



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



TABLE OF CONTENTS

Overview - GEZE System TS 5000	4
Overhead door closers for single-leaf doors	
GEZE TS 1500 G	6
GEZE TS 3000 V	10
GEZE TS 5000	18
GEZE TS 5000 E	27
GEZE TS 5000 R	34
Overhead door closers with freeswing function	
GEZE TS 5000 EFS	41
GEZE TS 5000 RFS	46
Overhead door closer systems for double-leaf doors	
GEZE TS 5000 ISM	51
GEZE TS 5000 ISM-EFS	57
GEZE TS 5000 E-ISM	62
GEZE TS 5000 R-ISM	70
GEZE TS 5000 R-ISM-EFS	77
Opening restrictor for doors without door closers	
GEZE T-STOP guide rail with pivot bearing	82
General product information	
Caps for GEZE door closers	85
GEZE System TS 5000 mounting options	86
General product functions and information	87
Door closer product information	88

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 the hinge side		●		●		●		●		
Frame mounted, opposite the hinge side		●	●							
Functions:										
Closing force, adjustable		●	●	●	●	●	●	●	●	●
Backcheck, adjustable		● ²⁾	●	●	●	●	●	●		
Hydraulic end stop, adjustable	●	●	●	●	●	●	●	●	●	●
Delayed closing, adjustable			● ¹⁾							
Closing speed, adjustable	●	●	●	●	●	●	●	●	●	●
Mechanical hold-open ³⁾	●	●	●	●						
Electromechanical hold-open					●	●	●	●		
Electrical hold-open for freeswing									●	●
Smoke switch control unit, integrated							●	●		●
Mechanical closing sequence control, integrated										
Freeswing function									●	●
Page	6	10	18	22	27	31	34	38	41	46

● = 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 the hinge side or opposite the hinge side (version BG)⁶⁾ Freeswing function on active leaf,
System solution consisting of 1 overhead door closer type TS 5000 EHy on the active leaf and 1 overhead door closer type TS 5000 on the fixed leaf⁷⁾ Maximum door leaf width of the active leaf

GEZE TS 3000 V / SYSTEM TS 5000

For double-leaf doors

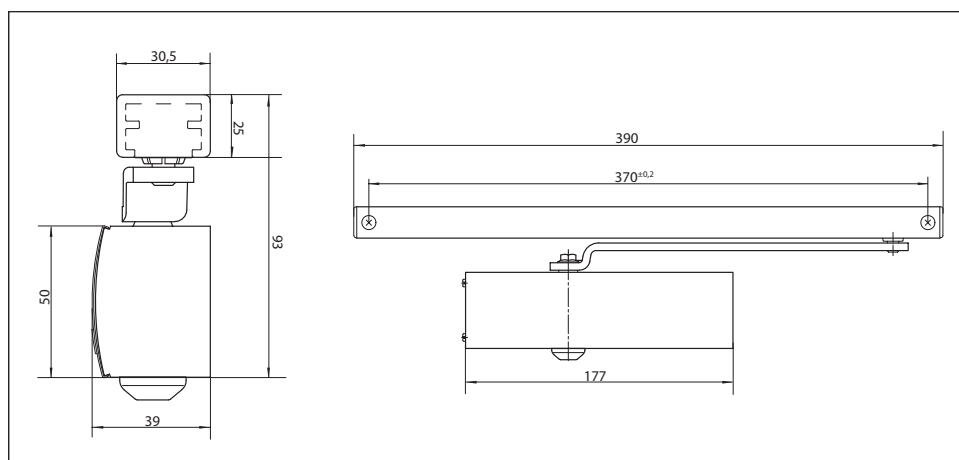
	TS 5000 ISM ⁵⁾	TS 5000 L-ISM-VP ⁵⁾	TS 5000 ISM-EFS ⁶⁾	TS 5000 E-ISM ⁵⁾	TS 5000 L-E-ISM-VP ⁵⁾	TS 5000 R-ISM ⁵⁾	TS 5000 L-R-ISM-VP ⁵⁾	TS 5000 R-ISM-EFS ⁶⁾
Approval for fire and smoke doors	●	●	●	●	●	●	●	●
Max. door leaf width (mm)	1400	1400	1250 ⁷⁾	1400	1400	1400	1400	1250 ⁷⁾
Mounting options:								
Mounting on door leaf, hinge side	●		●	●		●		●
Frame mounted, hinge side								
Mounting on door leaf, opposite the hinge side		●			●		●	
Frame mounted, opposite the hinge side								
Functions:								
Closing force, adjustable	●	●	●	●	●	●	●	●
Backcheck, adjustable	●	●		●	●	●	●	
Hydraulic end stop, adjustable	●	●	●	●	●	●	●	●
Delayed closing, adjustable								
Closing speed, adjustable	●	●	●	●	●	●	●	●
Mechanical hold-open ³⁾	●							
Electromechanical hold-open				●	●	●	●	
Electrical hold-open for freeswing			●					●
Smoke switch control unit, integrated						●	●	●
Mechanical closing sequence control, integrated	●	●	●	●	●	●	●	●
Freeswing function			●					●
Page	51	54	57	62	66	70	74	77

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 end stop are adjustable. The door closer is optionally available with a mounting plate and is suitable for both right and left-hand single-action doors without conversion.

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 EN1154	1
Recommended leaf width, up to	750 mm
Same version for left and right-hung doors	●
Product tested to	Door closer tested to EN1154
Length	177 mm
Overall depth	39 mm
Height	50 mm
Functions	
Adjustable closing force	No
Adjustable closing speed	●
Adjustable end stop	Yes, via valve
Integrated backcheck	No

Guide rail technical data:

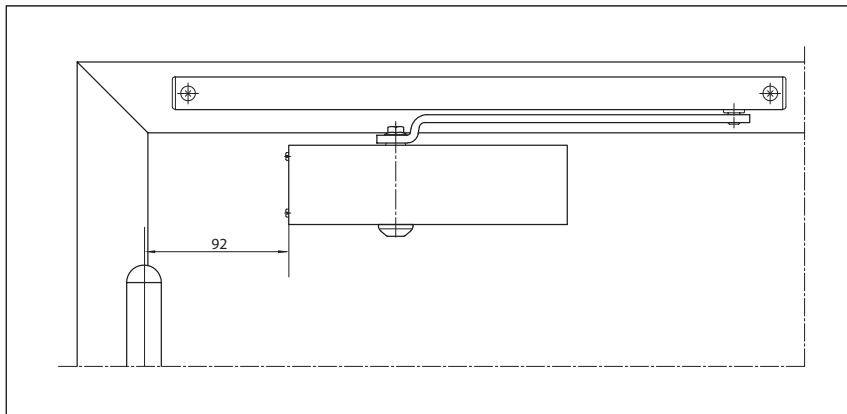
Product features	TS 1500 G guide rail	TS 1500 G/F guide rail
Length		390 mm
Overall depth		30.5 mm
Height		20.5 mm
Functions		
Integrated opening restrictor	○	○
Integrated hold-open	●	Mechanical
Hold-open can be switched on and off		●
Hold-open position can be overridden		●
Hold-open angle		80°-130°

○ = optional

● = standard

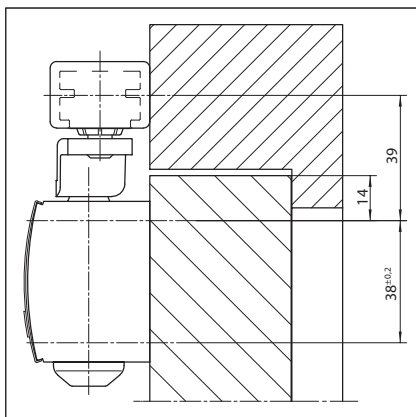
Door leaf mounting/hinge side TS 1500 G

View

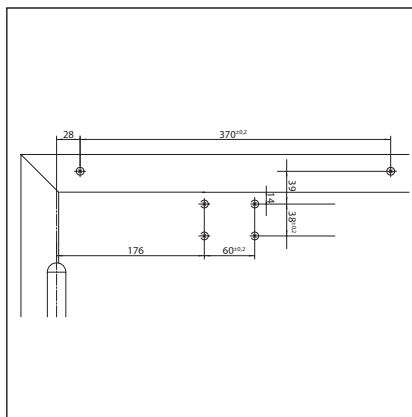


Mounting example of the GEZE TS 1500 G

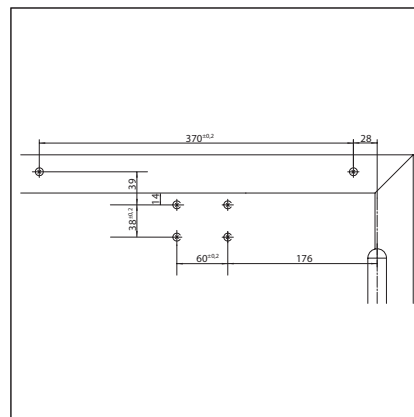
Direct mounting



Section = direct mounting

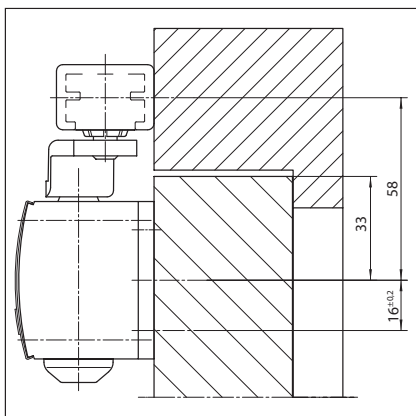


Fitting dimensions, left-hand door

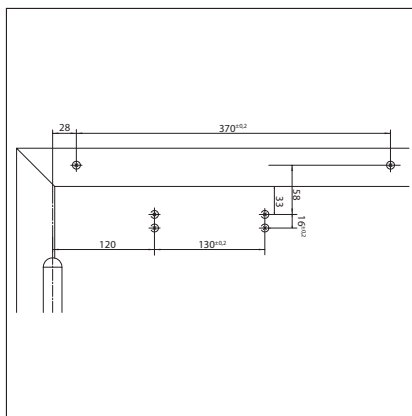


Fitting dimensions, right-hand door

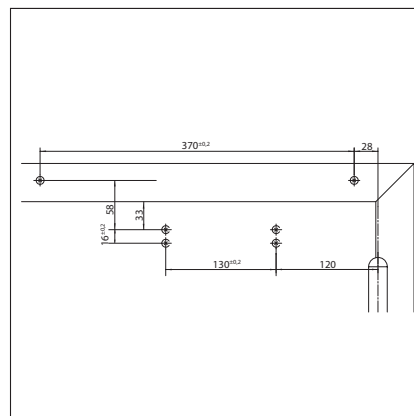
Mounting with mounting plate



Section = mounting with mounting plate



Fitting dimensions, left-hand door



Fitting dimensions, right-hand door

GEZE TS 1500 G - order information

Description	Version	ID. No.
GEZE TS 1500 G closer Size EN 1 (without guide rail and lever)	dark bronze	101793
	to RAL	101875
	silver	101792
	white RAL 9016	101794
TS 1500 G guide rail with lever	dark bronze	101886
	to RAL ¹⁾	101888
	silver	101885
	white RAL 9016	101887
TS 1500 G/F guide rail with mechanical hold-open and lever	dark bronze	101890
	to RAL ¹⁾	101892
	silver	101889
	white RAL 9016	101891
Installation materials		
Guide rail mounting plate for TS 1500 G	to RAL ¹⁾	072355
	silver	072333
Door closer mounting plate for TS 1500	dark bronze	029683
	to RAL ¹⁾	029686
	silver	029682
	white RAL 9016	029685
Accessories		
Door closer cap for TS 1500	dark bronze	080148
	to RAL	080150
	silver	080147
	white RAL 9016	080149
Mechanical hold-open unit for standard / T-STOP / Boxer 20.7 mm guide rail, adjustable holding force, can be switched on and off, can be overridden		071924

¹⁾ Additional charge for special RAL colours, see general information

GEZE TS 3000 V / SYSTEM TS 5000

GEZE TS 3000 V

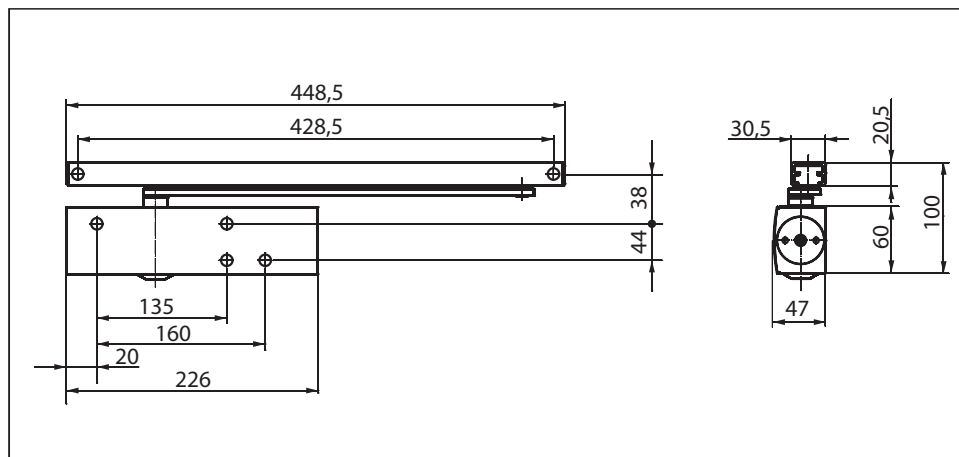
Guide rail door closer for single-leaf doors with up to 1100 mm leaf width

The TS 3000 V overhead door closer is for single-leaf 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 end stop and the thermo-controlled closing speed can be adjusted from the front.

Special versions:

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

GEZE TS 3000 V



Applications

- For single-action doors, leaf width up to 1100 mm
- Can be used for both 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 EN1154	1 - 4	1 - 4	3
Recommended leaf width, up to	1100 mm	1100 mm	950 mm
Same version for left and right-hung doors	●	●	●
Product tested to	Door closer tested to EN1154		
Fire door suitability	●	●	●
Mounting plate with hole pattern to EN1154 supplement	●	●	●
Length		226 mm	
Overall depth		46 mm	
Height		60 mm	
Functions			
Adjustable closing force	Yes, continuously	Yes, continuously	No
Adjustable closing speed	●	●	d
Adjustable end stop	Yes, via valve		
Integrated backcheck	No	Yes, hydraulically adjustable	No
Position of closing force adjustment	At the side	At the side	
Safety valve against wilful damage	●	●	●
Thermo-control valves	●	●	●

Guide rail technical data:

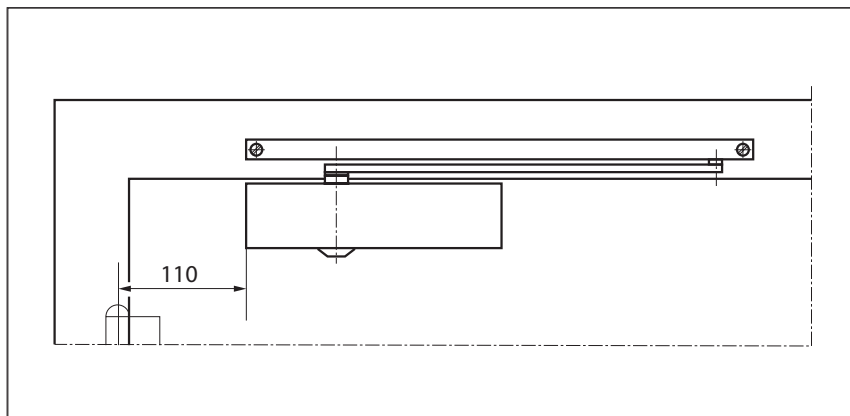
Product features	Guide rail TS 5000/3000, adjust- able height	Guide rail TS 5000/3000	T-STOP guide rail TS 5000/3000
Length	448.5 mm	448.5 mm	452.5 mm
Overall depth	30.5 mm	30.5 mm	33 mm
Height	20.5 mm	20.5 mm	30 mm
Functions			
Integrated opening restrictor	○	○	●
Integrated hold-open	○	○	○
Height correction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

○ = optional

● = standard

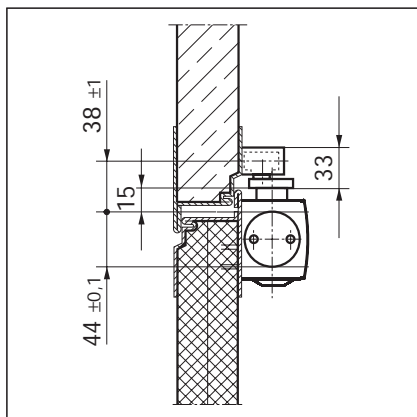
Door leaf mounting/hinge side TS 5000 V

View

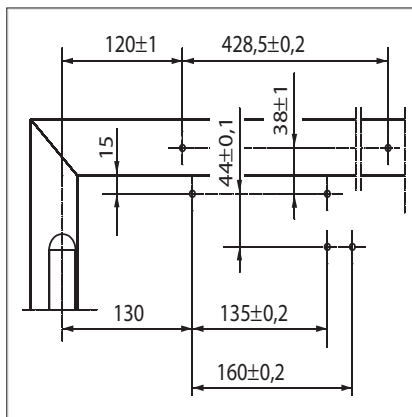


Mounting example of the GEZE TS 3000 V

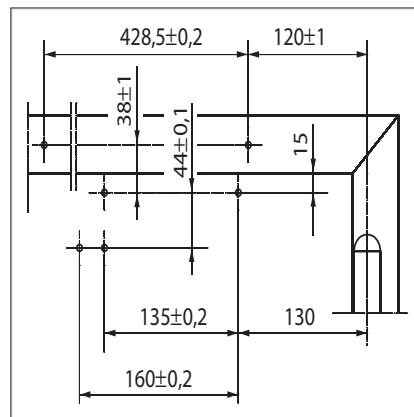
Direct mounting



Section = direct mounting

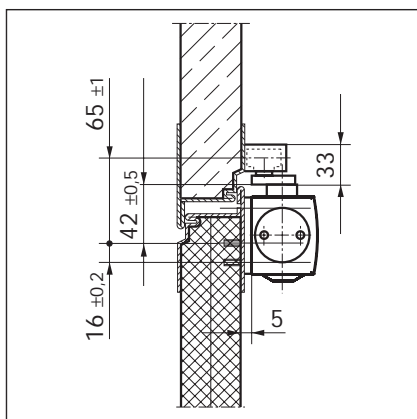


Fitting dimensions, left-hand door

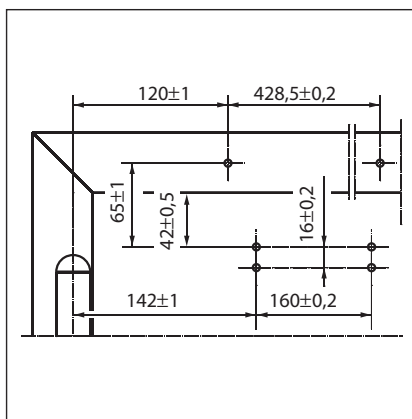


Fitting dimensions, right-hand door

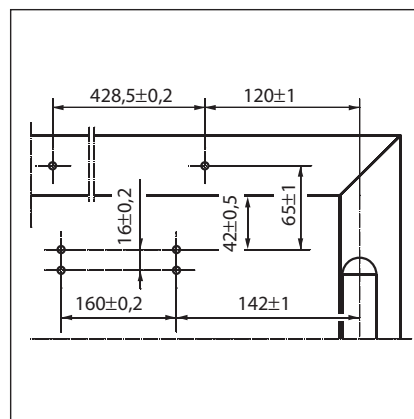
Mounting with mounting plate



Section = mounting with mounting plate



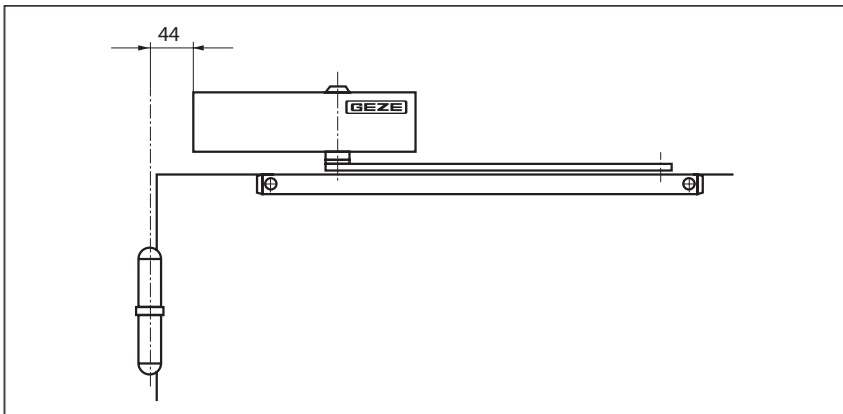
Fitting dimensions, left-hand door



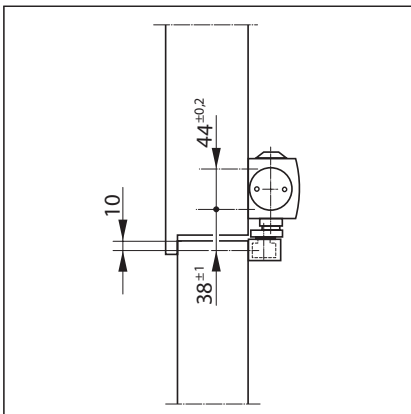
Fitting dimensions, right-hand door

Frame mounted/hinge side TS 3000 V

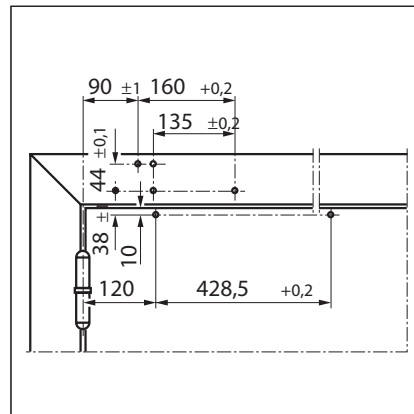
View



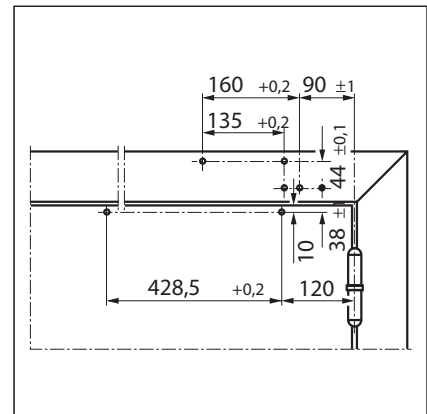
Mounting example of the GEZE TS 3000 V

Direct mounting

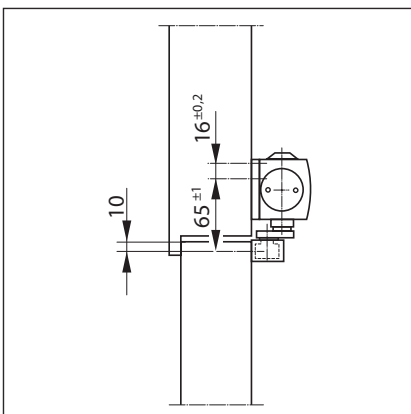
Section = direct mounting



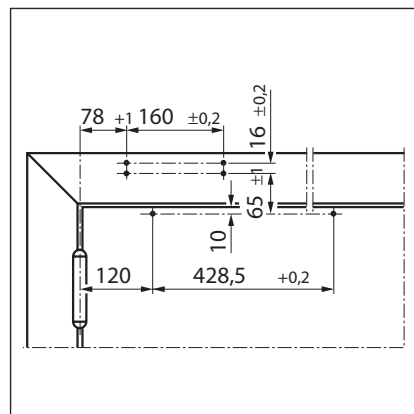
Fitting dimensions, left-hand door



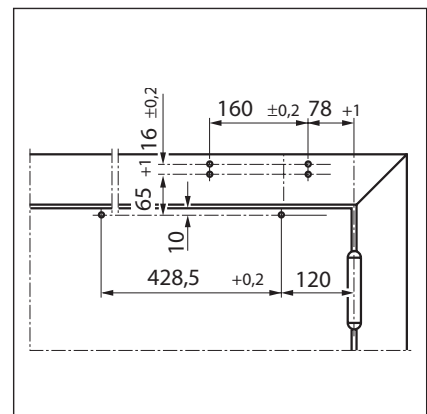
Fitting dimensions, right-hand door

Mounting with mounting plate

Section = mounting with mounting plate



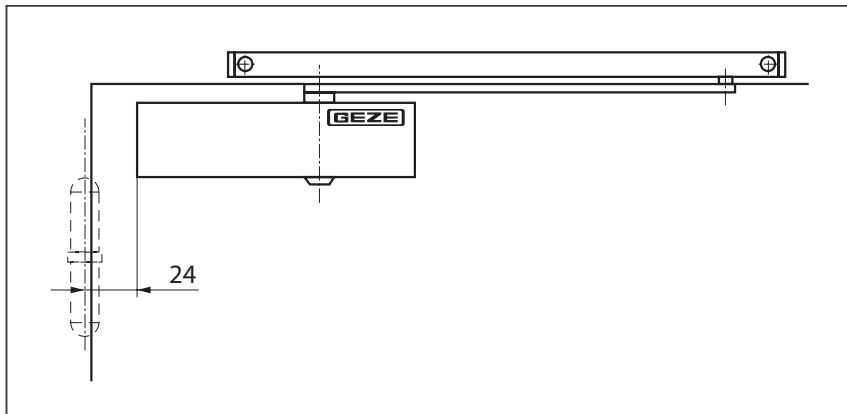
Fitting dimensions, left-hand door



Fitting dimensions, right-hand door

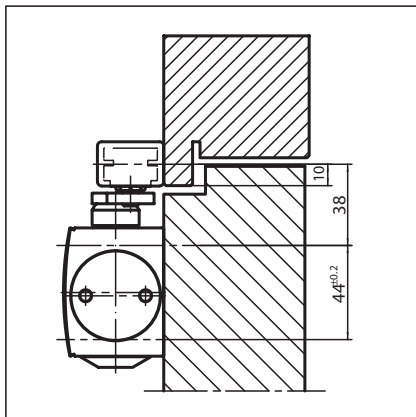
Door leaf mounting/opposite the hinge TS 3000 V

View

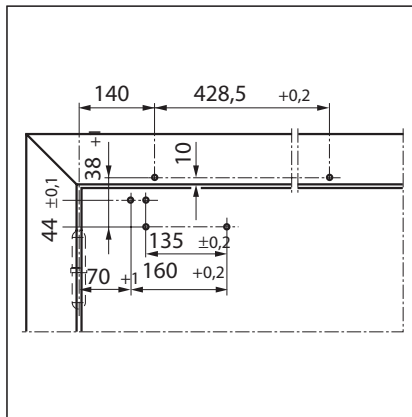


Mounting example of the GEZE TS 3000 V

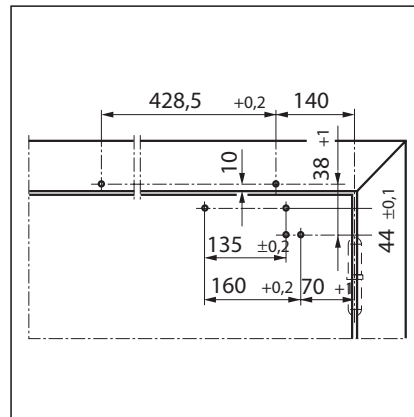
Direct mounting



Section = direct mounting

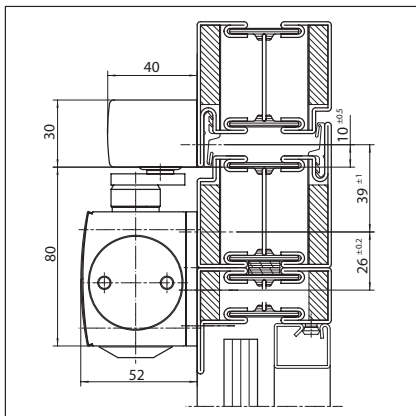


Fitting dimensions, right-hand door

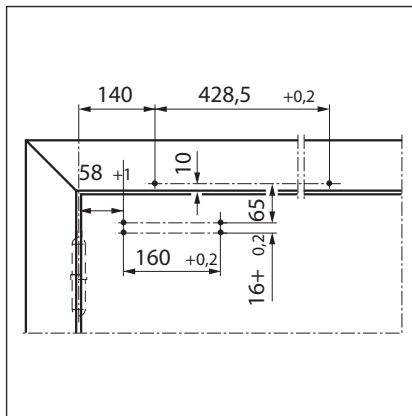


Fitting dimensions, left-hand door

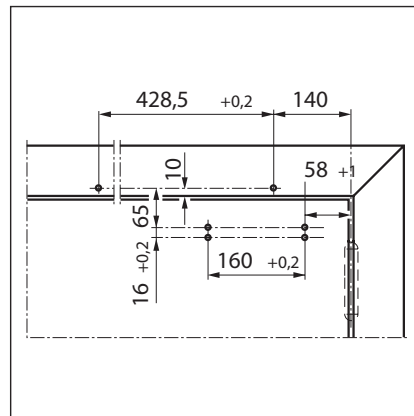
Mounting with mounting plate



Section = mounting with mounting plate



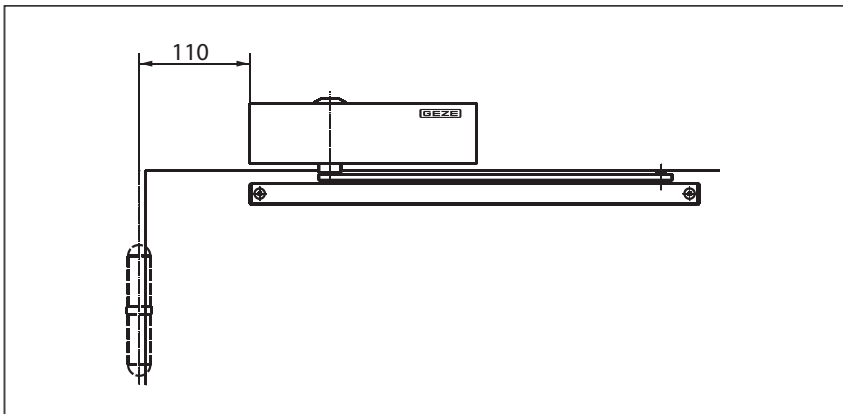
Fitting dimensions, right-hand door



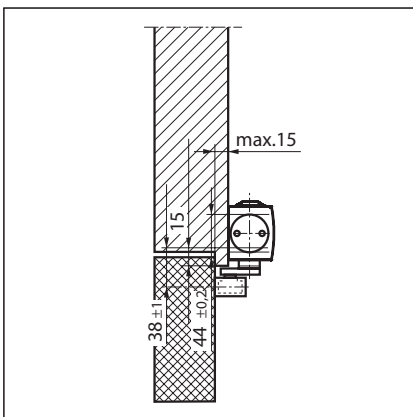
Fitting dimensions, left-hand door

Frame mounted/opposite the hinge side TS 3000 V

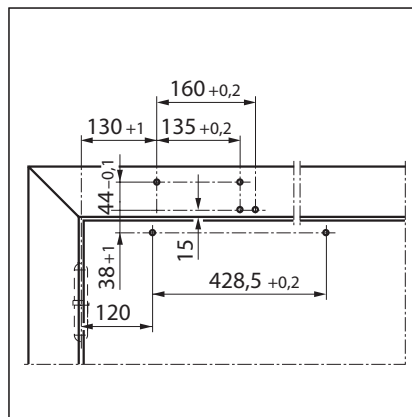
View



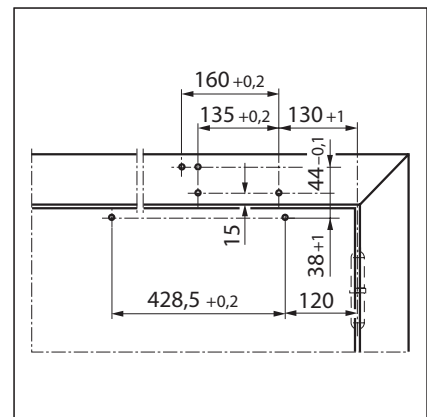
Mounting example of the GEZE TS 3000 V

Direct mounting

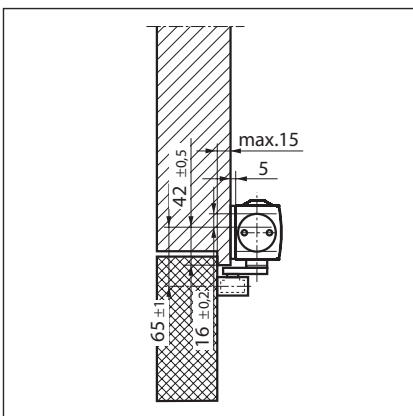
Section = direct mounting



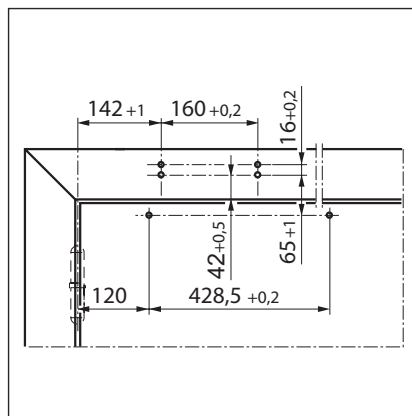
Fitting dimensions, right-hand door



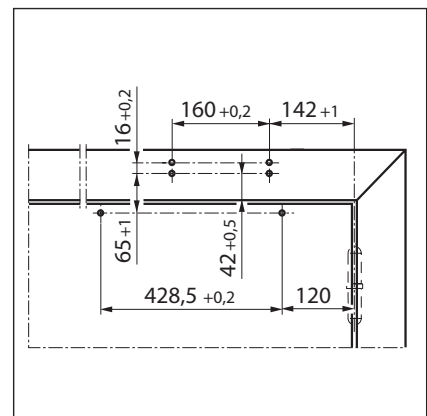
Fitting dimensions, left-hand door

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)	dark bronze	028349
	to RAL ²⁾	028351
	silver	028348
	white RAL 9016	028350
GEZE TS 3000 VBC closer Size EN 1-4 with backcheck (without guide rail and lever)	dark bronze	109327
	to RAL	109329
	silver	109326
	white RAL 9016	109328
GEZE TS 3000 EN3 closer Size EN 3 (without guide rail and lever)	dark bronze	102306
	to RAL ²⁾	102308
	silver	102247
	white RAL 9016	102307
Guide rail TS 5000/3000, adjustable height Height adjustment +/- 2 mm, with lever	to RAL ²⁾	115192
	silver	115191
Guide rail BG TS 5000/3000, adjustable height Height adjustment +/- 2 mm, with lever, use for closer mounted on leaf, side opposite hinge	to RAL ²⁾	115194
	silver	115193
Guide rail TS 5000/3000 Standard, with lever	dark bronze	068222
	to RAL ²⁾	000773
	Stainless steel effect ¹⁾	014945
	silver	068221
	white RAL 9016	015695
Guide rail BG TS 5000/3000 Standard, with lever, use for closer mounted on leaf, side opposite hinge	to RAL ²⁾	025656
	Stainless steel effect ¹⁾	028732
	silver	025655
	white RAL 9016	029404
	to RAL ²⁾	102365
T-STOP guide rail TS 5000/3000 with integrated opening restrictor and lever	Stainless steel effect ¹⁾	102364
	silver	102363
	white RAL 9016	108481
	to RAL ²⁾	102368
T-STOP guide rail BG TS 5000/3000 with integrated opening restrictor and lever, use for closer mounted on leaf, side opposite hinge	Stainless steel effect ¹⁾	102367
	silver	102366
	white RAL 9016	108482
	to RAL ²⁾	102368

GEZE TS 3000 V / SYSTEM TS 5000

Installation materials		
Door closer mounting plate for TS 3000 with drilling pattern to EN 1154 supplement 1.	silver	011230
	dark bronze	011232
	to RAL ²⁾	011234
	white RAL 9016	011233
Door closer clamping plate for glass doors for TS 3000/TS 2000 NV	dark bronze	014836
	to RAL ²⁾	014845
	white RAL 9016	014843
	silver	014835
All-glass door mounting and counter plate for TS 3000/TS 2000 NV	silver	090259
Guide rail BG mounting plate for Standard / T-STOP / EFS guide rail	to RAL ²⁾	124684
	silver	124683
Guide rail mounting plate for Standard / T-STOP / EFS guide rail	to RAL ²⁾	104515
	white RAL 9016	129252
	silver	001512
	dark bronze	030033
Lintel casing bracket, guide rail BG for standard guide rail	Stainless steel effect ¹⁾	028393
	to RAL ²⁾	025658
	silver	025657
	white RAL 9016	030034
Lintel casing bracket, guide rail BG for T-STOP guide rail	to RAL ²⁾	115007
	silver	115006
Door closer drilling template for TS 5000/4000/3000/2000		053134
Accessories		
Door closer cap for TS 3000/TS 2000	dark bronze	014849
	brass	072770
	to RAL ²⁾	014856
	Stainless steel	072769
	silver	013487
Mechanical hold-open unit for standard / T-STOP / Boxer 20.7 mm guide rail, adjustable holding force, can be switched on and off, can be overridden	white RAL 9016	014855
		071924
Flexible opening restrictor for lightweight doors for standard guide rail & Boxer 20.7 mm guide rail		069780

1) For dry rooms only

2) Additional charge for special RAL colours, see general information

GEZE TS 3000 V / SYSTEM TS 5000

GEZE TS 5000

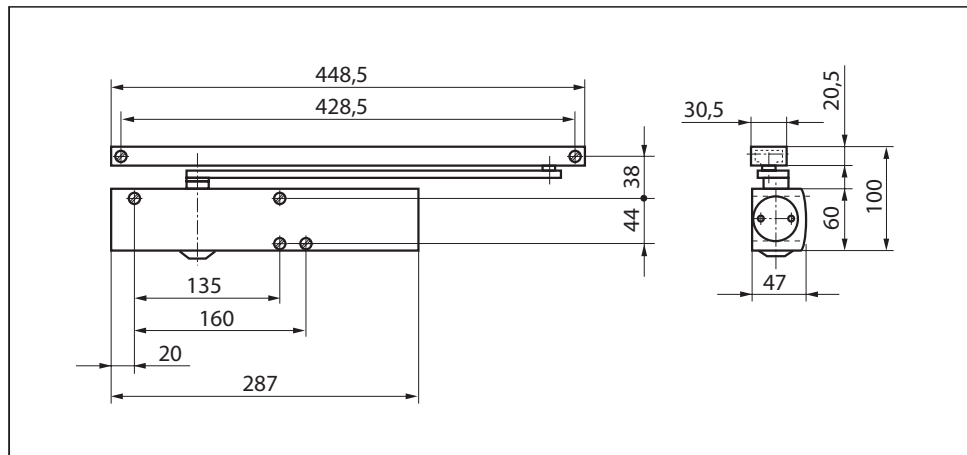
Guide rail door closer for single-leaf doors with up to 1400 mm leaf width

The TS 5000 overhead door closer stands for clear, clean lines and diverse system variations. It is for single-leaf 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, like the thermo-control closing speed, the hydraulic end stop and the backcheck can be effortlessly adjusted from the front when installed. Thanks to the visual size display the set closing force is easy to check.

Special versions:

- GEZE TS 5000 with mechanical hold-open, continuously 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



Applications

- For single-action doors, leaf width up to 1400 mm
- Can be used for both 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 EN1154		2 - 6	
Recommended leaf width, up to		1400 mm	
Same version for left and right-hung doors	●	●	●
Product tested to	Door closer tested to EN1154		
Fire door suitability	●	●	●
Mounting plate with hole pattern to EN1154 supplement	●	●	●
Length		287 mm	
Overall depth		47 mm	
Height		60 mm	
Functions			
Adjustable closing force		Yes, continuously	
Adjustable closing speed	●	●	●
Adjustable end stop		Yes, via valve	
Integrated backcheck		Yes, hydraulically adjustable	
Integrated delayed closing		●	
Position of closing force adjustment		Front	
Visual display of the closing force	●	●	●
Safety valve against wilful damage	●	●	●
Thermo-control valves	●	●	●

Guide rail technical data:

Product features	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	●		

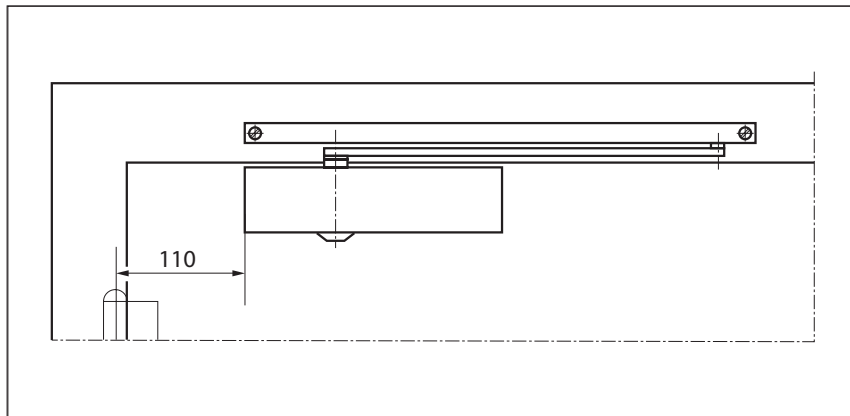
○ = optional

● = standard

GEZE TS 3000 V / SYSTEM TS 5000

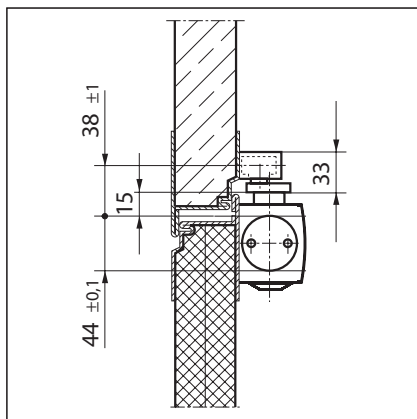
Door leaf mounting/hinge side TS 5000

View

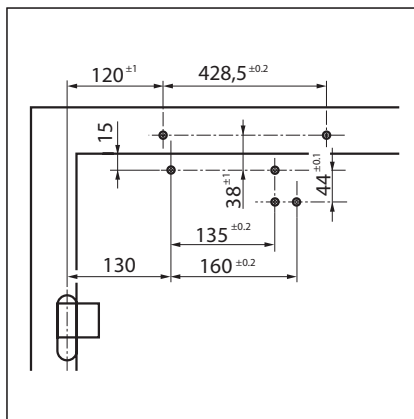


Mounting example of the GEZE TS 5000

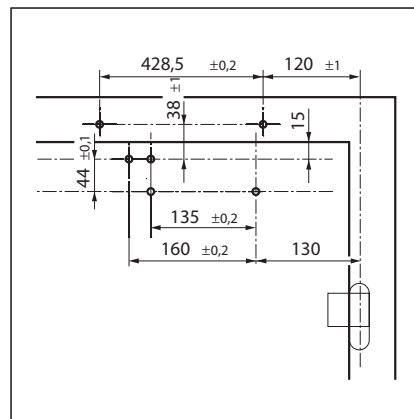
Direct mounting



Section = direct mounting

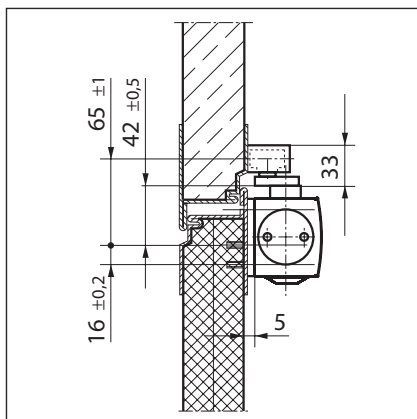


Fitting dimensions, left-hand door

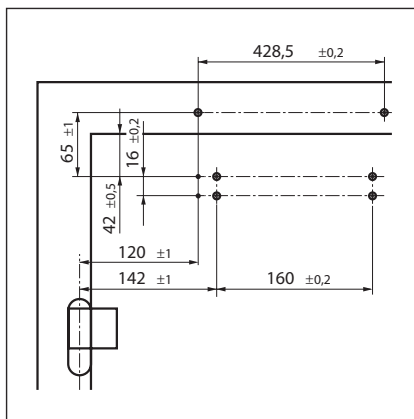


Fitting dimensions, right-hand door

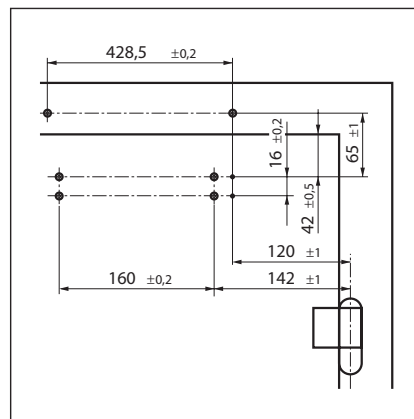
Mounting with mounting plate



Section = mounting with mounting plate

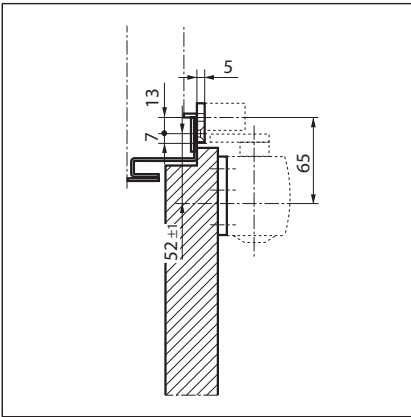


Fitting dimensions, left-hand door

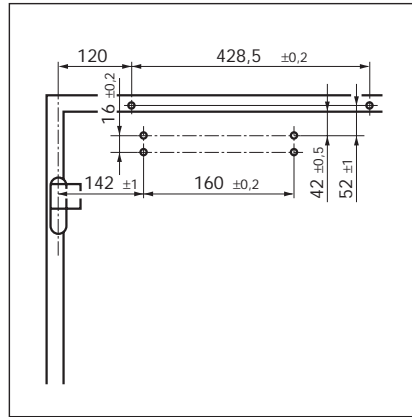


Fitting dimensions, right-hand door

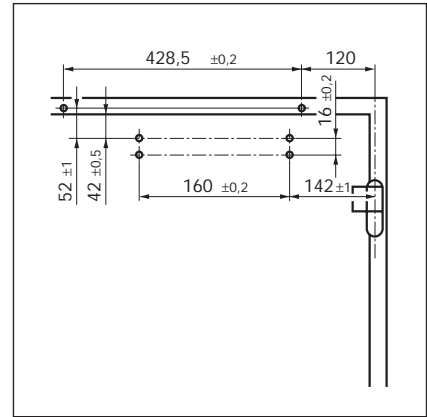
Mounting on narrow door frames



Section = mounting with mounting plate



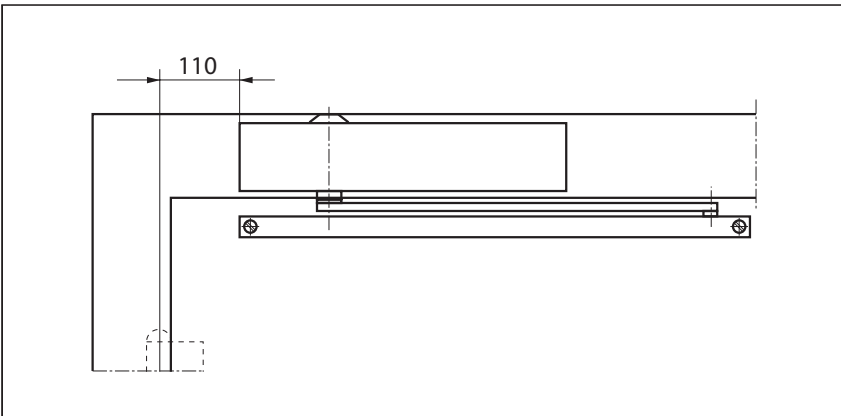
Fitting dimensions, left-hand door



Fitting dimensions, right-hand door

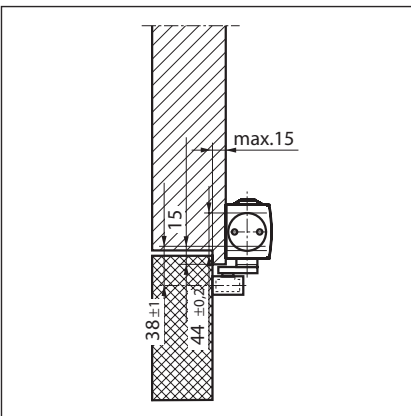
Frame mounted/opposite the hinge side TS 5000 (backcheck ineffective)

View

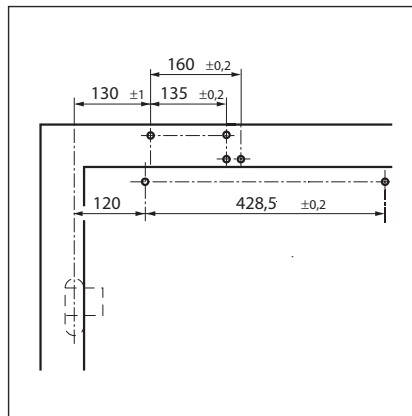


Mounting example of the GEZE TS 5000

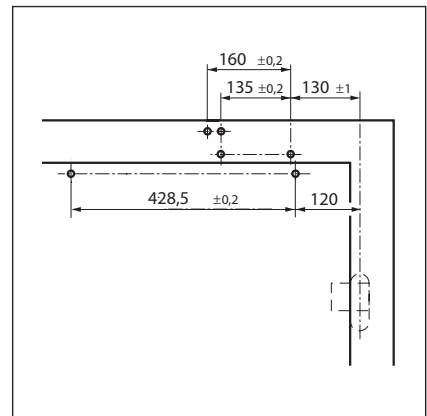
Direct mounting



Section = direct mounting

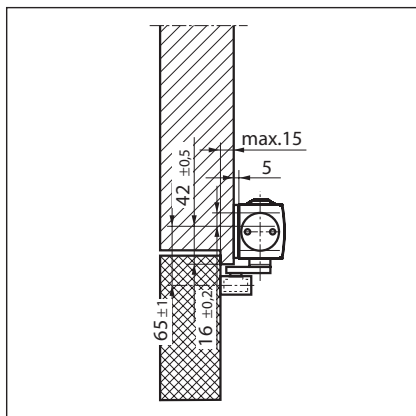


Fitting dimensions, right-hand door

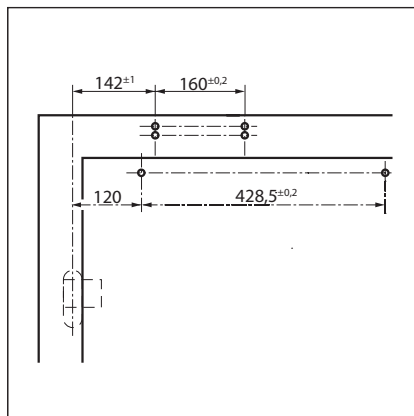


Fitting dimensions, left-hand door

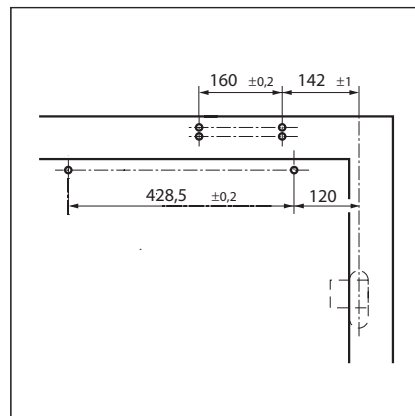
Mounting with mounting plate



Section = mounting with mounting plate



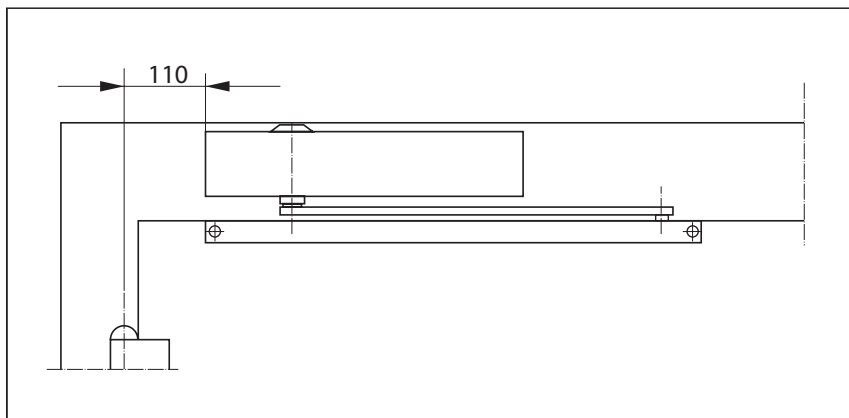
Fitting dimensions, right-hand door



Fitting dimensions, left-hand door

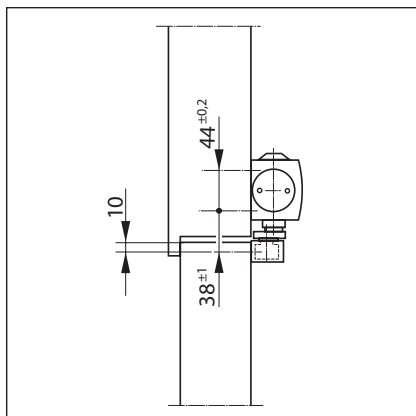
Frame mounted/hinge side TS 5000 L

View

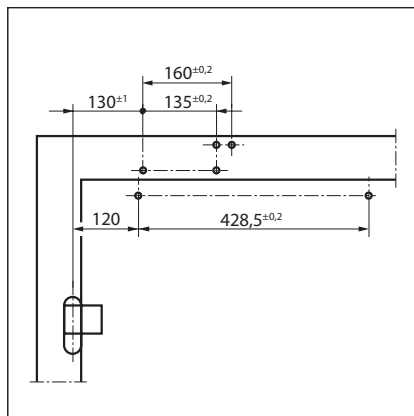


Mounting example of the GEZE TS 5000 L

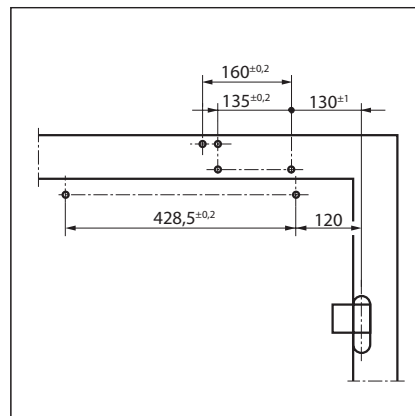
Direct mounting



Section = direct mounting

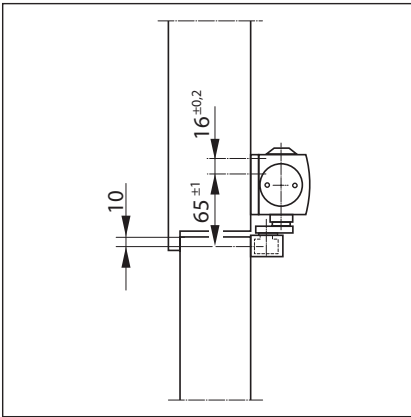


Fitting dimensions, left-hand door

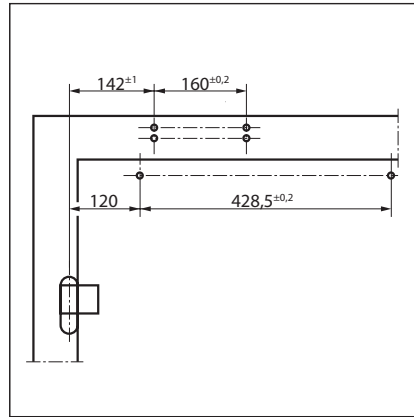


Fitting dimensions, right-hand door

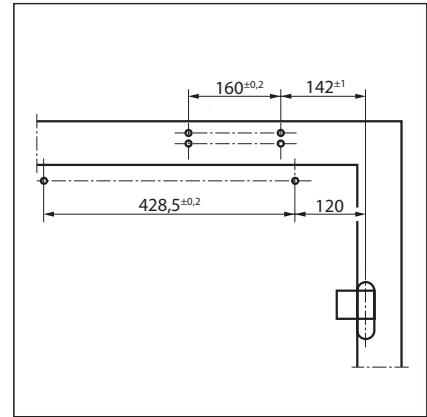
Mounting with mounting plate



Section = mounting with mounting plate



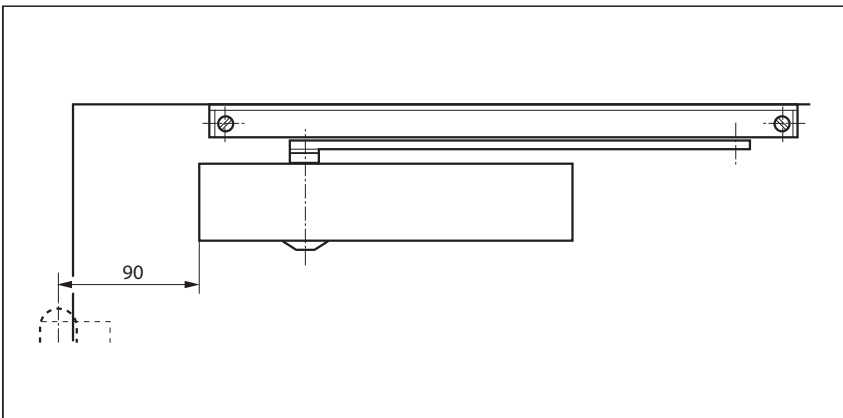
Fitting dimensions, left-hand door



Fitting dimensions, right-hand door

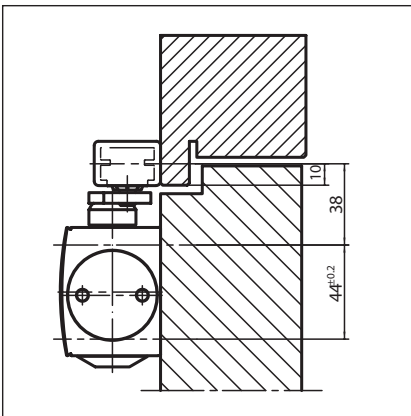
Door leaf mounting/opposite the hinge side TS 5000 L

View

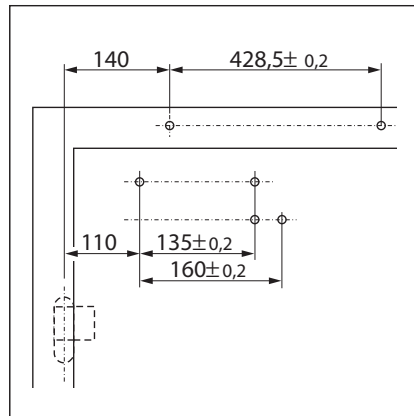


Mounting example of the GEZE TS 5000 L

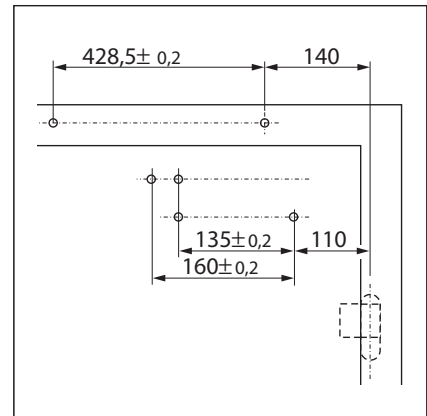
Direct mounting



Section = direct mounting

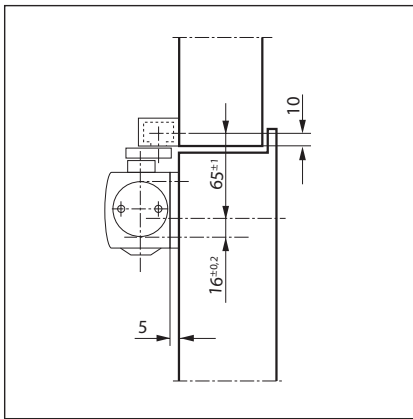


Fitting dimensions, left-hand door

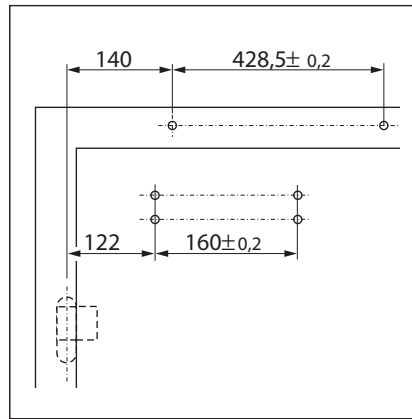


Fitting dimensions, right-hand door

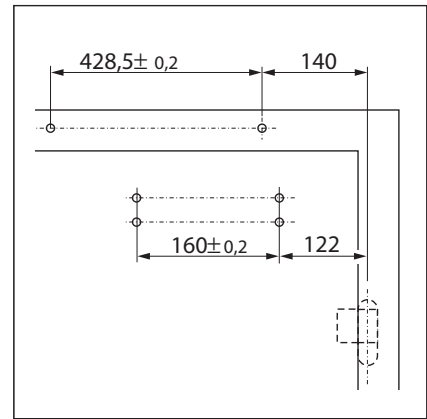
Mounting with mounting plate



Section = mounting with mounting plate

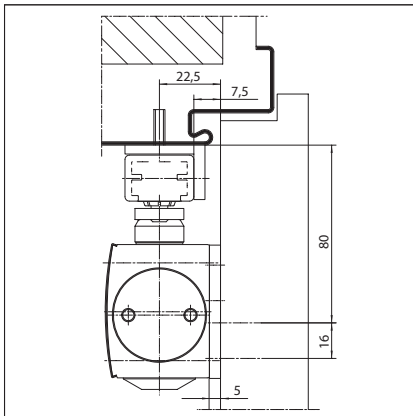


Fitting dimensions, left-hand door



Fitting dimensions, right-hand door

Mounting with lintel casing bracket



Section = mounting with mounting plate and lintel casing bracket

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 backcheck (without guide rail and lever)	dark bronze	027334
	to RAL ²⁾	027336
	white RAL 9016	027335
	silver	027333
GEZE TS 5000 S closer Size EN 2-6, with delayed closing and backcheck (without guide rail and lever)	dark bronze	107936
	to RAL ²⁾	107938
	silver	107935
	white RAL 9016	107937
GEZE TS 5000 L closer Size EN 2-6, with backcheck (without guide rail and lever)	dark bronze ²⁾	029399
	to RAL ²⁾	027352
	silver ²⁾	027351
	white RAL 9016 ²⁾	029400
Guide rail TS 5000/3000, adjustable height	to RAL ²⁾	115192
Height adjustment +/- 2 mm, with lever	silver	115191
Guide rail BG TS 5000/3000, adjustable height	to RAL ²⁾	115194
Height adjustment +/- 2 mm, with lever, use for closer mounted on leaf, side opposite hinge	silver	115193
Guide rail TS 5000/3000 Standard, with lever	dark bronze	068222
	to RAL ²⁾	000773
	Stainless steel effect ¹⁾	014945
	silver	068221
Guide rail BG TS 5000/3000 Standard, with lever, use for closer mounted on leaf, side opposite hinge	white RAL 9016	015695
	to RAL ²⁾	025656
	Stainless steel effect ¹⁾	028732
	silver	025655
T-STOP guide rail TS 5000/3000 with integrated opening restrictor and lever	white RAL 9016	029404
	to RAL ²⁾	102365
	Stainless steel effect ¹⁾	102364
	silver	102363
T-STOP guide rail BG TS 5000/3000 with integrated opening restrictor and lever, use for closer mounted on leaf, side opposite hinge	white RAL 9016	108481
	to RAL ²⁾	102368
	Stainless steel effect ¹⁾	102367
	silver	102366
	white RAL 9016	108482

GEZE TS 3000 V / SYSTEM TS 5000

TS 5000 / TS 3000 V

Overhead
door closers
with guide rail

Installation materials		
Door closer drilling template for TS 5000/4000/3000/2000		053134
Door closer clamping plate for glass doors for TS 5000/TS 4000	dark bronze	057127
	to RAL ²⁾	009494
	white RAL 9016	009491
All-glass door mounting and counter plate for TS 5000/TS 4000	silver	057126
	dark bronze	007924
	to RAL ²⁾	007926
Guide rail mounting plate for Standard / T-STOP / EFS guide rail	silver	007923
	to RAL ²⁾	104515
	white RAL 9016	129252
Door closer mounting plate for TS 5000/4000 with drilling pattern to EN 1154 supplement 1	silver	001512
	silver	049185
	dark bronze	052351
	to RAL ²⁾	029176
	galvanised	057956
Lintel casing bracket, guide rail BG for TS 5000/TS 4000	white RAL 9016	068627
	dark bronze	052352
	to RAL ²⁾	104451
Guide rail BG mounting plate for Standard / T-STOP / EFS guide rail	silver	049240
	to RAL ²⁾	124684
	silver	124683
Lintel casing bracket, guide rail BG for standard guide rail	dark bronze	030033
	Stainless steel effect ¹⁾	028393
	to RAL ²⁾	025658
	silver	025657
Lintel casing bracket, guide rail BG for T-STOP guide rail	white RAL 9016	030034
	to RAL ²⁾	115007
	silver	115006
Accessories		
Door closer cap for TS 5000/TS 4000	dark bronze	067725
	brass	072698
	to RAL ²⁾	000756
	Stainless steel	072696
	silver	067724
	white RAL 9016	067726
Mechanical hold-open unit for standard / T-STOP / Boxer 20.7 mm guide rail, adjustable holding force, can be switched on and off, can be overridden		071924
Flexible opening restrictor for lightweight doors for standard guide rail BG (riveted sliding block) & Boxer 20.7mm guide rail		069780

1) For dry rooms only

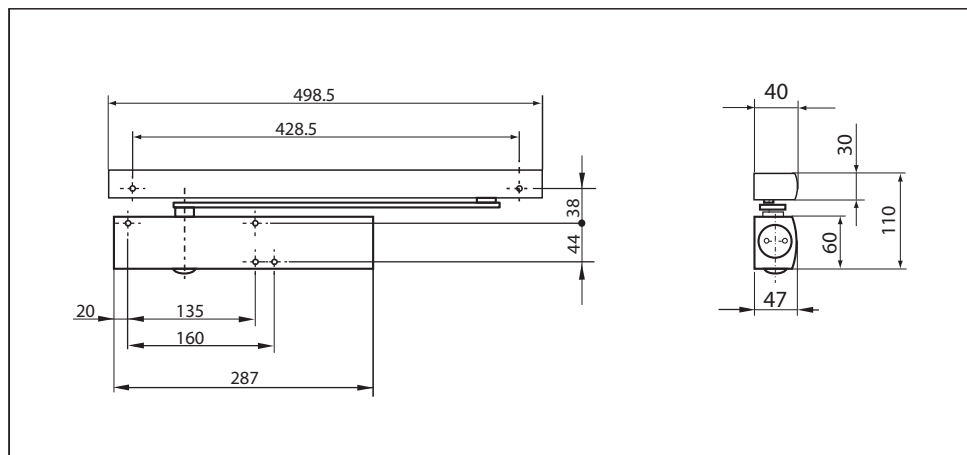
2) Additional charge for special RAL colours, see general information

GEZE TS 5000 E

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

Thanks to the electromechanical hold-open (to EN 1155) in the 30 mm low guide rail the TS 5000 E overhead door closer can be continuously adjusted to an exact point between 80° and 130°. Since this hold-open device is released in the event 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 end stop and the backcheck can be adjusted from the front. The door closer has a visual size display. The holding force of the hold-open is adjustable and the hold-open position can be overridden.

GEZE TS 5000 E



Applications

- For single-action doors, leaf width up to 1400 mm
- Can be used for both 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 L closer
Closing force to EN1154	2 - 6	
Recommended leaf width, up to	1400 mm	
Same version for left and right-hung doors	●	●
Product tested to	Door closer tested to EN1154	
Fire door suitability	●	●
Mounting plate with hole pattern to EN1154 supplement	●	●
Length	287 mm	
Overall depth	47 mm	
Height	60 mm	
Functions		
Adjustable closing force	Yes, continuously	
Adjustable closing speed	●	●
Adjustable end stop	Yes, via valve	
Integrated backcheck	Yes, hydraulically adjustable	
Position of closing force adjustment	Front	
Visual display of the closing force	●	●
Safety valve against wilful damage	●	●
Thermo-control valves	●	●

Guide rail technical data:

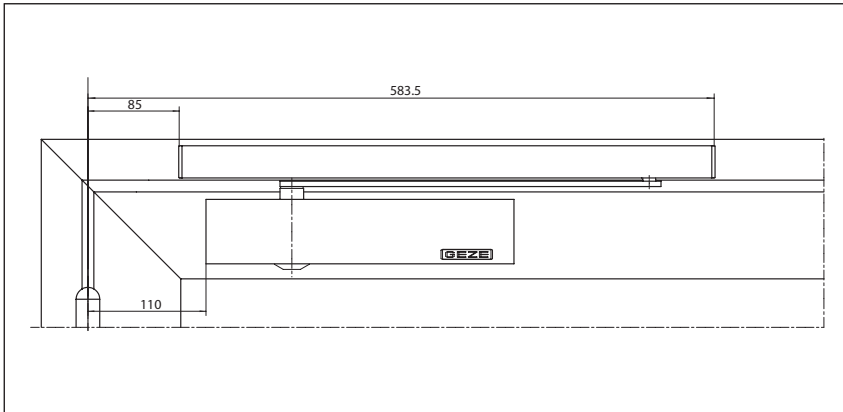
Product features	TS 5000 E-guide rail	BG TS 5000 E-guide rail
Supply voltage	24V DC	
Enclosure rating	IP 43	
Product tested to	Hold-open device tested to EN1154	
Length	498.5 mm	
Overall depth	40 mm	
Height	30 mm	
Functions		
Integrated hold-open	Electrical	
Hold-open position can be overridden	●	●
Hold-open angle	80°-130°	from 80°
Height correction possible	●	●

○ = optional

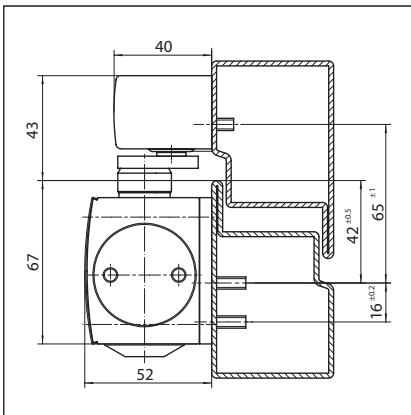
● = standard

Door leaf mounting/hinge side TS 5000 E

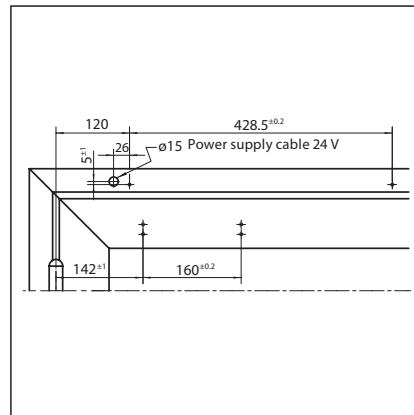
View



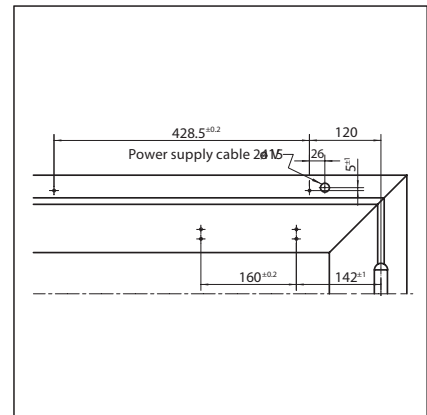
Mounting example of the GEZE TS 5000 E

Mounting with mounting plate

Section = mounting with mounting plate



Fitting dimensions, left-hand door



Fitting dimensions, right-hand door

[illegible]

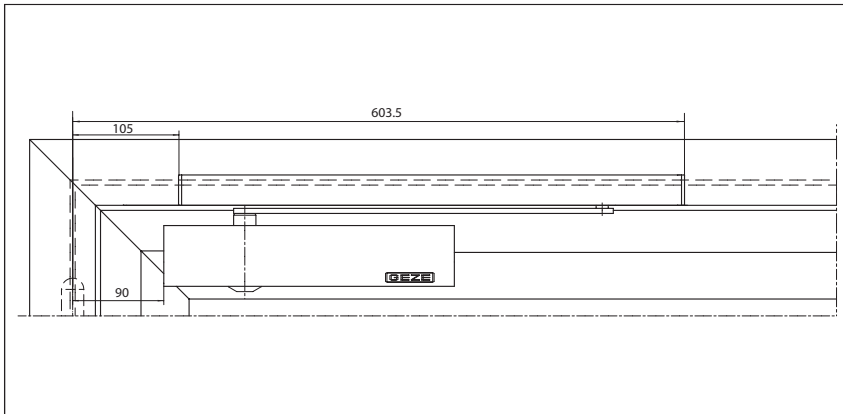
Technical drawing of the rear view of the device. The drawing shows the following dimensions and features:

- Overall width: 428.5 ± 0.2
- Distance from left edge to the start of the cable entry: 52 ± 1
- Distance from the start of the cable entry to the center of the cable entry: 16 ± 0.2
- Distance from the center of the cable entry to the center of the first internal component: 42 ± 0.5
- Distance between the centers of the two internal components: 160 ± 0.2
- Distance from the center of the second internal component to the right edge: 142 ± 1
- Distance from the right edge to the center of the cable entry: 120
- Distance from the center of the cable entry to the right edge: 26
- Distance from the center of the cable entry to the bottom edge: 5 ± 1
- Distance from the bottom edge to the center of the cable entry: 65 ± 1
- Label: "Power supply cable 2x1.5"

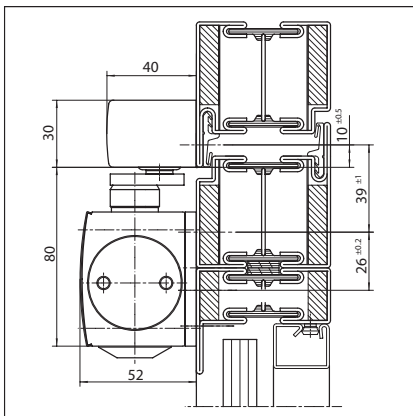
Fitting dimensions, right-hand door

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

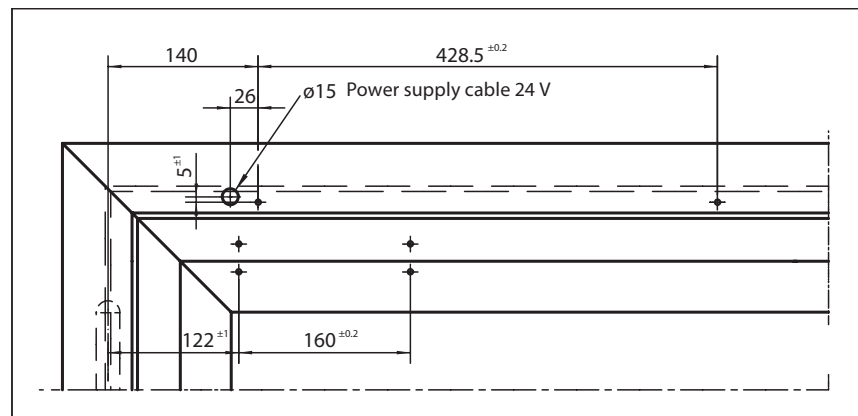
View



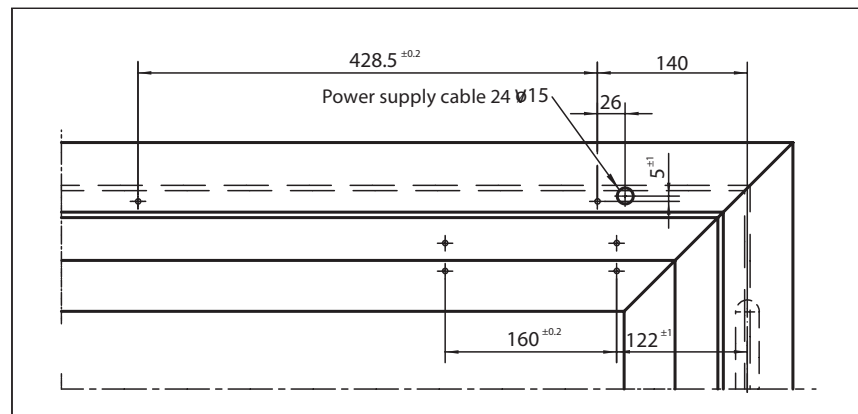
Mounting example of the GEZE TS 5000 L-E with mounting plate on a fire door

Mounting with mounting plate

Section = mounting with mounting plate



Fitting dimensions, right-hand door



Fitting dimensions, left-hand door

Technical drawing of a cable tray assembly, showing a top view and a side view. The drawing includes dimensions and labels for components.

Top View Dimensions:

- Overall length: 428.5 ± 0.2
- Distance from left end to first hole: 140
- Distance between first and second holes: 26
- Distance from second hole to end: 10
- Distance from left end to first hole (alternative dimension): 5 ± 1
- Distance from left end to first hole (alternative dimension): 122 ± 1
- Distance between two rectangular cutouts: 160 ± 0.2
- Distance from right end to last hole: 65

Side View Dimensions:

- Height of the tray: 16
- Height of the support structure: 88

Labels:

- $\varnothing 15$ Power supply cable 24 V

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 backcheck (without guide rail and lever)	dark bronze	027334
	to RAL ²⁾	027336
	white RAL 9016	027335
	silver	027333
GEZE TS 5000 L closer Size EN 2-6, with backcheck (without guide rail and lever)	dark bronze ²⁾	029399
	to RAL ²⁾	027352
	silver ²⁾	027351
	white RAL 9016 ²⁾	029400
TS 5000 E-guide rail with electrical hold-open and lever	dark bronze	116296
	to RAL ²⁾	116299
	Stainless steel effect ¹⁾	116298
	white RAL 9016	116297
BG TS 5000 E-guide rail with electrical hold-open and lever	silver	116295
	to RAL ²⁾	120072
	Stainless steel effect ¹⁾	120071
	white RAL 9016	120040
	silver	120039
Installation materials		
Door closer drilling template for TS 5000/4000/3000/2000		053134
Guide rail mounting plate for E-guide rail	to RAL ²⁾	123295
	silver	123294
Door closer mounting plate for TS 5000/4000 with drilling pattern to EN 1154 supplement 1	silver	049185
	dark bronze	052351
	to RAL ²⁾	029176
	galvanised	057956
	white RAL 9016	068627
Guide rail BG mounting plate for E-guide rail	to RAL ²⁾	123290
	silver	123289
Lintel casing bracket, guide rail BG for E-guide rail	to RAL ²⁾	123323
	silver	123322
Accessories		
Door closer cap for TS 5000/TS 4000	dark bronze	067725
	brass	072698
	to RAL ²⁾	000756
	Stainless steel	072696
	silver	067724
	white RAL 9016	067726
GEZE RSZ6 smoke switch control unit approved for all GEZE hold-open devices	Stainless steel effect ¹⁾	099856
	white RAL 9016	099858
	dark bronze	099857
	to RAL ²⁾	099859
	silver	099851
GEZE RS 5 smoke switch for mounting on ceiling and lintel	dark bronze	028939
	to RAL ²⁾	028941
	Stainless steel effect ¹⁾	028942
	silver	027052
	white RAL 9016	028940
GEZE interrupter button Concealed version, for manual release of electrically controllable door closers and retention magnets	alpine white	116266
Surface-mounted box pack		120503

1) For dry rooms only

2) Additional charge for special RAL colours, see general information

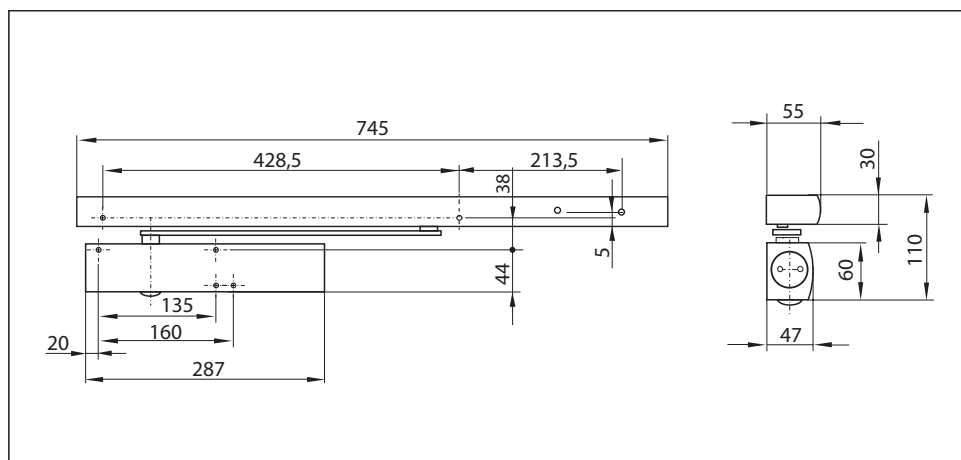
GEZE TS 3000 V / SYSTEM TS 5000

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 the event of a fire, the smoke detector activates and the door closes of its own accord. The closing force to EN 1154 size 2-6, the closing speed and the end stop are adjustable from the front, the door closer has adjustable backcheck and a visual size display. The holding force of the hold-open is adjustable and the hold-open position can be overridden. The hold-open system has national technical approval.

GEZE TS 5000 R



Applications

- For single-action doors, leaf width up to 1400 mm
- Can be used for both 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 L closer
Closing force to EN1154	2 - 6	
Recommended leaf width, up to	1400 mm	
Same version for left and right-hung doors	●	●
Product tested to	Door closer tested to EN1154	
Fire door suitability	●	●
Mounting plate with hole pattern to EN1154 supplement	●	●
Length	287 mm	
Overall depth	47 mm	
Height	60 mm	
Functions		
Adjustable closing force	Yes, continuously	
Adjustable closing speed	●	●
Adjustable end stop	Yes, via valve	
Integrated backcheck	Yes, hydraulically adjustable	
Position of closing force adjustment	Front	
Visual display of the closing force	●	●
Safety valve against wilful damage	●	●
Thermo-control valves	●	●

Guide rail technical data:

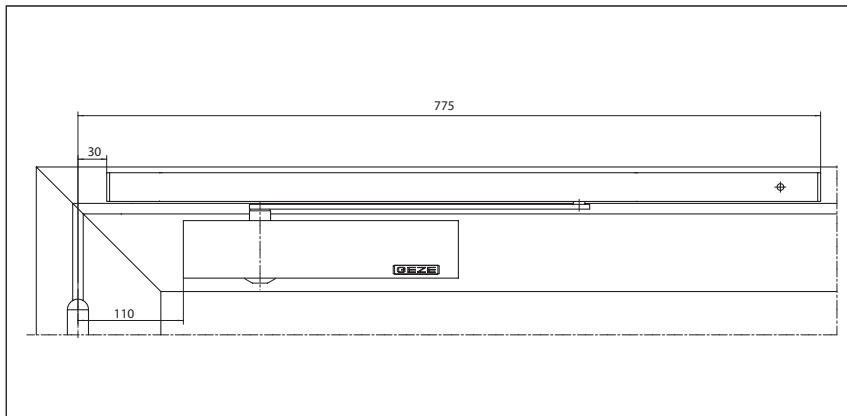
Product features	TS 5000 R-guide rail	BG TS 5000 R-guide rail
Supply voltage	230 V 50 Hz	
Enclosure rating	IP 20	
Product tested to	Hold-open device tested to EN1154 DIBt national technical approval as hold-open system	
Length	745 mm	
Overall depth	55 mm	
Height	30 mm	
Functions		
Integrated hold-open	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

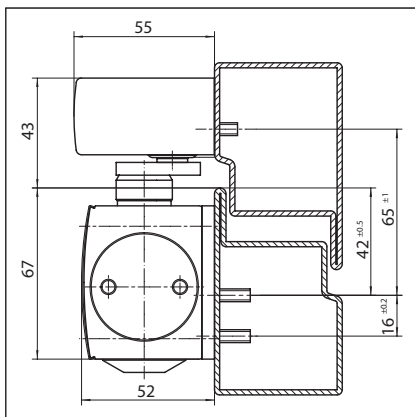
Door leaf mounting/hinge side TS 5000 R

View

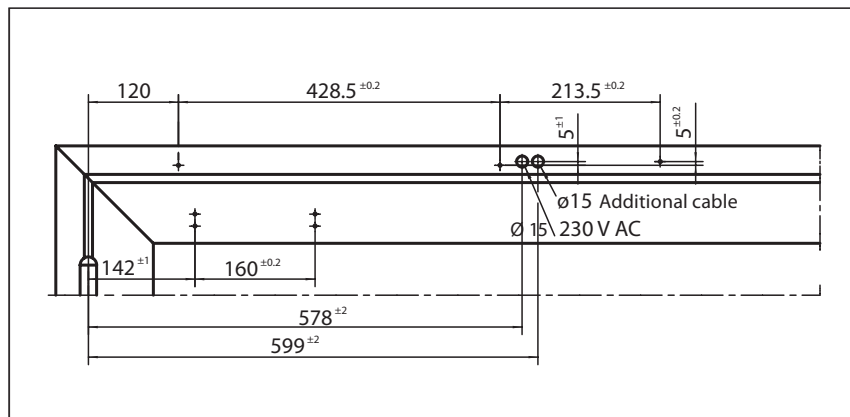


Mounting example of the GEZE TS 5000 R with mounting plate on a fire door

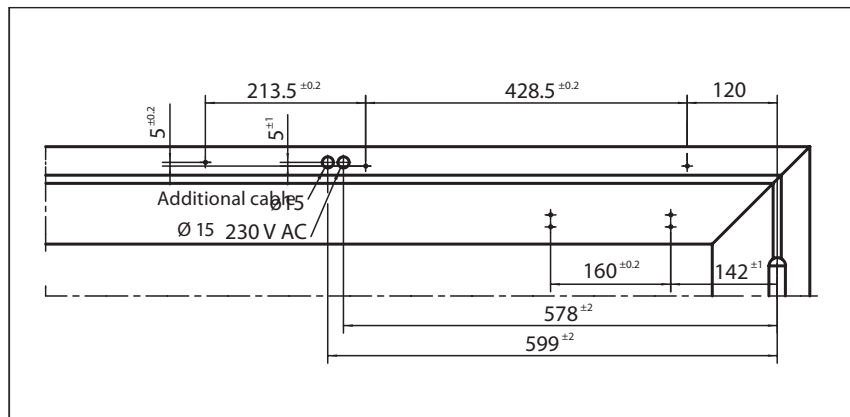
Mounting with mounting plate



Section = mounting with mounting plate

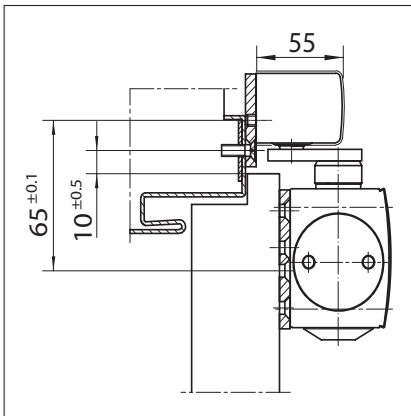


Fitting dimensions, left-hand door

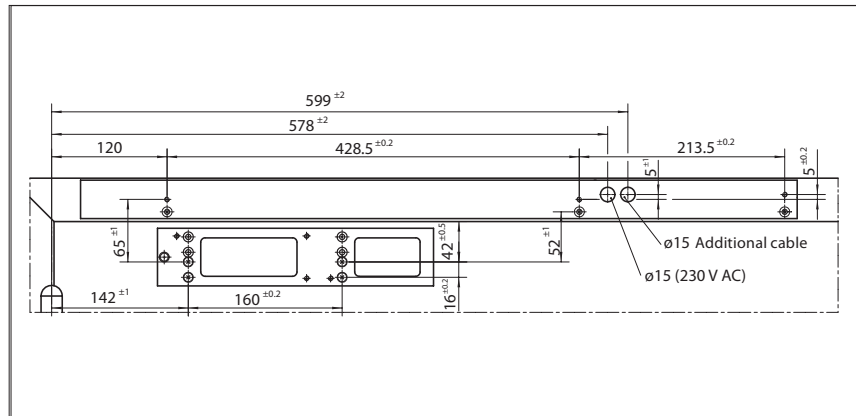


Fitting dimensions, right-hand door

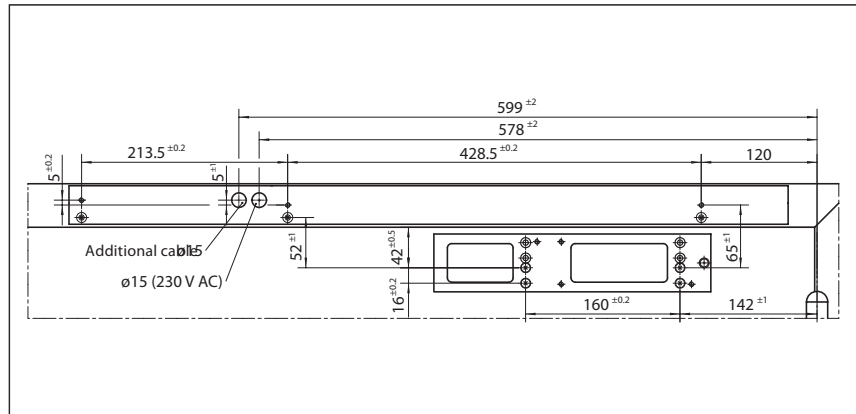
Mounting on narrow door frames



Section = mounting with mounting plate



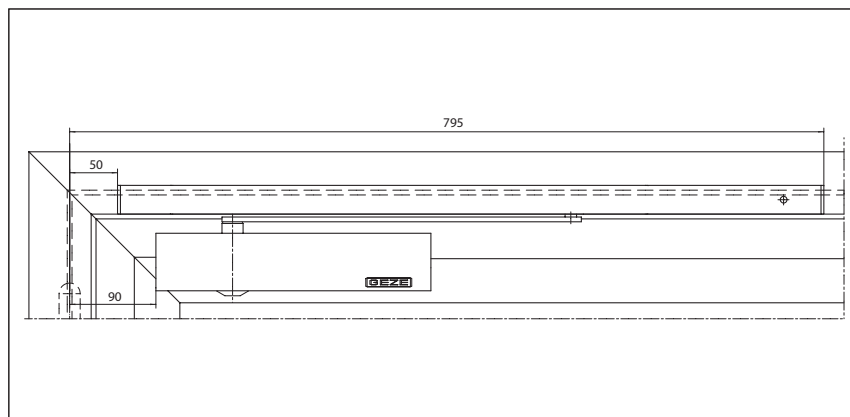
Fitting dimensions, left-hand door



Fitting dimensions, right-hand door

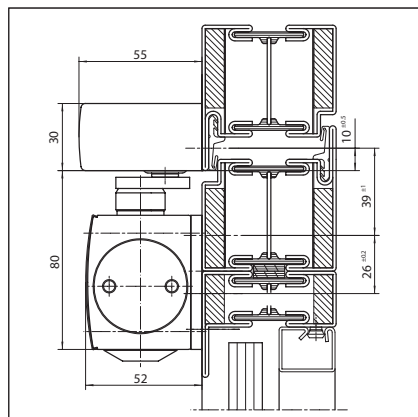
Door leaf mounting/opposite the hinge side TS 5000 L-R

View

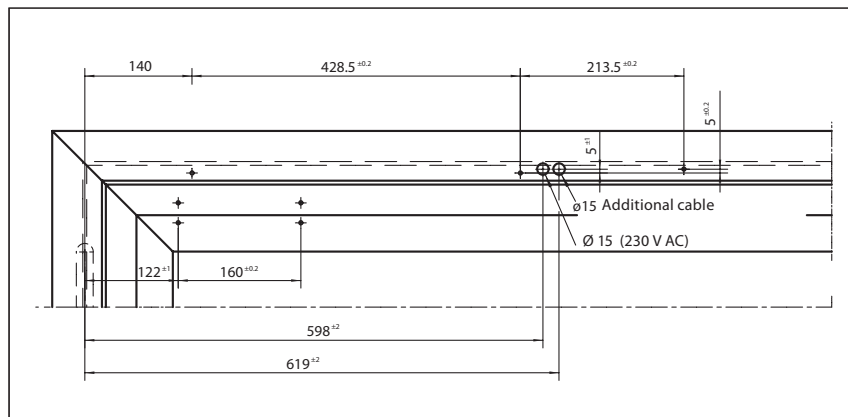


Mounting example of the GEZE TS 5000 L-R with mounting plate on a fire door

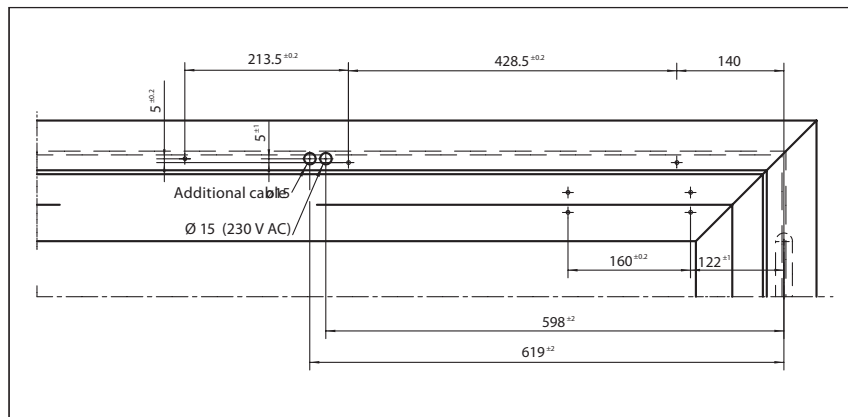
Mounting with mounting plate



Section = mounting with mounting plate



Fitting dimensions, right-hand door



Fitting dimensions, left-hand door

Technical drawing showing a cross-section of a mechanical assembly. The drawing includes dimensions: 23, 65 ± 1 , (10 ± 0.5), 16 ± 0.2 , and 40. The assembly consists of a housing (hatched area) and a component with a circular feature and a flange.

Technical drawing of the front view of the device. The drawing shows a rectangular unit with a top rail and a base. Key dimensions and features include:

- Overall width: $619^{+0.2}$
- Distance between mounting holes: $598^{+0.2}$
- Distance from left edge to first mounting hole: 140
- Distance between mounting holes: $428.5^{+0.2}$
- Distance from last mounting hole to right edge: $213.5^{+0.2}$
- Base width: $160^{+0.2}$
- Distance between base mounting holes: 122^{+1}
- Base height: 16
- Mounting rail height: 88
- Distance from base to mounting rail: 65
- Distance from mounting rail to top edge: 10
- Cable entry points: $\varnothing 15$ Additional cable, $\varnothing 15$ (230 V AC)

[illegible]

39

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 backcheck (without guide rail and lever)	dark bronze	027334
	to RAL ²⁾	027336
	white RAL 9016	027335
	silver	027333
GEZE TS 5000 L closer Size EN 2-6, with backcheck (without guide rail and lever)	dark bronze ²⁾	029399
	to RAL ²⁾	027352
	silver ²⁾	027351
	white RAL 9016 ²⁾	029400
TS 5000 R-guide rail with electrical hold-open, integrated smoke switch control unit and lever	dark bronze	116301
	to RAL ²⁾	116304
	Stainless steel effect ¹⁾	116303
	white RAL 9016	116302
BG TS 5000 R-guide rail with electrical hold-open, integrated smoke switch control unit and lever	silver	116300
	to RAL ²⁾	120076
	Stainless steel effect ¹⁾	120075
	white RAL 9016	120074
Installation materials	silver	120073
	to RAL ²⁾	123297
	silver	123296
	silver	049185
Door closer mounting plate for TS 5000/4000 with drilling pattern to EN 1154 supplement 1	dark bronze	052351
	to RAL ²⁾	029176
	galvanised	057956
	white RAL 9016	068627
Guide rail BG mounting plate for R-guide rail	to RAL ²⁾	123312
	silver	123311
Lintel casing bracket, guide rail BG for R-guide rail	to RAL ²⁾	123325
	silver	123324
Accessories		
Door closer cap for TS 5000/TS 4000	dark bronze	067725
	brass	072698
	to RAL ²⁾	000756
	Stainless steel	072696
	silver	067724
	white RAL 9016	067726
GEZE RS 5 smoke switch for mounting on ceiling and lintel	dark bronze	028939
	to RAL ²⁾	028941
	Stainless steel effect ¹⁾	028942
	silver	027052
	white RAL 9016	028940
GEZE interrupter button Concealed version, for manual release of electrically controllable door closers and retention magnets	alpine white	116266
Surface-mounted box pack		120503

1) For dry rooms only

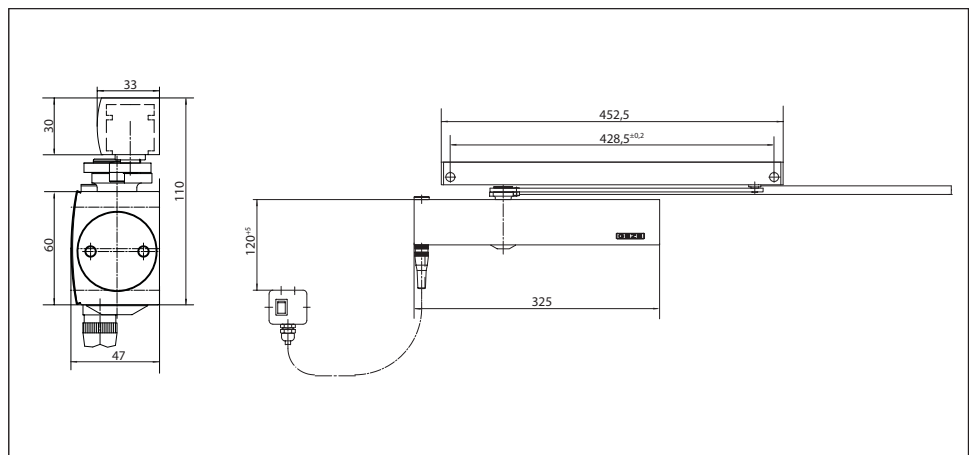
2) Additional charge for special RAL colours, see general information

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 the event 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 end stop are adjustable from the front. The door closer has a visual size display.

GEZE TS 5000 EFS



Applications

- For single-action doors, leaf width up to 1250 mm
- Can be used for both 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:

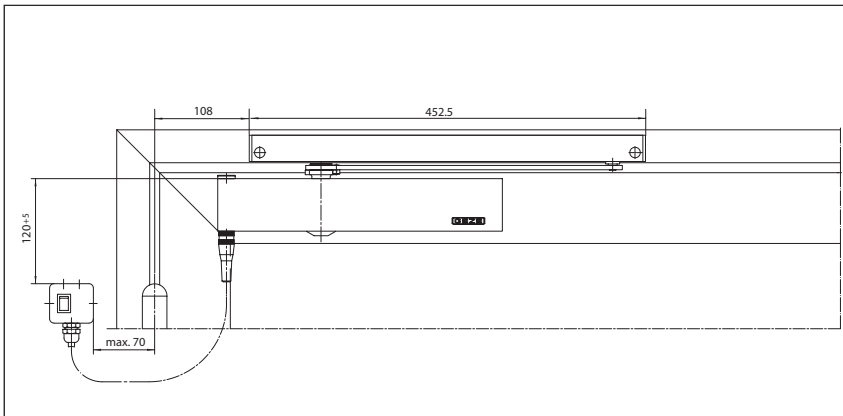
Product features	GEZE TS 5000 EFS complete pack, leaf mounted	GEZE TS 5000 EFS - complete pack, frame mounted
Closing force to EN1154		2 - 5
Recommended leaf width, up to		1250 mm
Same version for left and right-hung doors	●	●
Supply voltage		24V DC
Product tested to		Door closer tested to EN1154 Hold-open device tested to EN1154
Fire door suitability	●	●
Mounting plate with hole pattern to EN1154 supplement	●	●
Length		325 mm
Overall depth		46 mm
Height		60 mm
Functions		
Freeswing function	●	●
Freeswing range		85°-170°
Adjustable closing force		Yes, continuously
Adjustable closing speed	●	●
Adjustable end stop		Yes, via valve
Integrated backcheck		No
Position of closing force adjustment		Front
Visual display of the closing force	●	●
Safety valve against wilful damage	●	●
Thermo-control valves	●	●

○ = optional

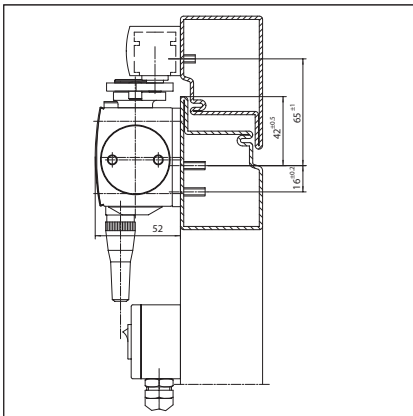
● = standard

Door leaf mounting/hinge side TS 5000 EFS

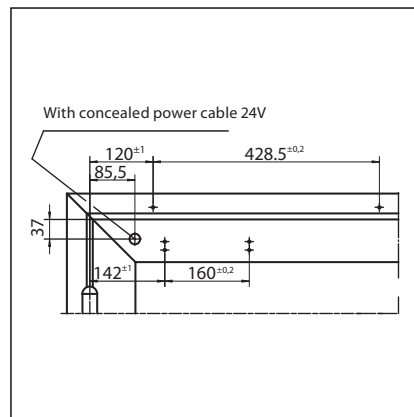
View



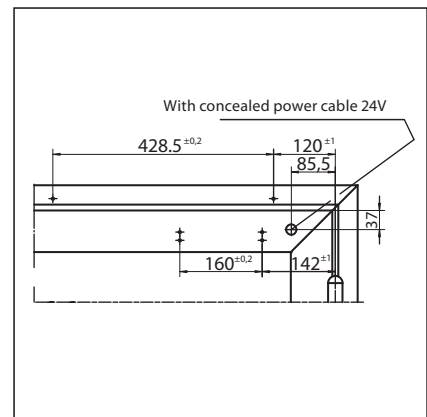
Mounting example of the GEZE TS 5000 EFS E with mounting plate on a fire door

Mounting with mounting plate

Section = mounting with mounting plate



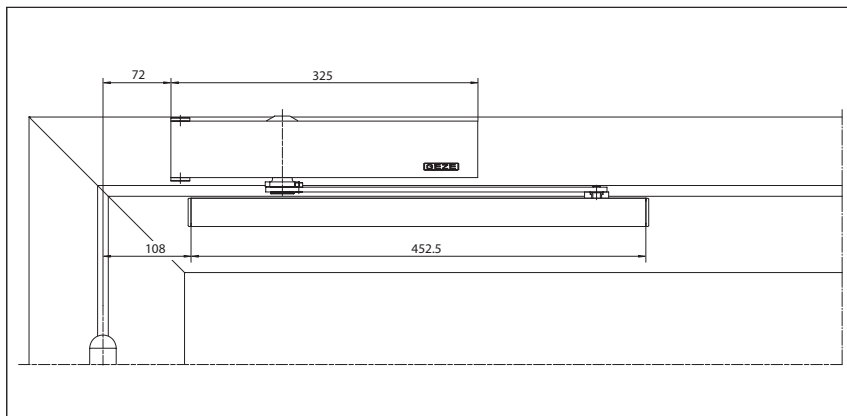
Fitting dimensions, left-hand door



Fitting dimensions, right-hand door

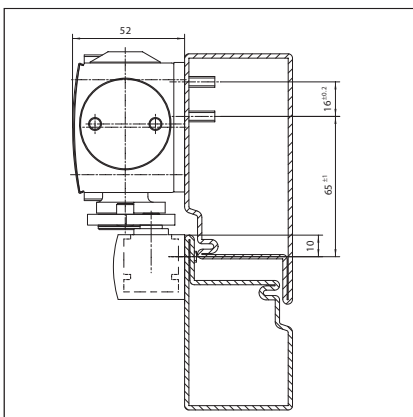
Frame mounted/hinge side TS 5000 EFS

View

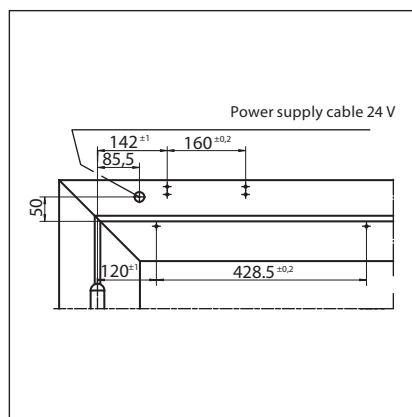


Mounting example of the GEZE TS 5000 EFS with mounting plate

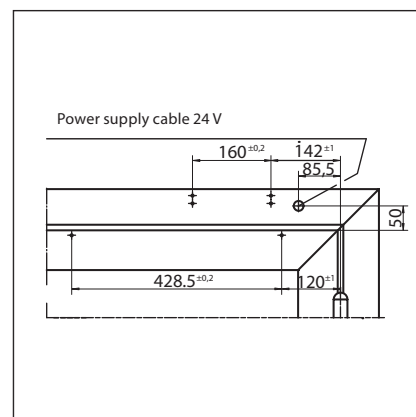
Mounting with mounting plate



Section = mounting with mounting plate



Fitting dimensions, left-hand door



Fitting dimensions, right-hand door

GEZE TS 3000 V / SYSTEM TS 5000

GEZE TS 5000 EFS - order information

Description	Version	ID. No.
GEZE TS 5000 EFS - complete pack, leaf mounted	white RAL 9016	107956
Size EN 2-5, door leaf mounting, hinge side, with electrical freeswing function, with guide rail and lever	to RAL ²⁾	098326
	silver	095076
GEZE TS 5000 EFS - complete pack, frame mounted	to RAL ²⁾	098327
Size EN 2-5, frame mounted, hinge side, with electrical freeswing function, with guide rail and lever	white RAL 9016	107957
	silver	093556
Installation materials		
Guide rail mounting plate for Standard / T-STOP / EFS guide rail	to RAL ²⁾	104515
	white RAL 9016	129252
	silver	001512
Door closer mounting plate for TS 5000 EFS/RFS/EHY / 4000 E with drilling pattern to EN 1154 supplement 1.	to RAL ²⁾	100044
	silver	059107
Accessories		
GEZE RSZ6 smoke switch control unit approved for all GEZE hold-open devices	Stainless steel effect ¹⁾	099856
	white RAL 9016	099858
	dark bronze	099857
	to RAL ²⁾	099859
	silver	099851
GEZE RS 5 smoke switch for mounting on ceiling and lintel	dark bronze	028939
	to RAL ²⁾	028941
	Stainless steel effect ¹⁾	028942
	silver	027052
	white RAL 9016	028940
GEZE interrupter button Concealed version, for manual release of electrically controllable door closers and retention magnets	alpine white	116266
Surface-mounted box pack		120503

1) For dry rooms only

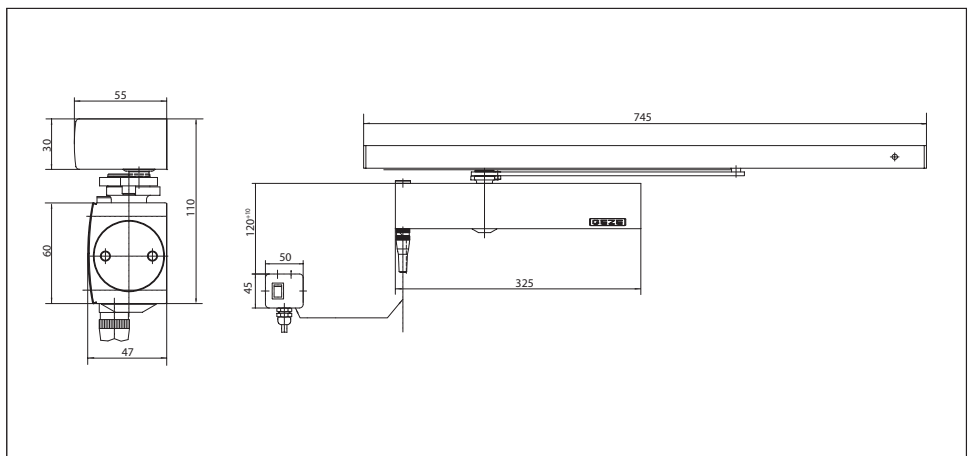
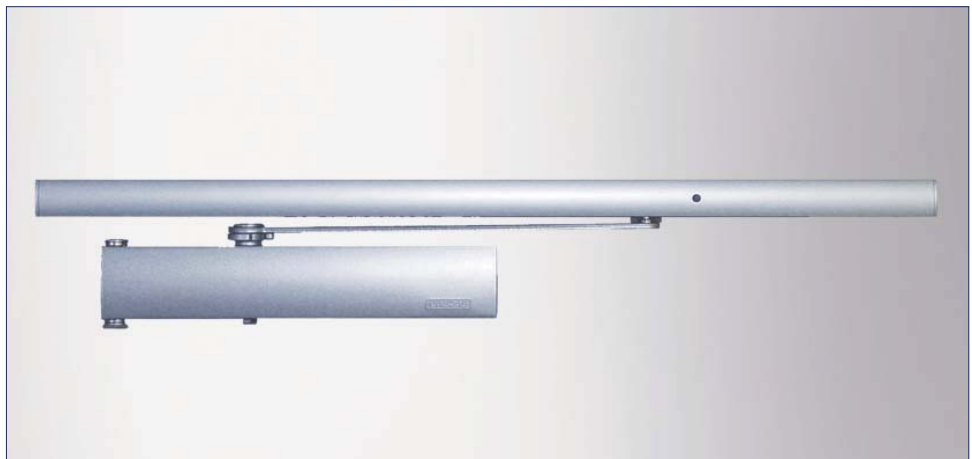
2) Additional charge for special RAL colours, see general information

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 the event of a 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 end stop are adjustable from the front. The door closer has a visual size display. The hold-open system has national technical approval.

GEZE TS 5000 RFS



Applications

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

GEZE TS 3000 V / SYSTEM TS 5000

Closer technical data:

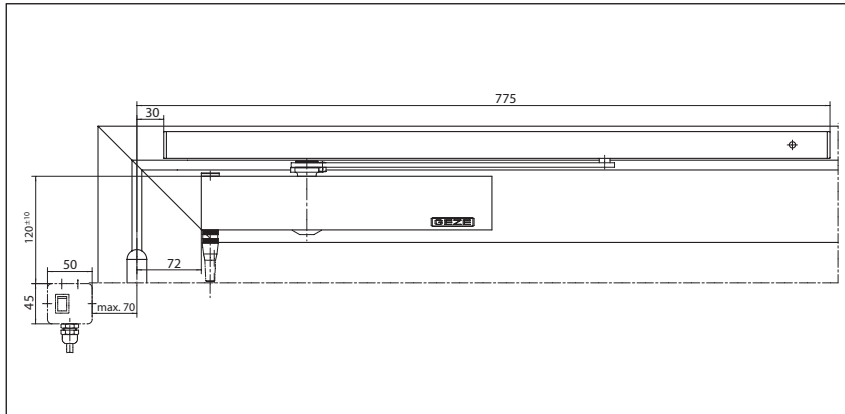
Product features	GEZE TS 5000 RFS - complete pack, door leaf mounting	GEZE TS 5000 RFS - complete pack, frame mounted
Closing force to EN1154	2 - 5	
Recommended leaf width, up to	1250 mm	
Same version for left and right-hung doors	●	●
Supply voltage	230 V 50 Hz	
Product tested to	Door closer tested to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

○ = optional

● = standard

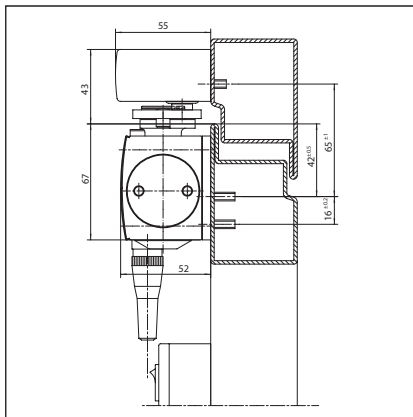
Door leaf mounting/hinge side TS 5000 RFS

View

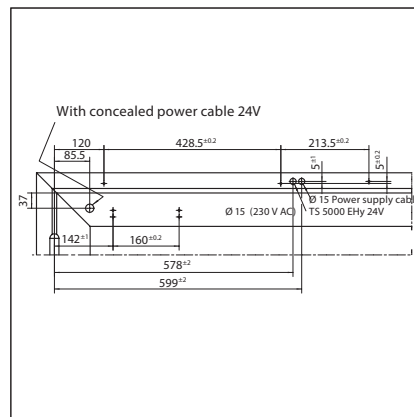


Mounting example of the GEZE TS 5000 RFS with mounting plate on a fire door

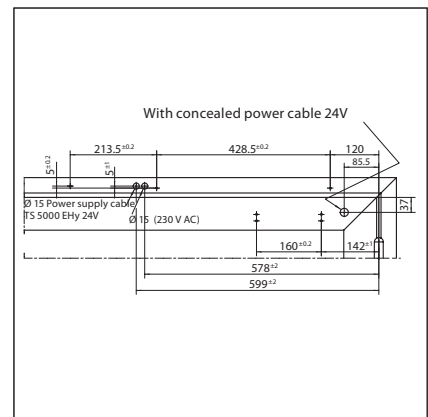
Mounting with mounting plate



Section = mounting with mounting plate



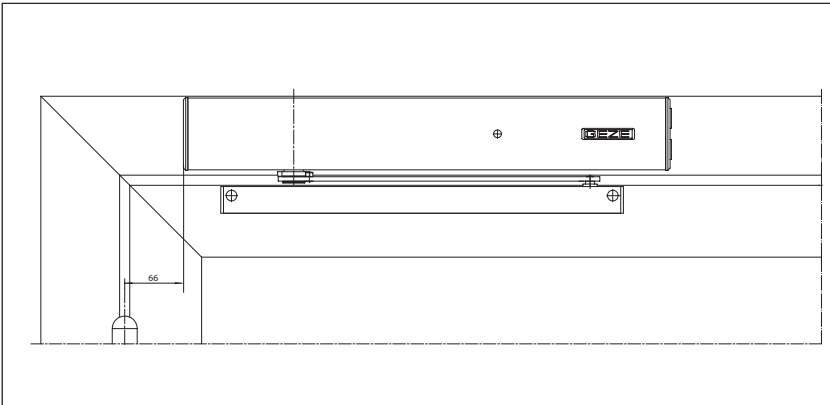
Fitting dimensions, left-hand door



Fitting dimensions, right-hand door

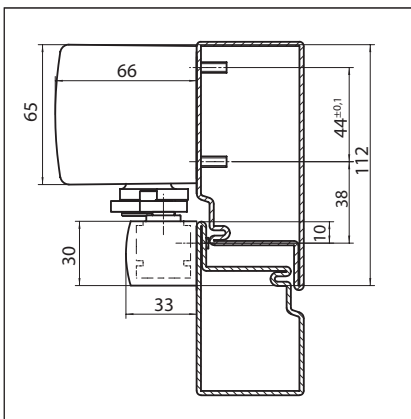
Frame mounted/hinge side TS 5000 RFS

View

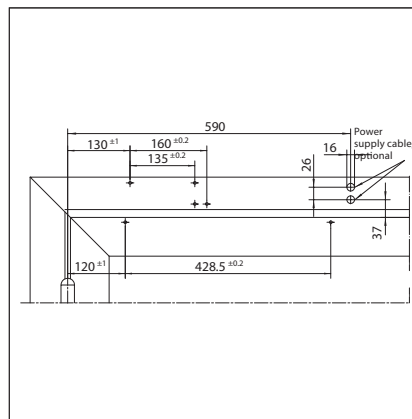


Mounting (direct fixing) example of the GEZE TS 5000 RFS

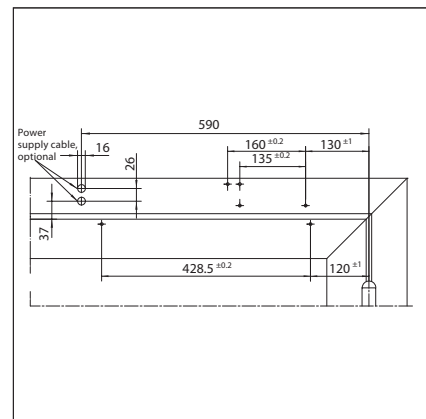
Direct mounting



Section = direct mounting



Fitting dimensions, left-hand door



Fitting dimensions, right-hand door

GEZE TS 3000 V / SYSTEM TS 5000

GEZE TS 5000 RFS - order information

Description	Version	ID. No.
GEZE TS 5000 RFS - complete pack, door leaf mounting	to RAL ²⁾	121819
Size EN 2-5, door leaf mounting, hinge side, with electrical freeswing function, guide rail	white RAL 9016	121818
with integrated smoke switch control unit and lever	silver	121817
GEZE TS 5000 RFS - complete pack, frame mounted	to RAL ²⁾	115203
Size EN 2-5, frame mounted, hinge side, with electrical freeswing function, integrated	white RAL 9016	115202
smoke switch control unit, guide rail and lever	silver	115200
Installation materials		
Guide rail mounting plate	to RAL ²⁾	104515
for Standard / T-STOP / EFS guide rail	white RAL 9016	129252
	silver	001512
Guide rail mounting plate	to RAL ²⁾	123297
for R / RFS guide rail	silver	123296
Door closer mounting plate	black	058808
for TS 5000 RFS KM/ 4000 R & R-IS with drilling pattern to EN 1154 supplement 1		
Door closer mounting plate	to RAL ²⁾	100044
for TS 5000 EFS/RFS/EHY / 4000 E with drilling pattern to EN 1154 supplement 1	silver	059107
Accessories		
GEZE RS 5 smoke switch for mounting on ceiling and lintel	dark bronze	028939
	to RAL ²⁾	028941
	Stainless steel effect ¹⁾	028942
	silver	027052
	white RAL 9016	028940
GEZE interrupter button		
Concealed version, for manual release of electrically controllable door closers and retention magnets	alpine white	116266
Surface-mounted box pack		120503

1) For dry rooms only

2) Additional charge for special RAL colours, see general information

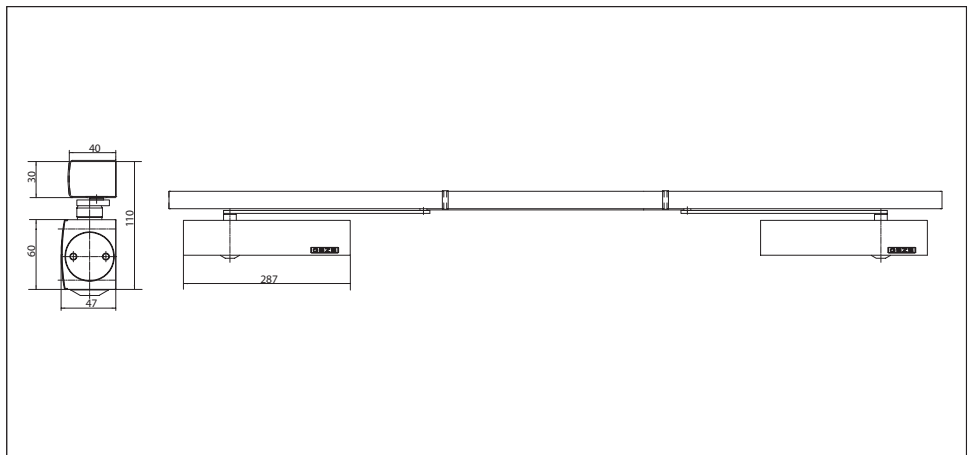
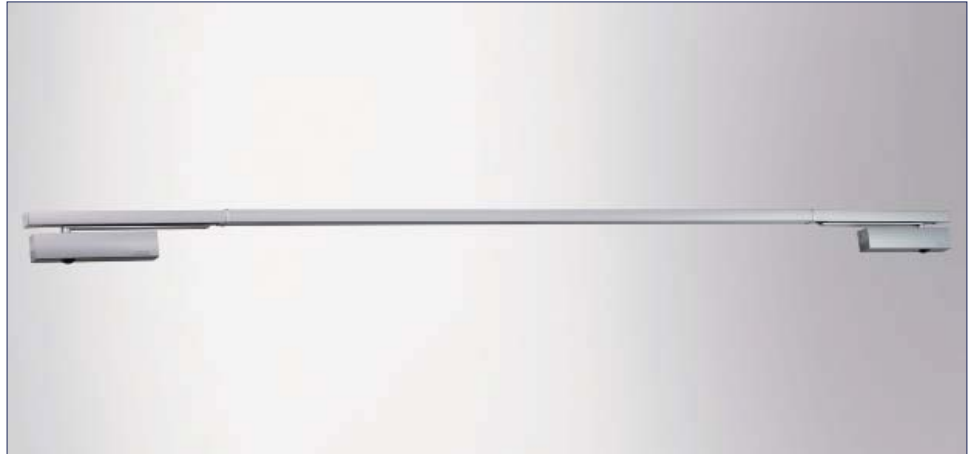
GEZE TS 5000 ISM

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.

The TS 5000 L-ISM-VP variation is available for the side opposite the hinge. As a full-panic solution it is suitable for use with an X dimension of up to 100 mm.

GEZE TS 5000 ISM



ISM applications

- For double-action doors, leaf width up to 1400 mm
- Min. hinge clearance = 1300 mm, max. hinge clearance = 2800 mm
- Extra long 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)

L-ISM-VP applications

- X dimension up to max. 100 mm (including mounting plate, see page 87), the door opening angle at the active leaf is $> 90^\circ$, the table on page 84 does not apply to the L-ISM-VP
- Min. hinge clearance = 1445 mm

GEZE TS 3000 V / SYSTEM TS 5000

Closer technical data:

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

Guide rail technical data:

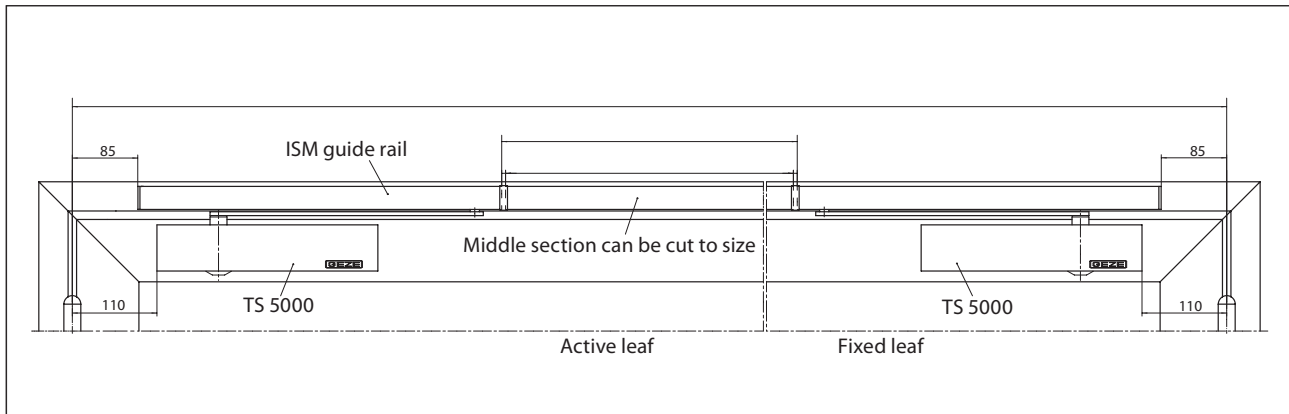
Product features	TS 5000 ISM guide rail	ISM guide rail BG VP TS 5000
Minimum hinge clearance	1300 mm	1445 mm
Minimum fixed leaf width	400 mm	380 mm
Product tested to	Closing sequence controller tested to EN1158	
Length	2630 mm	2665 mm
Overall depth	40 mm	50 mm
Height	30 mm	30 mm
Functions		
Closing sequence control, integrated	●	●
Integrated hold-open	●	●
Height correction possible	●	●

○ = optional

● = standard

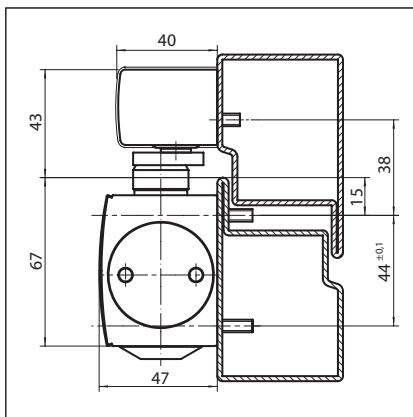
Door leaf mounting/hinge side TS 5000 ISM

View

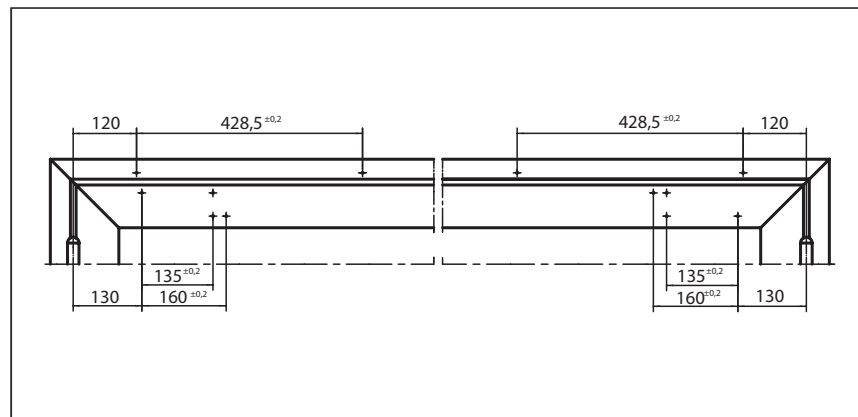


Mounting example of the GEZE TS 5000 ISM system on a steel door

Direct mounting

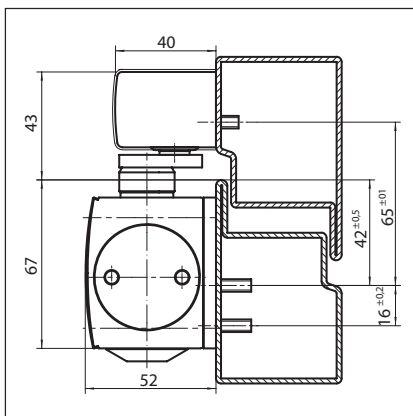


Section = direct mounting

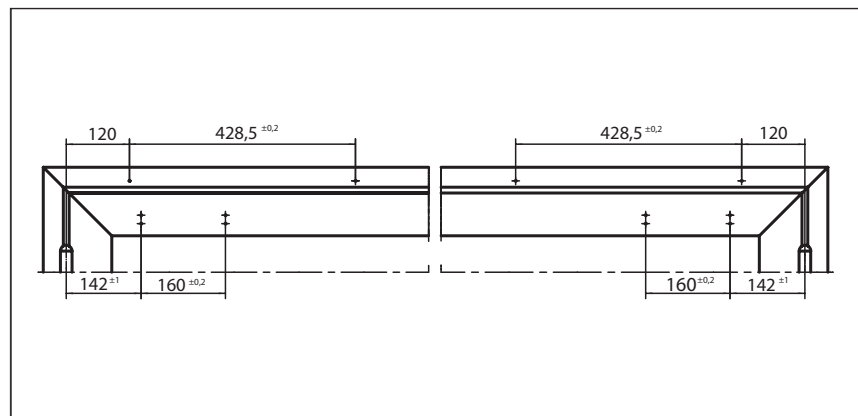


Fitting dimensions

Mounting with mounting plate



Section = mounting with mounting plate

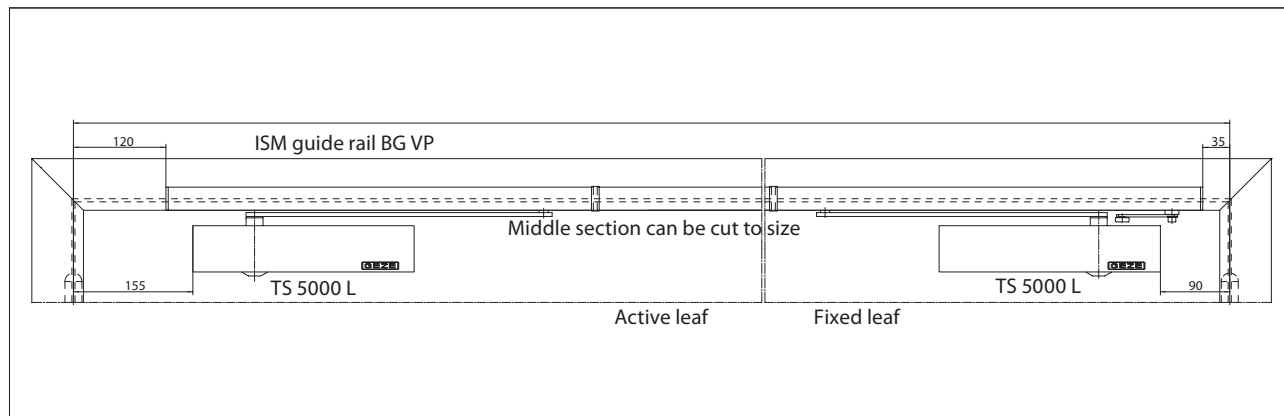


Fitting dimensions

GEZE TS 3000 V / SYSTEM TS 5000

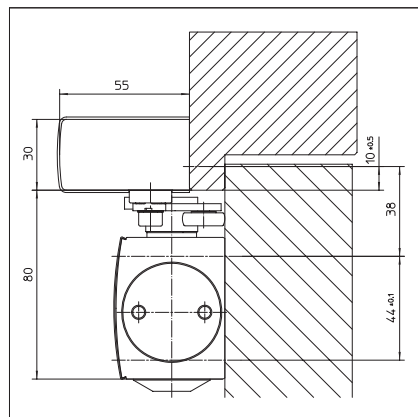
Door leaf mounting/opposite the hinge side TS 5000 L-ISM-VP

View

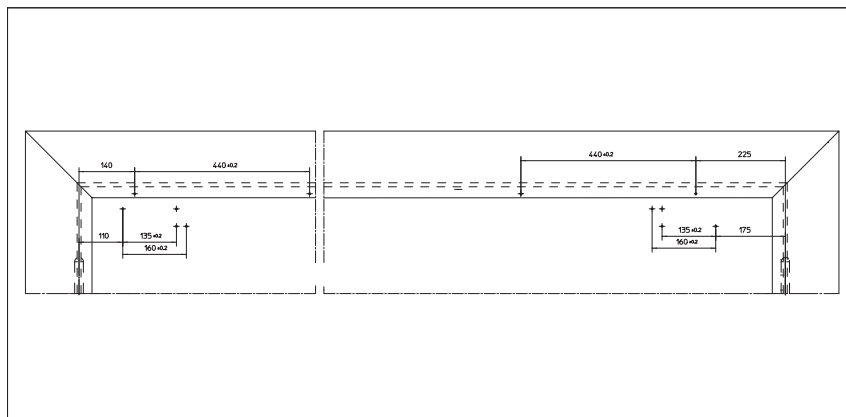


Mounting example of the GEZE TS 5000 L-ISM-VP

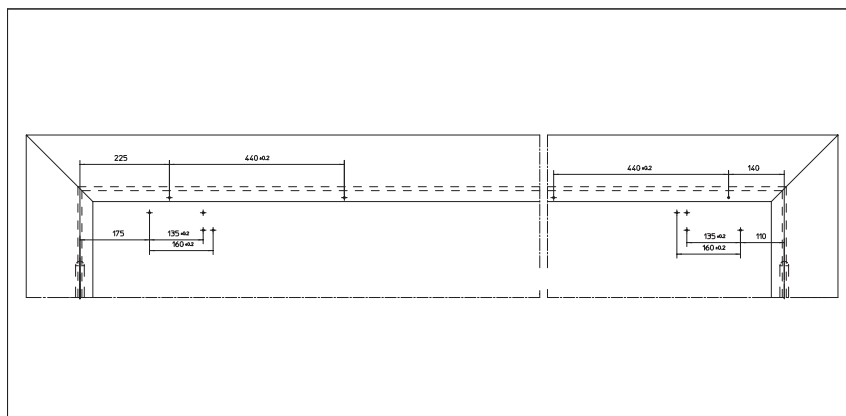
Direct mounting



Section = direct mounting

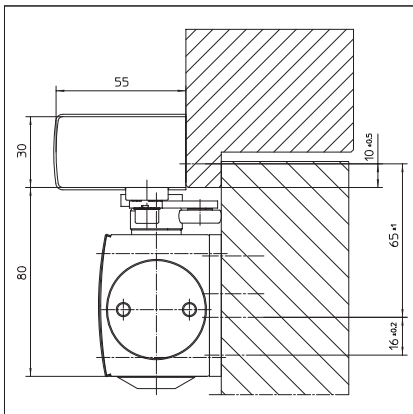


Fitting dimensions right-hand leaf = fixed leaf, left-hand leaf = active leaf

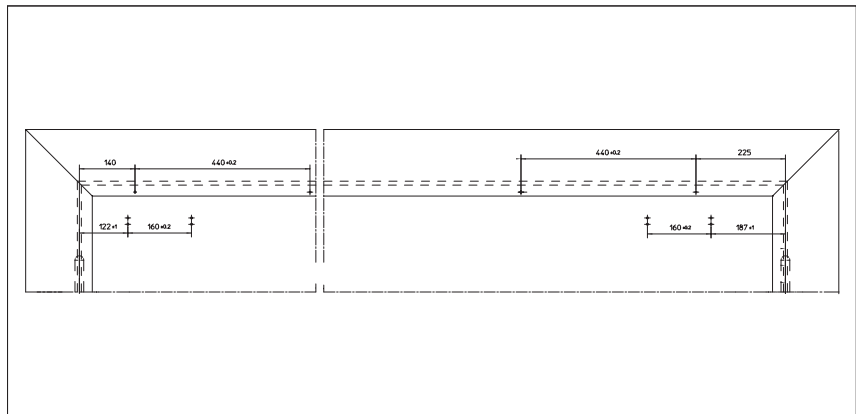


Fitting dimensions right-hand leaf = active leaf, left-hand leaf = fixed leaf

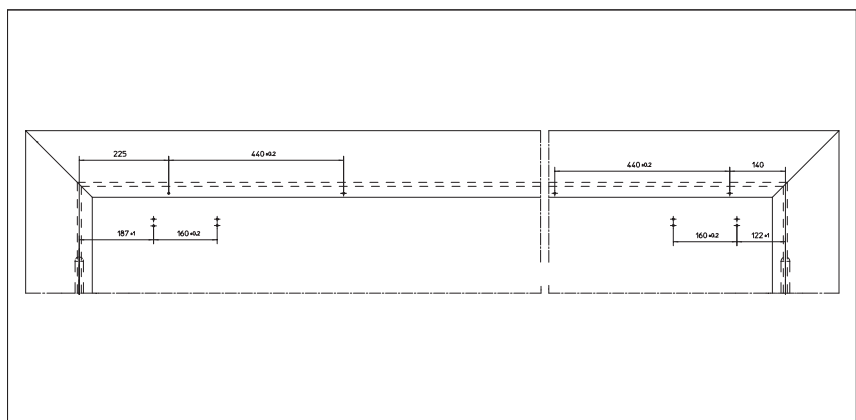
Mounting with mounting plate



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 backcheck (without guide rail and lever)	dark bronze	027334
	to RAL ²⁾	027336
	white RAL 9016	027335
	silver	027333
GEZE TS 5000 L closer Size EN 2-6, with backcheck (without guide rail and lever)	dark bronze ²⁾	029399
	to RAL ²⁾	027352
	silver ²⁾	027351
	white RAL 9016 ²⁾	029400
TS 5000 ISM guide rail continuous, with integrated closing sequence control and levers	dark bronze	115550
	to RAL ²⁾	115593
	Stainless steel effect	115592
	white RAL 9016	115591
TS 5000 ISM guide rail, extra long continuous, extra long up to 3200 mm, with integrated closing sequence control and levers	silver	115549
	to RAL ²⁾	115599
	silver	115598
	to RAL ²⁾	133666
TS 5000 ISM guide rail BG VP continuous, with integrated closing sequence control and levers	Stainless steel effect ¹⁾	133665
	white RAL 9016	133664
	silver	133663
Installation materials		
Guide rail mounting plate for ISM / E-ISM guide rail	to RAL ²⁾	118703
	silver	118702
Door closer mounting plate for TS 5000/4000 with drilling pattern to EN 1154 supplement 1	silver	049185
	dark bronze	052351
	to RAL ²⁾	029176
	galvanised	057956
	white RAL 9016	068627
Guide rail BG VP mounting plate for ISM / E-ISM / R-ISM guide rail	to RAL ²⁾	118705
	silver	118704
Lintel casing bracket, guide rail BG VP for ISM / E-ISM / R-ISM guide rail	to RAL ²⁾	134817
	silver	134816
Accessories		
Door closer cap for TS 5000/TS 4000	dark bronze	067725
	brass	072698
	to RAL ²⁾	000756
	Stainless steel	072696
	silver	067724
	white RAL 9016	067726
ISM hold-open unit		118437

1) For dry rooms only

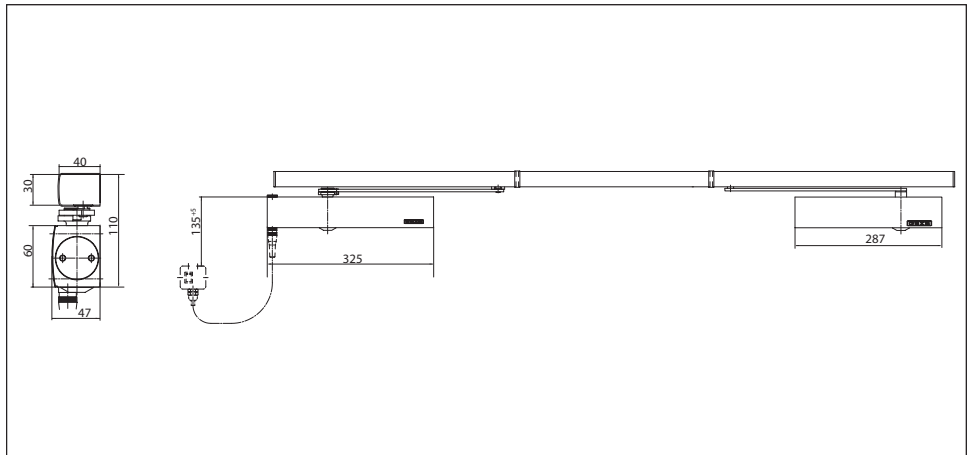
2) Additional charge for special RAL colours, see general information

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 thanks 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



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 EN1154	2 - 6	2 - 5
Recommended leaf width, up to	1400 mm	1250 mm
Same version for left and right-hung doors	●	●
Supply voltage		24V DC
Product tested to	Door closer tested to EN1154	Door closer tested to EN1154 Hold-open device tested to EN1154
Fire door suitability	●	●
Mounting plate with hole pattern to EN1154 supplement	●	●
Length	287 mm	325 mm
Overall depth	47 mm	46 mm
Height	60 mm	
Functions		
Adjustable closing force	Yes, continuously	
Adjustable closing speed	●	●
Adjustable end stop	Yes, via valve	
Integrated backcheck	Yes, hydraulically adjustable	No
Position of closing force adjustment	Front	
Visual display of the closing force	●	●
Safety valve against wilful damage	●	●
Thermo-control valves	●	●

Guide rail technical data:

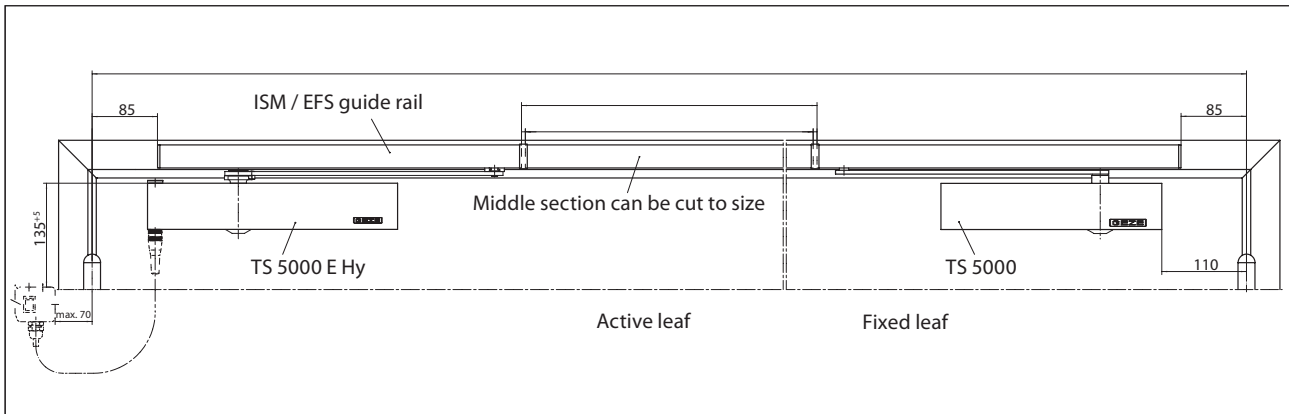
Product features	TS 5000 ISM-EFS guide rail
Minimum hinge clearance	1300 mm
Minimum fixed leaf width	400 mm
Product tested to	Closing sequence controller tested to EN1158
Length	2330 mm
Overall depth	40 mm
Height	30 mm
Functions	
Freeswing function	●
Freeswing range	85°-170°
Freeswing function on active leaf	●
Closing sequence control, integrated	●
Integrated hold-open	No
Height correction possible	●

○ = optional

● = standard

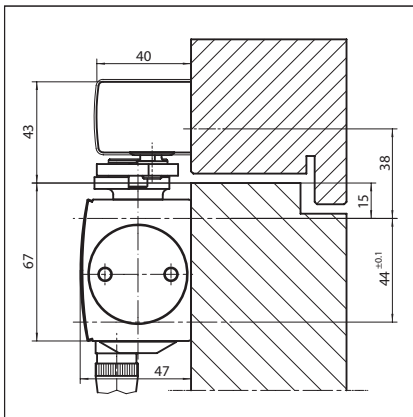
Door leaf mounting/hinge side TS 5000 ISM-EFS

View

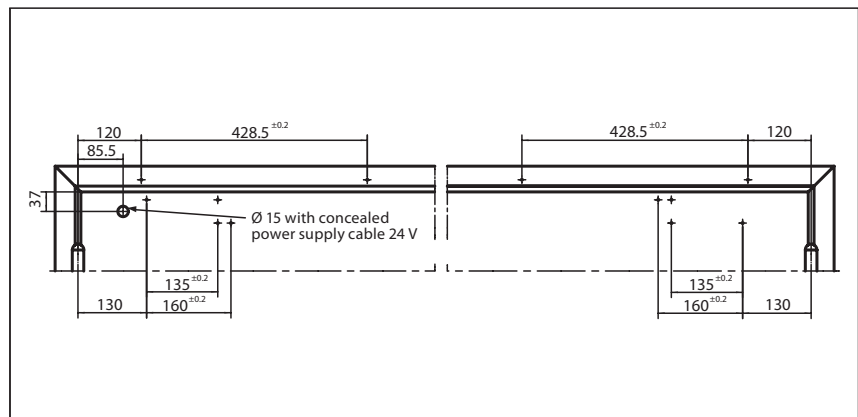


Mounting example of the GEZE TS 5000 ISM-EFS on a double-leaf flush-mounted wooden door

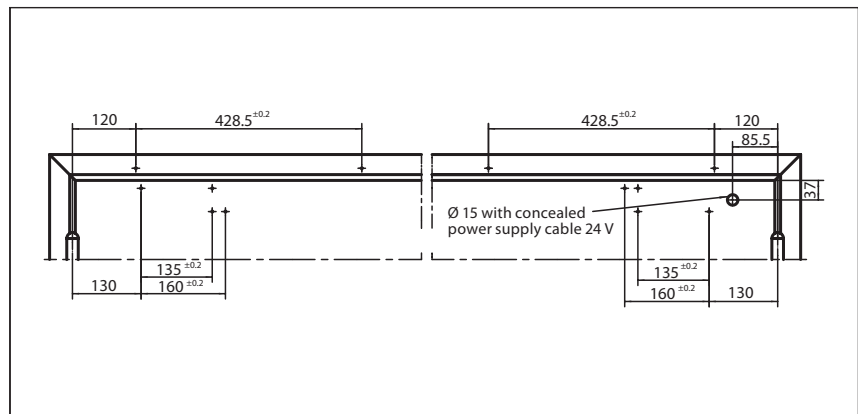
Direct mounting



Section = direct mounting

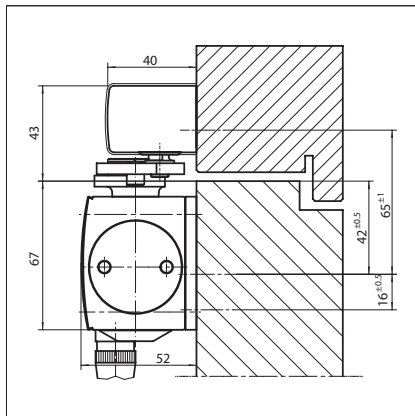


Fitting dimensions left-hand leaf = active leaf, right-hand leaf = fixed leaf

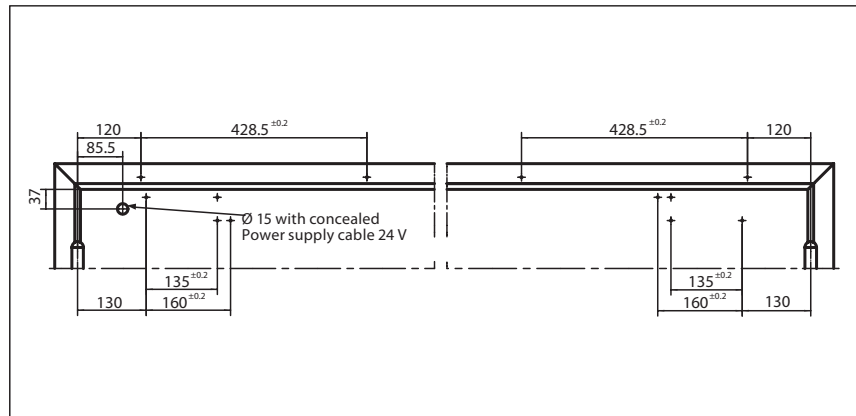


Fitting dimensions right-hand leaf = active leaf, left-hand leaf = fixed leaf

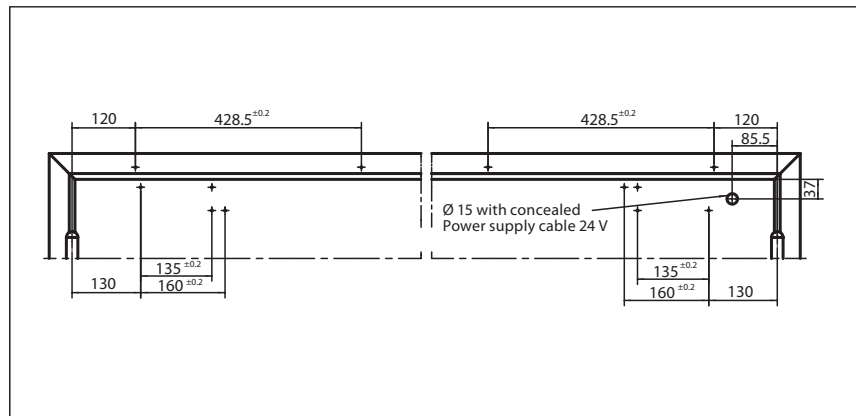
Mounting with mounting plate



Section = mounting with mounting plate



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



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

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 backcheck (without guide rail and lever)	dark bronze	027334
	to RAL ²⁾	027336
	white RAL 9016	027335
GEZE TS 5000 E-HY closer Size EN 2-5, door leaf mounting, hinge side, with electrical hold-open for freeswing function (without guide rail and lever)	silver	027333
	to RAL ²⁾	099129
	silver	121389
TS 5000 ISM-EFS guide rail continuous, with integrated closing sequence control, freeswing lever on the active leaf, normal lever on the fixed leaf	to RAL	121451
	silver	121449
Installation materials		
Guide rail mounting plate for ISM / E-ISM guide rail	to RAL ²⁾	118703
	silver	118702
Door closer mounting plate for TS 5000 EFS/RFS/EHY / 4000 E with drilling pattern to EN 1154 supplement 1	to RAL ²⁾	100044
	silver	059107
Door closer mounting plate for TS 5000/4000 with drilling pattern to EN 1154 supplement 1	silver	049185
	dark bronze	052351
	to RAL ²⁾	029176
	galvanised	057956
	white RAL 9016	068627
Accessories		
GEZE RSZ6 smoke switch control unit approved for all GEZE hold-open devices	Stainless steel effect ¹⁾	099856
	white RAL 9016	099858
	dark bronze	099857
	to RAL ²⁾	099859
	silver	099851
GEZE RS 5 smoke switch for mounting on ceiling and lintel	dark bronze	028939
	to RAL ²⁾	028941
	Stainless steel effect ¹⁾	028942
	silver	027052
	white RAL 9016	028940
GEZE interrupter button Concealed version, for manual release of electrically controllable door closers and retention magnets	alpine white	116266
Surface-mounted box pack		120503

1) For dry rooms only

2) Additional charge for special RAL colours, see general information

GEZE TS 3000 V / SYSTEM TS 5000

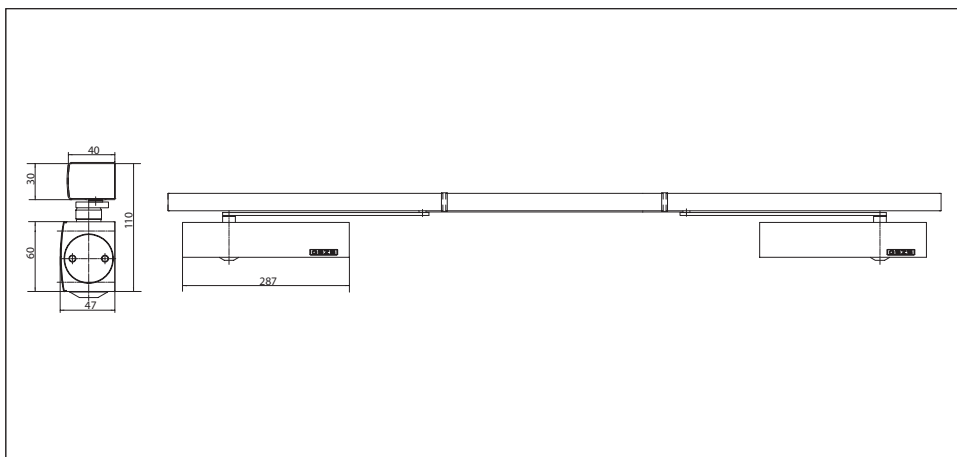
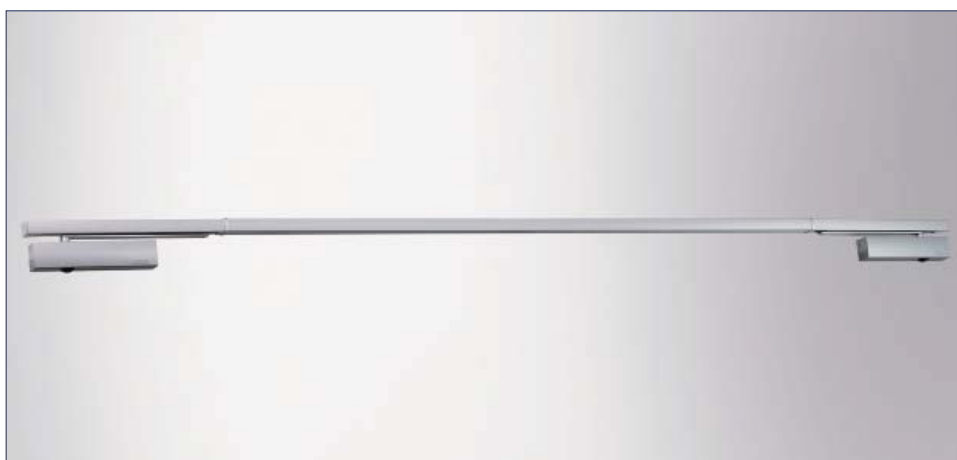
GEZE TS 5000 E-ISM

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 the event 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.

The TS 5000 L-E-ISM-VP variation is available for the side opposite the hinge. As a full-panic solution it is suitable for use with an X dimension of up to 100 mm.

GEZE TS 5000 E-ISM



E-ISM applications

- For double-action doors, leaf width up to 1400 mm
- Min. hinge clearance = 1300 mm, max. hinge clearance = 2800 mm
- Extra long 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

L-E-ISM-VP applications

- Xdimension up to max. 100 mm (including mounting plate, see page 87), the door opening angle on the active leaf side is $> 90^\circ$, the table on page 84 does not apply to the L-E-ISM-VP variation.
- Min. hinge clearance = 1445 mm

GEZE TS 3000 V / SYSTEM TS 5000

Closer technical data:

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

Guide rail technical data:

Product features	TS 5000 E-ISM guide rail	TS 5000 E-ISM guide rail VP
Minimum hinge clearance	1300 mm	1445 mm
Minimum fixed leaf width	400 mm	380 mm
Supply voltage		24V DC
Enclosure rating		IP 43
Product tested to	Hold-open device tested to EN1154 Closing sequence controller tested to EN1158	
Length	2630 mm	2665 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	●	●

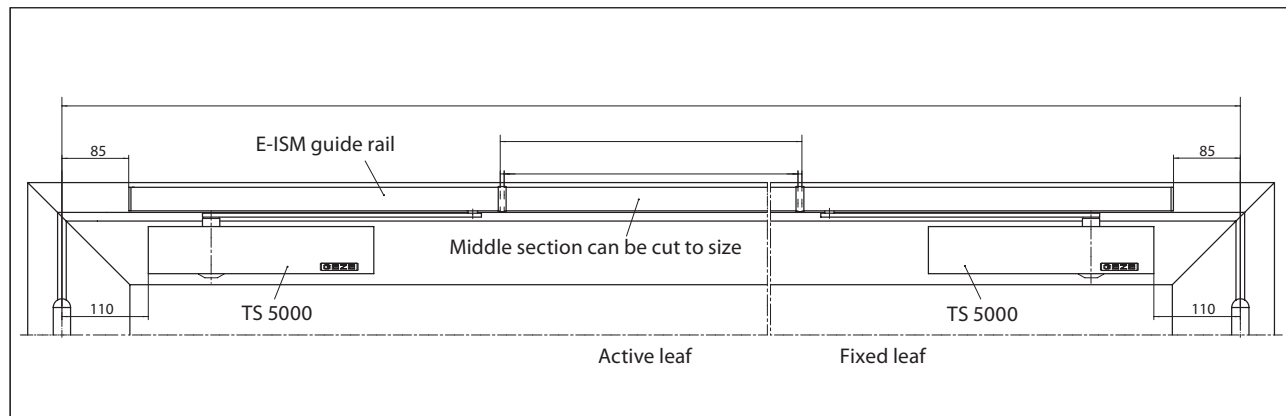
○ = optional

● = standard

GEZE TS 3000 V / SYSTEM TS 5000

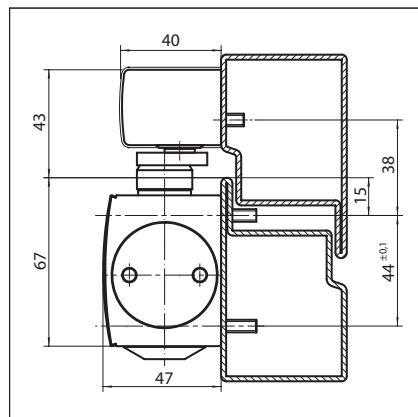
Door leaf mounting/hinge side TS 5000 E-ISM

View

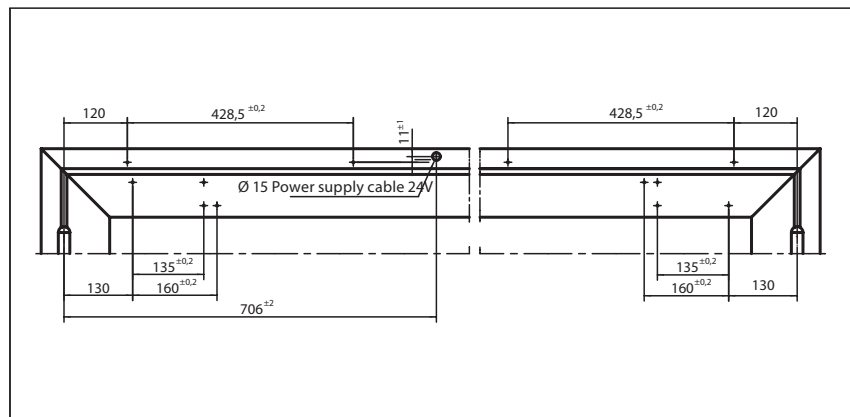


Mounting example of the GEZE TS 5000 E-ISM system on a steel door

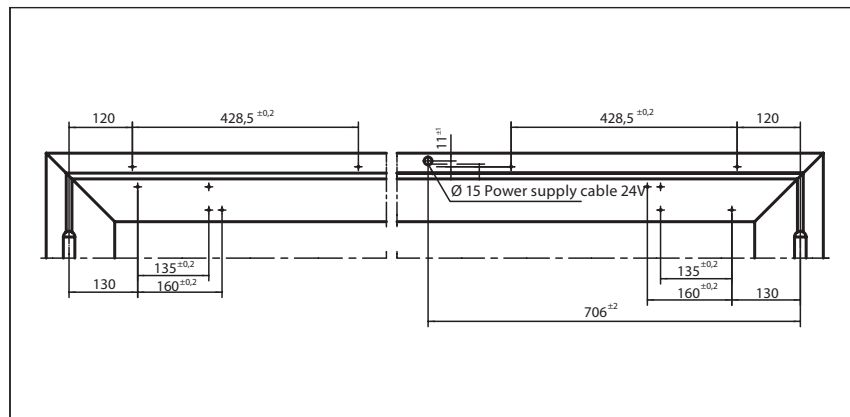
Direct mounting



Section = direct mounting

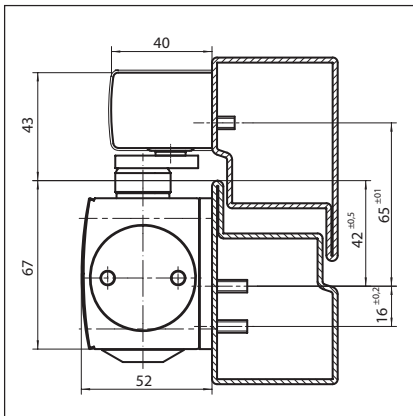


Fitting dimensions left-hand leaf = active leaf, right-hand leaf = fixed leaf

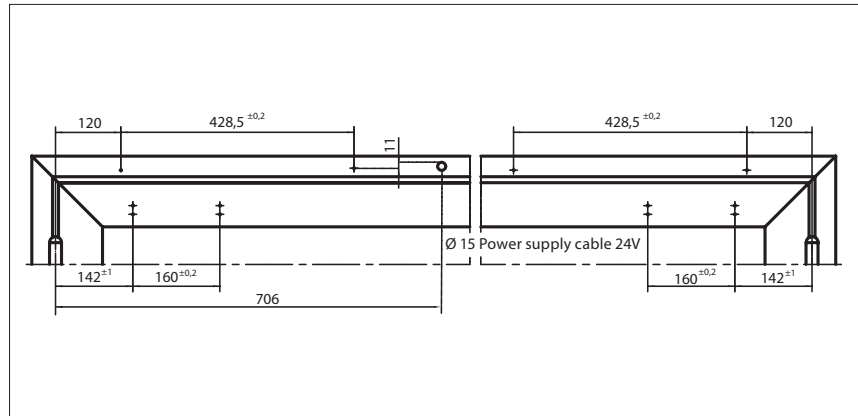


Fitting dimensions right-hand leaf = active leaf, left-hand leaf = fixed leaf

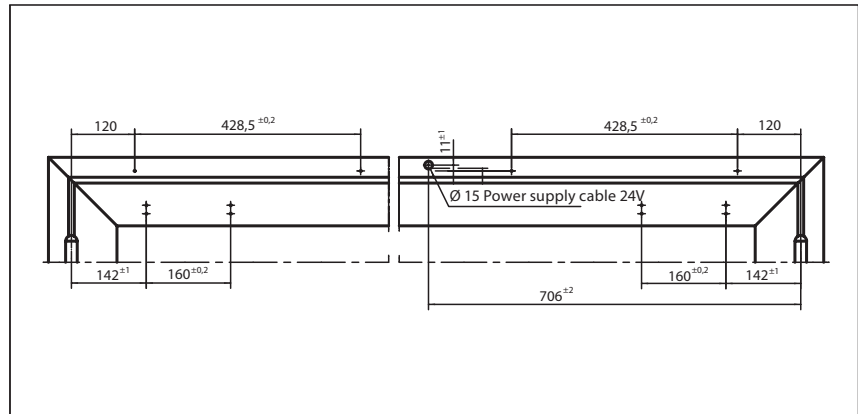
Mounting with mounting plate



Section = mounting with mounting plate



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

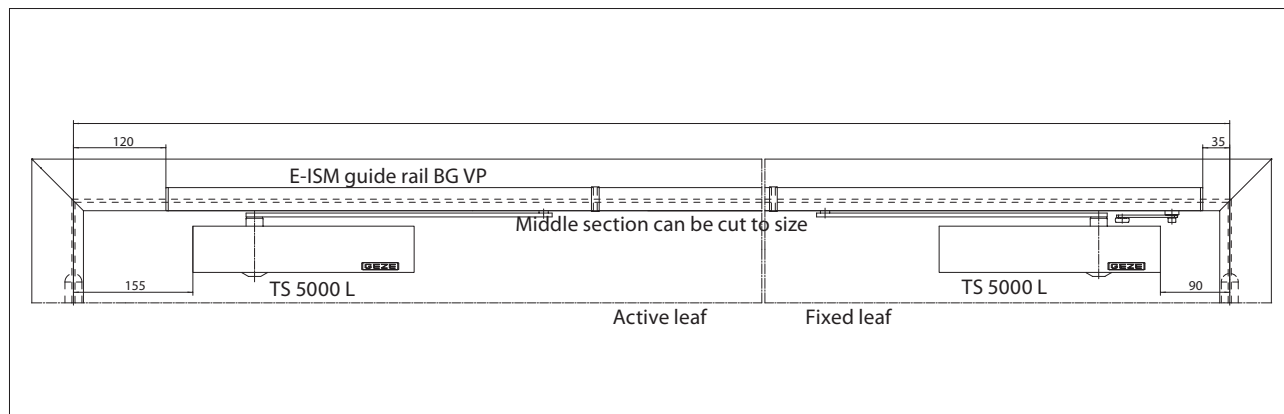


Fitting dimensions right-hand leaf = active leaf, left-hand leaf = fixed leaf

GEZE TS 3000 V / SYSTEM TS 5000

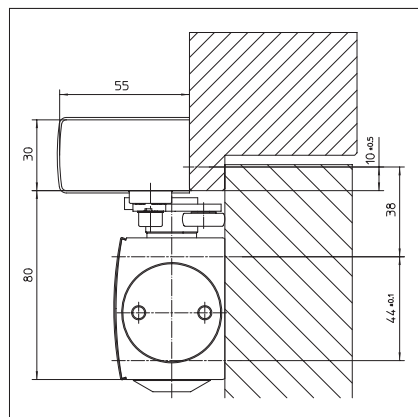
Door leaf mounting/opposite the hinge side TS 5000 L-E-ISM-VP

View

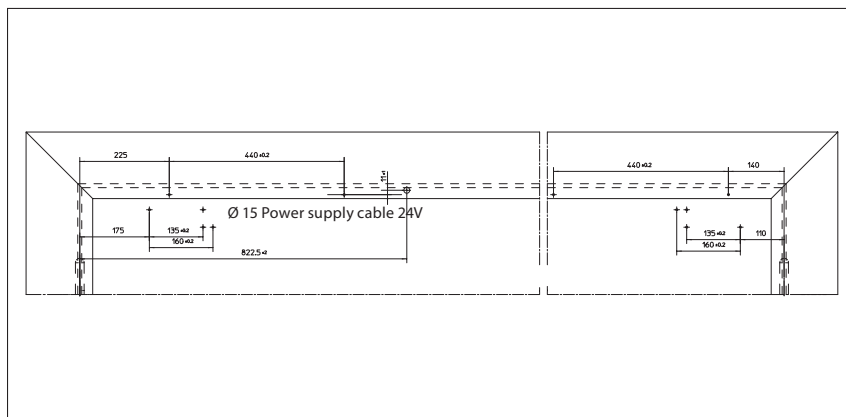


Mounting example of the GEZE TS 5000 L-E-ISM-VP

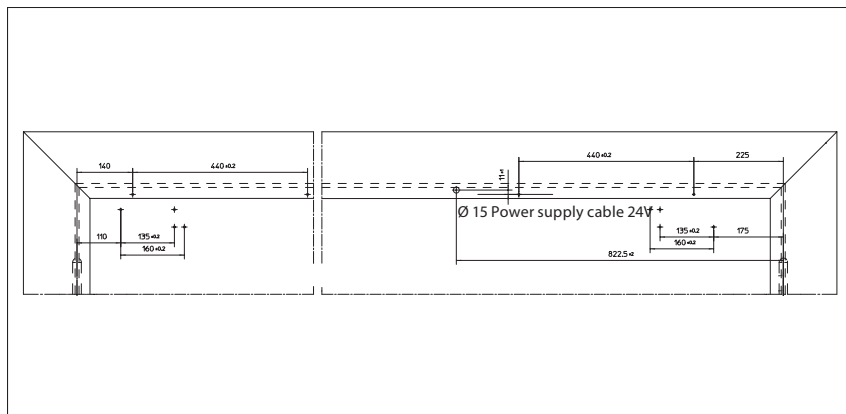
Direct mounting



Section = direct mounting



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



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

Technical drawing of a mechanical part, showing a side view and a top view. The side view shows a cylindrical component with a diameter of 55 mm and a height of 30 mm. The top view shows a circular base with a diameter of 80 mm and a central hole with a diameter of 16 mm. The part is shown in cross-section with hatching.

Technical drawing of a cable tray system, showing two sections with dimensions and cable specifications.

Left Section Dimensions:

- Section Length: 225
- Cable Diameter: $\varnothing 15$ Power supply cable 24V
- Tray Width: 440 ±2
- Cable Spacing (from left): 187 ±1, 160 ±2, 822.5 ±1

Right Section Dimensions:

- Section Length: 160
- Tray Width: 440 ±2
- Cable Spacing (from left): 160 ±2, 122 ±1

Overhead
door closers
with guide rail

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 backcheck (without guide rail and lever)	dark bronze	027334
	to RAL ²⁾	027336
	white RAL 9016	027335
	silver	027333
GEZE TS 5000 L closer Size EN 2-6, with backcheck (without guide rail and lever)	dark bronze ²⁾	029399
	to RAL ²⁾	027352
	silver ²⁾	027351
	white RAL 9016 ²⁾	029400
TS 5000 E-ISM guide rail continuous, with integrated closing sequence control, electrical hold-open on both sides and levers	silver	115600
	dark bronze	115601
	to RAL ²⁾	115604
	Stainless steel effect	115603
TS 5000 E-ISM guide rail, extra long continuous, extra length up to 3200 mm, with integrated closing sequence control, electrical hold-open on both sides and levers	white RAL 9016	115602
	to RAL ²⁾	115613
	silver	115612
	to RAL ²⁾	115607
TS 5000 E-ISM/G guide rail continuous, with integrated closing sequence control, electrical hold-open on the active leaf and levers	Stainless steel effect	115606
	silver	115605
	to RAL ²⁾	133670
TS 5000 ISM guide rail GB VP continuous, with integrated closing sequence control, electrical hold-open on both sides and levers	Stainless steel effect ¹⁾	133669
	white RAL 9016	133668
	silver	133667
Installation materials		
Guide rail mounting plate for ISM / E-ISM guide rail	to RAL ²⁾	118703
	silver	118702
Door closer mounting plate for TS 5000/4000 with drilling pattern to EN 1154 supplement 1	silver	049185
	dark bronze	052351
	to RAL ²⁾	029176
	galvanised	057956
	white RAL 9016	068627
Guide rail BG VP mounting plate for ISM / E-ISM / R-ISM guide rail	to RAL ²⁾	118705
	silver	118704
Lintel casing bracket, guide rail BG VP for ISM / E-ISM / R-ISM guide rail	to RAL ²⁾	134817
	silver	134816
Accessories		
Door closer cap for TS 5000/TS 4000	dark bronze	067725
	brass	072698
	to RAL ²⁾	000756
	Stainless steel	072696
	silver	067724
	white RAL 9016	067726
GEZE RSZ6 smoke switch control unit approved for all GEZE hold-open devices	Stainless steel effect ¹⁾	099856
	white RAL 9016	099858
	dark bronze	099857
	to RAL ²⁾	099859
GEZE RS 5 smoke switch for mounting on ceiling and lintel	silver	099851
	dark bronze	028939
	to RAL ²⁾	028941
	Stainless steel effect ¹⁾	028942
	silver	027052
GEZE interrupter button, concealed version for manual release of electrically controllable door closers and retention magnets	white RAL 9016	028940
	alpine white	116266
Surface-mounted box, pack		120503

¹⁾ For dry rooms only²⁾ Additional charge for special RAL colours, see general information

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

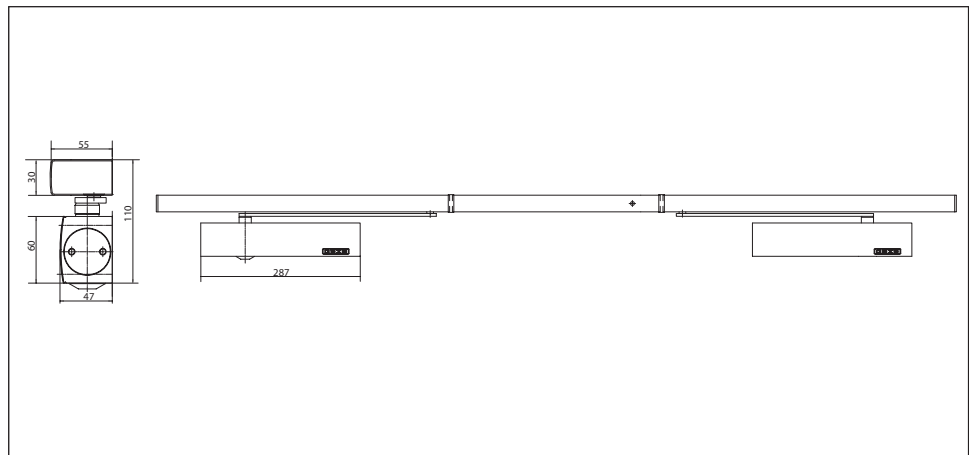
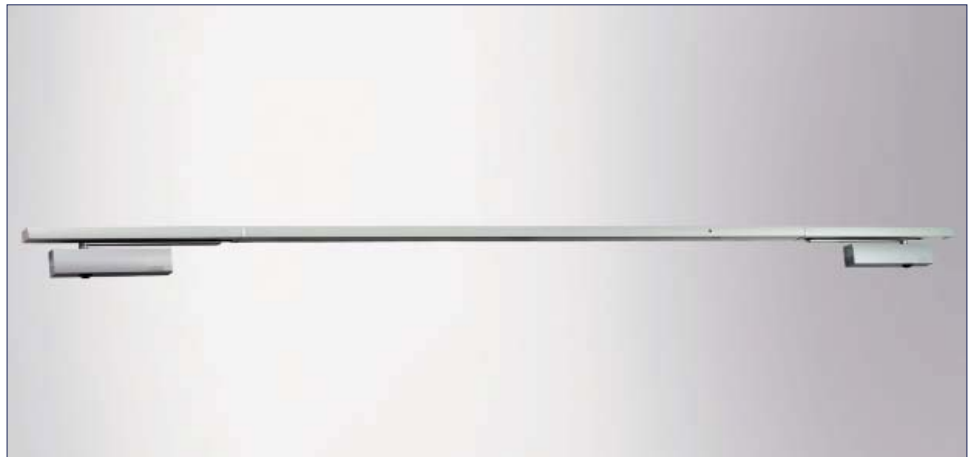
The TS 5000 R-SIM overhead door closer system for double-leaf doors with integrated, invisible closing sequence control, electro-mechanical hold-open on both sides and integrated smoke switch control unit is approved for mounting on fire and smoke doors. In the event of a fire, the smoke detector activates 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.

As a full-panic solution the TS 5000 L-R-ISM-VP system is available for the side opposite to the hinge, and is suitable for use with an X dimension of up to 100 mm.

Special version:

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

GEZE TS 5000 R-ISM



R-ISM applications

- For double-action doors, leaf width up to 1400 mm
- Min. hinge clearance = 1500 mm, max. hinge clearance = 2800 mm
- Extra long 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

L-R-ISM-VP applications

- Xdimension up to max. 100 mm (including mounting plate, see page 84), door opening angle at the active leaf side > 90°, the table on page 87 does not apply to the L-R-ISM-VP
- Min. hinge clearance = 1645mm
- Minimum fixed leaf width = 380 mm

GEZE TS 3000 V / SYSTEM TS 5000

Closer technical data:

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

Guide rail technical data:

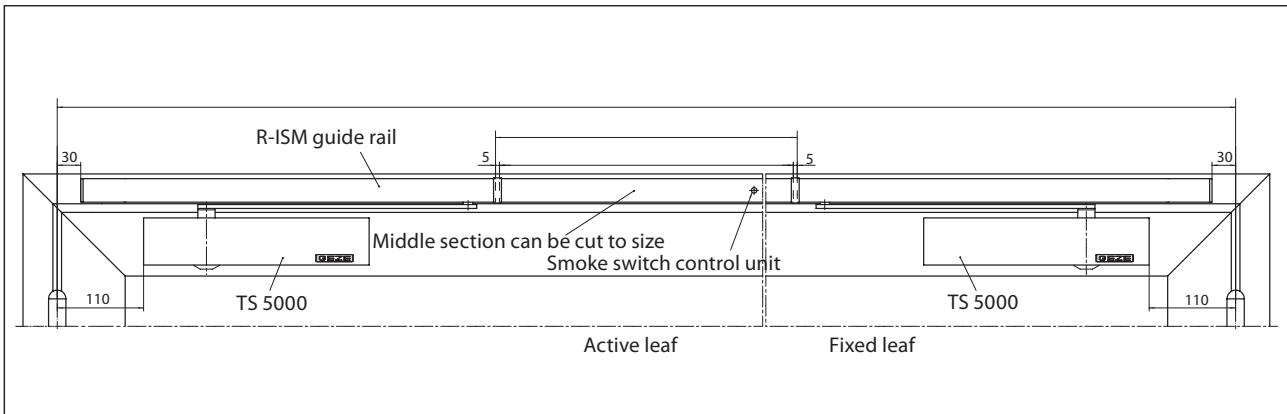
Product features	TS 5000 R-ISM guide rail	R-ISM/G guide rail TS 5000	TS 5000 R-ISM guide rail BG VP
Minimum hinge clearance	1500 mm	1500 mm	1645 mm
Minimum fixed leaf width	400 mm	400 mm	380 mm
Supply voltage	230 V 50 Hz		
Enclosure rating	IP 20		
Ambient temperature	0 - 50 °C		
Product tested to	Hold-open device tested to EN1154 Closing sequence controller tested to EN1158 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	d	d	●
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

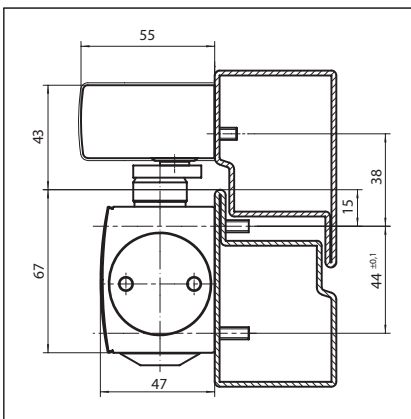
Door leaf mounting/hinge side TS 5000 R-ISM

View

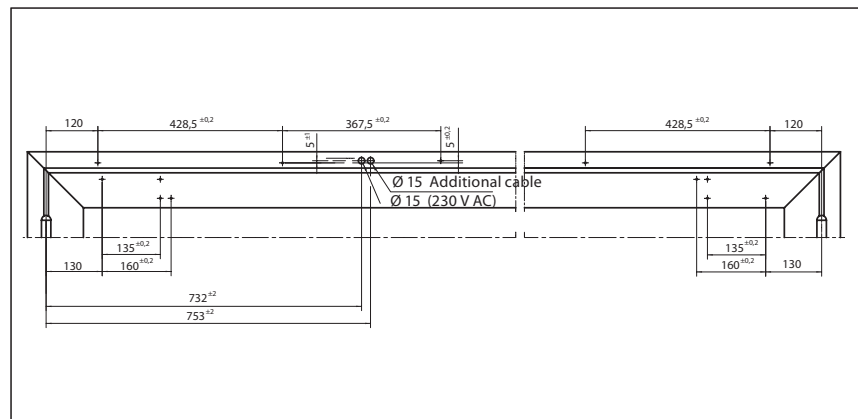


Mounting example of the GEZE TS 5000 R-ISM system on a steel door

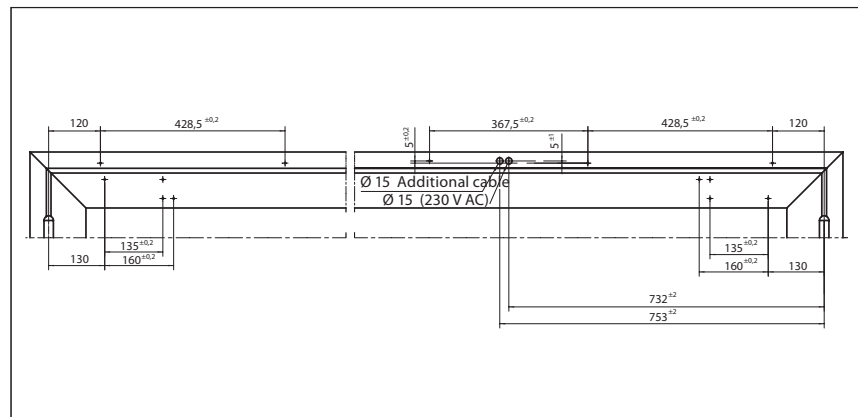
Direct mounting



Section = direct mounting

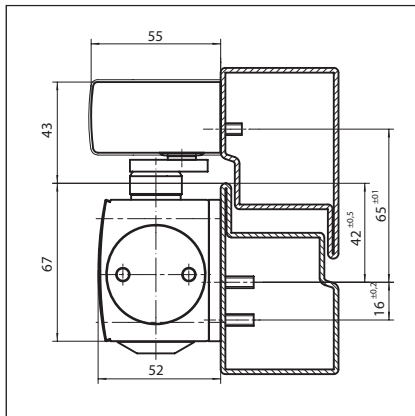


Fitting dimensions left-hand leaf = active leaf, right-hand leaf = fixed leaf

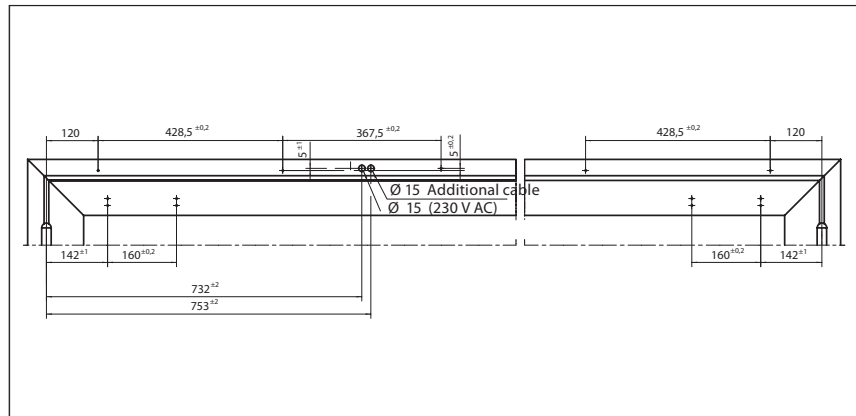


Fitting dimensions right-hand leaf = active leaf, left-hand leaf = fixed leaf

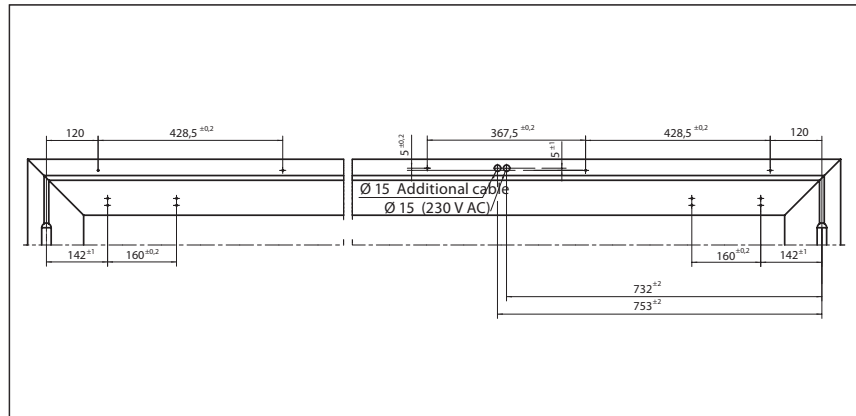
Mounting with mounting plate



Section = mounting with mounting plate



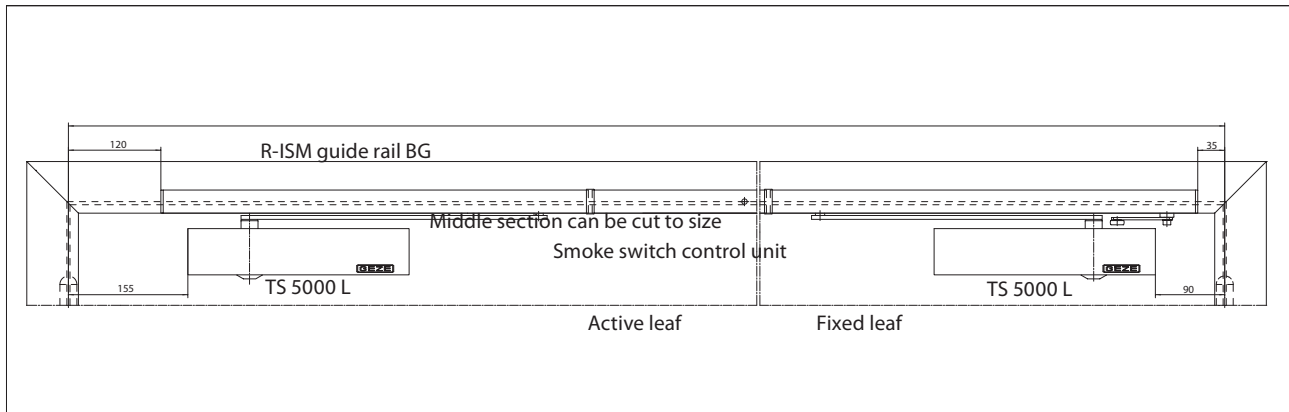
Fitting dimensions left-hand leaf = active leaf, right-hand leaf = fixed leaf



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

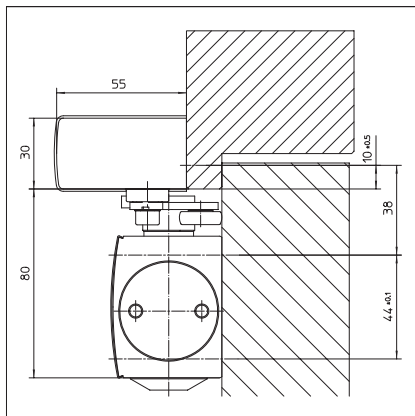
Door leaf mounting/opposite the hinge side TS 5000 L-R-ISM-VP

View

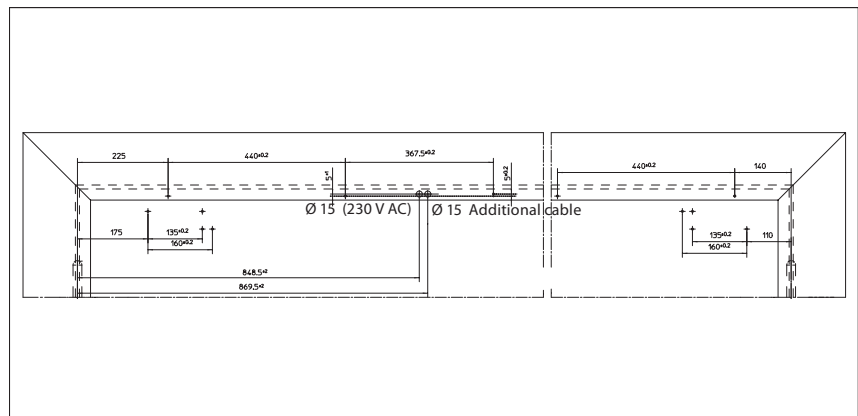


Mounting example of the GEZE TS 5000 L-R-ISM-VP

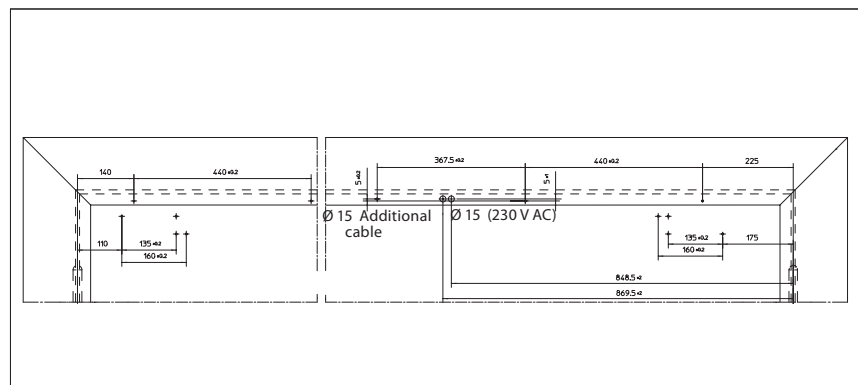
Direct mounting



Section = direct mounting

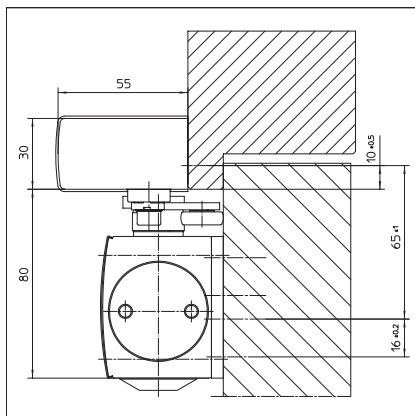


Fitting dimensions right-hand leaf = active leaf, left-hand leaf = fixed leaf

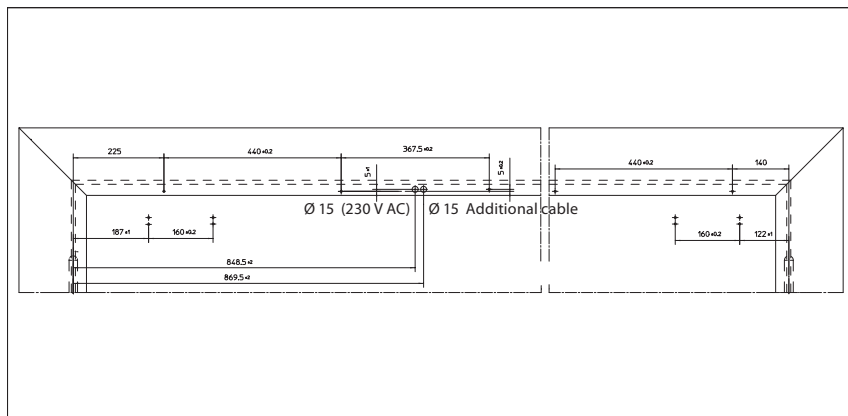


Fitting dimensions right-hand leaf = fixed leaf, left-hand leaf = active leaf

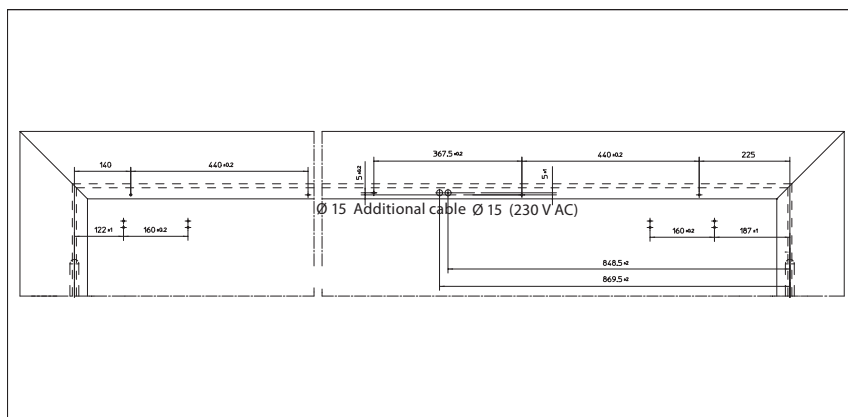
Mounting with mounting plate



Section = mounting with mounting plate



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



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

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 backcheck (without guide rail and lever)	dark bronze	027334
	to RAL ²⁾	027336
	white RAL 9016	027335
	silver	027333
GEZE TS 5000 L closer Size EN 2-6, with backcheck (without guide rail and lever)	dark bronze ²⁾	029399
	to RAL ²⁾	027352
	silver ²⁾	027351
	white RAL 9016 ²⁾	029400
TS 5000 R-ISM guide rail continuous, with integrated closing sequence control, electrical hold-open on both sides, smoke switch control unit and levers	dark bronze	115615
	to RAL ²⁾	115618
	Stainless steel effect	115617
	white RAL 9016	115616
	silver	115614
TS 5000 R-ISM guide rail, extra long continuous, extra length up to 3200 mm, with integrated closing sequence control, electrical hold-open on both sides, smoke switch control unit and levers	to RAL ²⁾	115627
	silver	115626
TS 5000 R-ISM/G guide rail continuous, with integrated closing sequence control, electrical hold-open on the active leaf, smoke switch control unit and levers	to RAL ²⁾	115621
	Stainless steel effect	115620
	silver	115619
TS 5000 R-ISM guide rail BG VP continuous, with integrated closing sequence control, electrical hold-open on both sides, smoke switch control unit and levers	silver	133711
	to RAL ²⁾	133714
	Stainless steel effect ¹⁾	133713
	white RAL 9016	133712
Installation materials		
Guide rail mounting plate for R-ISM guide rail	to RAL ²⁾	118701
	silver	118690
Door closer mounting plate for TS 5000/4000 with drilling pattern to EN 1154 supplement 1.	silver	049185
	dark bronze	052351
	to RAL ²⁾	029176
	galvanised	057956
	white RAL 9016	068627
Guide rail BG mounting plate for ISM / E-ISM / R-ISM guide rail	to RAL ²⁾	118705
	silver	118704
Lintel casing bracket, guide rail BG for ISM / E-ISM / R-ISM guide rail	to RAL ²⁾	134817
	silver	134816
Accessories		
Door closer cap for TS 5000/TS 4000	dark bronze	067725
	brass	072698
	to RAL ²⁾	000756
	Stainless steel	072696
	silver	067724
	white RAL 9016	067726
GEZE RS 5 smoke switch for mounting on ceiling and lintel	dark bronze	028939
	to RAL ²⁾	028941
	Stainless steel effect ¹⁾	028942
	silver	027052
	white RAL 9016	028940
GEZE interrupter button Concealed version, for manual release of electrically controllable door closers and retention magnets	alpine white	116266
Surface-mounted box pack		120503

1) For dry rooms only

2) Additional charge for special RAL colours, see general information

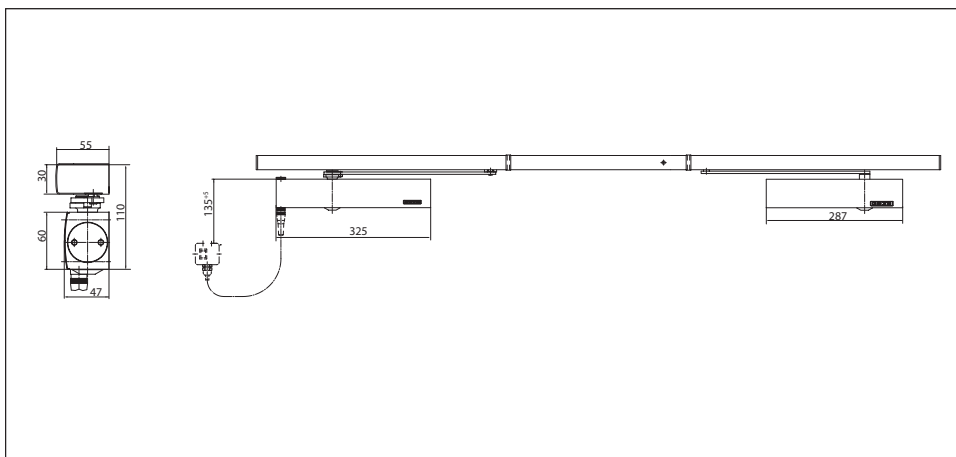
GEZE TS 3000 V / SYSTEM TS 5000

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 hold-open 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 hold-open), 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 thanks 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 hold-open system has national technical approval.

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 EN1154	2 - 6	2 - 5
Recommended leaf width, up to	1400 mm	1250 mm
Same version for left and right-hung doors	●	●
Supply voltage		24V DC
Product tested to	Door closer tested to EN1154	Door closer tested to EN1154 Hold-open device tested to EN1154
Fire door suitability	●	●
Mounting plate with hole pattern to EN1154 supplement	●	●
Length	287 mm	325 mm
Overall depth	47 mm	46 mm
Height	60 mm	
Functions		
Adjustable closing force	Yes, continuously	
Adjustable closing speed	●	●
Adjustable end stop	Yes, via valve	
Integrated backcheck	Yes, hydraulically adjustable	No
Position of closing force adjustment	Front	
Visual display of the closing force	●	●
Safety valve against wilful damage	●	●
Thermo-control valves	●	●

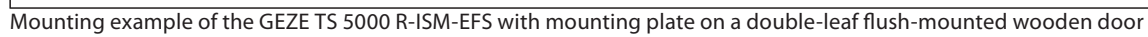
Guide rail technical data:

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 EN1158 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	d
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

View



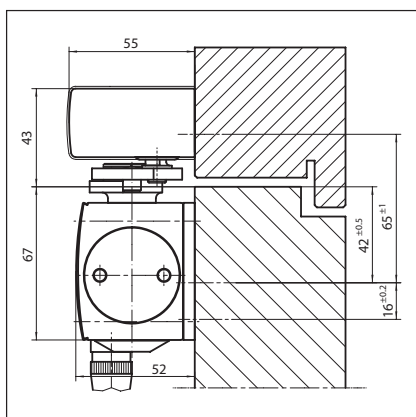
Technical drawing of a 1/2 inch NPT female fitting. The drawing shows a side view and a cross-section. Dimensions are indicated in inches:

- Overall length: 55
- Threaded section length: 43
- Overall diameter: 67
- Threaded section diameter: 47
- Flange thickness: 15
- Flange outer diameter: 44 ± 0.1
- Flange inner diameter: 38

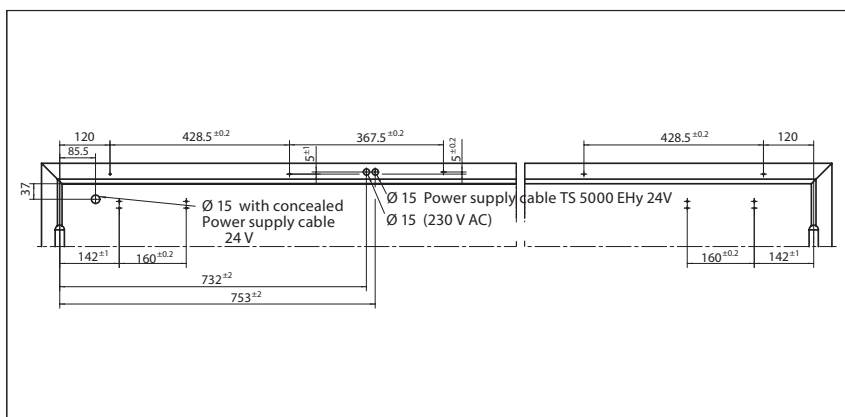
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Fitting dimensions right-hand leaf = active leaf, left-hand leaf = fixed leaf

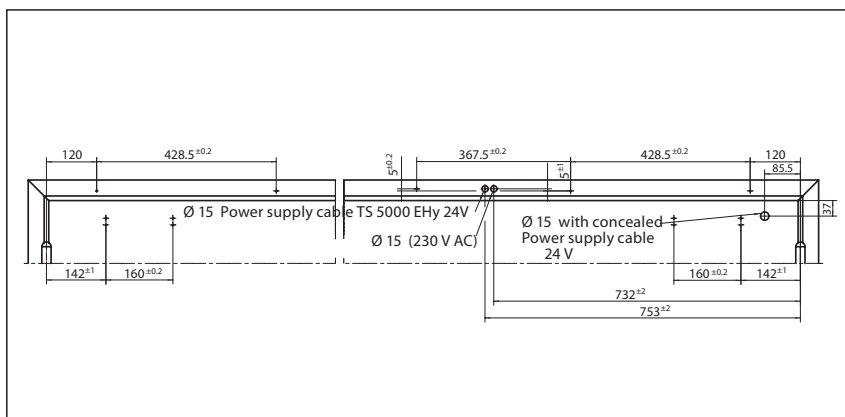
Mounting with mounting plate



Section = mounting with mounting plate



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



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

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 backcheck (without guide rail and lever)	dark bronze	027334
	to RAL ²⁾	027336
	white RAL 9016	027335
	silver	027333
GEZE TS 5000 E-HY closer Size EN 2-5, door leaf mounting, hinge side, with electrical hold-open for freeswing function (without guide rail and lever)	to RAL ²⁾	099129
	silver	121389
TS 5000 R-ISM-EFS guide rail continuous, with integrated closing sequence control, smoke switch control unit, freeswing lever on the active leaf, normal lever on the fixed leaf	to RAL ²⁾	121455
	silver	121453
Installation materials		
Guide rail mounting plate for R-ISM guide rail	to RAL ²⁾	118701
	silver	118690
Door closer mounting plate for TS 5000 EFS/RFS/EHY / 4000 E with drilling pattern to EN 1154 supplement 1.	to RAL ²⁾	100044
	silver	059107
Door closer mounting plate for TS 5000/4000 with drilling pattern to EN 1154 supplement 1.	silver	049185
	dark bronze	052351
	to RAL ²⁾	029176
	galvanised	057956
	white RAL 9016	068627
Accessories		
GEZE RS 5 smoke switch for mounting on ceiling and lintel	dark bronze	028939
	to RAL ²⁾	028941
	Stainless steel effect ¹⁾	028942
	silver	027052
	white RAL 9016	028940
GEZE interrupter button Concealed version, for manual release of electrically controllable door closers and retention magnets	alpine white	116266
Surface-mounted box pack		120503
1) For dry rooms only		
2) Additional charge for special RAL colours, see general information		

GEZE T-STOP guide rail with pivot bearing

Opening restrictor for doors without door closers

The GEZE T-STOP guide rail in combination with the surface-mounted GEZE pivot bearing enables doors to be installed without door stops getting in the way. The entrance becomes more aesthetically pleasing because the "stumbling blocks" and dirty corners caused to date by floor-mounted door stops no longer exist. The risk of being crushed between the door leaf and floor-mounted door stop, e.g. in kindergartens and schools, is therefore removed.

Optionally, the T-STOP guide rail can also be equipped with mechanical latching hold-open device; in this way the doors can easily be fixed in the open position.

The GEZE T-STOP guide rail is made from specially reinforced aluminium profile with integrated restricting mechanism. The restricting position is freely adjustable, it is installed with the identical drilling pattern to the standard guide rail and therefore requires no special adjustment. Its use on heavy doors and doors subjected to wind loads requires prior clarification.

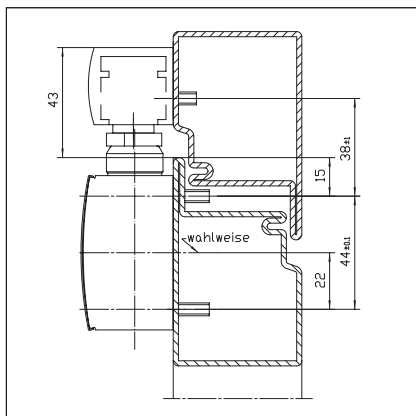
GEZE T-STOP guide rail with pivot bearing



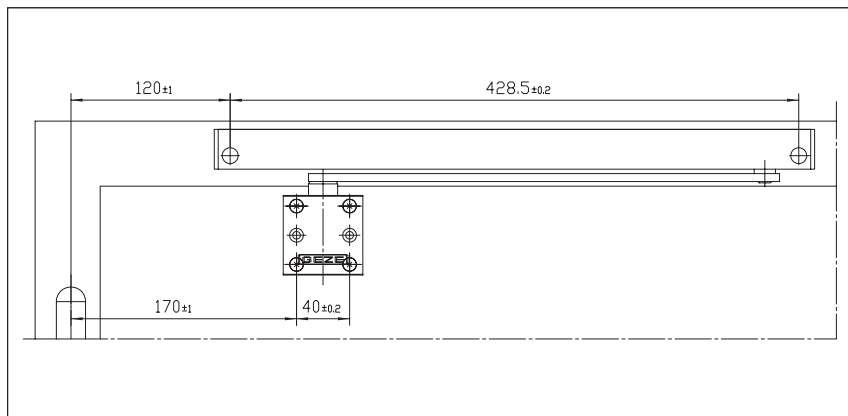
Applications

- Opening restrictor for single-action doors without door closers
- Can be used for right and left-hand doors without conversion

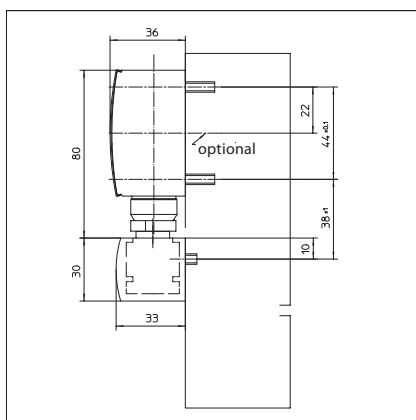
Door leaf mounting/hinge side T-STOP guide rail



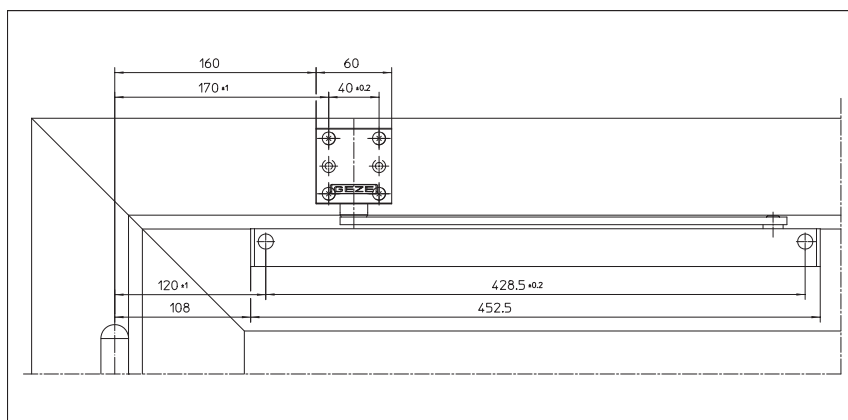
Section = direct mounting



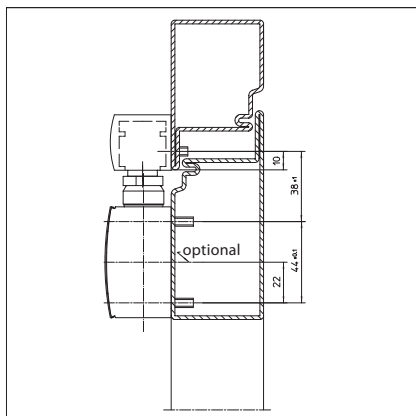
Frame mounted/hinge side T-STOP guide rail



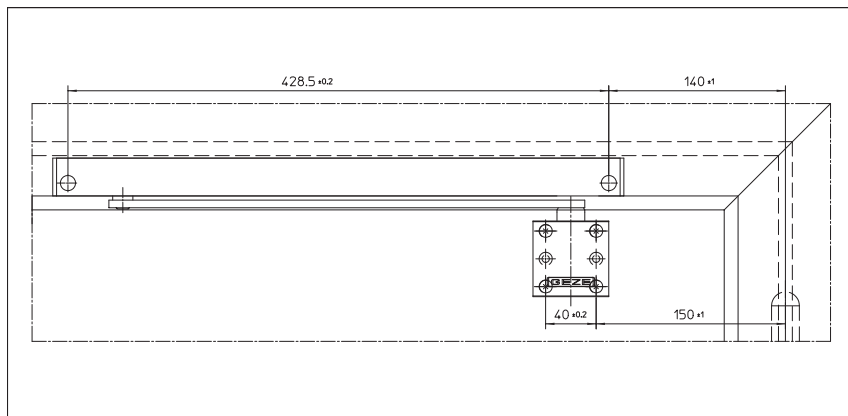
Section = direct mounting

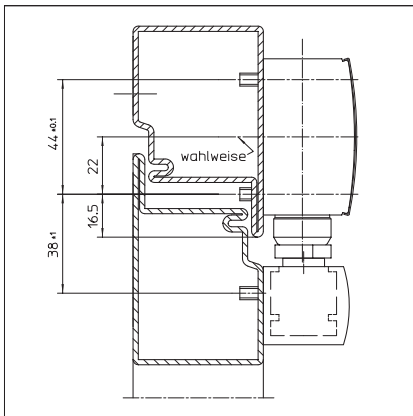


Door leaf mounting/opposite the hinge side T-STOP guide rail BG

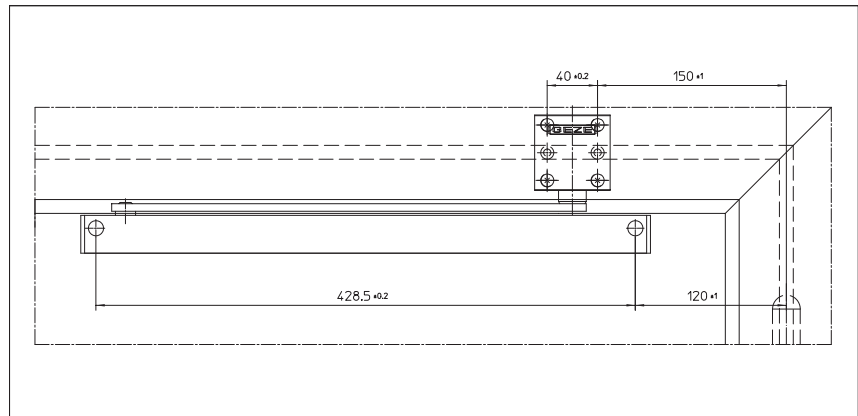


Section = direct mounting



Frame mounted/opposite the hinge side T-STOP guide rail BG

Section = direct mounting

**GEZE T-STOP guide rail with pivot bearing - order information**

Description	Version	ID. No.
T-STOP guide rail TS 5000/3000 with integrated opening restrictor and lever	to RAL ²⁾	102365
	Stainless steel effect ¹⁾	102364
	silver	102363
	white RAL 9016	108481
T-STOP guide rail BG TS 5000/3000 with integrated opening restrictor and lever, use for closer mounted on leaf, side opposite hinge	to RAL ²⁾	102368
	Stainless steel effect ¹⁾	102367
	silver	102366
	white RAL 9016	108482
Pivot bearing for T-STOP guide rail surface-mounted	to RAL ²⁾	112690
	silver	112688
	white RAL 9016	112689
Installation materials		
Guide rail BG mounting plate for Standard / T-STOP / EFS guide rail	to RAL ²⁾	124684
	silver	124683
Guide rail mounting plate for Standard / T-STOP / EFS guide rail	to RAL	104515
	white RAL 9016	129252
	silver	001512
Lintel casing bracket, guide rail BG for T-STOP guide rail	to RAL ²⁾	115007
	silver	115006

1) For dry rooms only

2) Additional charge for special RAL colours, see general information

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

silver



dark bronze



white RAL 9016



Polished brass

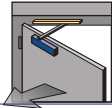
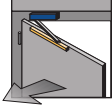
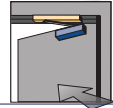

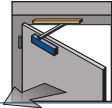

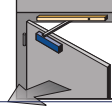

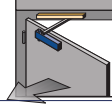
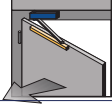
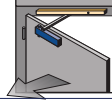
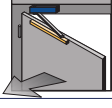
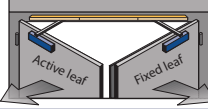
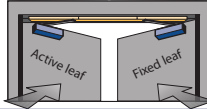
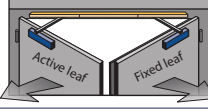
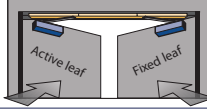
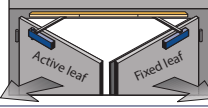
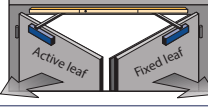
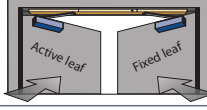
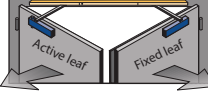


Niro

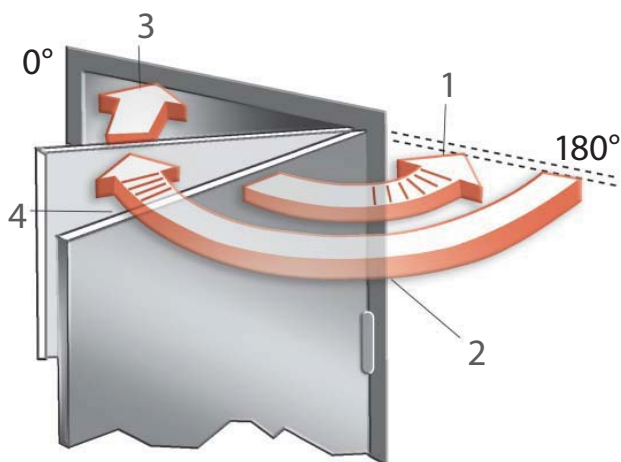


Further RAL colours available on request.

GEZE TS 5000 system - mounting options

Application / Version		Door closer mounted on hinge side		Door closer mounted opposite the hinge side	
		Door leaf mounted	Frame mounted	Door leaf mounted	Frame mounted
1-leaf	Normal version / with delayed closing	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 Smoke switch control unit	TS 5000 R 		TS 5000 L-R 	
	Electromechanical hold-open with freeswing function	TS 5000 EFS 	TS 5000 EFS 		
	Electromechanical hold-open Smoke switch control unit with freeswing function	TS 5000 RFS 	TS 5000 RFS 		
2-leaf	Integrated mechanical closing sequence control	TS 5000 ISM 		TS 5000 L-ISM 	
	Integrated mechanical closing sequence control Electromechanical Hold-open on both sides	TS 5000 E-ISM 		TS 5000 L-E ISM 	
	Integrated mechanical closing sequence control, with freeswing function at active-leaf	TS 5000 ISM-EFS 			
	Integrated mechanical closing sequence control, Electromechanical Hold-open on both sides Smoke switch control unit	TS 5000 R-ISM 		TS 5000 L-R ISM 	
	Integrated mechanical closing sequence control, Freeswing function at active leaf Smoke switch control unit	TS 5000 R-ISM EFS 			

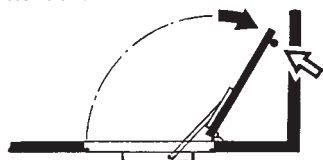
General product functions and information GEZE overhead door closers with guide rail



- 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 speed with which a door is closed can be individually adjusted.
- 3) Limit stop
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 passers have sufficient time to get through the door.

Especially for mounting on the side opposite the hinge

Attention!



Limit the maximum door opening angle using a door stop or use of the 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.

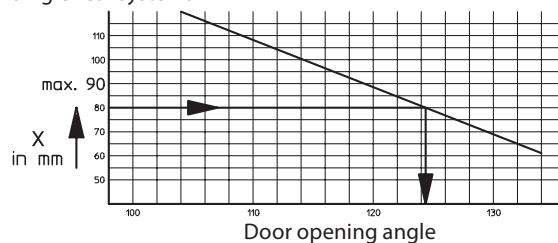
If the structural (door height, door weight) or local conditions (wind) require, the next-highest size must be set.

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.

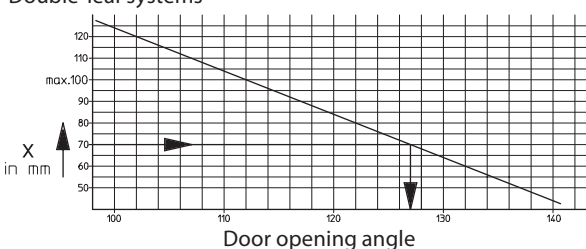
Door closer size EN	Door leaf width (mm)
Thickness 1	up to 750
Thickness 2	over 750 up to 850
Thickness 3	over 850 up to 950
Thickness 4	over 950 up to 1100
Thickness 5	over 1100 up to 1250
Thickness 6	over 1250 up to 1400

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

Single-leaf systems



Double-leaf systems



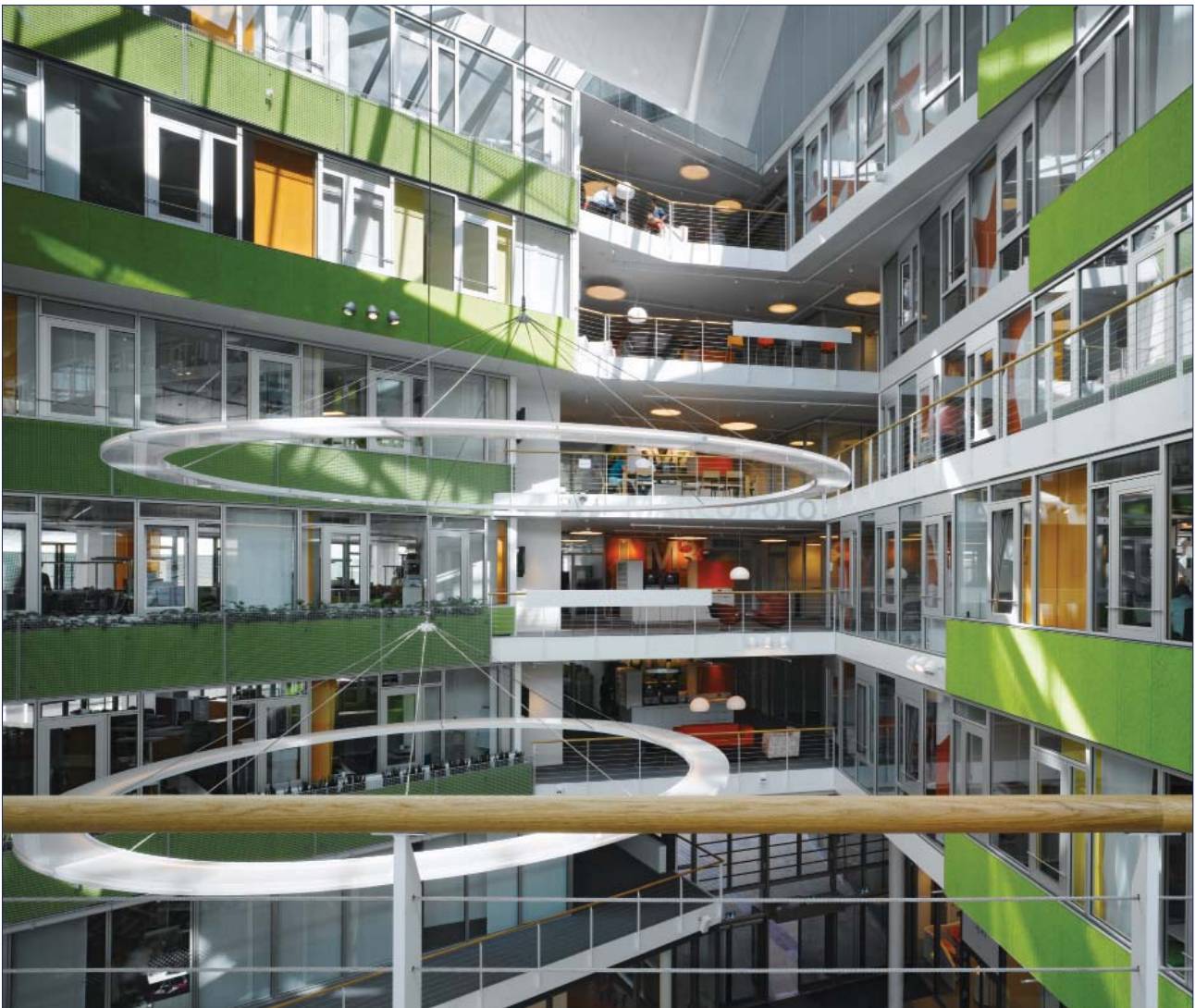
GEZE References



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