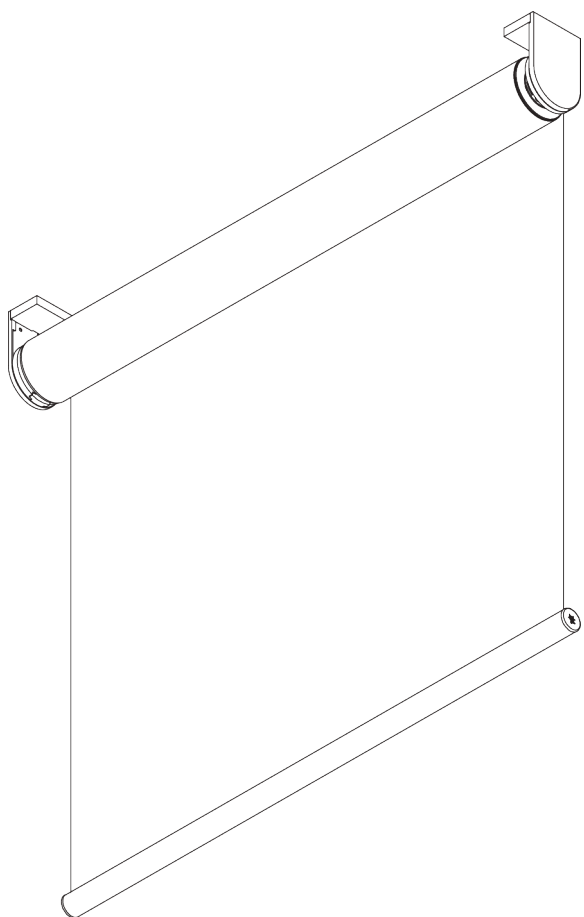
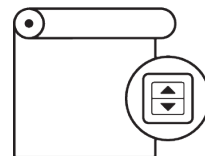


SG 4970



PRODUCT INFORMATION

- **Operation:** motorised
- **Range:** M - L
- **Fitting:** ceiling, wall, recess
- **Colours:** white RAL 9016, grey RAL 7035, black RAL 9005; special colours possible
- **Fabrics:** refer to Silent Gliss fabric collection

Features:

- Quiet and fast motors
- Soft stop
- Various control options
- Two connected systems
- Click-in brackets, fascia, box, installation profile

06/2025/V5

SYSTEM SPECIFICATIONS

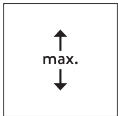
A. SYSTEM
DIMENSIONS



Single system: 3.4 m
Double system: 6.8 m



65 cm*
*see motor specification table



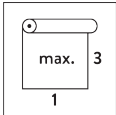
5 m



Single system: 17 m²
Double system: 34 m²



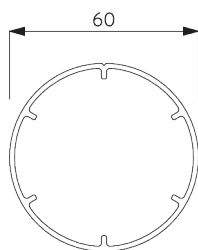
10 kg



Recommended width /
height ratio
max. 1:3

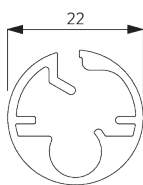
B. PROFILE

Profile information



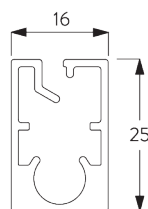
SG 11037

Tube $\varnothing$ 60 mm



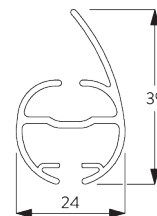
SG 10760

Bottom bar



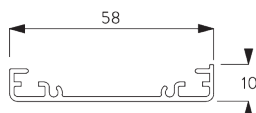
SG 10770

Bottom bar



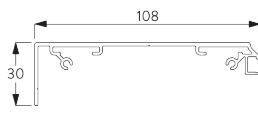
SG 4903

Bottom bar



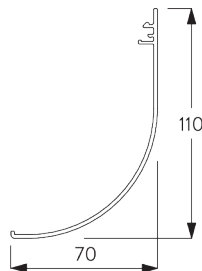
SG 11181

Installation profile



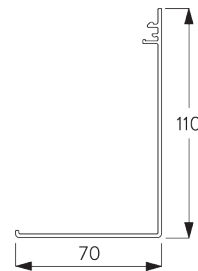
SG 11530

Installation profile fascia 110 mm



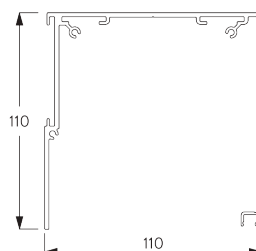
SG 11531

Fascia round 110 mm



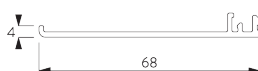
SG 11532

Fascia square 110 mm



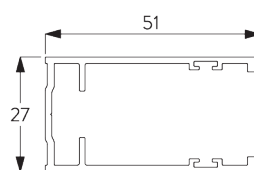
SG 11533

Box case 110 mm



SG 11534

Box cover 110 mm

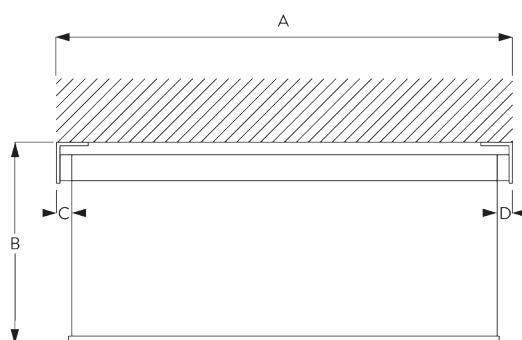


SG 11542

Side guide channel

C. HOW TO MEASURE

incl. bracket covers



A: System width

B: System height

C: Light gap: 18 mm

D: Light gap operation side: 25 mm

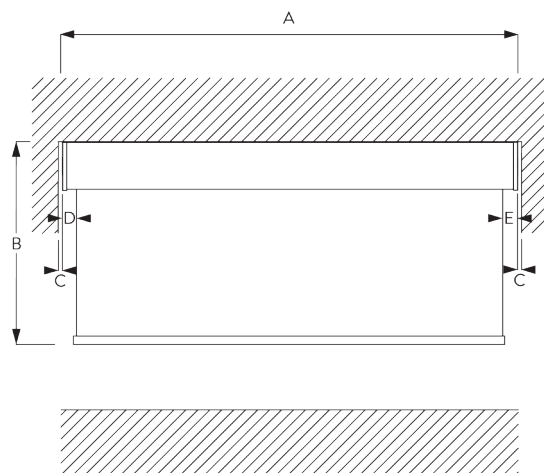
Note:

Different light gaps see motor specifications.

All measurements include 2 mm for bracket cover per side!



Fascia / Box



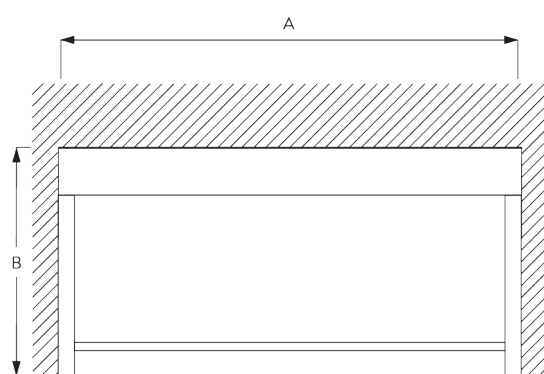
- A: System width
- B: System height
- C: Gap: min. 10 mm (when cover is used)*
- D: Light gap: 20 mm
- E: Light gap operation side: 27 mm

Note:

Different light gaps see motor specifications.

*Possible to make Fascia wider than system to reduce gap between wall and system.

Fascia / Box with Side Profiles SG 11542



- A: System width
- B: System height

D. SPECIFICATION

TEXT

Silent Gliss SG 4970 Electrically Operated Roller Blind with Series 50 motor SG Smart by Silent Gliss enabled motor.

Roller blind system for medium to large size blind applications up to 3.4m wide. Supplied made to measure comprising anodised aluminium barrel SG 11037. Fitted using steel brackets SG 11172 and bracket covers SG 11173. Bottom bar [SG 10760 round / SG 10770 square / SG 4903 oval]. Visible metal hardware powder coated in [white / black / grey]. Optional side guide wires. Integral motor SG 11251 24V DC positioned [left / right] side. Operation via Silent Gliss Smart Gateway and associated components in conjunction with compatible third-party control systems. All wiring to be strictly in accordance with Silent Gliss wiring diagrams. Fabric to be chosen from The Collection by Silent Gliss, Price Group [1R / 2R / 3R].

Silent Gliss SG 4970 Electrically Operated Roller Blind System with Series 40 motor. Roller blind system for medium to large size blind applications up to 3.4m wide. Supplied made to measure and assembled comprising anodised aluminium barrel SG 11037. Fix to wall/ceiling/inside recess using steel brackets SG 11172 and bracket covers SG 11173. Brackets and hardware in white / grey / black finish. Bottom bar [SG 10760 round / SG 10770 square / SG 4903 oval]. Visible metal hardware powder coated in [white / black / grey]. Integral motor [SG 11944 24V DC (transformer not included) / SG 11943 100-240 V AC 50-60Hz motor] positioned [left / right] side. Operation by [3rd party dry contact switching / 3rd party control system with suitable interface / Silent Gliss Control N radio controls via integrated receiver. Control N transmitter & receiver components supplied at additional cost. All wiring to be strictly in accordance with Silent Gliss wiring diagrams. Fabric to be chosen from The Collection by Silent Gliss, Price Group [1R / 2R / 3R].

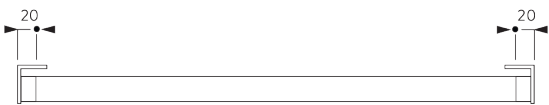
Silent Gliss SG 4970 Electrically Operated Roller Blind System with Series 20 motor. Roller blind system for medium to large size blind applications up to 3.4m wide. Supplied made to measure and assembled comprising anodised aluminium barrel SG 11037. Fix to wall/ceiling/inside recess using steel brackets SG 11172 and bracket covers SG 11173. Bottom bar [SG 10760 round / SG 10770 square / SG 4903 oval]. Visible metal hardware powder coated in [white / black / grey]. Integral mains switched powered motor SG 10522 positioned [left / right] side. Operation by [3rd party switching / SG Control R with external receiver / 3rd party control system with suitable interface]. Control R transmitter & external receiver components supplied at additional costs. All wiring to be strictly in accordance with Silent Gliss wiring diagrams. Fabric to be chosen from The Collection by Silent Gliss, Price Group [1R / 2R / 3R].

FITTING

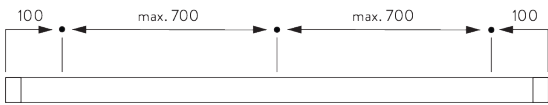
A. FITTING INFORMATION

Fixing points

For detailed fitting information, visit the [Silent Gliss website](#).

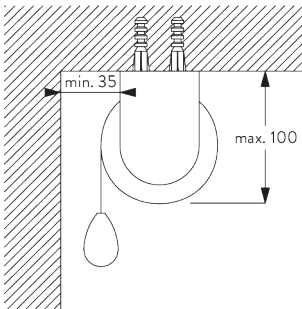


Brackets (wall / ceiling)

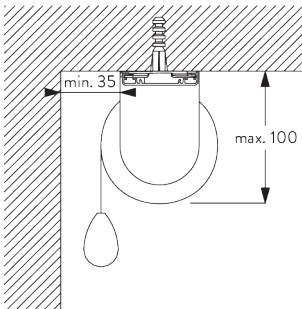


Fascia / box & installation profile SG 11181 (wall / ceiling)

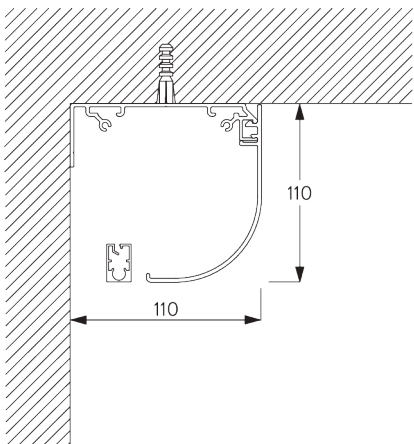
B. CEILING FITTING



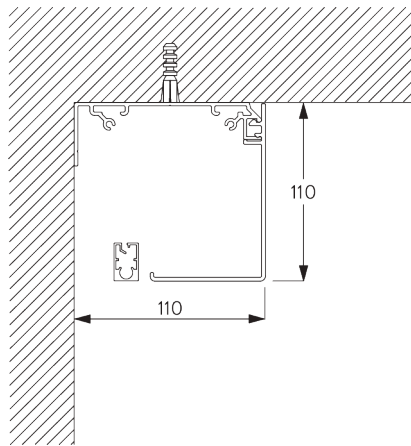
Brackets



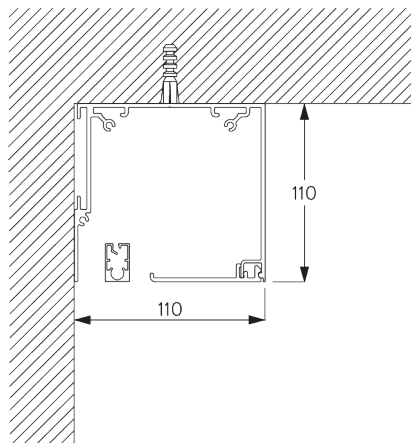
Installation profile SG 11181 and clamp SG 11180



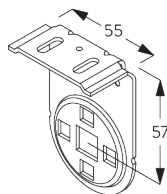
Fascia round



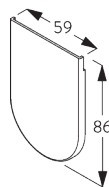
Fascia square



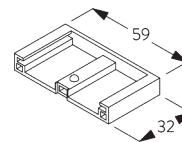
Box



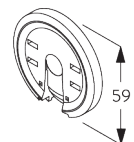
SG 11172
Bracket



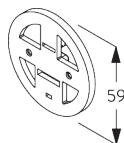
SG 11173
Bracket cover



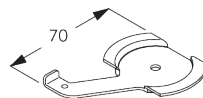
SG 11174
Bracket cover



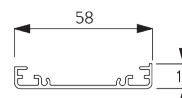
SG 11175
Click flange



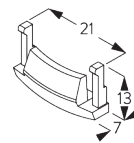
SG 11177
Motor support



SG 11180
Clamp

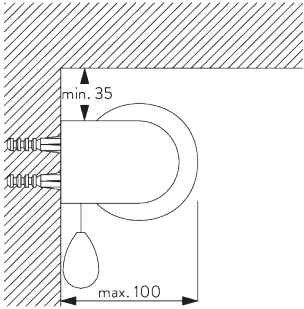


SG 11181
Installation profile

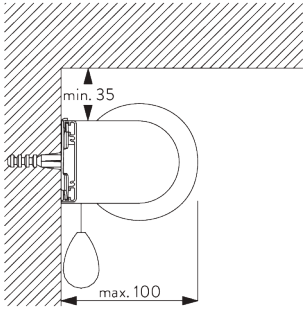


SG 11179
Cover

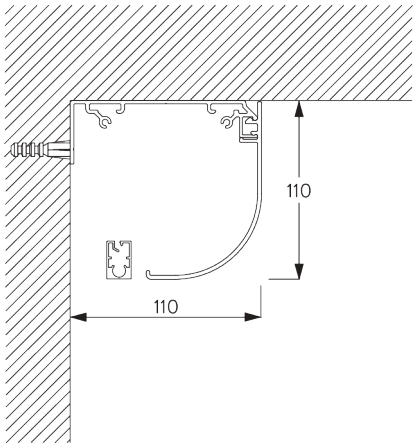
C. WALL FITTING



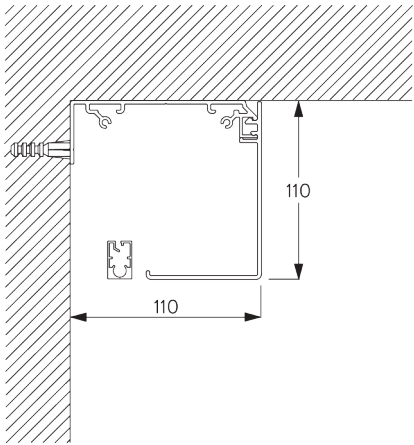
Brackets



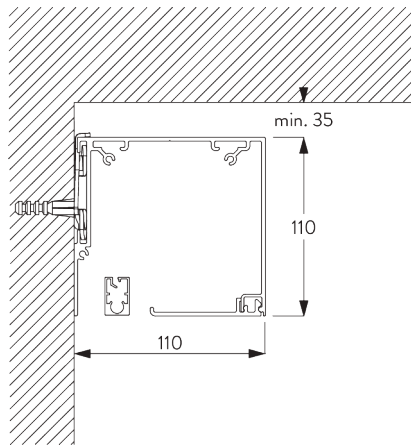
Installation profile SG 11181 and clamp SG 11180



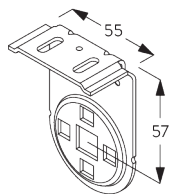
Fascia round



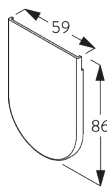
Fascia square



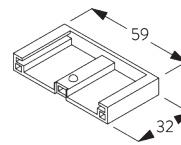
Box and clamp SG 11180



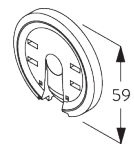
SG 11172
Bracket



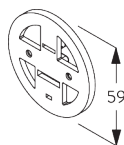
SG 11173
Bracket cover



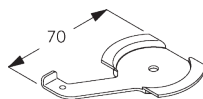
SG 11174
Bracket cover



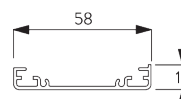
SG 11175
Click flange



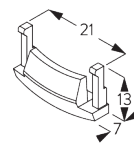
SG 11177
Motor support



SG 11180
Clamp

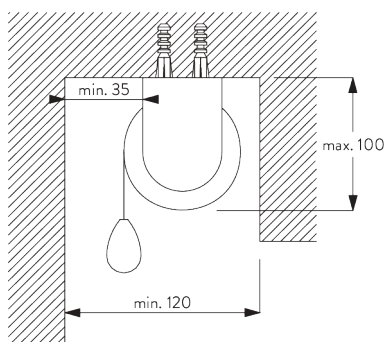


SG 11181
Installation profile

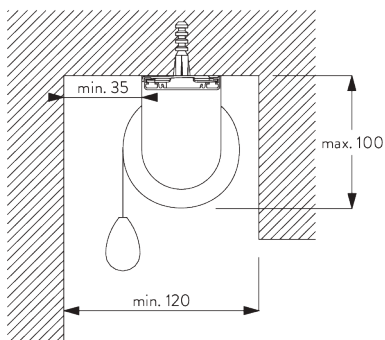


SG 11179
Cover

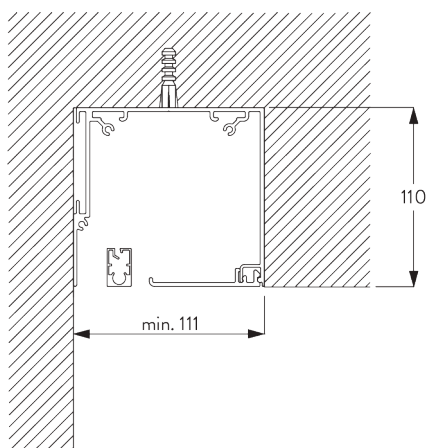
D. RECESS FITTING



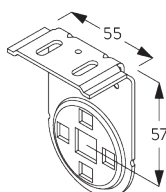
Brackets



Installation profile SG 11181 and clamp SG 11180

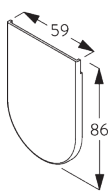


Box



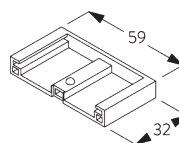
SG 11172

Bracket



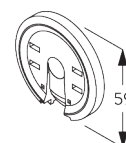
SG 11173

Bracket cover



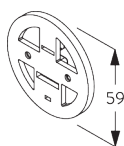
SG 11174

Bracket cover



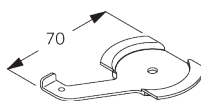
SG 11175

Click flange



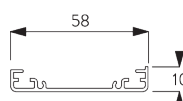
SG 11177

Motor support



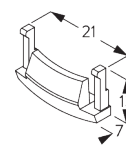
SG 11180

Clamp



SG 11181

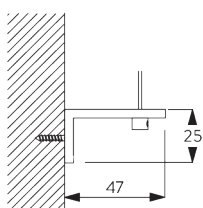
Installation profile

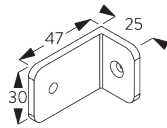


SG 11179

Cover

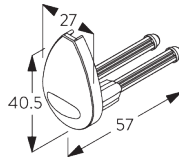
E. FITTING WITH SIDE GUIDE OPTION





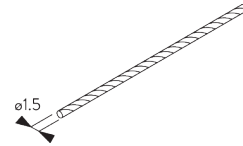
SG 3036

Bracket 47 mm



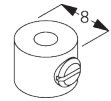
SG 4944

Side guide end cover



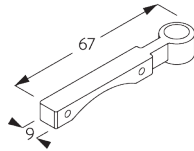
SG 4948

Side guide wire $\varnothing 1.5$ mm



SG 8249

Side guide device

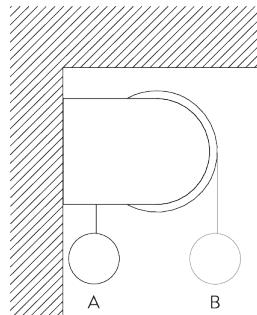
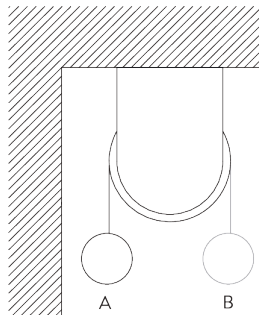


SG 11182

Side guide wire holder

SYSTEM OPTIONS

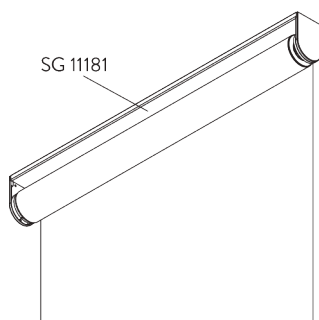
A. FABRIC ROLL-OFF



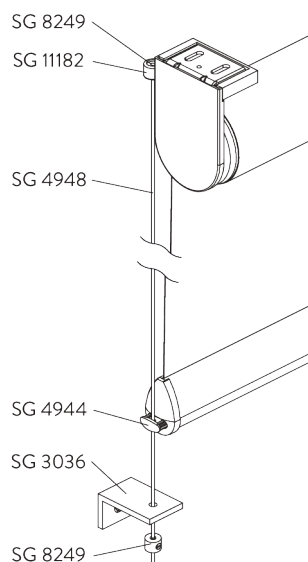
A: Fabric roll-off window side (standard)

B: Fabric roll-off room side (option)

B. INSTALLATION PROFILE



C. SIDE GUIDES



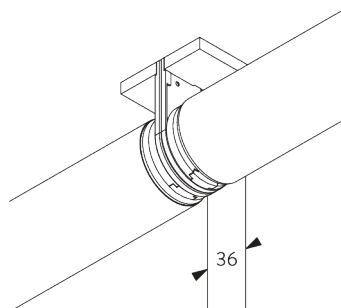
Additional parts:

- 2x SG 3036 Bracket
- 2x SG 4944 Side guide end cover
- 2x SG 4948 Side guide wire $\varnothing$ 1.5 mm
- 4x SG 8249 Side guide device
- 2x SG 11182 Side guide wire holder

Note:

- Light gaps increase when side-guide option is used
- Up to 15° from vertical
- Only applicable with bottom bar SG 4903

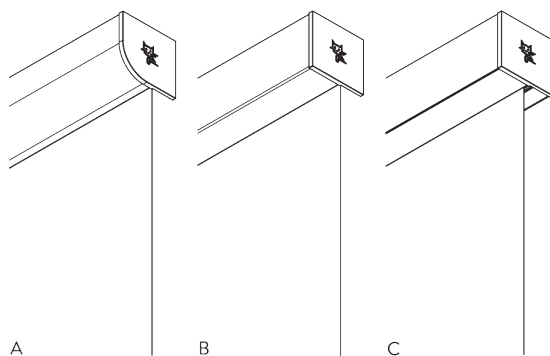
D. TWO CONNECTED SYSTEMS



Additional parts:

- 1x SG 11175 Click flange
- 1x SG 11183 Connecting bolt
- 2x SG 11184 Connection bracket cover
- 1x SG 11195 Connection tube adapter

E. FASCIA / BOX



A: Fascia round

B: Fascia square

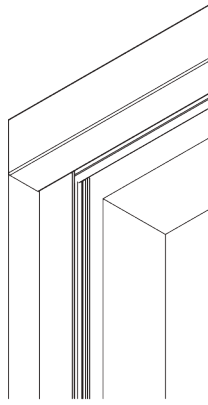
C: Box

Size

- 110 x 110 mm

Note:

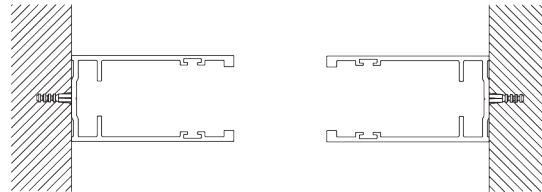
- Only applicable with bottom bar SG 10770
- Not possible with connected systems
- Two systems with one Fascia possible upon request



Optional side guide channels SG 11542 to be used with Fascia or Box.

Note:

- Only applicable with inside fitting
- Box: only recess fitting



MOTORS & CONTROLS

A. MOTOR FEATURES

	50-Series	40-Series	25-Series	20-Series
Motors	SG 11251	SG 11943 SG 11944	SG 11625	SG 10522

Motor Features

Soft stop	•	•	•	•
Electronic end-stop	•	•	•	•
Electronic revolution counter (unlimited revolution)	•	•	•	•
Mechanical end-stop				
Mechanical revolution counter (limited revolution)				
One intermediate position possible		•		
Bottom bar alignment	•	•		
Noiseless stop				•
Parallel wiring possible without additional relays		•	•	•
Disconnectable motor cable	•	•	•	•
IP class	IP 30	IP 30	IP 30	IP 44

Control Features

Mains power control			•	•
Dry contact control		•		
Dry contact and / or SG Control N control		•		
SG Control N (built-in receiver)		•		
SG Control R (external receiver required)			•	•
Smart by Silent Gliss	•			
Suitable for most major home automation systems (with suitable interface)		•	•	•

B. MOTOR

SPECIFICATIONS

Motors	Light gaps* C / D= driving side	Min. system width	Voltage	Current	Frequency	Speed	Frequency receiver
50-Series (Smart by Silent Gliss)							
SG 11251	C: 18 mm / D: 26 mm	65 cm	24 V DC	1.5 A	n/a	32 rpm	n/a
40-Series							
SG 11943	C: 18 mm / D: 26 mm	87 cm	100-240 V AC	0.6 A	50-60 Hz	32 rpm	433 MHz
SG 11944	C: 18 mm / D: 26 mm	65 cm	24 V DC	1.5 A	n/a	32 rpm	433 MHz
25-Series							
SG 11625	C: 18 mm / D: 25 mm	87 cm	100-240 V AC	0.8 A	50-60 Hz	32 rpm	n/a
20-Series							
SG 10522 (standard)	C: 18 mm / D: 25 mm	65 cm	230 V AC	0.6 A	50 Hz	30 rpm	n/a

*Light gaps Fascia or Box: C +3 mm / D +2 mm (20-Series: C +2 mm / D + 2 mm)

C. OPERATING

METHODS

See catalogue "controls" for details.

Wall Switch



System can be operated by fixed wall switch.

SG Control N



Various radio hand-held and wall transmitters available.



Silent Gliss Move App.

SG Control R



Various radio hand-held and wall transmitters available.
An external receiver is required.

Smart by Silent Gliss



Open designed two-way communication system which
allows to flawlessly integrate products with most major
home control systems.

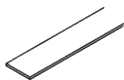
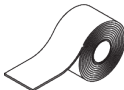
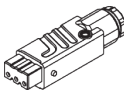
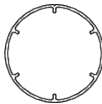
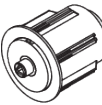
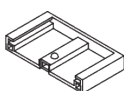
D. WIRING
DIAGRAMS

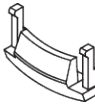
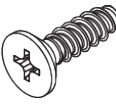


Refer to Silent Gliss website.

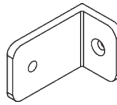
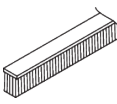
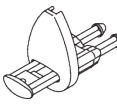
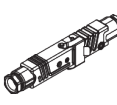
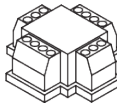
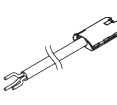
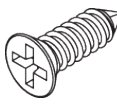
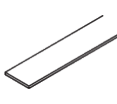
PARTS

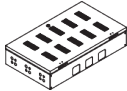
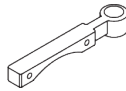
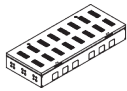
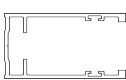
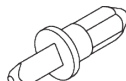
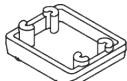
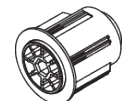
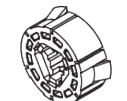
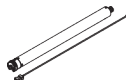
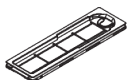
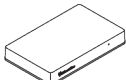
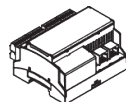
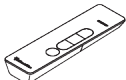
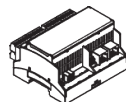
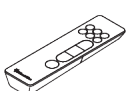
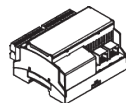
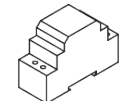
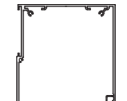
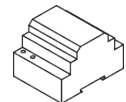
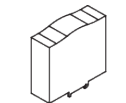
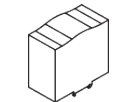
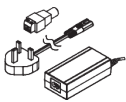
A. STANDARD PARTS

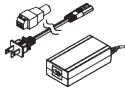
	SG 4223 PVC strip 14 mm
	SG 4226 Double tape 30 mm
	SG 9917 Hirschmann portable socket-outlet STAK 3 N
	SG 10284 O-Ring
	SG 10522 Motor 230V AC, 20-Series 3/30
	SG 10760 Bottom bar
	SG 10761 End cover
	SG 11037 Tube ø 60 mm
	SG 11165 Tube adapter
	SG 11172 Bracket
	SG 11173 Bracket cover
	SG 11174 Bracket cover
	SG 11175 Click flange
	SG 11176 Tube adapter

	SG 11177 Motor support
	SG 11179 Cover
	SG 11323 PT Screw Countersunk KA35x12 WN 1413
	SG 11358 Motor drive 10/20-Series

B. OPTIONAL PARTS

	SG 3036 Bracket 47 mm
	SG 4508 Brush 5x7 mm
	SG 4903 Bottom bar
	SG 4944 Side guide end cover
	SG 4948 Side guide wire ø 1.5 mm
	SG 8249 Side guide device
	SG 9916 Hirschmann plug set
	SG 9959 Central control unit relay
	SG 10293 Cable 230V AC, 2/3/5/10 m
	SG 10498 Countersunk screw 2.9x9.5
	SG 10668 PVC strip 10 mm
	SG 10770 Bottom bar
	SG 10771 End cover
	SG 11178 End cover

	SG 11180 Clamp		SG 11281 Cabinet for 8 systems		SG 11539 Bracket cover square left 110 mm
	SG 11181 Installation profile		SG 11282 Cabinet for 24 systems		SG 11540 Bracket cover square right 110 mm
	SG 11182 Side guide wire holder		SG 11283 Cabinet for 56 systems		SG 11542 Side guide channel
	SG 11183 Connection bolt		SG 11311 Bracket spacer		SG 11544 Bracket left 110 mm
	SG 11184 Connection bracket cover		SG 11319 Plug 4-pin, MC 1.5/4-ST-3.81		SG 11545 Bracket right 110 mm
	SG 11195 Connection tube adapter		SG 11360 Motor drive 40/50-Series		SG 11625 Motor 100-240V AC, 25-Series S 3/32
	SG 11251 Motor 24V DC, 50-Series 3/32		SG 11460 Cover for Hirschmann plug		SG 11900 Move Server
	SG 11260 Gateway Cedia		SG 11530 Installation profile fascia 110 mm		SG 11931 Radio hand held 1 channel
	SG 11261 Gateway KNX		SG 11531 Fascia round 110 mm		SG 11932 Radio hand held 6 channel
	SG 11262 Expansion unit		SG 11532 Fascia square 110 mm		SG 11936 Radio wall transmitter 1 channel
	SG 11263 Power supply 24V DC, 2.5A DIN Rail		SG 11533 Box case 110 mm		SG 11937 Radio wall transmitter 6 channel
	SG 11264 Power supply 24V DC, 3.8A DIN Rail		SG 11534 Box cover 110 mm		SG 11943 Motor 100-240V AC, 40-Series S 3/32, radio receiver
	SG 11265 Power supply 24V DC, 5A DIN Rail		SG 11537 Bracket cover round left 110 mm		SG 11944 Motor 24V DC, 40-Series S 3/32, radio receiver
	SG 11266 Power supply 24V DC, 10A DIN Rail		SG 11538 Bracket cover round right 110 mm		SG 11966 Power supply set 24V/2A with GB plug



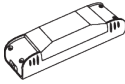
SG 11967

Power supply set 24V/2A with US plug



SG 20336

Hand held transmitter 8 channel



SG 20907

Control module motor type R



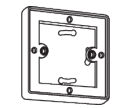
SG 20913

Wall switch single channel



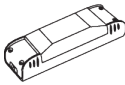
SG 20914

Wall switch 8 channel



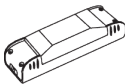
SG 20917

Pattress box



SG 20918

Control module motor type A,AA



SG 20919

Control module motor type R
