EHRET

E-motion

Bracket drive for window shutters

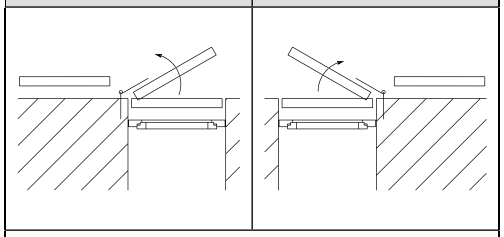
Order form and planning tool

Stop diagrams

Each view is from the inside!

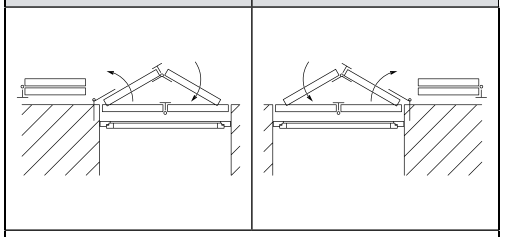
The specified deduction clearances are taken into consideration as standard.

1L | **1R**



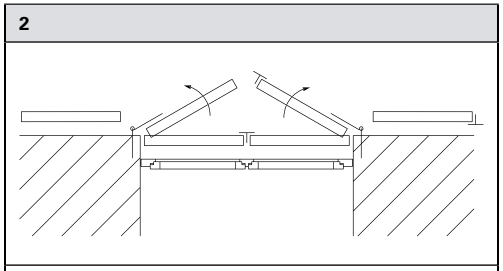
Width: -10 mm, Height: -12 mm

2L | **2R**



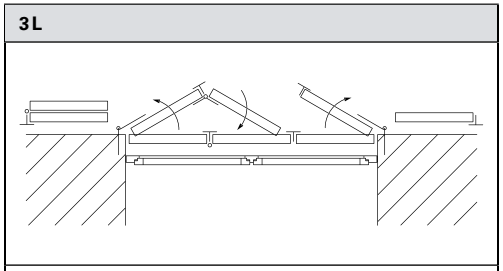
Width: -14 mm, Height: -12 mm

2



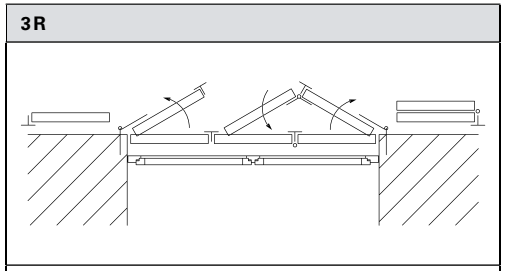
Width: -14 mm, Height: -12 mm

3L



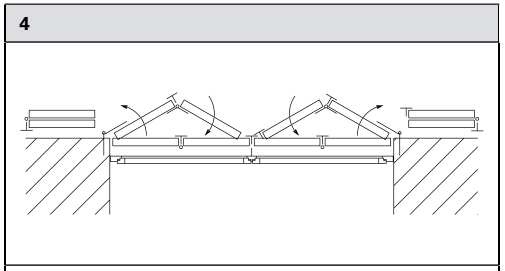
Width: -21 mm, Height: -12 mm

3R



Width: -21 mm, Height: -12 mm

4



Width: -28 mm, Height: -12 mm

Application table for motorisation

Diagram	Clear width	Maximum clear opening
1R/1L	290 – 810 mm	1.6 m²
2R/2L	574 – 1614 mm	3.2 m²
2	574 – 1614 mm	3.2 m²
3R/3L	861 – 2421 mm	4.8 m²
4	1148 – 3228 mm	6.4 m²

- Weight per drive max. 50 kg
- Sash width max. 800 mm
- Deviating sizes on request

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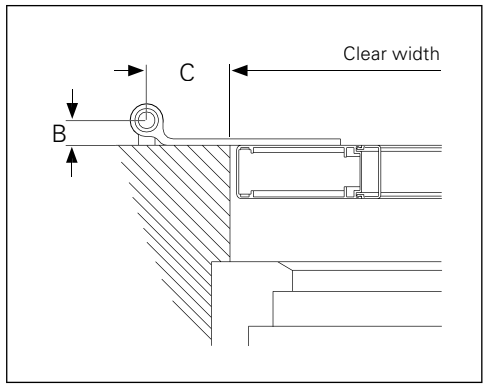
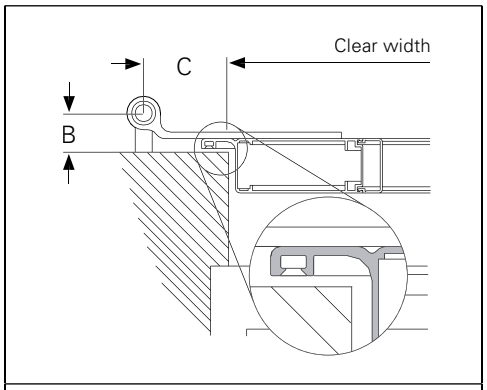
Measuring instructions

Installation type 1 butt in reveal



- B = 17 mm
- C = 40 mm

Installation type 2 butt with rabbet bead

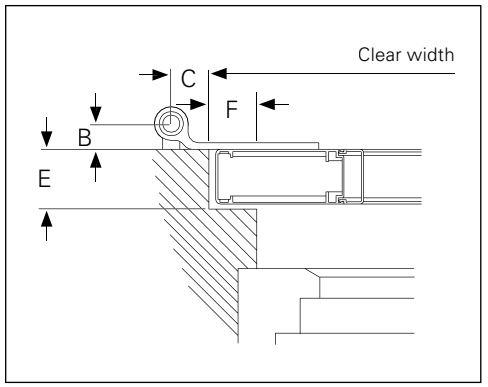


Rabbet molding type:

- Type 1: 3-sided (left, right and top)
- Type 2: 4-sided (left, right, top and bottom)
- Type 3: 1-sided (left)
- Type 4: 1-sided (right)
- Type 5: 1-sided (top)
- Type 6: 1-sided (bottom)
- Type 7: 2-sided (left and right)
- Type 8: 2-sided (top and bottom)
- Type 9: 2-sided (left and top)
- Type 10: 2-sided (right and top)

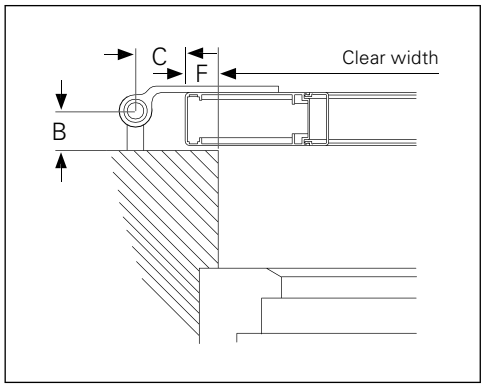
- B = 25 mm
- C = 40 mm

Installation type 3 in rabbet



- B = 17/25/35 mm
- C = 40 mm

Installation type 4 superjacent



- B = 35 mm
- C = 40 mm

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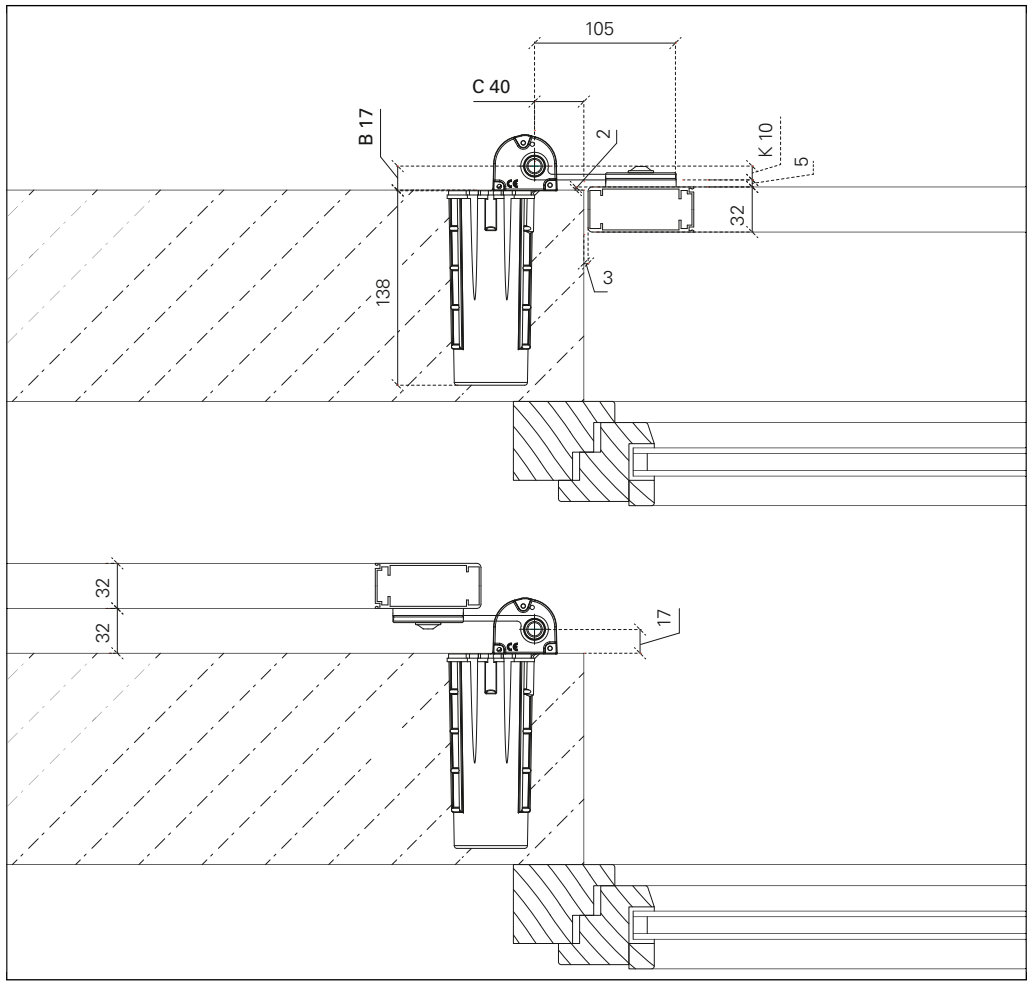
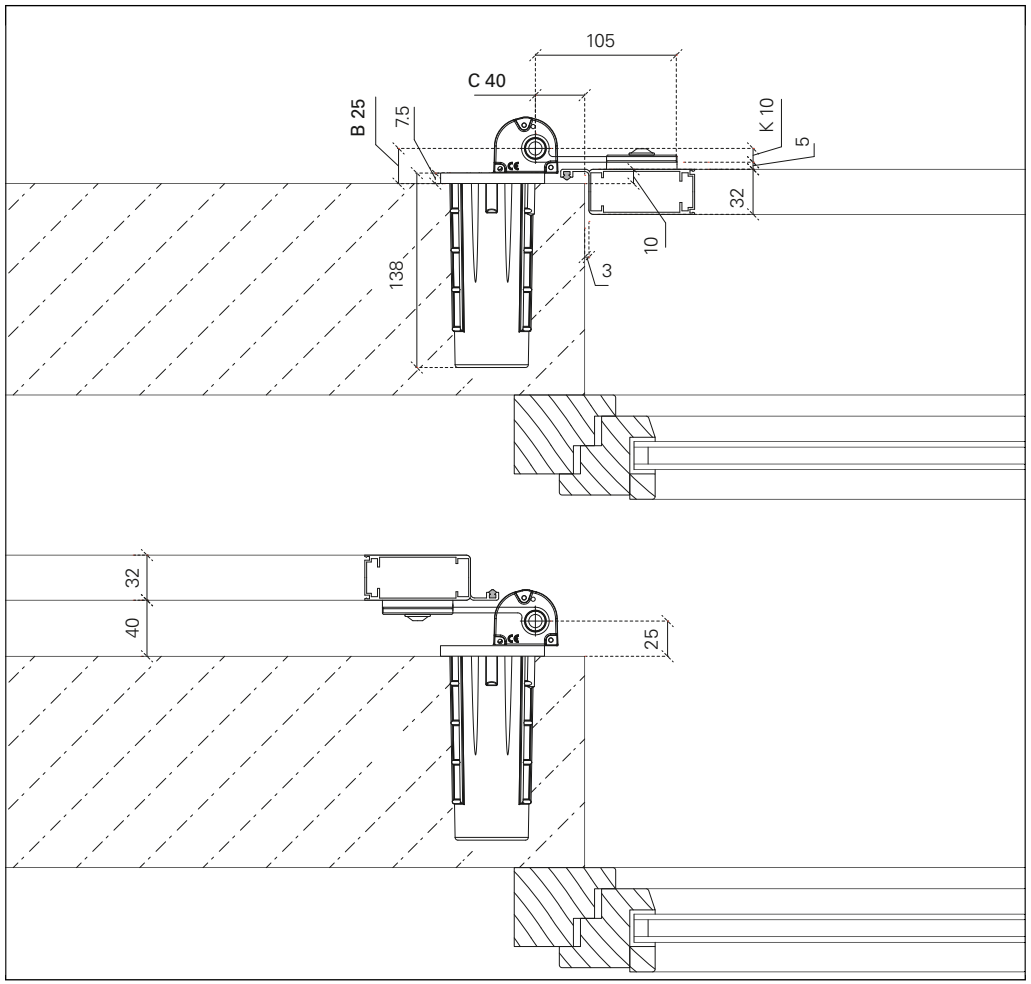
Measuring instructions

Installation type 1 butt in reveal



- B = 17 mm
- C = 40 mm

Installation type 2 butt with rabbet bead



- B = 25 mm
- C = 40 mm

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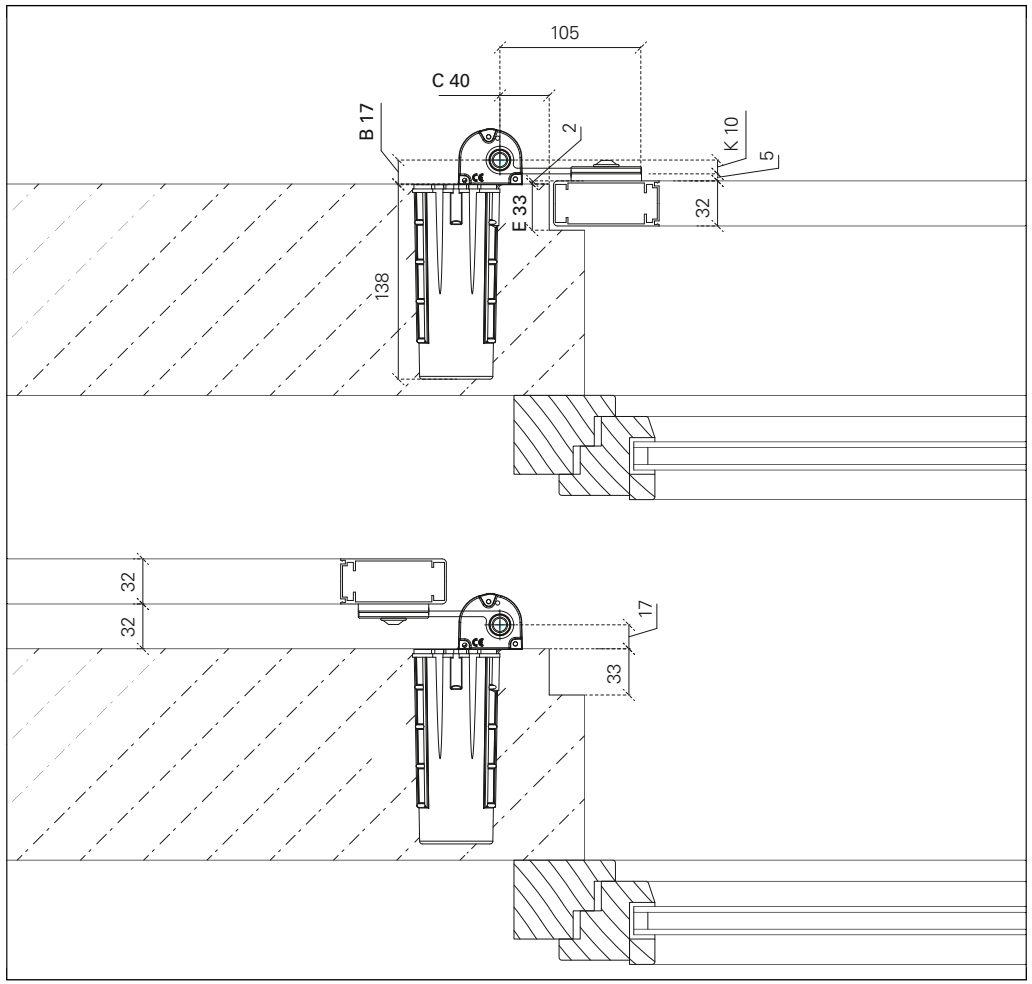
Measuring instructions

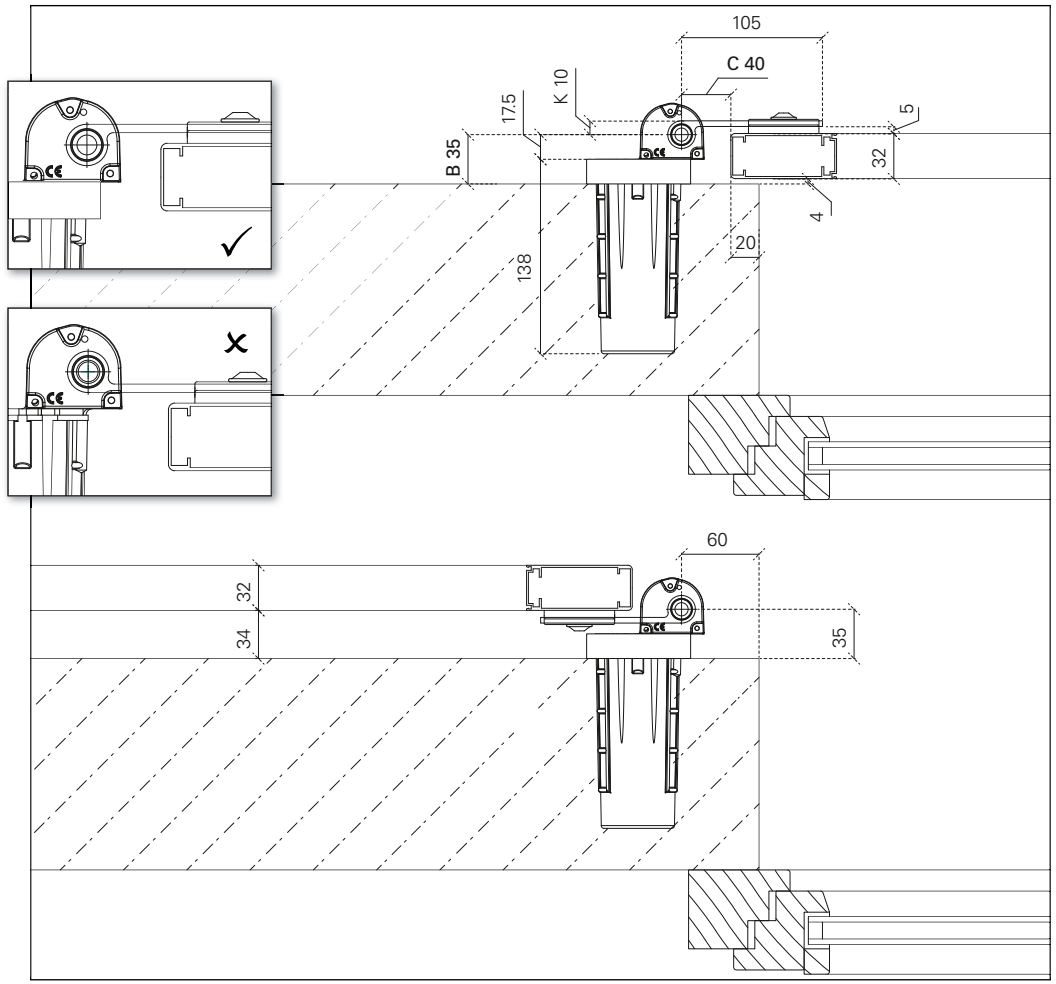
Installation type 3 in rabbet



- B = 17 mm (E ≥ 33 mm) / 25 mm (E ≥ 25 mm) / 35 mm (E ≥ 15 mm)
- C = 40 mm

Installation type 4 superjacent

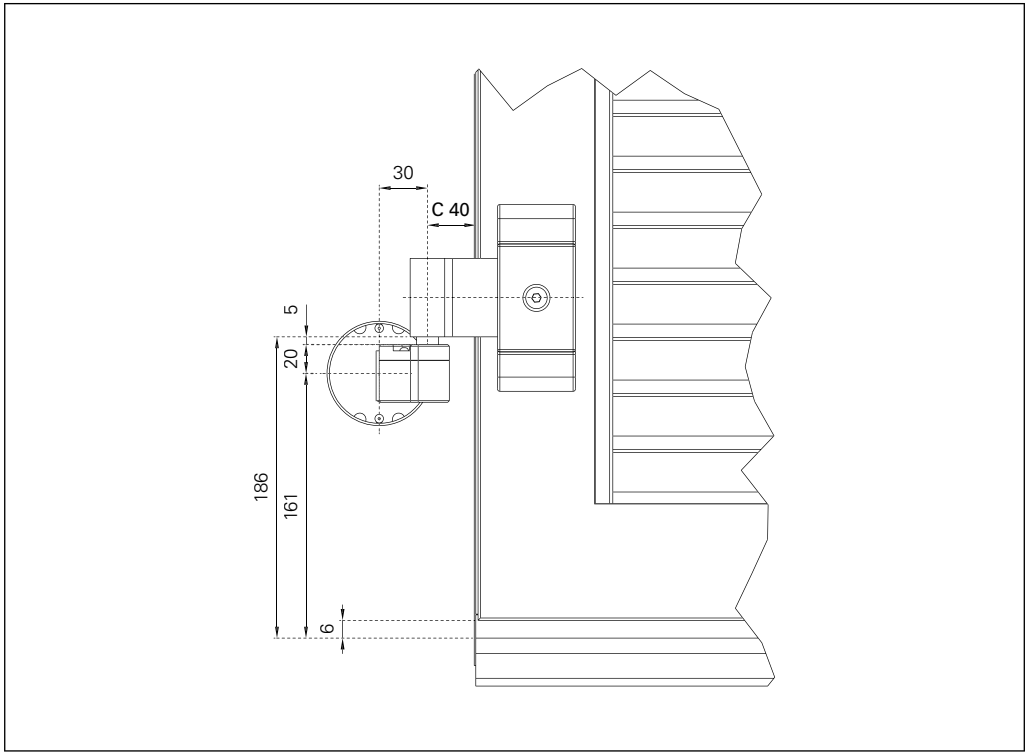
hinge with crank towards the inside!

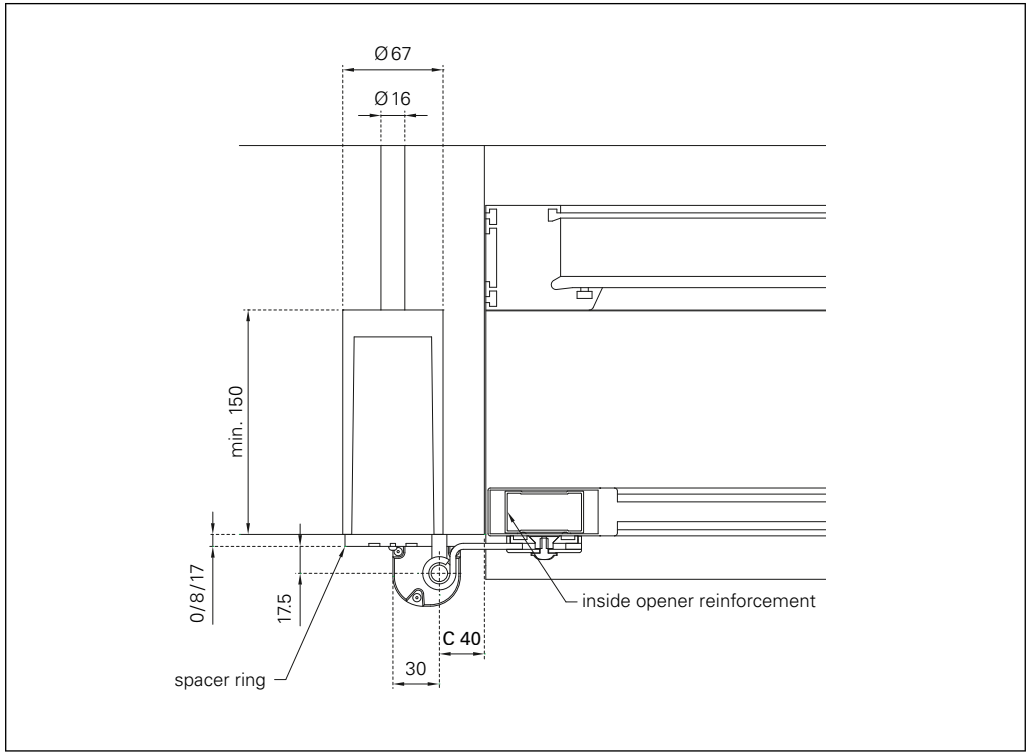


- B = 35 mm
- C = 40 mm

Measuring instructions

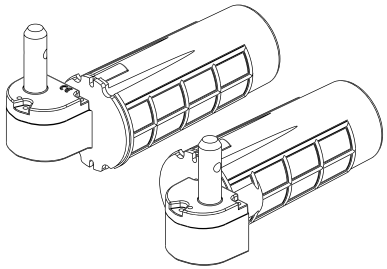
Dimension C

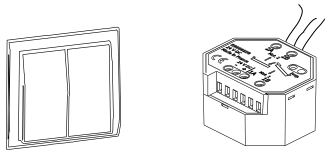


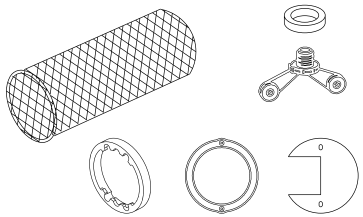


- Express hinges made of steel are used for the E-motion bracket drive.
- The frame features inside opener reinforcement (Art. no. 10006).
- Dimension C 40 mm as standard.
- If the reveal is fragile, the drilling distance from the edge of the reveal and therefore dimension C may need to be increased.
- In the case of window shutters with 2 hinges per sash, either the upper or lower brackets can be motorised. In the case of 3 hinges, we recommend motorising the middle bracket.

E-motion | Bracket drive sets



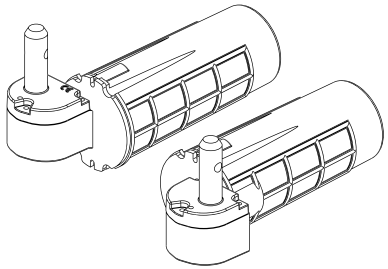


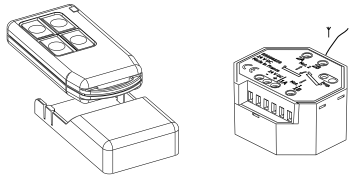


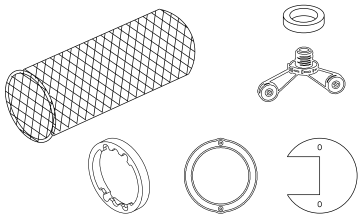
E-motion with wired pushbutton control, bracket drive set incl. pushbutton, control unit, screen sleeve, drilling template for façades, retaining rings, fastening screws

Diagram		
1L, 2L	1 drive (left)	6555
1R, 2R	1 drive (right)	6556
2, 3L/3R, 4	2 drives (left + right)	6557

INFO
• Bracket diameter Ø 14 mm







E-motion with remote control, bracket drive set incl. wireless remote control, control unit, screen sleeve, drilling template for façades, retaining rings, fastening screws

Diagram		
1L, 2L	1 drive (left)	6550
1R, 2R	1 drive (right)	6551
2, 3L/3R, 4	2 drives (left + right)	6552

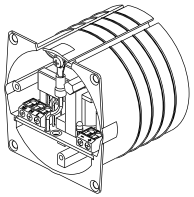
INFO
• Bracket diameter Ø 14 mm

E-motion | Connection | Options

Important: *Connection and fastening accessories are required in order to ensure correct installation and operation of the E-motion bracket drive, but are not included in the scope of delivery!*

CONNECTION (220 V / 24 V)

Note: *Max. cable length of 100 m between control and power supply or control and motor.*

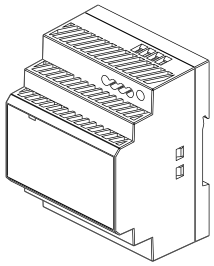


Concealed switching power supply, DC 100 W, for max. 4 drives

6560

INFO

- Direct installation without concealed socket, Ø 68–60 mm
- incl. cover trim, white

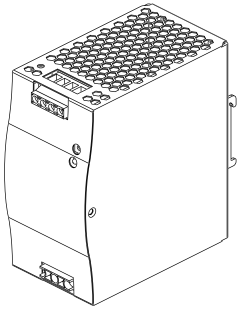


Surface-mounted switching power supply, DC 100 W, for max. 4 drives

6561

INFO

- External dimensions: 70 × 63 × 88 mm
- Switch cabinet installation possible



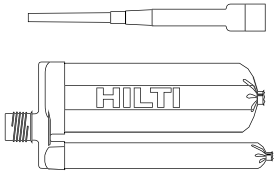
Switch cabinet, DC 240 W, for max. 16 drives

6562

INFO

- External dimensions: 63.5 × 135 × 140 mm

OPTIONS | Fastening

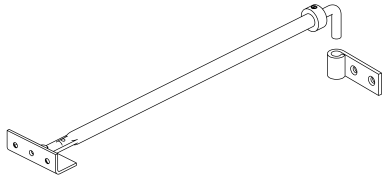


HILTI injection mortar, HIT-HY 50, 330 ml cartridge, incl. cartridge nozzle for each drive

4450

INFO

- One cartridge (330 ml) is required per drive for sealing.

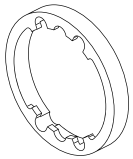


Coupling rod, for 2 drives

Length		
600, 1000 mm	2L/2R, 3L/3R, 4	6047

INFO

- Supplied with the order depending on stop diagram.



Spacer ring, for each motor

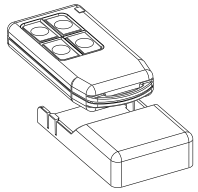
Height	required for installation type	
8 mm	2, 3 (depth of rabbet 15–20 mm)	6572
12 mm	3 (depth of rabbet 20–25 mm)	6578
17 mm	3 (depth of rabbet 0–15 mm), 4	6573

INFO

- The corresponding spacer ring is supplied in the scope of delivery depending on the installation type and rabbet depth.

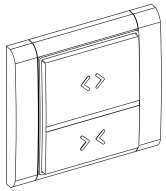
E-motion | Options

OPTIONS | Additional controls



Hand-held transmitter with holder, black

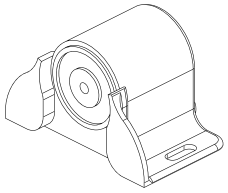
	6565



Wireless pushbutton for E-motion, white

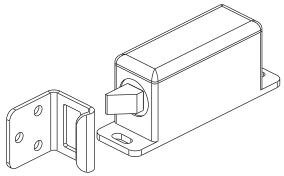
	6566

OPTIONS | Locking



Electromagnetic lock set

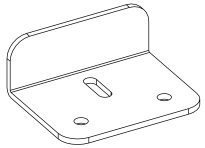
	6575



Deadbolt

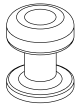
left	6576
right	6577

OPTIONS | Installation



Bolt stop, to screw on

Length	
50 mm	5303
100 mm	5304



Stop button, plastic, black

30, 40, 50, 60 mm	6045

10-piece stop buffer set, transparent, self-adhesive, height 4 mm

Ø 18 mm	10024

INFO

- 1× per sash; This article will be listed as packing units at the end of the order list.

Order form | **E-motion** | Bracket drive

Date Page of

Your address and signature

Consignment

Window shutter model

Switching power supply

- ☐ Concealed *max. 4 drives* ..... pcs
- ☐ Surface-mounted *max. 4 drives* ..... pcs
- ☐ Switch cabinet *max. 16 drives* ..... pcs

Additional options

- ☐ Hand-held transmitter *with holder* ..... pcs
- ☐ Pushbutton *white* ..... pcs

Your customer number

Your processor

Preferred delivery date

Ocean Line plus ☐ yes

☐ OFFER ☐ ORDER

	Surface	*Colour system*	*Colour n°*
Sash	☐ FSM ☐ Finishes ☐ Other	☐ RAL ☐ NCS ☐ VSR	
Motor cover *+ Spacer ring* *+ Bolt stop*	☐ Black *standard* ☐ FSM ☐ Other	☐ RAL ☐ NCS ☐ VSR	
Coupling rod	☐ FSM ☐ Other	☐ RAL ☐ NCS ☐ VSR	

EHRET

Tel. +49 (0) 78 22/439-0
Fax +49 (0) 78 22/439-217
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☐ **Follow-up order**

The original order no. must be specified in the event of follow-up deliveries:

Item	Number of elements	Installation type *1/2/3/4*	Stop diagram	Clear dimensions: Width	Clear dimensions: Height	B	C	E	F	Motor: Pushbutton *wired*	Motor: Wireless	Options: Injection mortar *incl. cartridge nozzle*	Options: Stop button *height = 30/40/50/60 mm*	Options: *Electromagnetic* lock set	Options: Deadbolt left	Options: Deadbolt right	Miscellaneous
										☐	☐	☐	..... mm	☐	☐	☐	
										☐	☐	☐	..... mm	☐	☐	☐	
										☐	☐	☐	..... mm	☐	☐	☐	
										☐	☐	☐	..... mm	☐	☐	☐	
										☐	☐	☐	..... mm	☐	☐	☐	
										☐	☐	☐	..... mm	☐	☐	☐	
										☐	☐	☐	..... mm	☐	☐	☐	
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										☐	☐	☐	..... mm	☐	☐	☐	
										☐	☐	☐	..... mm	☐	☐	☐	

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Date	Page	of	Consignment	Your customer number

Item	Additional information

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EHRET GmbH
Bahnhofstrasse 14-18
D-77972 Mahlberg
Tel. +49(0)78 22/439-0
Fax +49(0)78 22/439-116
www.ehret.com

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