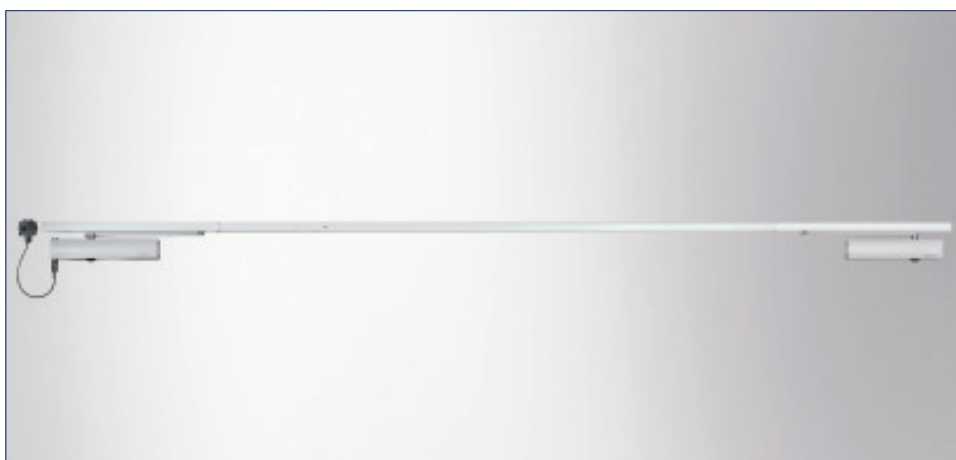
GEZE TS 3000 V / SYSTEM TS 5000

GEZE TS 5000 R-ISM-EFS

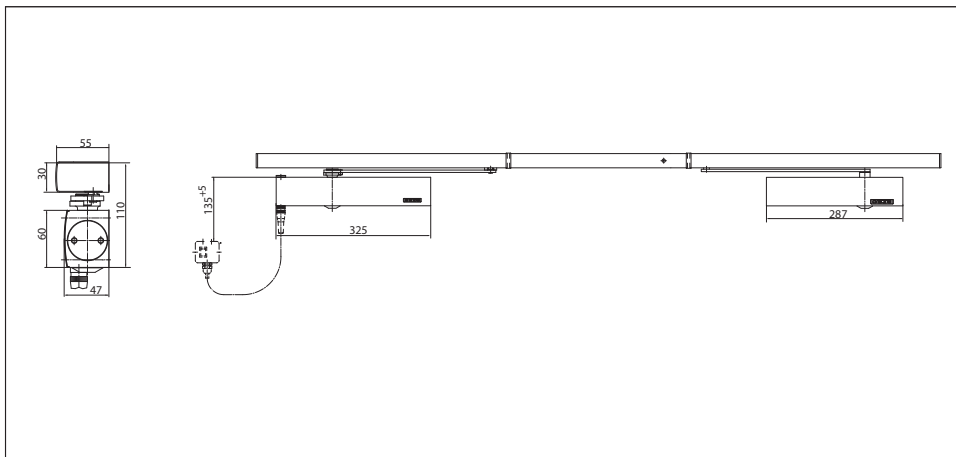
Guide rail door closer system for double-leaf doors up to 2500 mm hinge clearance with integrated closing sequence control, electrical freeswing function and smoke switch control unit

With the GEZE TS 5000 R-ISM-EFS system solution for double-leaf doors, with the help of the R-ISM EFS guide rail and the door closer TS 5000 E Hy (with integrated hydraulic locking), the "freeswing" function is implemented at the active leaf. The door must be opened once, for example, in the morning, to approximately 90°. The fixed leaf closes automatically due to a TS 5000 overhead door closer. The integrated mechanical closing sequence control is carried out by the R-ISM guide rail. The GEZE system solution consists of one TS 5000 E Hy overhead door closer size 2-5 to EN 1154 on the active leaf and one TS 5000 size 2-6 to EN 1154 on the fixed leaf, combined with an R-ISM-EFS guide rail with integrated mechanical closing sequence control tested to EN 1158, and smoke switch control unit integrated in the guide rail with alarm threshold tracing, clogging indicator and test button. The freeswingssystem has national technical approval.

GEZE TS 5000 R-ISM-EFS



GEZE TS 5000 R-ISM-EFS



Applications

- For double-action doors, leaf width up to 1250 mm
- Min. hinge clearance = 1500 mm, max. hinge clearance = 2500 mm
- Symmetrical and asymmetrical door divisions possible, minimum width of the fixed leaf = 400 mm, Maximum width of the active leaf = 1250 mm
- For fire doors (door closer with mounting plate)
- Can be used for right and left-hand doors without conversion

GEZE TS 3000 V / SYSTEM TS 5000

Closer technical data:

Product features	GEZE TS 5000 closer	GEZE TS 5000 E-HY 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 to EN 1154	Door closer tested to EN 1154 Hold-open device tested to EN 1154
Fire door suitability	●	●
Mounting plate with hole pattern to EN 1154 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 latching action	Yes, via valve	
Integrated back check	Yes, hydraulically adjustable	No
Position of closing force adjustment	Front	
Visual display of the closing force	●	●
Safety valve against vandalism	●	●
Thermo-stabilised valves	●	●

Guide rail technical data:

Product features	TS 5000 R-ISM-EFS guide rail
Minimum hinge clearance	1500 mm
Minimum fixed leaf width	400 mm
Supply voltage	230 V 50 Hz
Enclosure rating	IP 20
Ambient temperature	0 - 50 °C
Product tested to	Closing sequence controller tested to EN 1158 DIBt national technical approval as 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	●

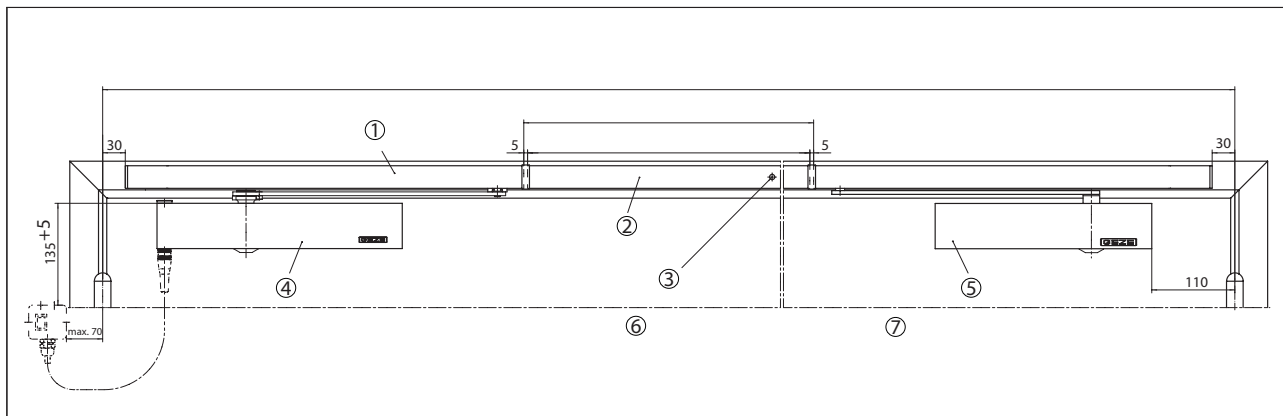
○ = optional

● = standard

GEZE TS 3000 V / SYSTEM TS 5000

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

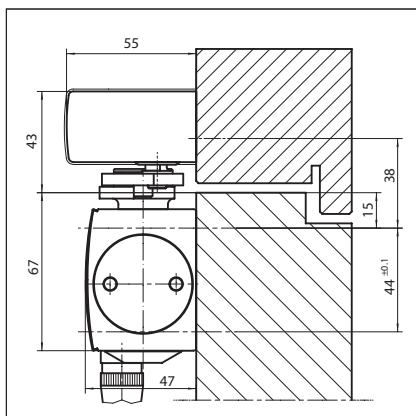
View



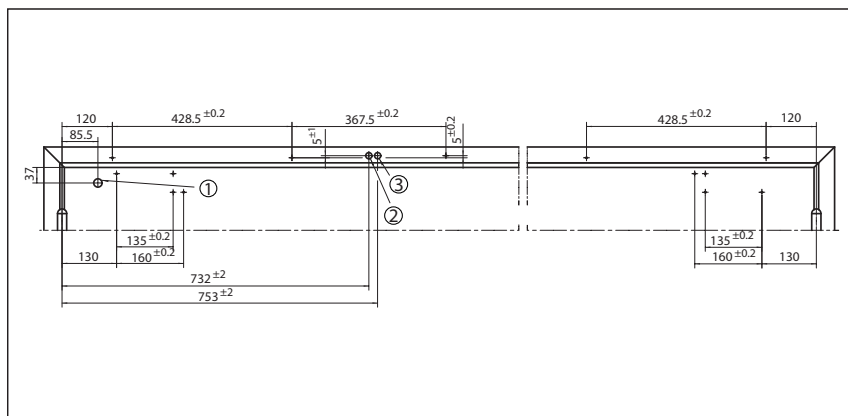
Mounting example of the GEZE TS 5000 R-ISM-EFS with mounting plate on a double-leaf flush-mounted wooden door

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

Direct mounting

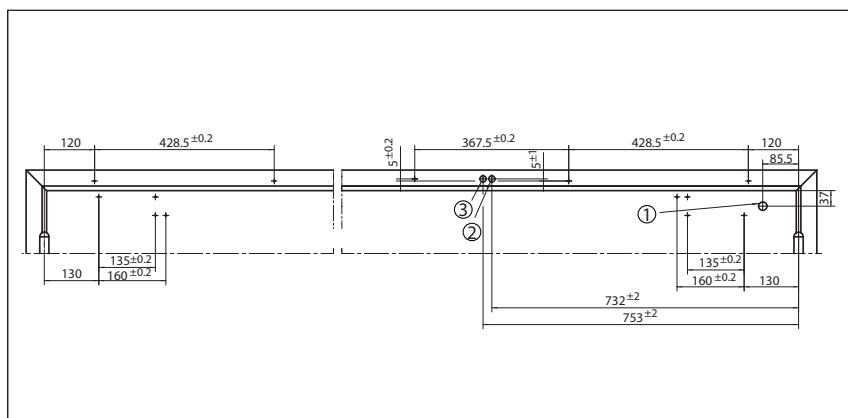


Section = direct mounting



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

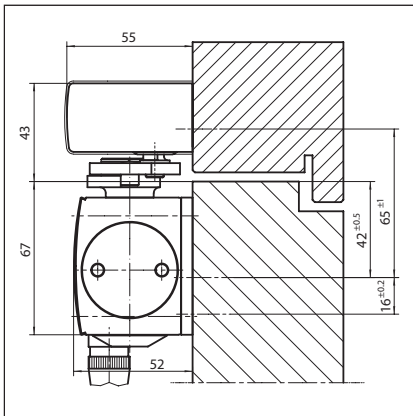
- 1 = Ø 15 with concealed Power supply cable 24 V
- 2 = Ø 15 230 V AC
- 3 = Ø 15 Power supply cable TS 5000 E-HY 24 V



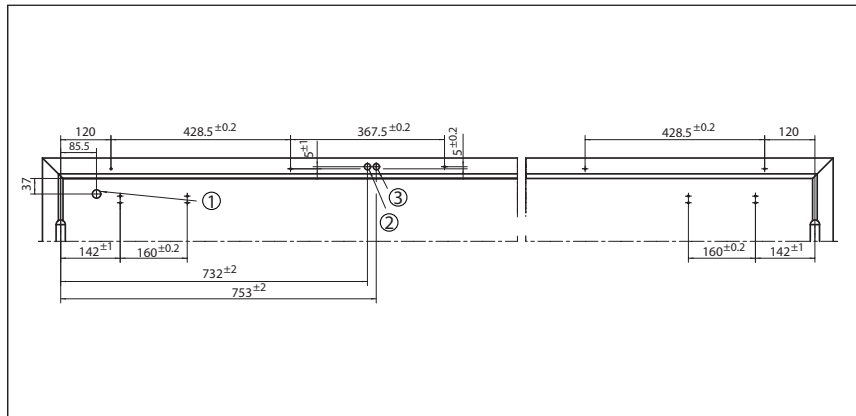
Fitting dimensions right-hand leaf = active leaf, left-hand leaf = fixed leaf

- 1 = Ø 15 with concealed Power supply cable 24 V
- 2 = Ø 15 230 V AC
- 3 = Ø 15 Power supply cable TS 5000 E-HY 24 V

Mounting with mounting plate



Section = mounting with mounting plate

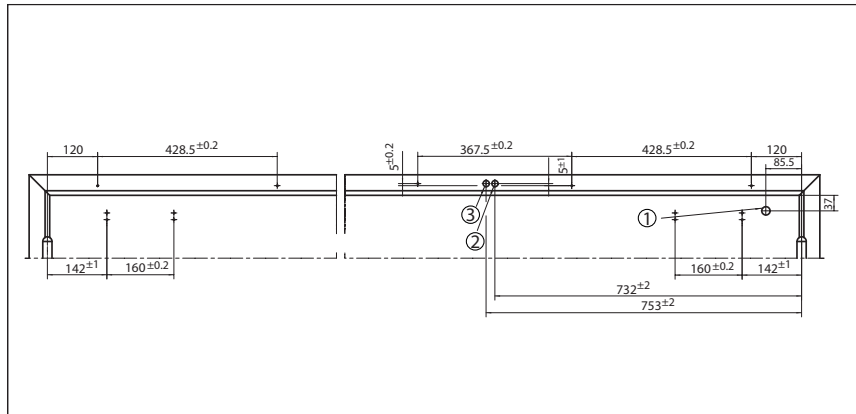


Fitting dimensions left-hand leaf = active leaf, right-hand leaf = fixed leaf

1 = Ø 15 with concealed Power supply cable 24 V

2 = Ø 15 230 V AC

3 = Ø 15 Power supply cable TS 5000 E-HY 24 V



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

1 = Ø 15 with concealed Power supply cable 24 V

2 = Ø 15 230 V AC

3 = Ø 15 Power supply cable 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 opening damping (without guide rail and lever)	silver-coloured	027333
	dark bronze	027334
	white RAL 9016	027335
	simulated satinless steel ¹⁾	137721
	acc. to RAL ²⁾	027336
GEZE TS 5000 E-HY Closer Size EN 2-5, door leaf installation on the hinge side, with electrical hold-open for freeswing function (without 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
Mounting material		
Mounting plate guide rail 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 Smoke switch RS 5 for ceiling or lintel installation	silver-coloured	027052
	dark bronze	028939
	white RAL 9016	028940
	simulated satinless steel ¹⁾	028942
	acc. to RAL ²⁾	028941
GEZE Smoke switch type 142 Complete with base, 24V DC	white	091273
GEZE Circuit breaker with glass pane and 5 interchangeable labels Flush-mounted version for the manual triggering of electrically controlled hold-open devices	alpine white	120880
GEZE Circuit breaker Flush-mounted version for the manual triggering of electrically controlled hold-open devices	alpine white	116266
Box for surface mounting, single suitable for the AS500 switch range		120503
Replacement glass pane for GEZE circuit breaker 120880		010994

1) Only for dry rooms

2) Surcharge for RAL special colours, see General Notes

GEZE T-Stop guide rail

Opening restrictor for doors with door closers or pivot bearing

The GEZE T-Stop guide rail allows doors to be fitted without any door stops getting in the way.* The entrance becomes more aesthetic because the "hazard of stumbling" and dirt traps caused by door stops fitted to the floor will belong to 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 GEZE T-Stop guide rail has been designed for the overhead door closers GEZE TS 5000, TS 5000 L and TS 3000 V and is made of specially reinforced aluminium profile with an integrated limiting mechanism. The limit position can be freely 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 GEZE 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 GEZE T-Stop guide rail. The self-closing characteristic does not apply in this case.

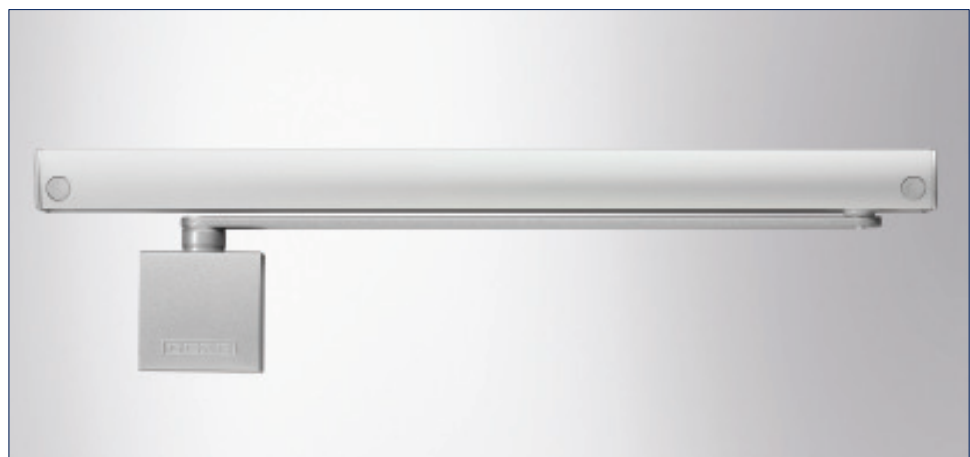
GEZE T-Stop guide rail for overhead door closers



Area of application

- 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



Area of application

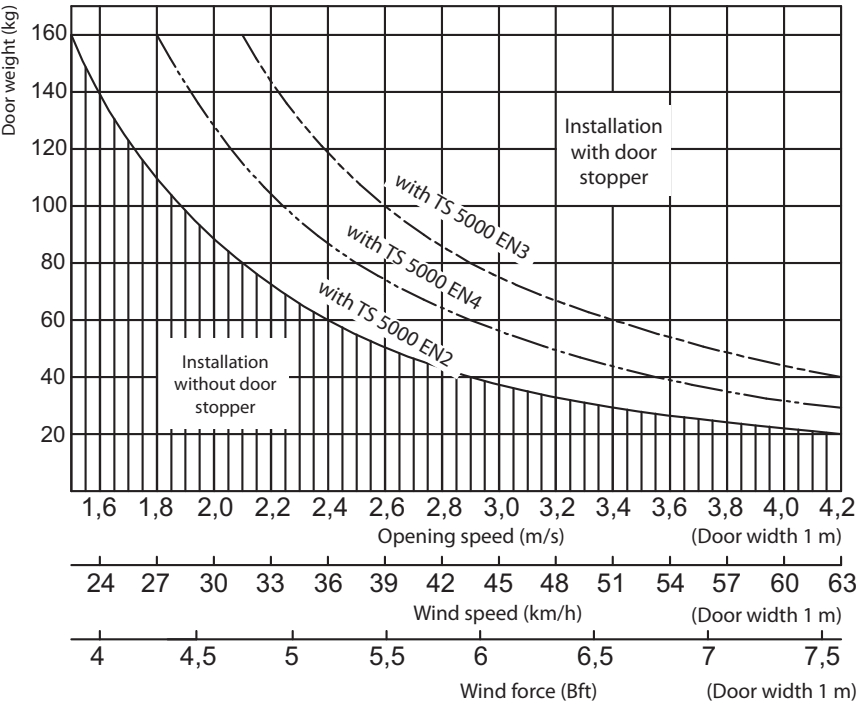
- Opening restrictor for single-action doors without door closers
- For doors mounted on the right and left, for leaf and transom installation on the hinge side and opposite hinge side

* in certain cases a door stopper has to be used in addition (see diagram on the next page)

GEZE TS 3000 V / SYSTEM TS 5000

Technical data for pivot bearing

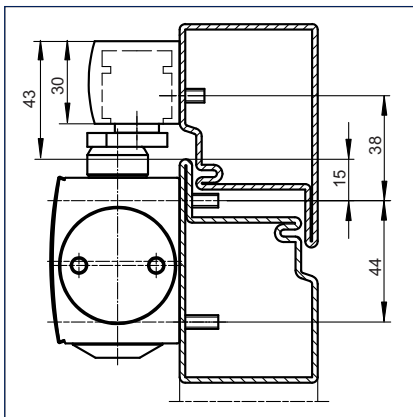
Product features	Pivot bearing for GEZE T-Stop guide rail
Length	60 mm
Overall depth	35 mm
Height	60 mm



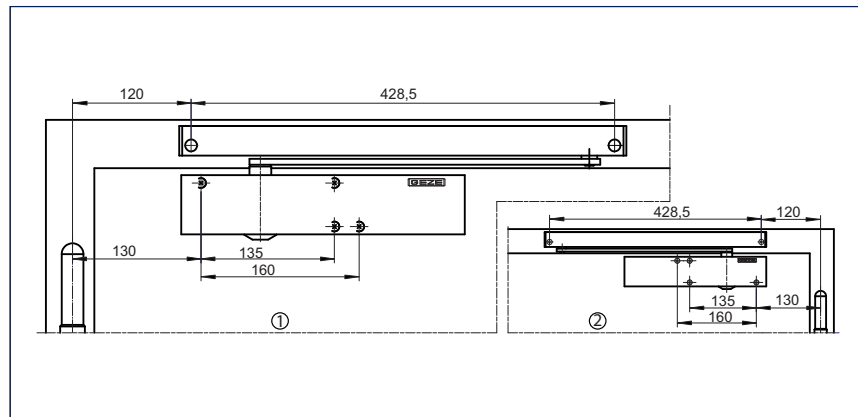
TS 5000 with T-Stop-guide rail, Messe Stuttgart

GEZE TS 3000 V / SYSTEM TS 5000

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

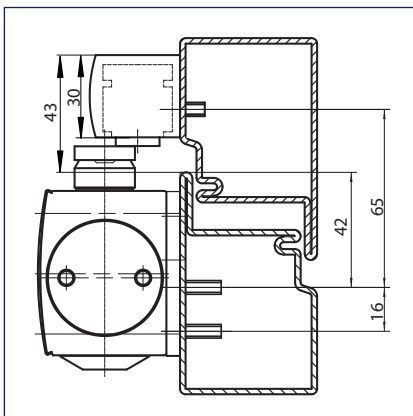


Cross-section = Direct installation

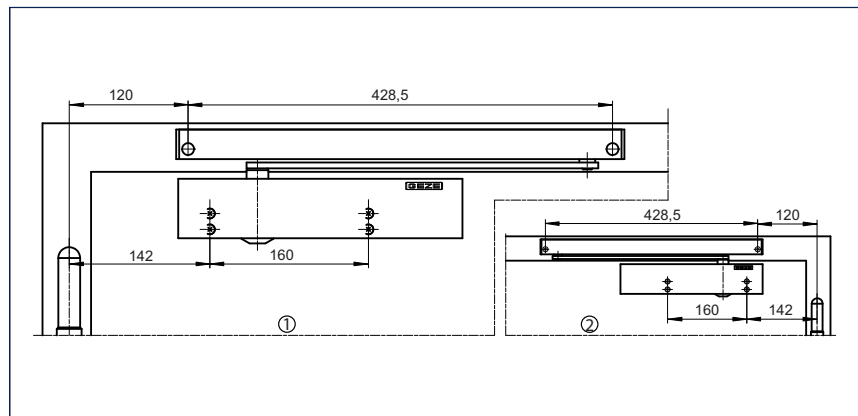


- 1 = Stop dimensions DIN left
2 = DIN right

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

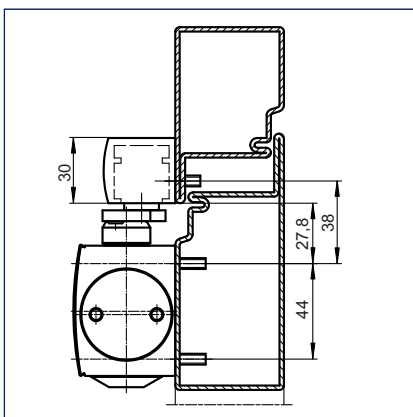


Cross-section = installation with mounting plate

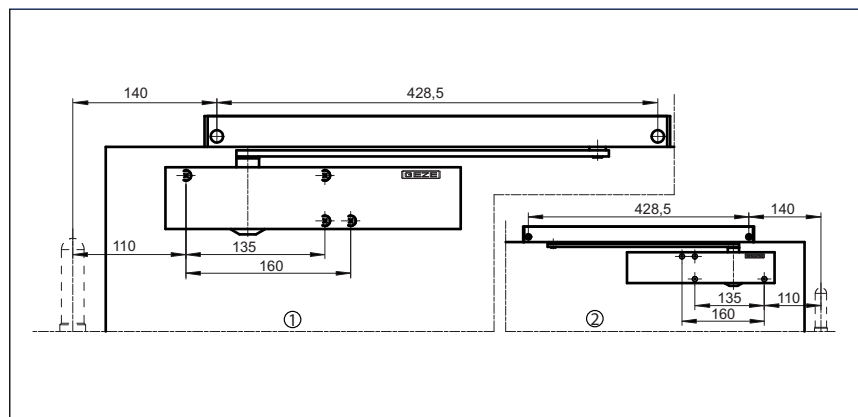


- 1 = Stop dimensions DIN left
2 = DIN right

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



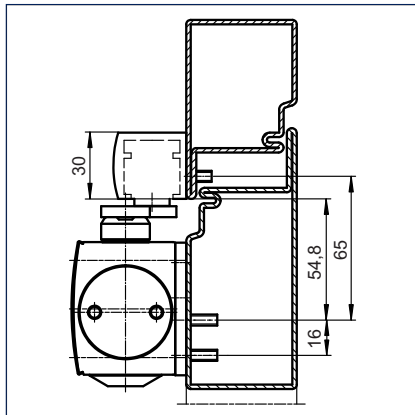
Cross-section = Direct installation



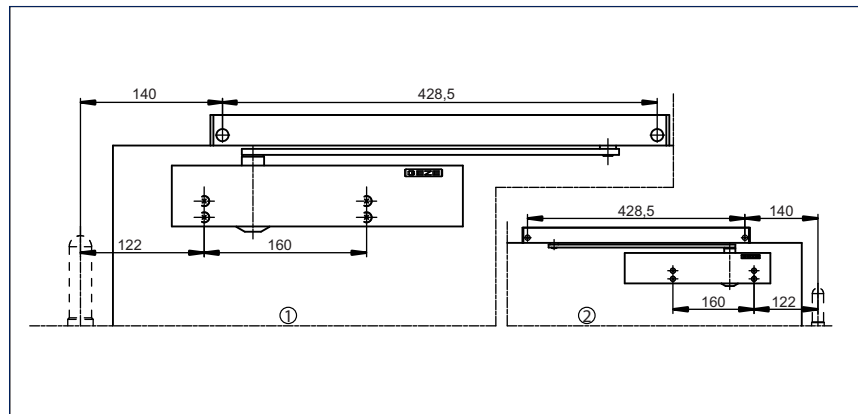
- 1 = Stop dimensions DIN right
2 = DIN left

GEZE TS 3000 V / SYSTEM TS 5000

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

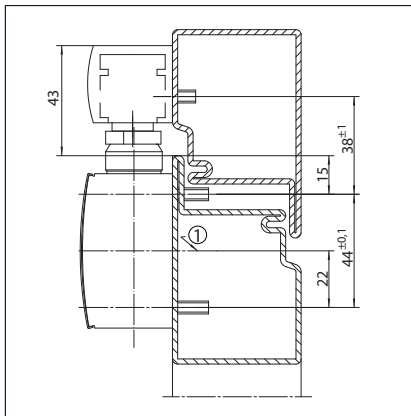


Cross-section = installation with mounting plate



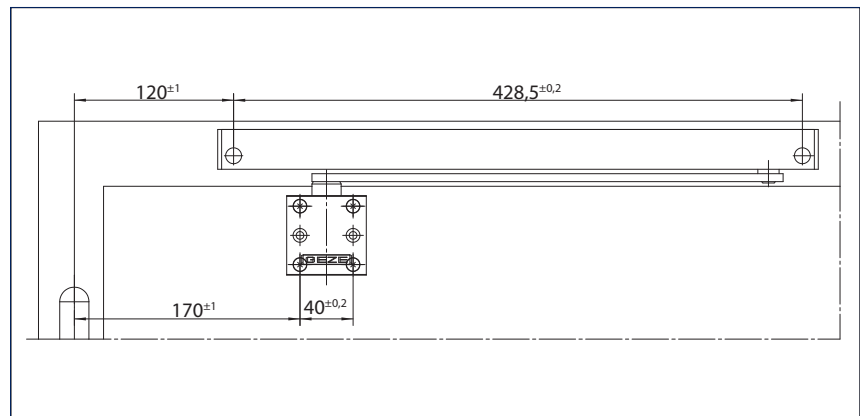
- 1 = Stop dimensions DIN right
2 = DIN left

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

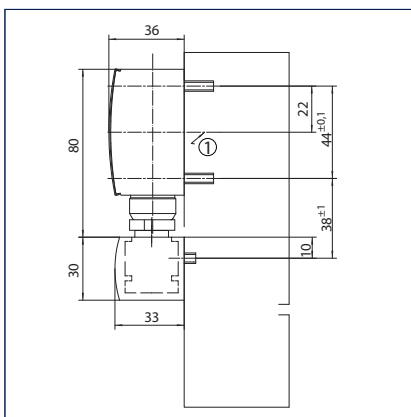


Cross-section = Direct installation

- 1 = optional

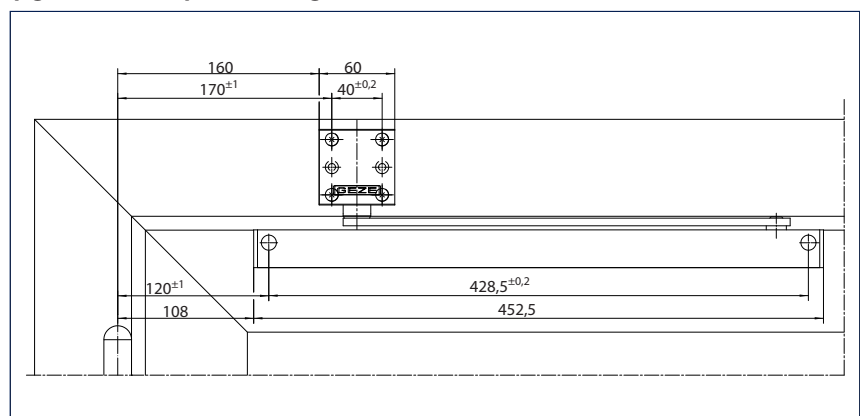


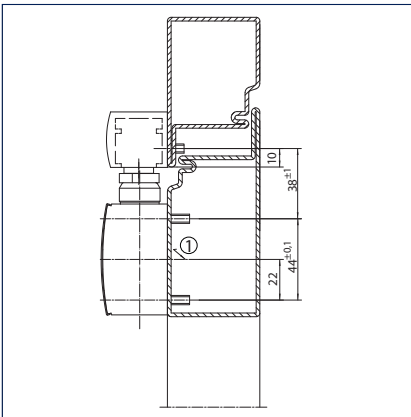
Transom installation/hinge side GEZE T-Stop guide rail with pivot bearing



Cross-section = Direct installation

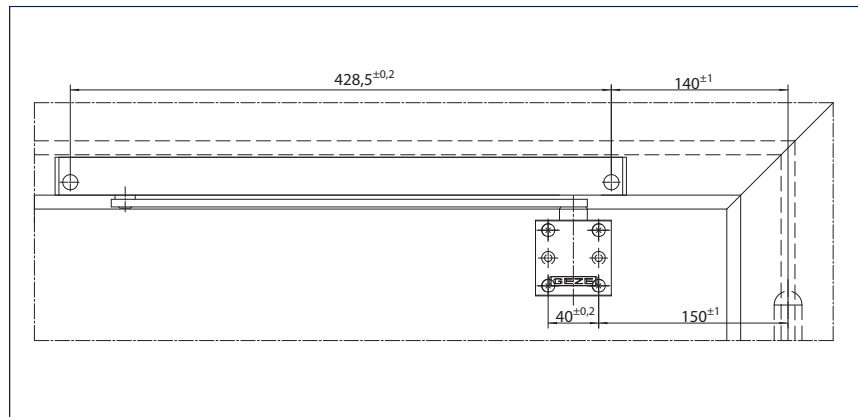
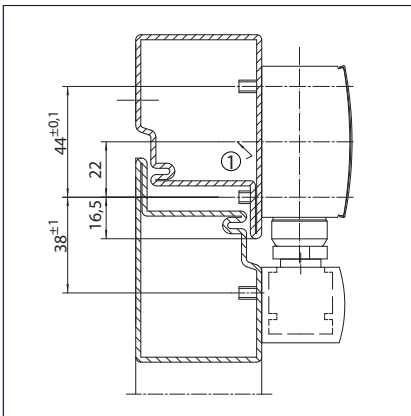
- 1 = optional



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

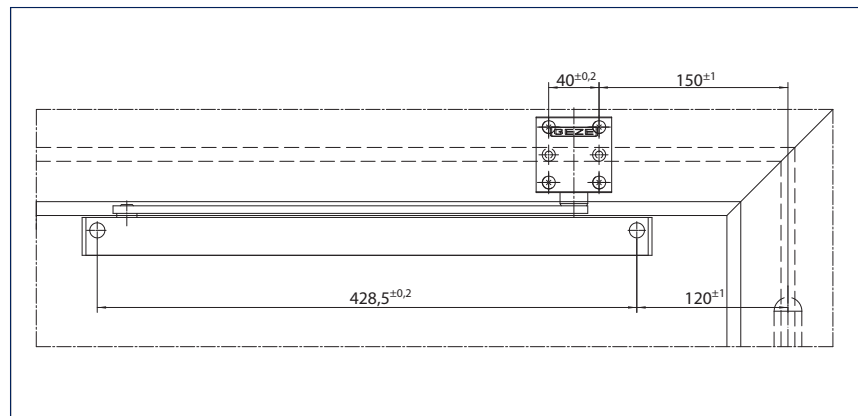
Cross-section = Direct installation

1 = optional

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

Cross-section = Direct installation

1 = optional



GEZE TS 3000 V / SYSTEM TS 5000

GEZE T-Stop-guide rail - Ordering information

Description	Version	ID.No.
T-Stop guide rail TS 5000/TS 3000 with integrated opening restrictor and lever	silver-coloured	102363
	white RAL 9016	108481
	simulated satinless steel ¹⁾	102364
	acc. to RAL ²⁾	102365
T-Stop guide rail BG TS 5000/TS 3000 with integrated opening restrictor and lever, use with closer on Leaf installation opposite hinge side or for pivot bearing on the opposite hinge side in transom and leaf installation	silver-coloured	102366
	white RAL 9016	108482
	simulated satinless steel 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
Mounting material		
Mounting plate guide rail BG for standard / T-Stop / EFS guide rail	silver-coloured	124683
	acc. to RAL ²⁾	124684
Mounting plate guide rail for standard / T-Stop / EFS guide rail	silver-coloured	001512
	white RAL 9016	129252
	acc. to RAL	104515
Lintel casing bracket guide rail BG for T-Stop guide rail	silver-coloured	115006
	acc. to RAL ²⁾	115007

¹⁾ Only for dry rooms

²⁾ Surcharge for RAL special colours, see General Notes



TS 5000 with T-Stop guide rail, Catholic Church Administration Building, Stuttgart/Germany

GEZE Smoke switch control unit RSZ6

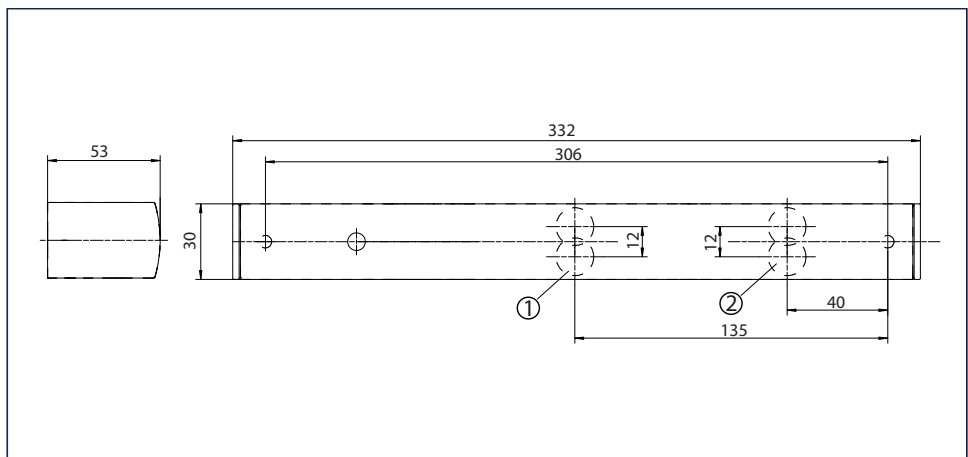
Smoke switch and power supply for all GEZE hold-open devices

The GEZE smoke switch control unit RSZ6 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 RSZ6



GEZE smoke switch control unit RSZ6

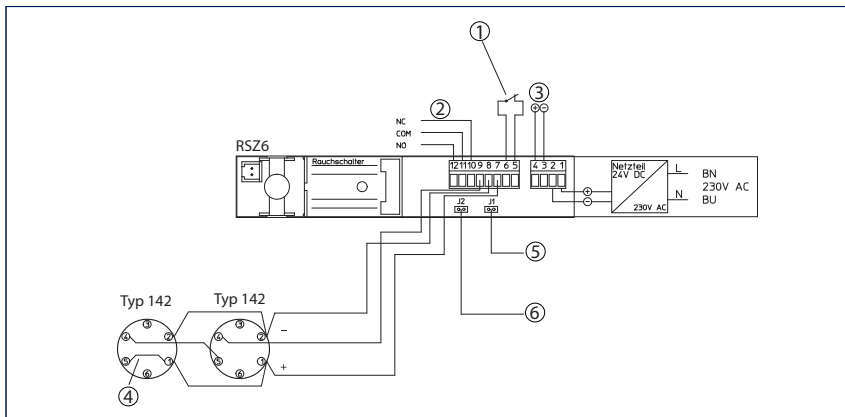


- 1 = Additional connections
- 2 = Power supply flush-mounted 230 V AC

Area of application

- Approved for use with all GEZE hold-open devices

Connection diagram



RSZ6 with ceiling-mounted alarm type 142

Legend

- 1 = Circuit breaker
- 2 = Potential-free alarm contact max. 24 V, 1 A
- 3 = Output for hold-open device, max. 200 mA switched through smoke switch 24 V DC
- 4 = Bridge 1-5
- 5 = Jumper 1, black (remove when circuit breaker is connected)
- 6 = Jumper 2, red (remove when additional smoke switch is connected)



Pflegeheim Zamenhof, Stuttgart

GEZE Smoke switch control unit RSZ6 - Ordering information

Description	Version	ID.No.
GEZE Smoke switch control unit RSZ6 Smoke switch and power supply for all GEZE hold-open devices	silver-coloured	099851
	dark bronze	099857
	white RAL 9016	099858
	simulated satinless steel ¹⁾	099856
	acc. to RAL ²⁾	099859
Accessories		
GEZE Smoke switch RS 5 for ceiling or lintel installation	silver-coloured	027052
	dark bronze	028939
	white RAL 9016	028940
	simulated satinless steel ¹⁾	028942
	acc. to RAL ²⁾	028941
GEZE Smoke switch type 142 Complete with base, 24V DC	white	091273
GEZE Circuit breaker with glass pane and 5 interchangeable labels Flush-mounted version for the manual triggering of electrically controlled hold-open devices	alpine white	120880
GEZE Circuit breaker Flush-mounted version for the manual triggering of electrically controlled hold-open devices	alpine white	116266
Box for surface mounting, single suitable for the AS500 switch range		120503
Replacement glass pane for GEZE circuit breaker 120880		010994

1) Only for dry rooms

2) Surcharge for RAL special colours, see General Notes

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 the event 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

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