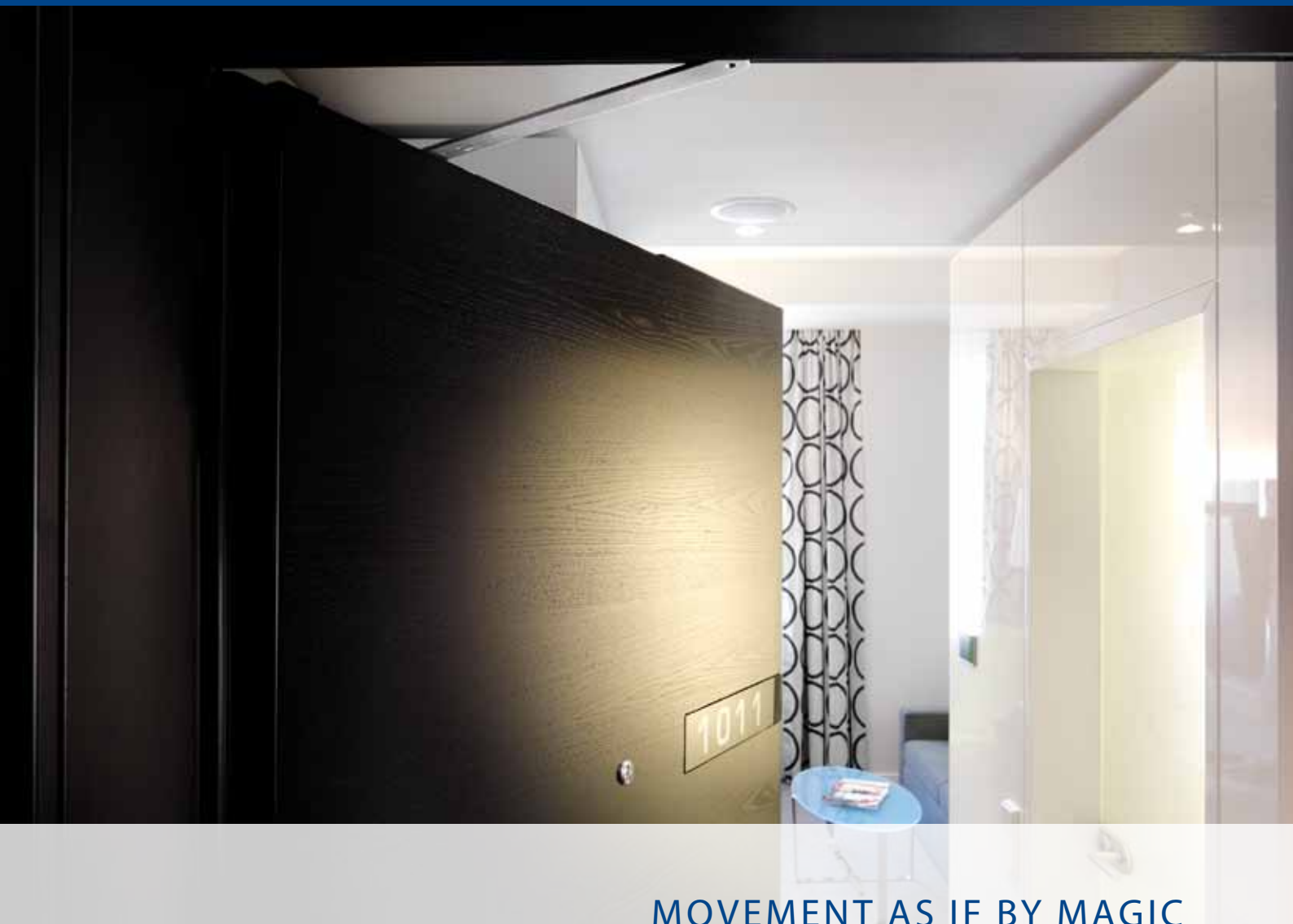




MOVEMENT AS IF BY MAGIC
INTEGRATED DOOR CLOSERS – GEZE BOXER RANGE



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GEZE Boxer

Integrated door closer for single-leaf doors with a leaf width of up to 1400 mm

The GEZE Boxer integrated door closer for single-leaf doors is incorporated discreetly into the door leaf and frame. The guide rail and lever are only visible when the door is open. Once the door is installed, the closing force and speed, latching action and hydraulic back check can be conveniently adjusted from the top. The door closer can be used for right and left single-action doors without any need for conversion.

An additional door suitability certificate is required for fireproof doors. The door must be limited at an opening angle of about 120°.

Optional:

Mechanical hold-open

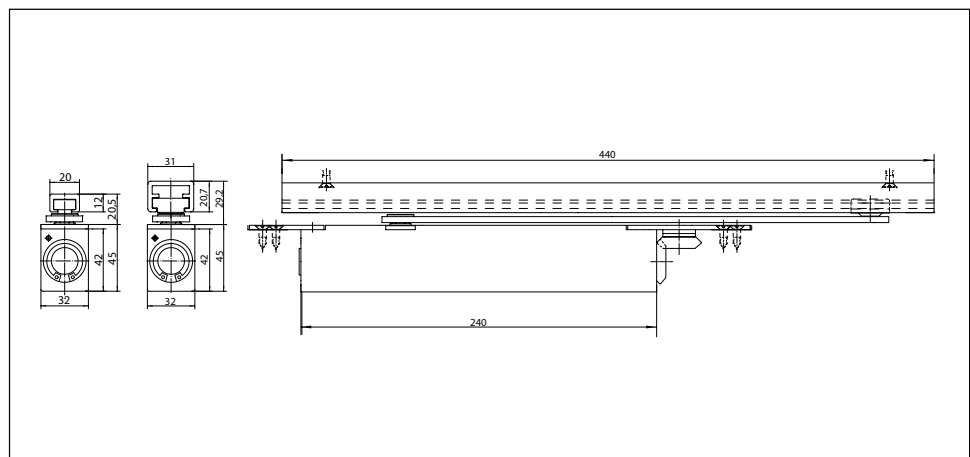
The hold-open angle can be set anywhere between about 80° and 120°, the hold-open retention force is adjustable.

Please note: Not permitted for use on fireproof doors.

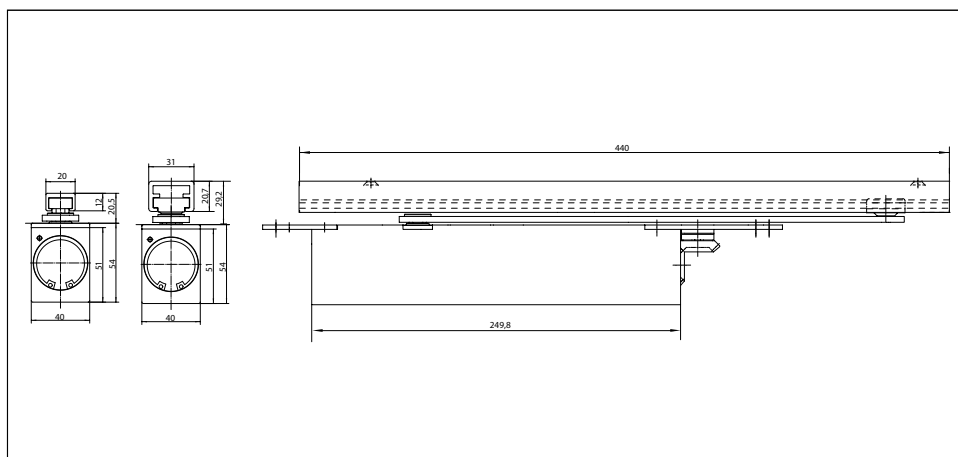
GEZE Boxer



GEZE Boxer



Size 2-4



Size 3-6

Application range

- Compatible with left-hand and right-hand doors without the need for conversion
- Closer size 2-4 for interior doors up to a leaf width of 1100 mm and a leaf weight of 130 kg
- Closer size 3-6 for interior and exterior doors up to a leaf width of 1400 mm and a leaf weight of 180 kg
- Door leaf thickness from 40 mm for size 2-4, from 50 mm for size 3-6
- For fireproof doors with appropriate suitability certificate

Technical specifications: Closer

Product features	GEZE Boxer 2-4 closer	GEZE Boxer 3-6 closer
Closing force in accordance with EN 1154	2 - 4	3 - 6
Leaf width recommended up to	1100 mm	1400 mm
Leaf weight recommended up to	130 kg	180 kg
Minimum leaf thickness	40	50
Identical version DIN-L and DIN-R	•	•
Product tested in acc. with	Door closer tested in acc. with EN 1154	
Length	286 mm	293 mm
Installation depth	32 mm	40 mm
Height	45 mm	54 mm

Functions

Adjustable closing force	Yes, infinitely variable	
Adjustable closing speed	•	•
Adjustable latching action	Yes, via valve	
Integrated back check	Yes, hydraulically adjustable	
Closing force adjustment position	Top	
Safety valve to protect against vandalism	•	•

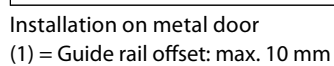
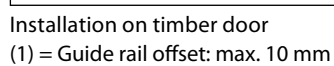
Technical specifications: Guide rail

Product features	Boxer guide rail 12 mm	Boxer guide rail 20,7 mm
For use on single-action/double-action doors	Single-action door	
Length	440 mm	
Installation depth	20 mm	31 mm
Height	12 mm	20,7 mm
Functions		
Integrated opening restrictor	○	○
Integrated hold-open mechanism	○	○

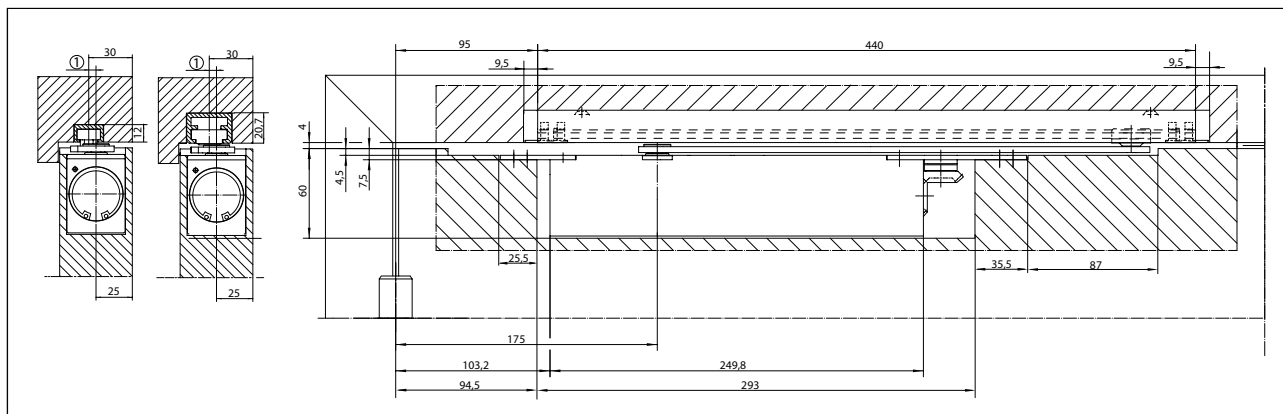
○ = Optional

• = Standard

Boxer size 2-4

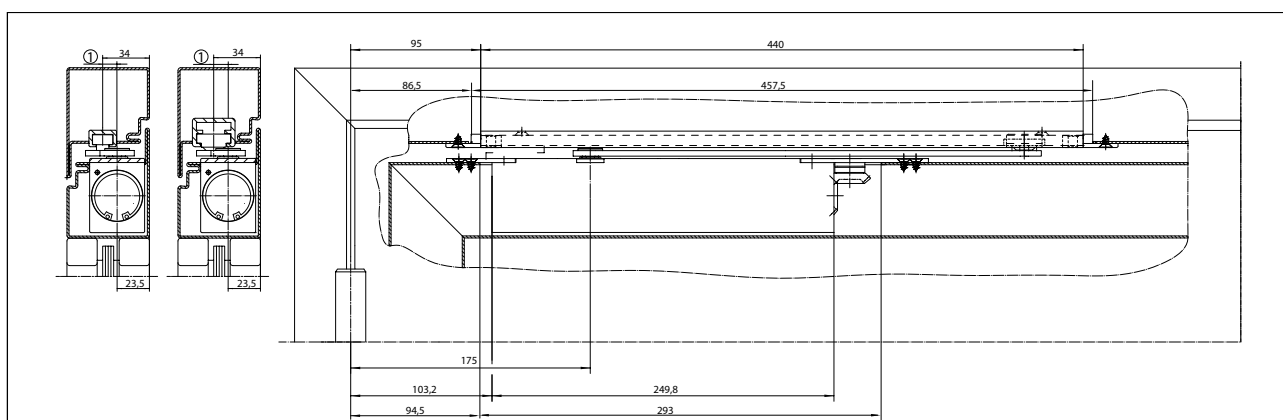


Boxer size 3-6



Installation on timber door

(1) = Guide rail offset: max. 10 mm



Installation on metal door

(1) = Guide rail offset: max. 10 mm

GEZE Boxer – Ordering information

Description	Version	ID no.
GEZE Boxer 2-4 closer Size EN 2-4 with back check (without guide rail)	0 mm	099728
	Spindle extension 4 mm	101759
	8 mm	101760
GEZE Boxer 3-6 closer Size EN 3-6 with back check (without guide rail)	0 mm	099735
	Spindle extension 4 mm	101761
	8 mm	101762
Boxer guide rail, 12 mm with lever, installation height: 12 mm	silver	129213
	acc. to RAL ¹⁾	135732
Boxer guide rail, 20,7 mm with lever, installation height: 20,7 mm	silver	112161
Boxer guide rail, 20.7 mm with lever and mechanical hold-open, installation height: 20.7 mm	silver	095141
	acc. to RAL ¹⁾	135689
Accessories		
Mechanical hold-open unit for Standard / T-STOP / Boxer 20.7 mm guide rail, adjustable retention force, can be activated/deactivated and overridden		071924
Mechanical hold-open unit for Boxer 12 mm guide rail, adjustable retention force, cannot be overridden		129145
Flexible opening restrictor for lightweight doors for riveted, Standard BG and Boxer 20.7 mm guide rails		069780
Flexible opening restrictor for lightweight doors for Boxer 12 mm guide rail		129343

¹⁾ Surcharge for special RAL colours, see general information



Werfthaus, Frankfurt



VitraHaus, Weil am Rhein

GEZE Boxer E

Integrated door closer for single-leaf doors with a leaf width of up to 1400 mm, with electrical hold-open

The GEZE Boxer integrated door closer with electrical hold-open in the guide rail is suitable for single-leaf doors and is incorporated discreetly into the door leaf and frame. The E guide rail with electrical hold-open is tested to EN 1155 and only visible when the door is open. The retention force of the hold-open mechanism is infinitely adjustable; the hold-open point can be set anywhere between about 80° and about 120°. The hold-open point can be overridden, i.e. the door can be opened wider if needed.

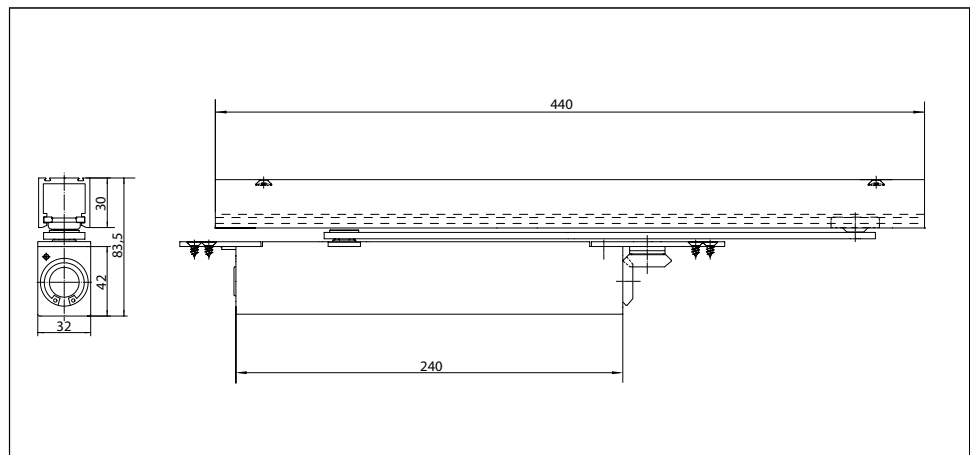
Once the door is installed, the closing force and speed, latching action and hydraulic back check can be conveniently adjusted from the top. The door closer can be used for right and left single-action doors without any need for conversion.

An additional door suitability certificate is required for fireproof doors. The Boxer E is building code approved with the GEZE smoke switch control units RSZ6 and RSZ5. The door must be limited at an opening angle of about 120°.

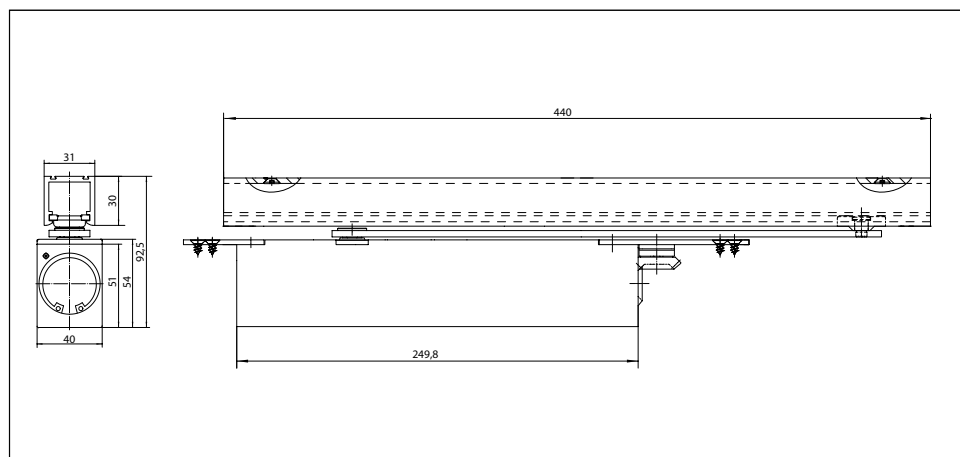
GEZE Boxer E



GEZE Boxer E



Size 2-4



Size 3-6

Application range

- Compatible with left-hand and right-hand doors without the need for conversion
- Closer size 2-4 for interior doors up to a leaf width of 1100 mm and a leaf weight of 130 kg
- Closer size 3-6 for interior and exterior doors up to a leaf width of 1400 mm and a leaf weight of 180 kg
- Door leaf thickness from 40 mm for size 2-4, from 50 mm for size 3-6
- For fireproof doors with appropriate suitability certificate

Technical specifications: Closer

Product features	GEZE Boxer 2-4 closer	GEZE Boxer 3-6 closer
Closing force in accordance with EN 1154	2 - 4	3 - 6
Leaf width recommended up to	1100 mm	1400 mm
Leaf weight recommended up to	130 kg	180 kg
Minimum leaf thickness	40	50
Identical version DIN-L and DIN-R	•	•
Product tested in acc. with	Door closer tested in acc. with EN 1154	
Length	286 mm	293 mm
Installation depth	32 mm	40 mm
Height	45 mm	54 mm

Functions

Adjustable closing force	Yes, infinitely variable	
Adjustable closing speed	•	•
Adjustable latching action	Yes, via valve	
Integrated back check	Yes, hydraulically adjustable	
Closing force adjustment position	Top	
Safety valve to protect against vandalism	•	•

○ = Optional

● = Standard

Technical specifications: Guide rail

Product features	Boxer E guide rail
For use on single-action/double-action doors	Single-action door
Supply voltage	24V DC
Enclosure rating	IP 43
Product tested in acc. with	Hold-open mechanism tested in acc. with EN 1155
Length	440 mm
Installation depth	31 mm
Height	30 mm

Functions

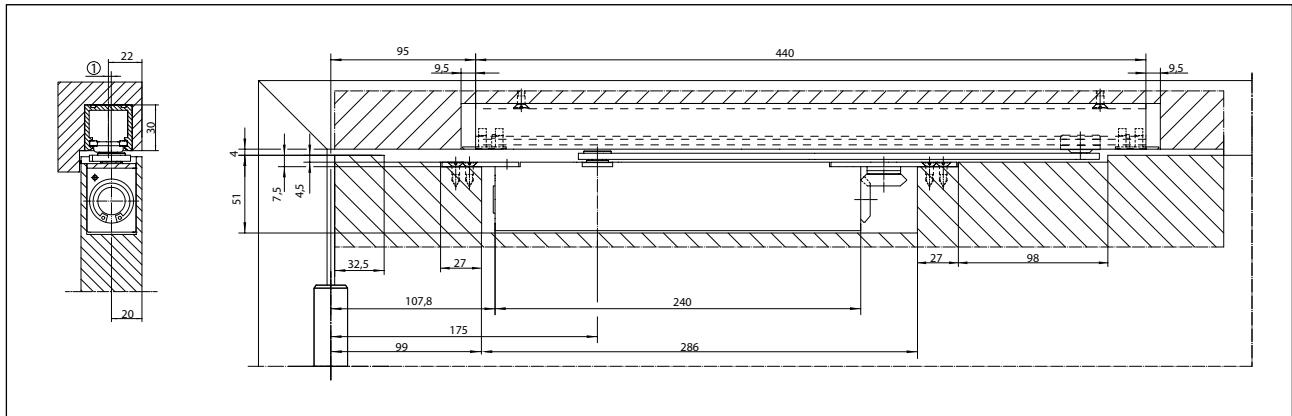
Integrated hold-open mechanism	Electrical
Hold-open mechanism, can be activated or deactivated	•
Hold-open mechanism can be overridden	•

○ = Optional

● = Standard

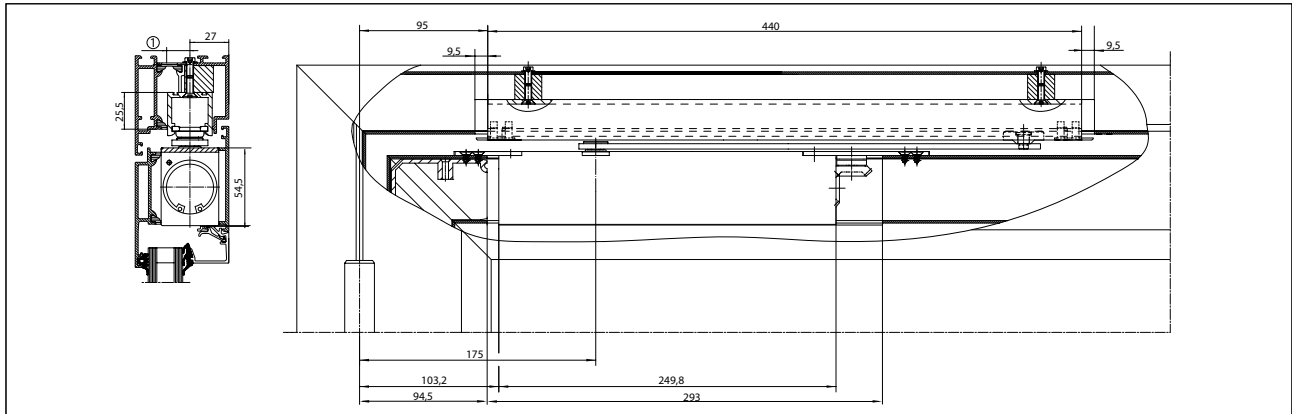


VitraHaus, Weil am Rhein

Installation drawings**Boxer E size 2-4**

Installation on timber door

(1) = Guide rail offset: max. 10 mm

Boxer E size 3-6

Installation on metal door

(1) = Guide rail offset: max. 10 mm

GEZE Boxer E – Ordering information

Description	Version	ID no.
GEZE Boxer 2-4 closer Size EN 2-4 with back check (without guide rail)	0 mm	099728
	Spindle extension 4 mm	101759
	8 mm	101760
GEZE Boxer 3-6 closer Size EN 3-6 with back check (without guide rail)	0 mm	099735
	Spindle extension 4 mm	101761
	8 mm	101762
Boxer E guide rail with lever and electrical hold-open	silver	119640
	acc. to RAL ²⁾	135775
Accessories		
GEZE smoke switch control unit RSZ6 Smoke switch and energy supply for all GEZE hold-open mechanisms	silver	099851
	dark bronze	099857
	white RAL 9016	099858
	Stainless steel effect ¹⁾	099856
	acc. to RAL ²⁾	099859
GEZE smoke switch, type 142 Complete with base, 24V DC	white	091273
GEZE smoke switch RS 5 For ceiling and lintel mounting	silver	027052
	dark bronze	028939
	white RAL 9016	028940
	Stainless steel effect ¹⁾	028942
	acc. to RAL ²⁾	028941
GEZE circuit breaker Concealed version, for manual release of electrical hold-open mechanisms	Alpine white	116266
Single surface-mounted socket matches the AS500 switch range		120503
GEZE circuit breaker with glass pane and 5 interchangeable labels Concealed version, for manual release of electrical hold-open mechanisms	Alpine white	120880
Replacement glass pane for GEZE circuit breaker 120880		010994

1) Only suitable for dry rooms

2) Surcharge for special RAL colours, see general information



Hotel InterContinental Resort, Berchtesgaden



Gerechtsbouw, Gent

GEZE Boxer EFS

Integrated door closer for single-leaf doors with a leaf width of up to 1100 mm, with electrical freeswing function

The freeswing function offered by the Boxer EFS EN4 integrated door closer enables barrier-free passage through single-leaf doors. The door closer is fully incorporated into the leaf and frame. The guide rail and lever are therefore not visible when the door is closed. The freeswing function allows doors to be used with minimum resistance in the direction of opening or closing – e.g. in homes for the elderly or hospitals –after the door has been opened once (such as in the morning). The door closer can be used for right and left single-action doors without any need for conversion. Once installed, the closing speed, latching action and mechanical back check in the guide rail can be adjusted.

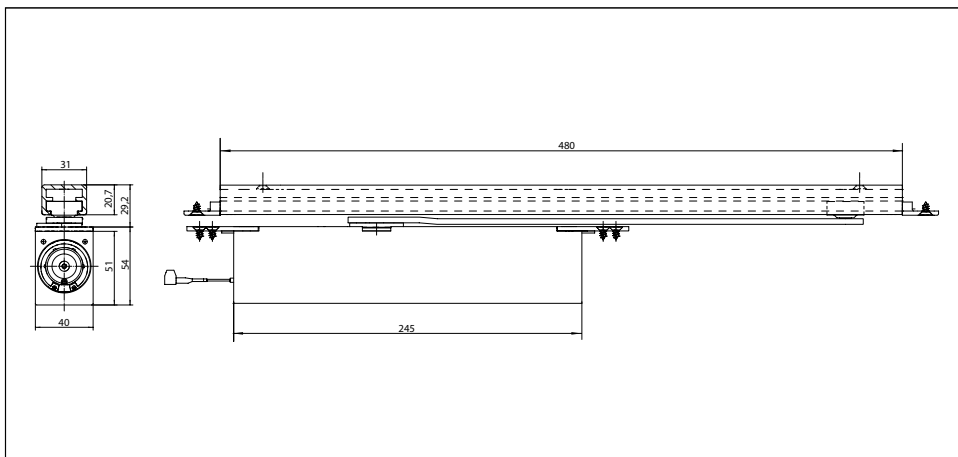
An additional door suitability certificate is required for fireproof doors. The closer is tested to EN 1155 and is building code approved with the GEZE smoke switch control units RSZ6 and RSZ5. The door must be limited at an opening angle of about 120°.

Please note: The guideline for hold-open mechanisms issued by the DIBt stipulates the mandatory use of a circuit break on door closers with freeswing function.

GEZE Boxer EFS



GEZE Boxer EFS



Application range

- Compatible with left-hand and right-hand doors without the need for conversion
- Closer size 4 for doors up to a leaf width of 1100 mm and a leaf weight of 130 kg
- Leaf thickness min. 50 mm
- For fireproof doors with appropriate suitability certificate

Technical specifications: Closer

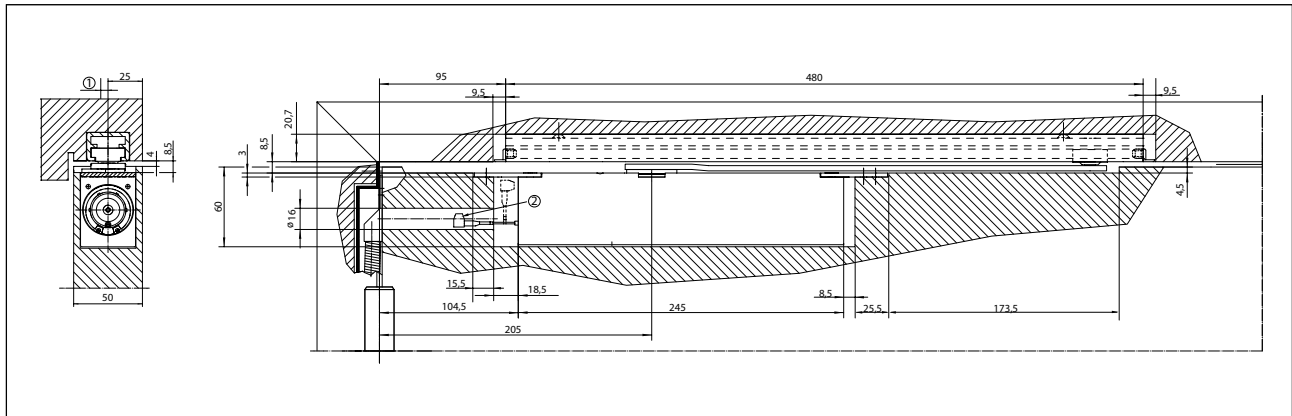
Product features	GEZE Boxer EFS complete package
Closing force in accordance with EN 1154	4
Leaf width recommended up to	1100 mm
Leaf weight recommended up to	130 kg
Minimum leaf thickness	50
Identical version DIN-L and DIN-R	●
Supply voltage	24V DC
Enclosure rating	IP 43
Product tested in acc. with	Door closer tested in acc. with EN 1154 Hold-open mechanism tested in acc. with EN 1155
Length	245 mm
Installation depth	40 mm
Height	54 mm
Functions	
Adjustable closing force	No
Adjustable closing speed	●
Adjustable latching action	Yes, via valve
Integrated back check	Yes, mechanically in the guide rail
Safety valve to protect against vandalism	●
Integrated hold-open mechanism	electrical / for freeswing function

○ = Optional

● = Standard

Installation drawings

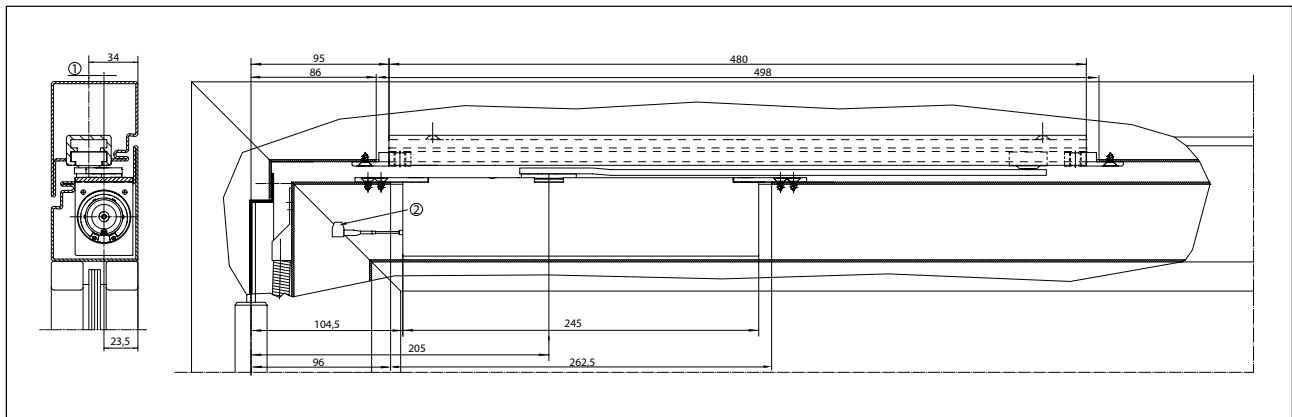
Boxer EFS



Installation on timber door

(1) = Guide rail offset: max. 10 mm

(2) = 24V DC terminal



Installation on metal door

(1) = Guide rail offset: max. 10 mm

(2) = 24V DC terminal

GEZE Boxer EFS – Ordering information

Description	Version	ID no.
GEZE Boxer EFS complete package Size EN4, with back check and freeswing guide rail	Spindle extension 0 mm	108881
Spindle extension Boxer EFS	Spindle extension 4 mm	108882
	8 mm	108883
Accessories		
GEZE smoke switch control unit RSZ6 Smoke switch and energy supply for all GEZE hold-open mechanisms	silver	099851
	dark bronze	099857
	white RAL 9016	099858
	Stainless steel effect ¹⁾	099856
	acc. to RAL ²⁾	099859
GEZE smoke switch, type 142 Complete with base, 24V DC	white	091273
GEZE smoke switch RS 5 For ceiling and lintel mounting	silver	027052
	dark bronze	028939
	white RAL 9016	028940
	Stainless steel effect ¹⁾	028942
	acc. to RAL ²⁾	028941
GEZE circuit breaker Concealed version, for manual release of electrical hold-open mechanisms	Alpine white	116266
Single surface-mounted socket matches the AS500 switch range		120503
GEZE circuit breaker with glass pane and 5 interchangeable labels Concealed version, for manual release of electrical hold-open mechanisms	Alpine white	120880
Replacement glass pane for GEZE circuit breaker 120880		010994

1) Only suitable for dry rooms

2) Surcharge for special RAL colours, see general information

GEZE Boxer ISM

Integrated door closer system for double-leaf doors with a hinge clearance of up to 2800 mm featuring integrated closing sequence control

The GEZE Boxer ISM system for double-leaf doors consists of the Boxer 2-4 or Boxer 3-6 in the door leaves and the ISM guide rail with integrated mechanical closing sequence control in accordance with EN 1158 in the frame. The ISM guide rail is only visible when the door is open. On double-leaf doors it ensures that the moving leaf always closes after the fixed leaf. Once installed, the infinitely adjustable closing force, closing speed, latching action and hydraulic back check can be adjusted on the door closers. The system can be used on DIN left and right moving leaves without the need for conversion. In addition, the closing sequence control on the ISM guide rail is extremely resistant to vandalism, i.e. the system will not suffer damage even if the moving leaf is consciously pushed closed from the waiting position.

An additional door suitability certificate is required for fireproof doors. The door must be limited at an opening angle of about 120°.

Optional:

Mechanical hold-open unit, can be retrofitted on both door leaves, adjustable hold-open retention force, the hold-open point can be overridden, i.e. the door can be opened wider if needed.

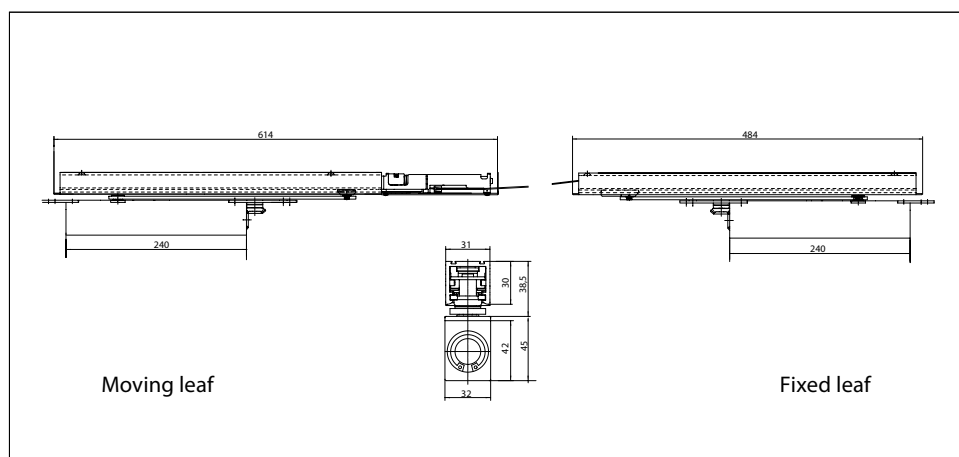
Please note: Not permitted for use on fireproof and smokeproof doors.

Special versions

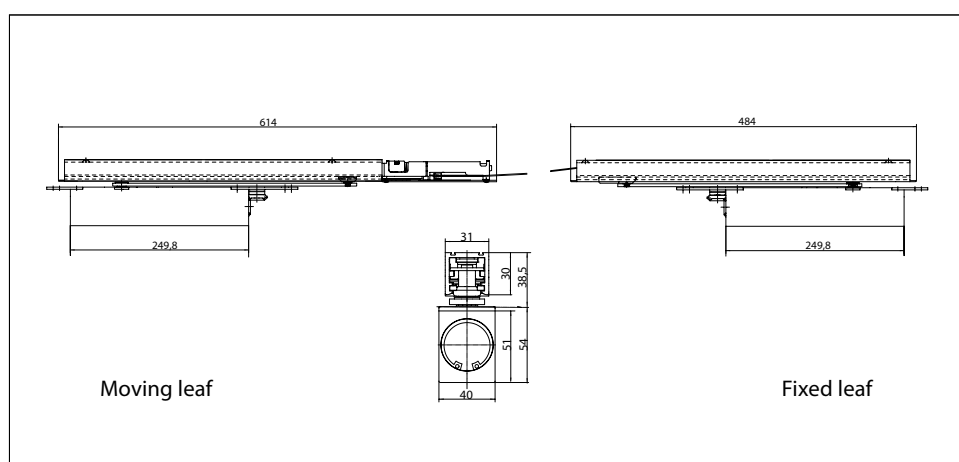
- For doors with narrow hinge clearance, from 1130 mm (opening angle max. 100°)
- For doors with small fixed leaf, from 420 mm (opening angle of fixed leaf max. 100°)

GEZE Boxer ISM

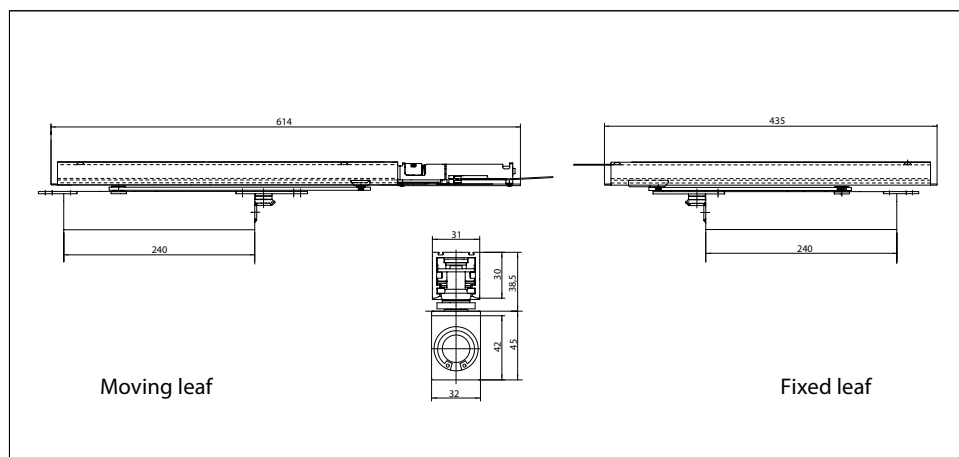


GEZE Boxer ISM

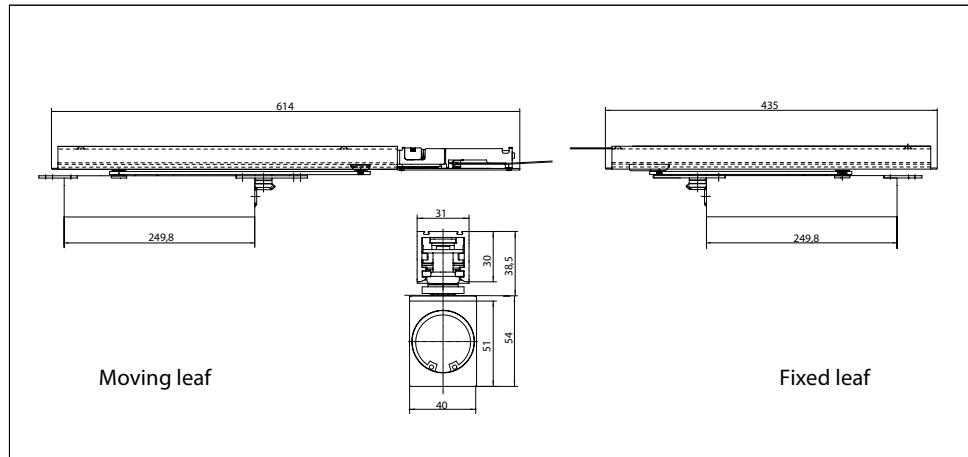
Size 2-4



Size 3-6

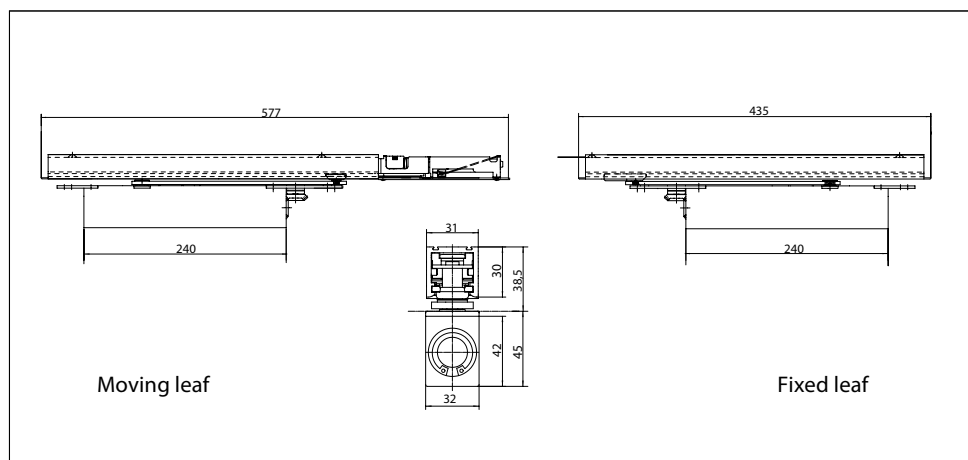
**GEZE Boxer ISM
for small fixed leaf**

Size 2-4

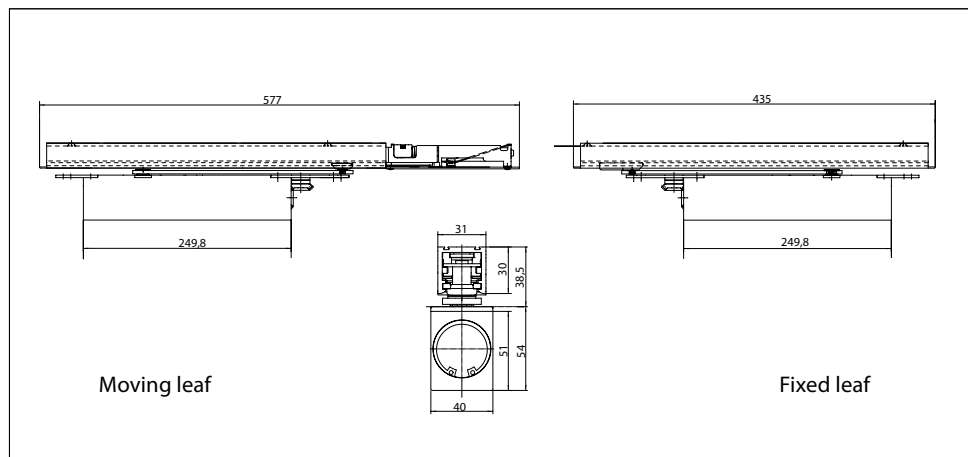


Size 3-6

GEZE Boxer ISM for small hinge clearance



Size 2-4



Size 3-6

Application range

- For double-leaf doors, leaf width of up to 1400 mm
- Min. hinge clearance = 1130 mm (version for small hinge clearance),
max. hinge clearance = 2800 mm
- Min. width of fixed leaf 420 mm (version for small fixed leaf)
- Closer size 2-4 for interior doors up to a leaf width of 1100 mm and a leaf weight of 130 kg
- Closer size 3-6 for interior and exterior doors up to a leaf width of 1400 mm
and a leaf weight of 180 kg
- Door leaf thickness from 40 mm for size 2-4, from 50 mm for size 3-6
- For fireproof doors with appropriate suitability certificate

Technical specifications: Closer

Product features	GEZE Boxer 2-4 closer	GEZE Boxer 3-6 closer
Closing force in accordance with EN 1154	2 - 4	3 - 6
Leaf width recommended up to	1100 mm	1400 mm
Leaf weight recommended up to	130 kg	180 kg
Minimum leaf thickness	40	50
Identical version DIN-L and DIN-R	•	•
Product tested in acc. with	Door closer tested in acc. with EN 1154	
Length	286 mm	293 mm
Installation depth	32 mm	40 mm
Height	45 mm	54 mm

Functions

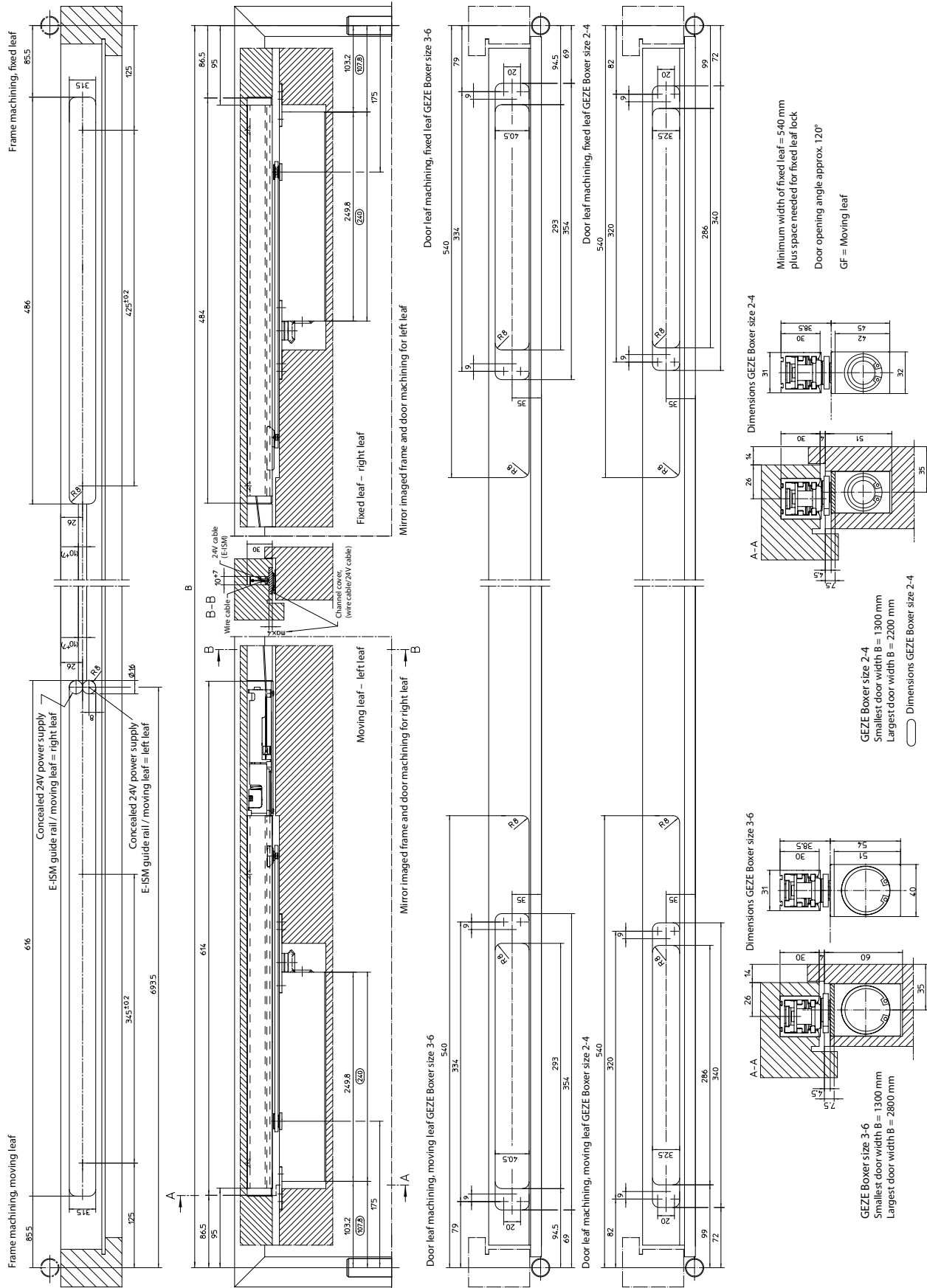
Adjustable closing force	Yes, infinitely variable	
Adjustable closing speed	•	•
Adjustable latching action	Yes, via valve	
Integrated back check	Yes, hydraulically adjustable	
Closing force adjustment position	Top	
Safety valve to protect against vandalism	•	•

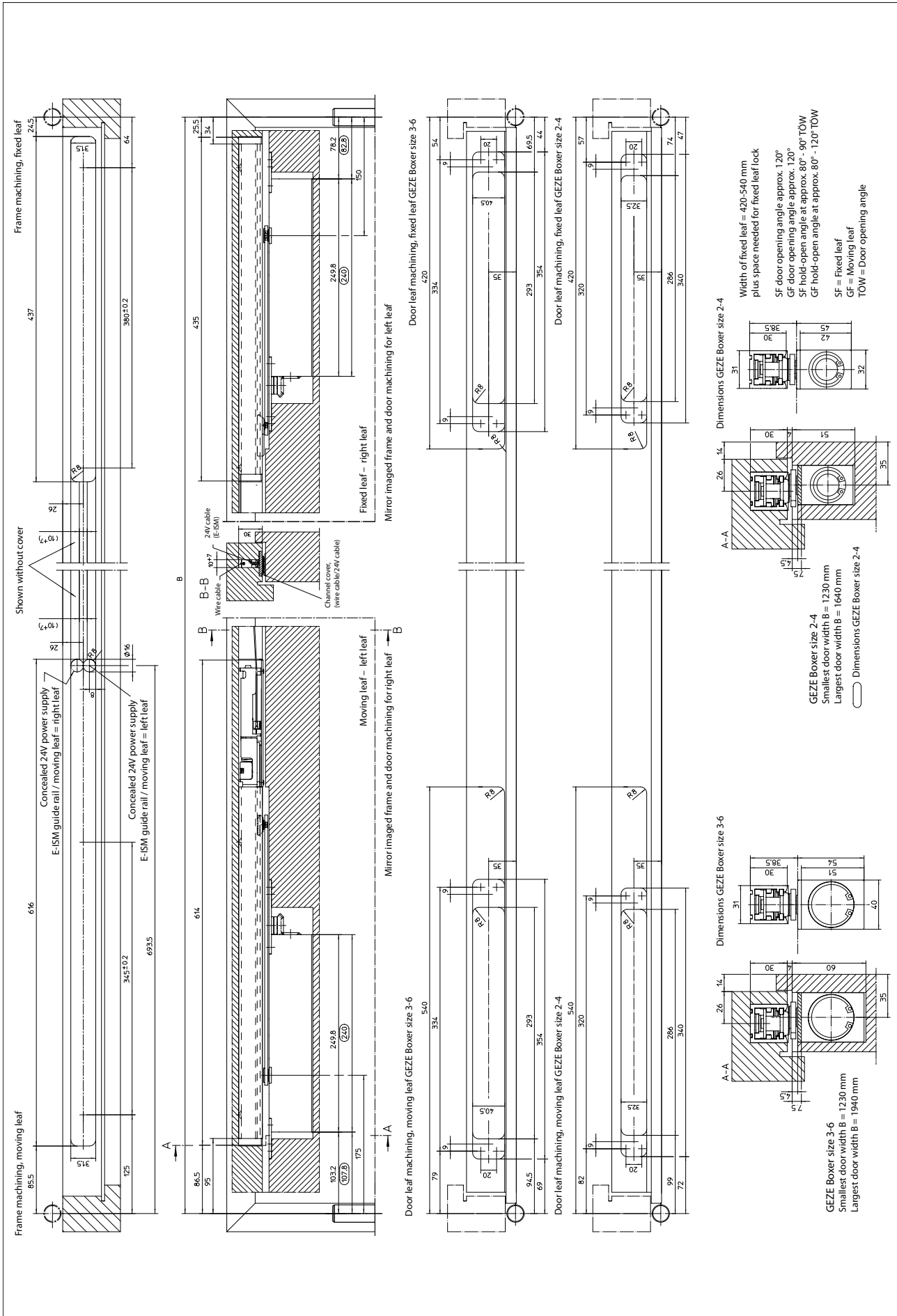
Technical specifications: Guide rail

Product features	Boxer ISM guide rail	Boxer ISM guide rail, version for small hinge clearance	Boxer ISM guide rail, version for small fixed leaf
Minimum hinge clearance	1300 mm	1130 mm	1230 mm
Minimum width of fixed leaf	540 mm	420 mm	420 mm
Product tested in acc. with	Closing sequence controller tested in acc. with EN 1158		
Installation depth	31 mm		
Height	30 mm		
Functions			
Integrated closing sequence control	●	●	●
Integrated hold-open mechanism	○	○	○

○ = Optional

• = Standard





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GEZE Boxer ISM – Ordering information

Description	Version	ID no.
GEZE Boxer 2-4 closer Size EN 2-4 with back check (without guide rail)	0 mm	099728
	Spindle extension 4 mm	101759
	8 mm	101760
GEZE Boxer 3-6 closer Size EN 3-6 with back check (without guide rail)	0 mm	099735
	Spindle extension 4 mm	101761
	8 mm	101762
Boxer ISM guide rail with integrated closing sequence control and levers	silver	114141
Boxer ISM guide rail, version for small hinge clearance specially for small hinge clearances from 1130 mm, with integrated closing sequence control and levers	silver	120894
Boxer ISM guide rail, version for small fixed leaf specially for doors with small fixed leaves from 420 mm, with integrated closing sequence control and levers	silver	128597
Accessories		
Mechanical hold-open unit for ISM guide rail, adjustable retention force, can be overridden		118437



Pflegeheim Zamenhof, Stuttgart

GEZE Boxer E-ISM

Integrated door closer system for double-leaf doors with a hinge clearance of up to 2800 mm featuring integrated closing sequence control and electrical hold-open

The GEZE Boxer ISM system for double-leaf doors consists of the Boxer 2-4 or Boxer 3-6 in the door leaves and the E-ISM guide rail in the frame. The guide rail is fitted with integrated mechanical closing sequence control in accordance with EN 1158 and an electro-mechanical hold-open mechanism in accordance with EN 1155 on both sides. The E-ISM guide rail is only visible when the door is open. On double-leaf doors it ensures that the moving leaf always closes after the fixed leaf. The retention force of the electro-mechanical hold-open mechanism is infinitely adjustable; the hold-open point can be set anywhere between about 80° and about 120°. The hold-open point can be overridden, i.e. the door can be opened wider if needed. Once installed, the infinitely adjustable closing force, closing speed, latching action and hydraulic back check can be adjusted on the door closers. The system can be used on DIN left and right moving leaves without the need for conversion. In addition, the closing sequence control on the ISM guide rail is extremely resistant to vandalism, i.e. the system will not suffer damage even if the moving leaf is consciously pushed closed from the waiting position.

An additional door suitability certificate is required for fireproof doors. The system is building code approved with the GEZE smoke switch control units RSZ6 and RSZ5. The door must be limited at an opening angle of about 120°.

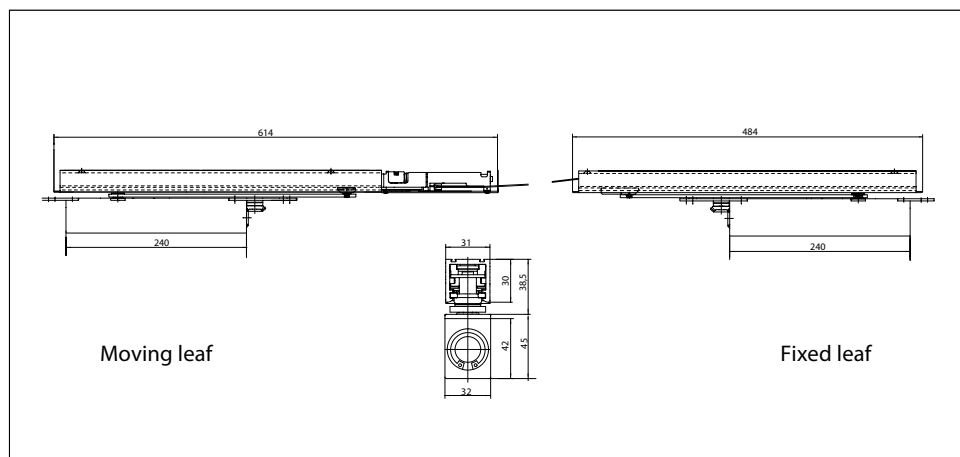
Special versions

- For doors with narrow hinge clearance, from 1130 mm (opening angle max. 100°)
- For doors with small fixed leaf, from 420 mm (opening angle of fixed leaf max. 100°)

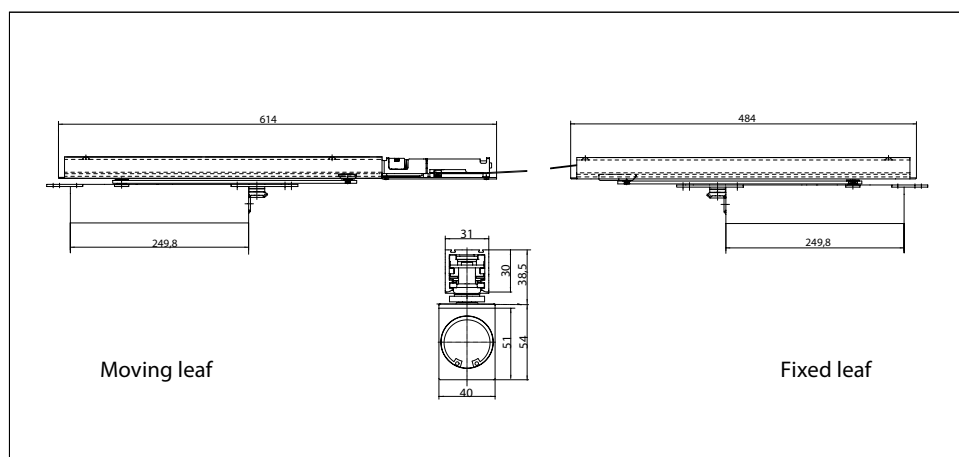
GEZE Boxer E-ISM



GEZE Boxer E-ISM

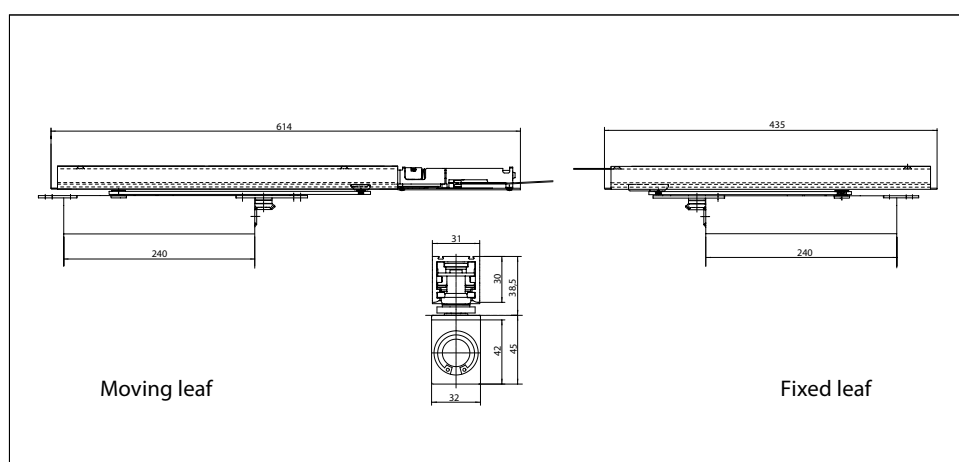


Size 2-4

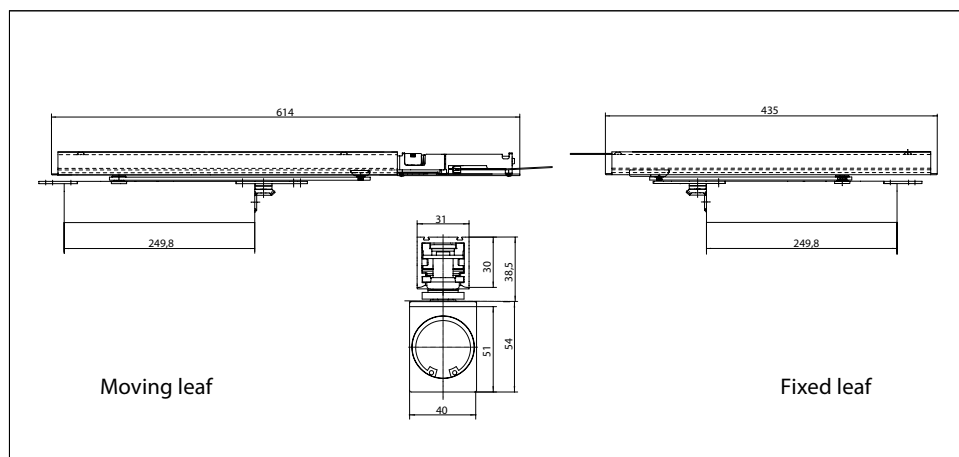


Size 3-6

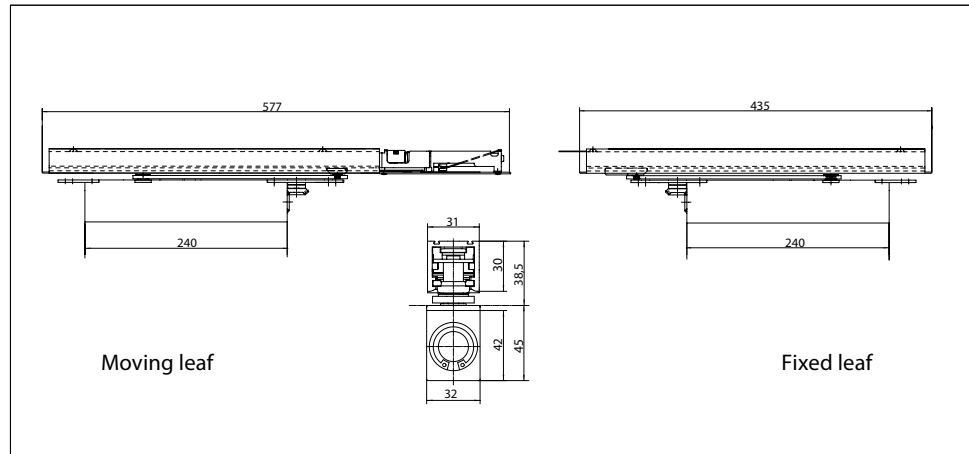
GEZE Boxer E-ISM for small fixed leaf



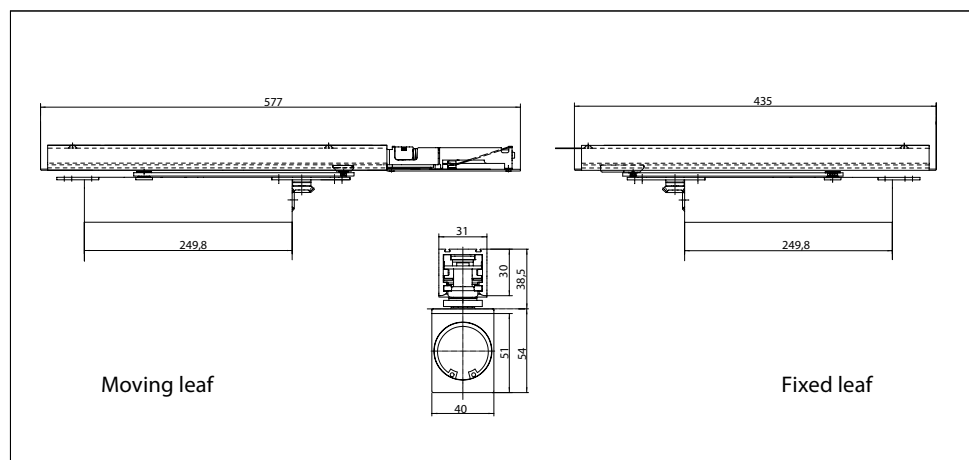
Size 2-4



Size 3-6

**GEZE Boxer E-ISM
for small hinge clearance**

Size 2-4



Size 3-6

Application range

- For double-leaf doors, leaf width of up to 1400 mm
- Min. hinge clearance = 1130 mm (version for small hinge clearance),
max. hinge clearance = 2800 mm
- Min. width of fixed leaf 420 mm (version for small fixed leaf)
- Closer size 2-4 for interior doors up to a leaf width of 1100 mm and a leaf weight of 130 kg
- Closer size 3-6 for interior and exterior doors up to a leaf width of 1400 mm
and a leaf weight of 180 kg
- Door leaf thickness from 40 mm for size 2-4, from 50 mm for size 3-6
- For fireproof doors with appropriate suitability certificate

Technical specifications: Closer

Product features	GEZE Boxer 2-4 closer	GEZE Boxer 3-6 closer
Closing force in accordance with EN 1154	2 - 4	3 - 6
Leaf width recommended up to	1100 mm	1400 mm
Leaf weight recommended up to	130 kg	180 kg
Minimum leaf thickness	40	50
Identical version DIN-L and DIN-R	•	•
Product tested in acc. with	Door closer tested in acc. with EN 1154	
Length	286 mm	293 mm
Installation depth	32 mm	40 mm
Height	45 mm	54 mm

Functions

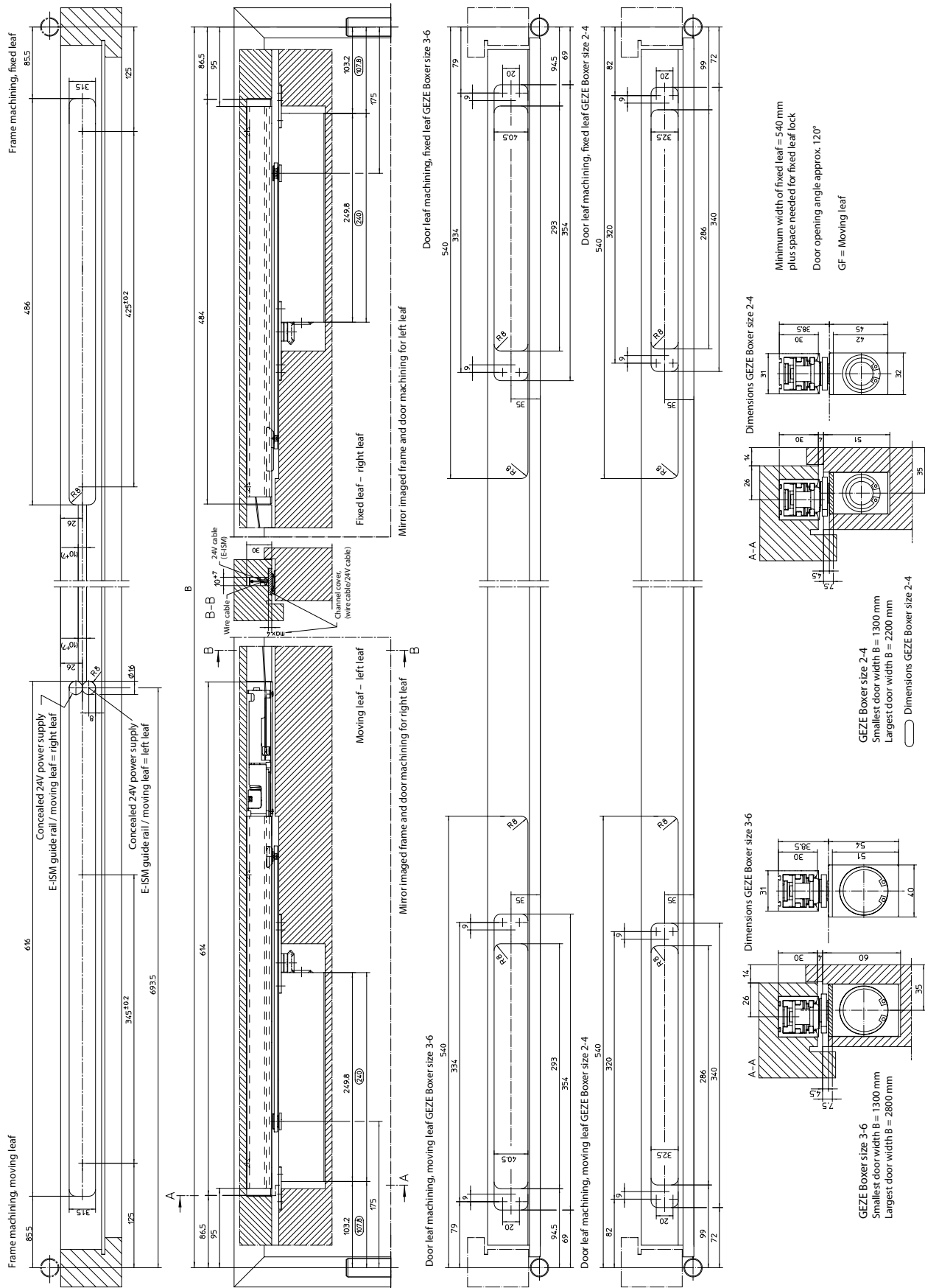
Adjustable closing force	Yes, infinitely variable	
Adjustable closing speed	•	•
Adjustable latching action	Yes, via valve	
Integrated back check	Yes, hydraulically adjustable	
Closing force adjustment position	Top	
Safety valve to protect against vandalism	•	•

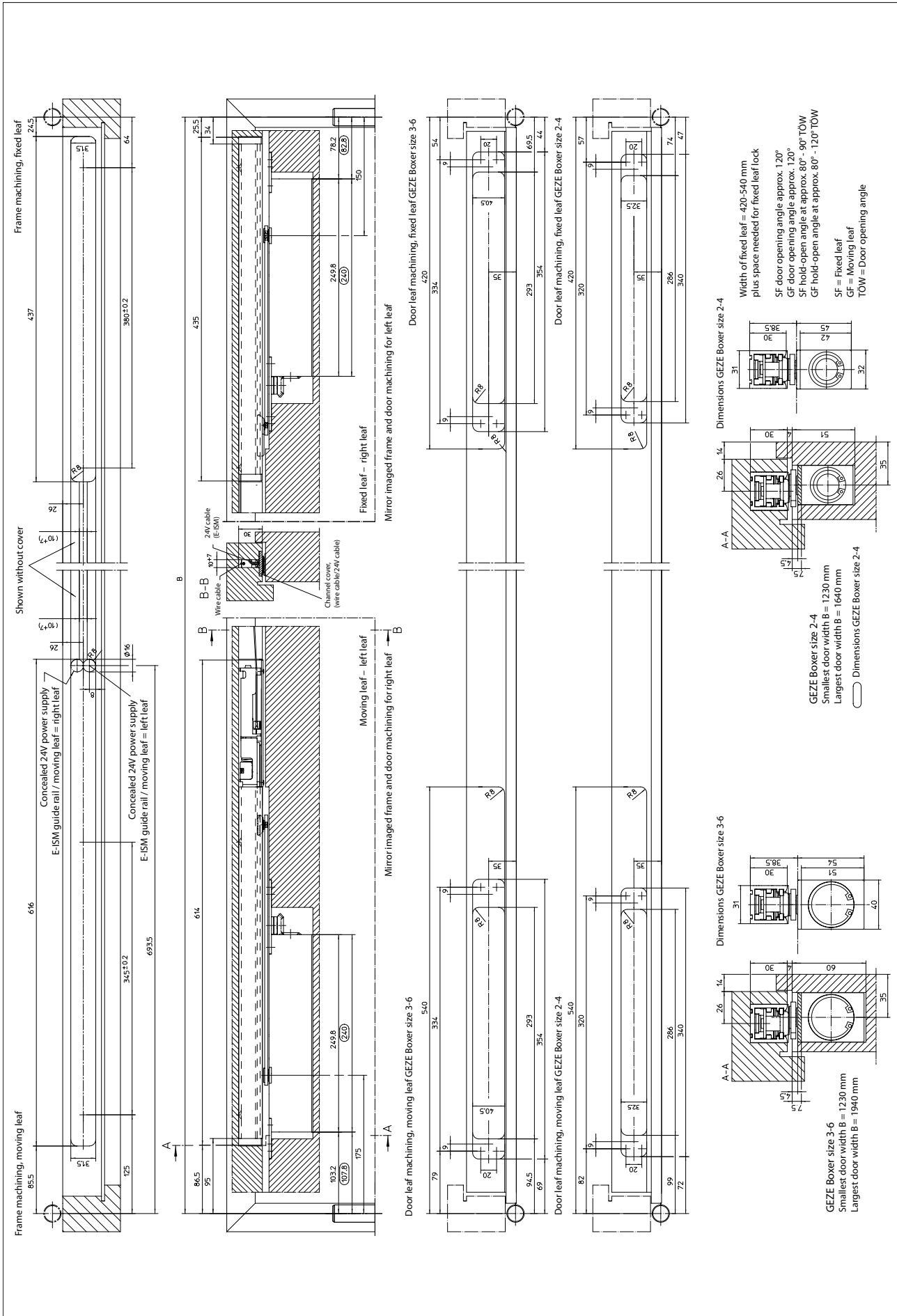
Technical specifications: Guide rail

Product features	Boxer E-ISM guide rail	Boxer E-ISM guide rail, version for small hinge clearance	Boxer E-ISM guide rail, version for small fixed leaf
Minimum hinge clearance	1300 mm	1130 mm	1230 mm
Minimum width of fixed leaf	540 mm	420 mm	420 mm
Supply voltage	24V DC		
Enclosure rating	IP 43		
Product tested in acc. with	Hold-open mechanism tested in acc. with EN 1155 Closing sequence controller tested in acc. with EN 1158		
Installation depth	31 mm		
Height	30 mm		
Functions			
Integrated closing sequence control	●	●	●
Integrated hold-open mechanism	Electrical		
Hold-open mechanism on moving leaf / fixed leaf	● / ●		
Hold-open mechanism, can be activated or deactivated	●	●	●
Hold-open mechanism can be overridden	●	●	●

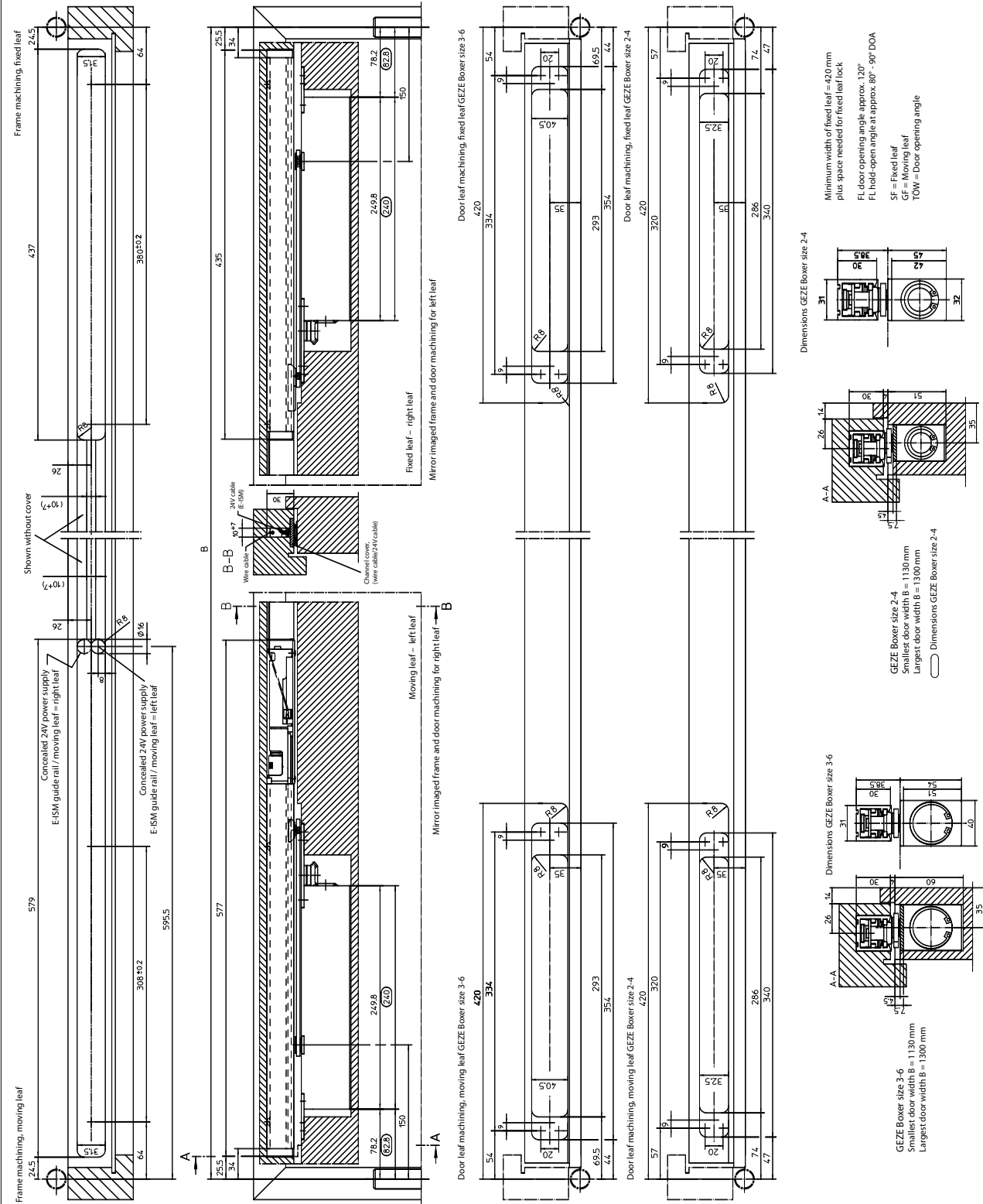
○ = Optional

• = Standard





Installation drawing GEZE Boxer ISM / E-ISM Small hinge clearance in timber door



GEZE Boxer E-ISM – Ordering information

Description	Version	ID no.
GEZE Boxer 2-4 closer Size EN 2-4 with back check (without guide rail)	0 mm	099728
	Spindle extension 4 mm	101759
	8 mm	101760
GEZE Boxer 3-6 closer Size EN 3-6 with back check (without guide rail)	0 mm	099735
	Spindle extension 4 mm	101761
	8 mm	101762
Boxer E-ISM guide rail with integrated closing sequence control, electrical hold-open on both sides, and levers	silver	114142
Boxer E-ISM guide rail, version for small hinge clearance specially for small hinge clearances from 1130 mm, with integrated closing sequence control, electrical hold-open on both sides, and levers	silver	120895
Boxer E-ISM guide rail, version for small fixed leaf specially for doors with small fixed leaves from 420 mm, with integrated closing sequence control, electrical hold-open on both sides, and levers	silver	128598
Accessories		
GEZE smoke switch control unit RSZ6 Smoke switch and energy supply for all GEZE hold-open mechanisms	silver	099851
	dark bronze	099857
	white RAL 9016	099858
	Stainless steel effect ¹⁾	099856
	acc. to RAL ²⁾	099859
GEZE smoke switch, type 142 Complete with base, 24V DC	white	091273
GEZE smoke switch RS 5 For ceiling and lintel mounting	silver	027052
	dark bronze	028939
	white RAL 9016	028940
	Stainless steel effect ¹⁾	028942
	acc. to RAL ²⁾	028941
GEZE circuit breaker Concealed version, for manual release of electrical hold-open mechanisms	Alpine white	116266
Single surface-mounted socket matches the AS500 switch range		120503
GEZE circuit breaker with glass pane and 5 interchangeable labels Concealed version, for manual release of electrical hold-open mechanisms	Alpine white	120880
Replacement pane for GEZE circuit breaker 120880		010994

¹⁾ Only suitable for dry rooms

²⁾ Surcharge for special RAL colours, see general information

GEZE Boxer ISM-EFS

Integrated door closer system for double-leaf doors with a hinge clearance of up to 2200 mm featuring integrated closing sequence control and electrical freeswing function on the moving leaf

The GEZE Boxer ISM-EFS system for double-leaf doors consists of the Boxer EFS with freeswing function on the moving leaf, a Boxer 2-4 on the fixed leaf and the ISM guide rail with integrated mechanical closing sequence control in accordance with EN 1158 in the frame. The ISM guide rail is only visible when the door is open. On double-leaf doors it ensures that the moving leaf always closes after the fixed leaf. The freeswing function allows the moving leaf to be used with minimum resistance in the direction of opening or closing – e.g. in homes for the elderly or hospitals – after the door has been opened once (such as in the morning).

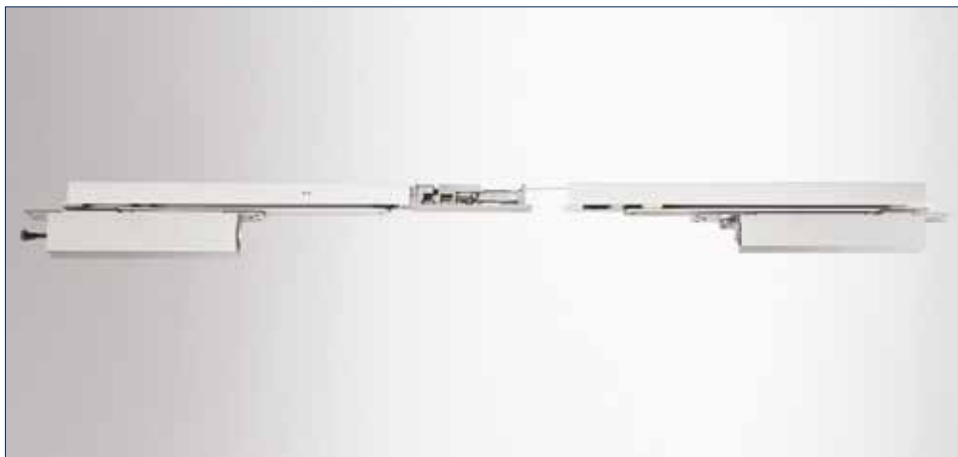
Once installed, the closing speed, latching action and closing force of the door closers can be adjusted on the fixed leaf. The system can be used on DIN left and right moving leaves without the need for conversion. In addition, the closing sequence control on the ISM guide rail is extremely resistant to vandalism, i.e. the system will not suffer damage even if the moving leaf is consciously pushed closed from the waiting position.

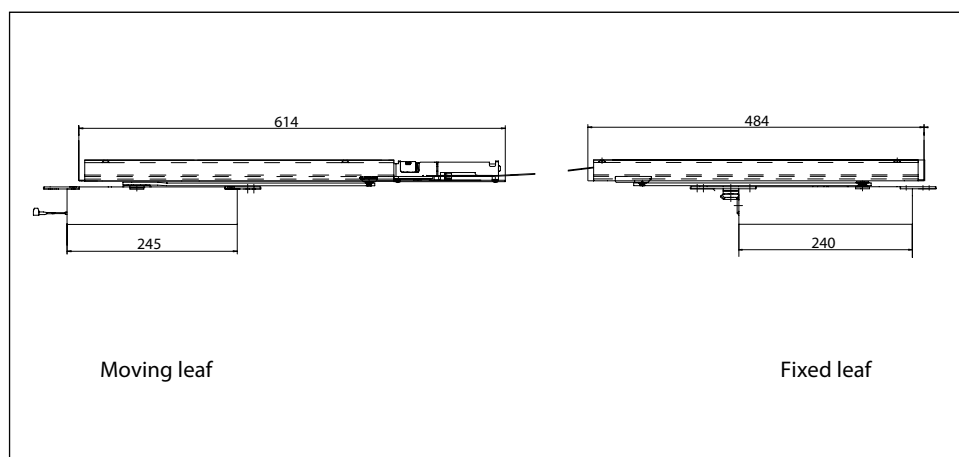
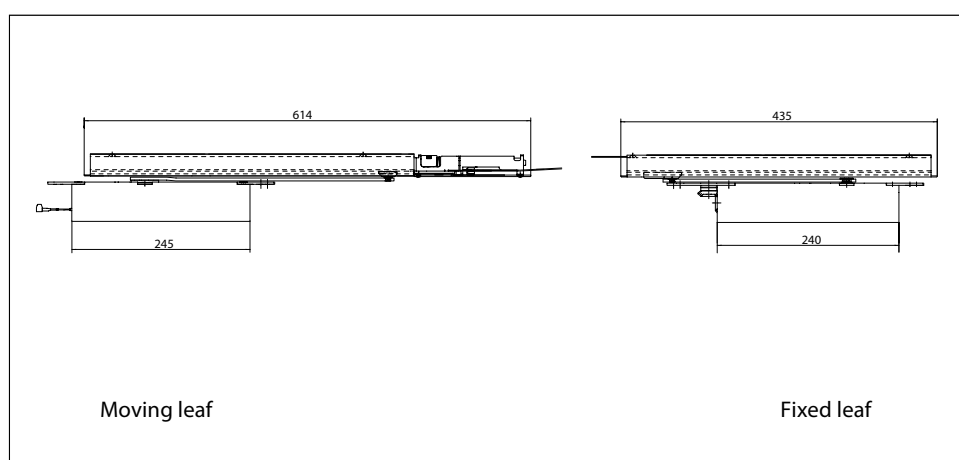
An additional door suitability certificate is required for fireproof doors. The system is building code approved with the GEZE smoke switch control units RSZ6 and RSZ5. The door must be limited at an opening angle of about 120°.

Special versions

- For doors with small fixed leaf, from 420 mm (opening angle of fixed leaf max. 100°)

GEZE Boxer ISM-EFS



GEZE Boxer ISM-EFS**GEZE Boxer ISM-EFS
for small fixed leaf****Application range**

- For double-leaf doors, leaf width of up to 1100 mm
- Min. hinge clearance = 1230 mm (version for small fixed leaf), max. hinge clearance = 2200 mm
- Min. width of fixed leaf 420 mm (version for small fixed leaf)
- Closer size 4 for doors up to a leaf width of 1100 mm and a leaf weight of 130 kg
- Leaf thickness min. 50 mm
- For fireproof doors with appropriate suitability certificate

Technical specifications: Closer

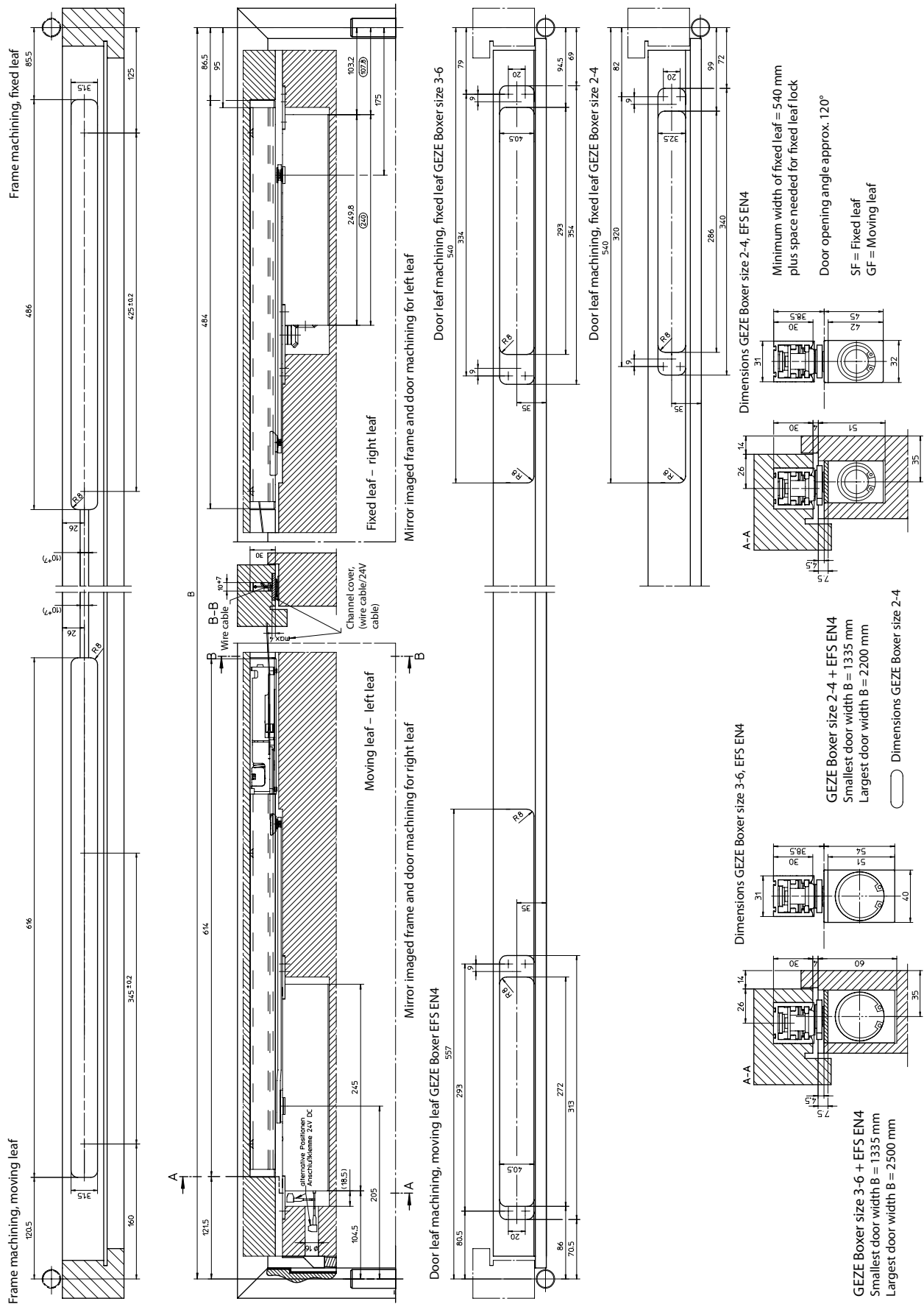
Product features	GEZE Boxer EFS complete package	GEZE Boxer 2-4 closer
Closing force in accordance with EN 1154	4	2 - 4
Leaf width recommended up to	1100 mm	
Leaf weight recommended up to	130 kg	
Minimum leaf thickness	50	40
Identical version DIN-L and DIN-R	•	•
Supply voltage	24V DC	
Enclosure rating	IP 43	
Product tested in acc. with	Door closer tested in acc. with EN 1154 Hold-open mechanism tested in acc. with EN 1155	Door closer tested in acc. with EN 1154
Length	245 mm	286 mm
Installation depth	40 mm	32 mm
Height	54 mm	45 mm
Functions		
Adjustable closing force	No	Yes, infinitely variable
Adjustable closing speed	•	•
Adjustable latching action	Yes, via valve	
Integrated back check		Yes, hydraulically adjustable
Closing force adjustment position		Top
Safety valve to protect against vandalism	•	•
Integrated hold-open mechanism	electrical / for freeswing function	

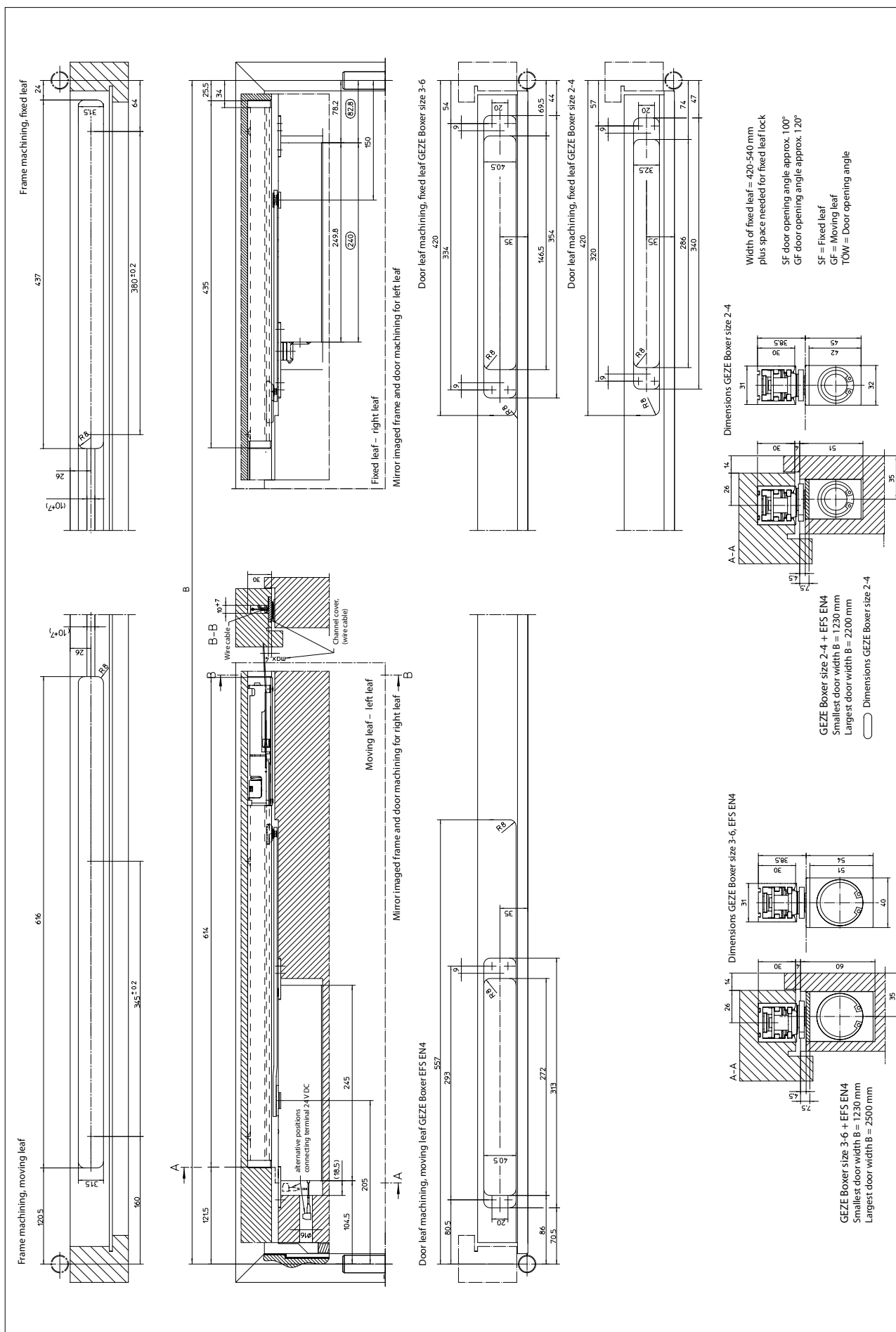
Technical specifications: Guide rail

Product features	Boxer ISM guide rail	Boxer ISM guide rail, version for small fixed leaf
Minimum hinge clearance	1300 mm	1230 mm
Minimum width of fixed leaf	540 mm	420 mm
Product tested in acc. with	Closing sequence controller tested in acc. with EN 1158	
Installation depth	31 mm	
Height	30 mm	
Functions		
Integrated closing sequence control	•	•

○ = Optional

• = Standard





GEZE Boxer ISM-EFS – Ordering information

Description		Version	ID no.	
GEZE Boxer EFS complete package Size EN4, with back check and freeswing guide rail	Spindle extension	0 mm	108881	
		4 mm	108882	
	Spindle extension	8 mm	108883	
		0 mm	099728	
		4 mm	101759	
	Spindle extension	8 mm	101760	
		Boxer ISM guide rail with integrated closing sequence control and levers		silver
	Boxer ISM guide rail, version for small fixed leaf specially for doors with small fixed leaves from 420 mm, with integrated closing sequence control and levers		silver	128597
	Accessories			
	GEZE smoke switch control unit RSZ6 Smoke switch and energy supply for all GEZE hold-open mechanisms	silver	099851	
dark bronze		099857		
white RAL 9016		099858		
Stainless steel effect ¹⁾		099856		
acc. to RAL ²⁾		099859		
GEZE smoke switch, type 142 Complete with base, 24V DC	white	091273		
	silver	027052		
GEZE smoke switch RS 5 For ceiling and lintel mounting	dark bronze	028939		
	white RAL 9016	028940		
	Stainless steel effect ¹⁾	028942		
	acc. to RAL ²⁾	028941		
GEZE circuit breaker Concealed version, for manual release of electrical hold-open mechanisms	Alpine white	116266		
Single surface-mounted socket matches the AS500 switch range			120503	
GEZE circuit breaker with glass pane and 5 interchangeable labels Concealed version, for manual release of electrical hold-open mechanisms	Alpine white	120880		
Replacement pane for GEZE circuit breaker 120880			010994	

1) Only suitable for dry rooms

2) Surcharge for special RAL colours, see general information

GEZE Boxer P

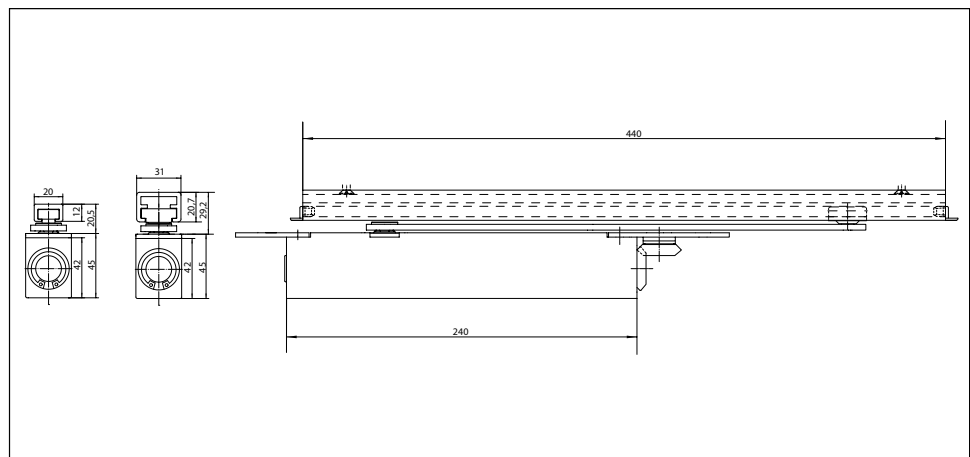
Integrated door closer for single-leaf double-action doors with a leaf width of up to 1100 mm

The GEZE Boxer 2-4 integrated double-action door closer is suitable for installation in lightweight double-actions doors. It is fully incorporated into the door leaf and is not visible when the door is closed. Once installed, the closing force, closing speed, latching action and hydraulic back check can be conveniently adjusted from the top. The door must be limited at an opening angle of about 120°.

GEZE Boxer P



GEZE Boxer P



Application range

- For double-action doors up to a leaf width of 1100 mm
- Leaf weights up to 80 kg
- Leaf thickness min. 40 mm

Technical specifications: Closer

Product features	GEZE Boxer 2-4 closer
Closing force in accordance with EN 1154	2 - 4
Leaf width recommended up to	1100 mm
Leaf weight recommended up to	130 kg
Minimum leaf thickness	40
Identical version DIN-L and DIN-R	•
Product tested in acc. with	Door closer tested in acc. with EN 1154
Length	286 mm
Installation depth	32 mm
Height	45 mm
Functions	
Adjustable closing force	Yes, infinitely variable
Adjustable closing speed	•
Adjustable latching action	Yes, via valve
Integrated back check	Yes, hydraulically adjustable
Closing force adjustment position	Top
Safety valve to protect against vandalism	•

Technical specifications: Guide rail

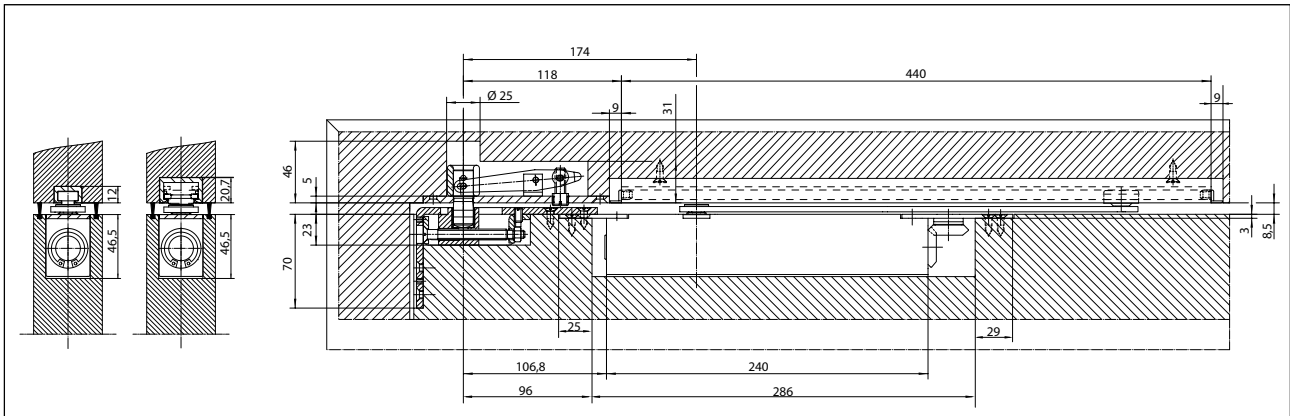
Product features	Boxer guide rail, 12 mm	Boxer guide rail, 20.7 mm
For use on single-action/double-action doors	Double-action door	
Length	440 mm	
Installation depth	20 mm	31 mm
Height	12 mm	20,7 mm
Functions		
Integrated opening restrictor	○	○
Integrated hold-open mechanism	○	Mechanical
Hold-open mechanism, can be activated or deactivated		•
Hold-open mechanism can be overridden		•

○ = Optional

• = Standard

Installation drawing

Boxer P size 2-4



Installation on timber door



Hermitage Museum, Amsterdam

GEZE Boxer P – Ordering information

Description	Version	ID no.
GEZE Boxer 2-4 closer size EN 2-4 with back check (without guide rail) Spindle extension	0 mm	099728
	4 mm	101759
	8 mm	101760
Boxer 12 mm guide rail with lever for double-action doors, installation height 12 mm (Boxer 2-4 only)	silver	129344
	acc. to RAL ¹⁾	135733
Boxer 20.7 mm guide rail with lever for double-action doors and mechanical hold-open, installation height 20.7 mm (Boxer 2-4 only)	silver	104246
	acc. to RAL ¹⁾	135731
Accessories		
Mechanical hold-open for Standard / T-STOP / Boxer 20.7 mm guide rail, adjustable retention force, can be activated/deactivated and overridden		071924
Mechanical hold-open for Boxer 12 mm guide rail, adjustable retention force, cannot be overridden		129145
Flexible opening restrictor for lightweight doors for riveted, Standard BG and Boxer 20.7 mm guide rails		069780
Flexible opening restrictor for lightweight doors for Boxer 12 mm guide rail		129343

¹⁾ Surcharge for special RAL colours, see general information

GEZE smoke switch control unit RSZ6

Smoke switch and energy supply for all GEZE hold-open mechanisms

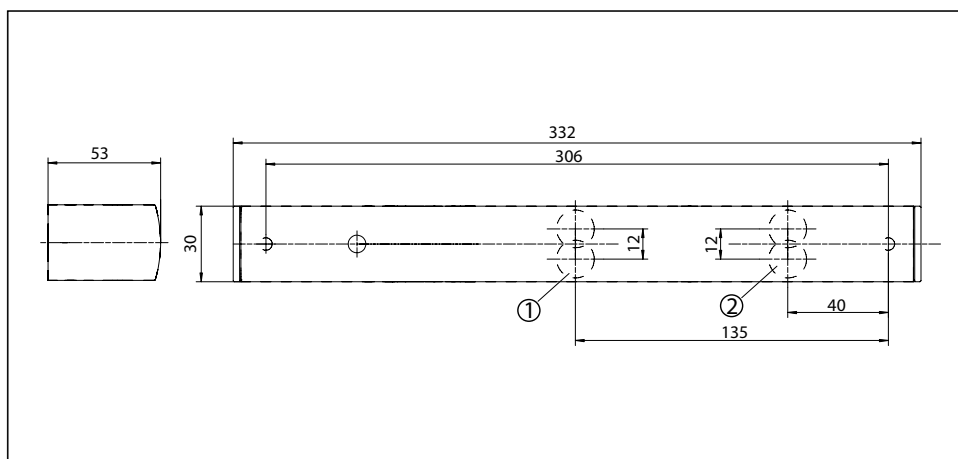
The GEZE smoke switch control unit RSZ6 features the typical GEZE design and has an installation height of 30 mm. It is connected to the 230V mains and provides a reliable supply of 24V DC voltage to the connected hold-open mechanisms (max. 200mA).

The smoke switch control unit is mounted on the vertical wall above the door opening and therefore acts as an early fire and smoke warning system (please leave at least 20 mm clearance to the ceiling). When the alarm is activated, the supply of voltage to the hold-open mechanisms (e.g. electrical hold-open in the guide rail or retention magnet) is interrupted and the doors close immediately. Two additional ceiling detectors can be connected, depending on requirements. The integrated smoke switch is fitted with automatic adaptation of the alarm threshold. This compensates for any slight soiling of the smoke chamber and increases its service life. The current status of the smoke switch is displayed visually.

GEZE smoke switch control unit RSZ6



GEZE smoke switch control unit RSZ6

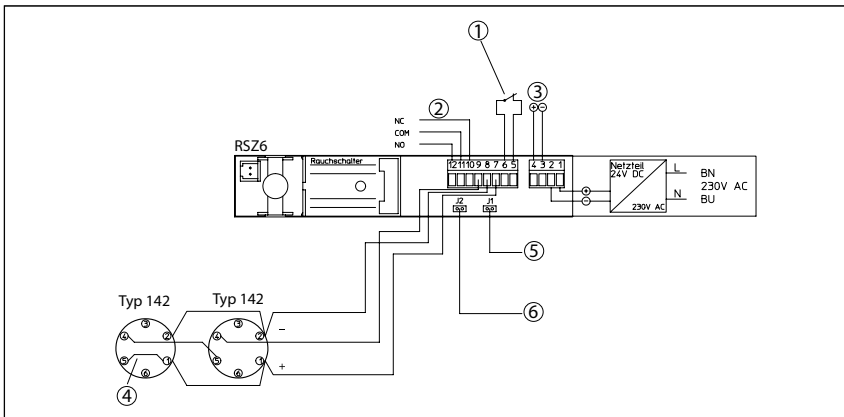


(1) = Additional connections

(2) = Concealed power supply 230V AC

Application range

- Approved for use with all GEZE hold-open mechanisms



RSZ6 with ceiling detector, type 142

Key

- (1) = Circuit breaker
- (2) = Potential-free alarm contact max. 24 V, 1 A
- (3) = Output for hold-open, max. 200 mA switched by 24 V DC smoke switch
- (4) = Jumper 1-5
- (5) = Jumper 1, black, please remove when connecting a circuit breaker
- (6) = Jumper 2, red, please remove when connecting an additional smoke switch



Pflegeheim Zamenhof, Stuttgart

GEZE smoke switch control unit RSZ6 - Ordering information

Description	Version	ID no.
GEZE smoke switch control unit RSZ6 Smoke switch and energy supply for all GEZE hold-open mechanisms	silver	099851
	dark bronze	099857
	white RAL 9016	099858
	Stainless steel effect ¹⁾	099856
	acc. to RAL ²⁾	099859
Accessories		
GEZE smoke switch RS 5 for ceiling and lintel installation	silver	027052
	dark bronze	028939
	white RAL 9016	028940
	Stainless steel effect ¹⁾	028942
	acc. to RAL ²⁾	028941
GEZE smoke switch, type 142, complete with base, 24V DC	white	091273
GEZE circuit breaker with glass pane and 5 interchangeable labels Concealed version, for manual release of electrical hold-open mechanisms	Alpine white	120880
GEZE circuit breaker Concealed version, for manual release of electrical hold-open mechanisms	Alpine white	116266
Single surface-mounted socket matches the AS500 switch range		120503
Replacement pane for GEZE circuit breaker 120880		010994

1) Only suitable for dry rooms

2) Surcharge for special RAL colours, see general information

GEZE References



Kreissparkasse Ludwigsburg



Kreissparkasse Ludwigsburg

GEZE References



Andel's Hotel Berlin



Andel's Hotel Berlin

GEZE References



VitraHaus Weil am Rhein



VitraHaus Weil am Rhein

POTENTIAL APPLICATIONS OF GEZE PRODUCTS

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

Door technology

01	Overhead door closers ID 091593, ID 091594
02	Hold-open systems ID 091593, ID 091594
03	Integrated door closers ID 091609
04	Floor springs ID 091607
05	Sliding door gear systems and linear guides ID 123605, ID 008770, ID 000586

Automatic door systems

06	Swing doors ID 144785
07	Sliding, telescopic and folding doors ID 143639
08	Circular and semi-circular sliding doors ID 135772
09	Revolving doors ID 132050
10	Actuation devices and sensors ID 142655

Smoke and heat extraction and window technology

11	Fanlight opening systems ID 127787
12	Electric opening and locking systems ID 127785, ID 127789
13	Electrical spindle and linear drives ID 127785, ID 127789
14	Electric chain drives ID 127785, ID 127789
15	Smoke and heat extraction systems ID 127785, ID 139075

Safety technology

16	Emergency exit systems ID 132408
17	Access control systems ID 132158
18	Panic locks ID 132848
19	Electric strikes ID 148666
20	Building management system ID 132408

Glass systems

21	Manual sliding wall systems (MSW) ID 104377
22	Integrated all-glass systems (IGG) ID 104366
23	GEZE Patch fittings mono glass systems ID 122521



POTENTIAL APPLICATIONS OF GEZE PRODUCTS



Door technology

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

Automatic door systems

GEZE automatic door systems open up a huge variety of options in door design. The latest, innovative high-performance drive technology, safety, ease of accessibility and first class universal drive design set them apart. GEZE offers complete solutions for individual requirements. A dedicated division is responsible for the development and construction of individual special designs.

Smoke and heat extraction and window technology

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

Safety technology

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

Building systems

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

Glass systems

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

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