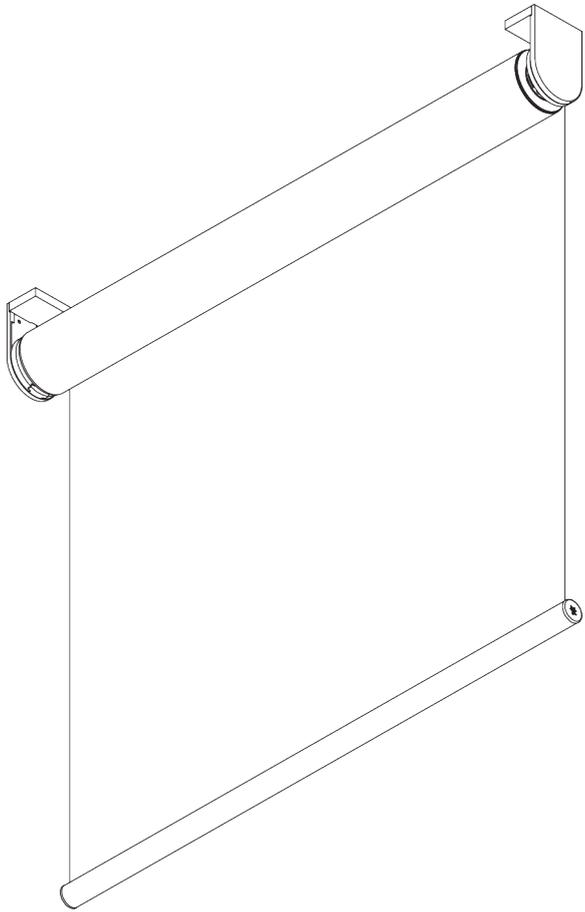
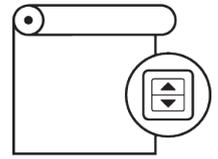


# SG 4970

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## 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

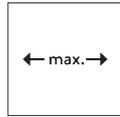
### **Features:**

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

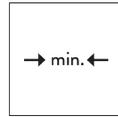
07/2025/V1

# SYSTEM SPECIFICATIONS

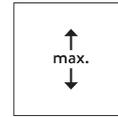
## A. SYSTEM DIMENSIONS



Single system: 3.4 m  
Double system: 6.8 m



65 cm\*  
\*see motor specification  
table



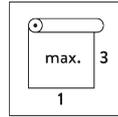
5 m



Single system: 17 m<sup>2</sup>  
Double system: 34 m<sup>2</sup>



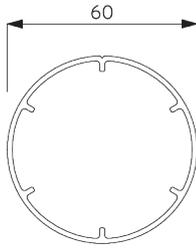
10 kg



Recommended width /  
height ratio  
max. 1:3

## B. PROFILE

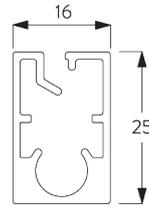
### Profile information



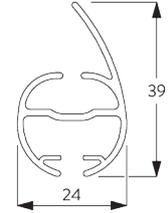
**SG 11037**  
Tube ø 60 mm



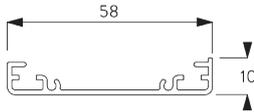
**SG 10760**  
Bottom bar



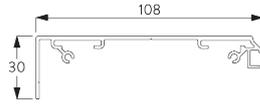
**SG 10770**  
Bottom bar



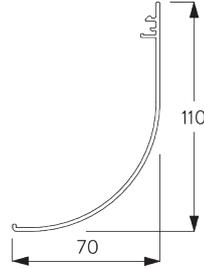
**SG 4903**  
Bottom bar



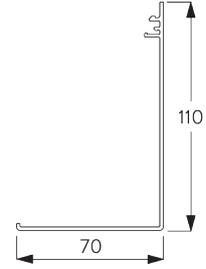
**SG 11181**  
Installation profile



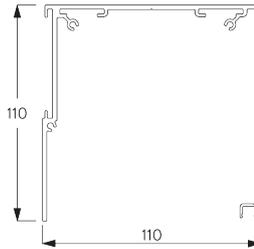
**SG 11530**  
Installation profile fascia 110 mm



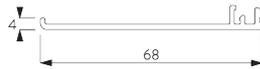
**SG 11531**  
Fascia round 110 mm



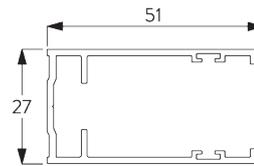
**SG 11532**  
Fascia square 110 mm



**SG 11533**  
Box case 110 mm



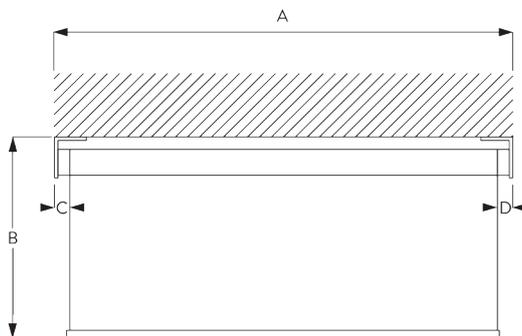
**SG 11534**  
Box cover 110 mm



**SG 11542**  
Side guide channel

## C. HOW TO MEASURE

*incl. bracket covers*

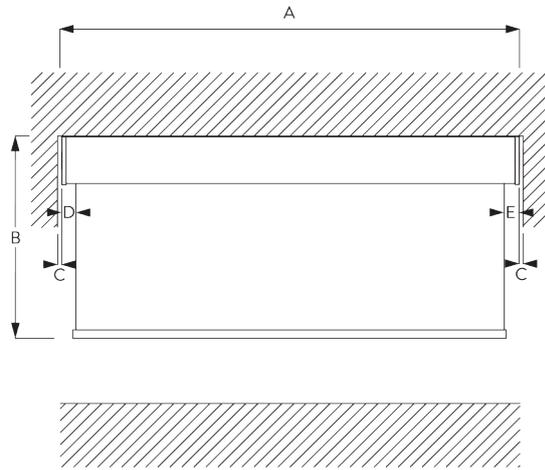


A: System width  
B: System height  
C: Light gap: 18 mm  
D: Light gap operation side: 25 mm

Note:  
Different light gaps see motor specifications.  
All measurements include 2 mm for bracket cover per side!



## Fascia / Box



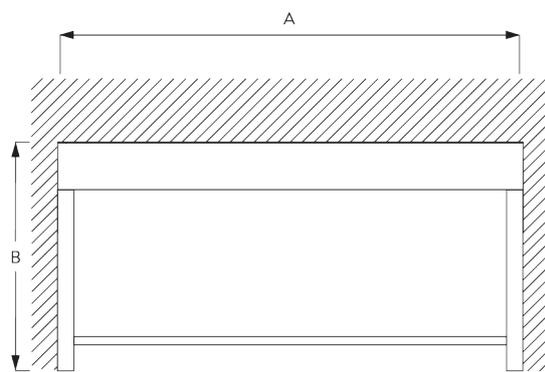
- A: System width
- B: System height
- C: Gap: min. 10 mm (when cover is used)\*
- D: Light gap: 20 mm
- E: Light gap operation side: 27 mm

### 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].

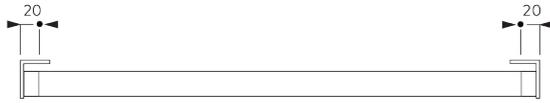
**Silent Gliss SG 4970 Electrically Operated Roller Blind System with Series 20 motor.** Roller blind system for medium to large size blind applications up to 3.4m wide. Supplied made to measure and assembled comprising anodised aluminium barrel SG 11037. Fix to wall/ceiling/inside recess using steel 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

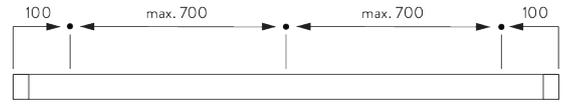
## A. FITTING INFORMATION

For detailed fitting information, visit the Silent Gliss website.

### Fixing points

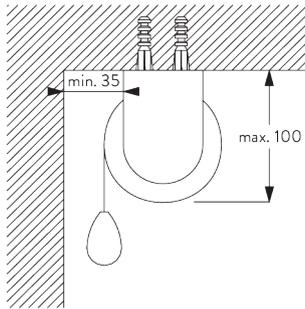


Brackets (wall / ceiling)

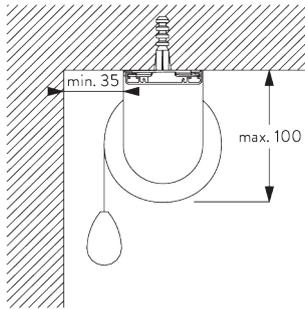


Fascia / box & installation profile SG 11181 (wall / ceiling)

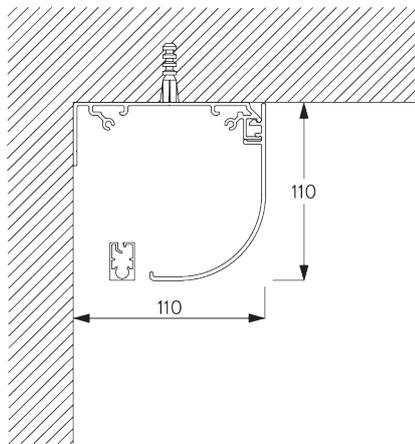
## B. CEILING FITTING



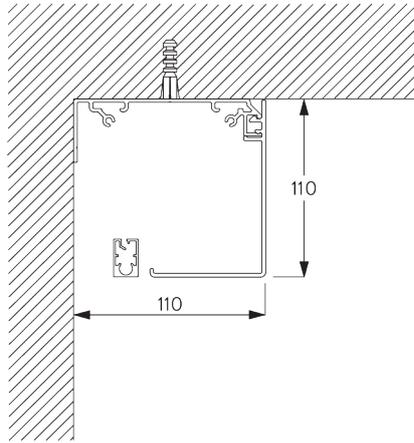
Brackets



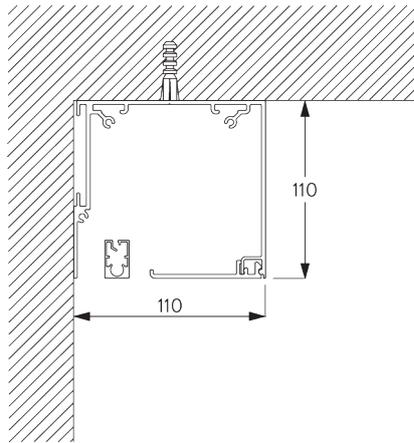
Installation profile SG 11181 and clamp SG 11180



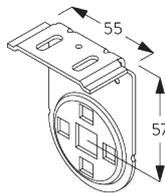
Fascia round



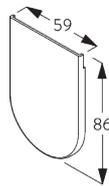
**Fascia square**



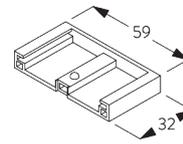
**Box**



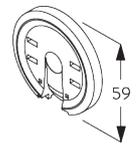
**SG 11172**  
Bracket



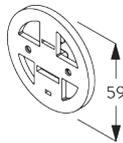
**SG 11173**  
Bracket cover



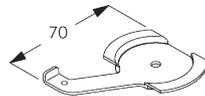
**SG 11174**  
Bracket cover



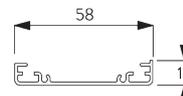
**SG 11175**  
Click flange



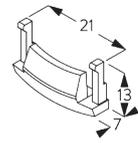
**SG 11177**  
Motor support



**SG 11180**  
Clamp

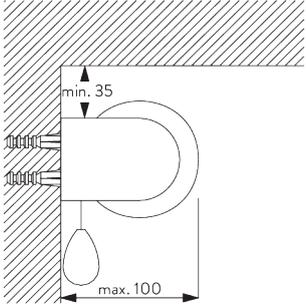


**SG 11181**  
Installation profile

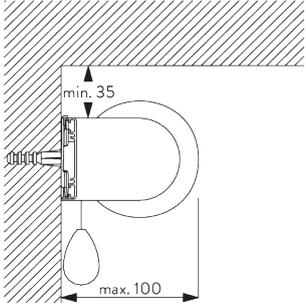


**SG 11179**  
Cover

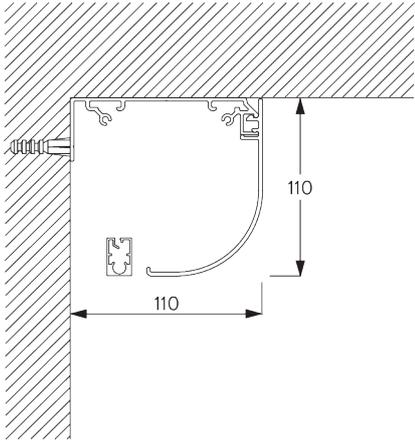
**C. WALL FITTING**



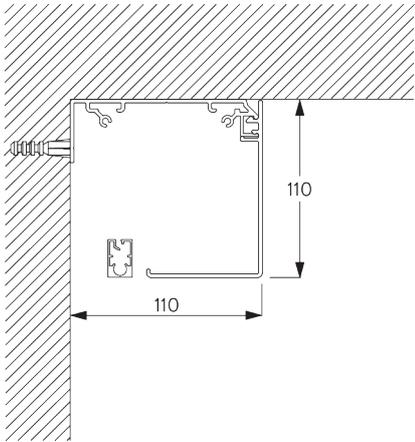
**Brackets**



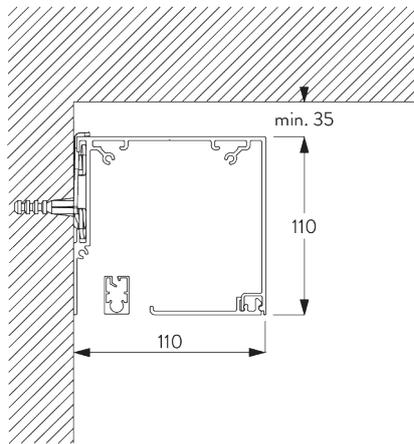
**Installation profile SG 11181 and clamp SG 11180**



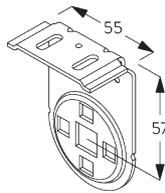
**Fascia round**



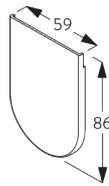
**Fascia square**



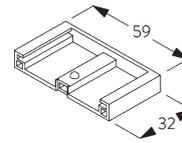
**Box and clamp SG 11180**



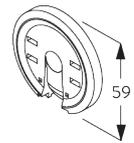
**SG 11172**  
Bracket



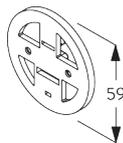
**SG 11173**  
Bracket cover



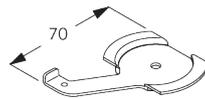
**SG 11174**  
Bracket cover



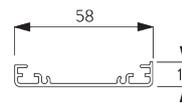
**SG 11175**  
Click flange



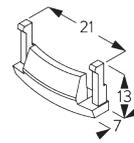
**SG 11177**  
Motor support



**SG 11180**  
Clamp

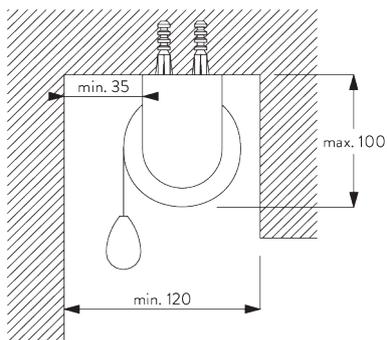


**SG 11181**  
Installation profile

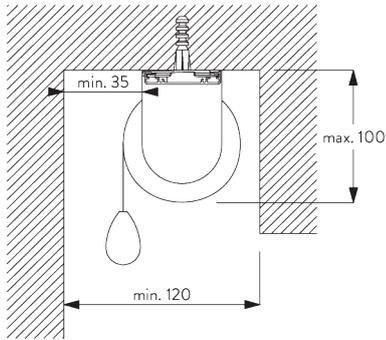


**SG 11179**  
Cover

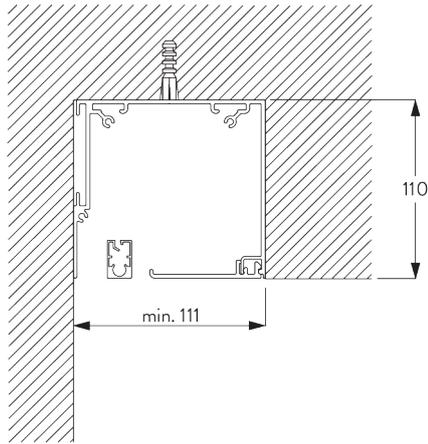
## D. RECESS FITTING



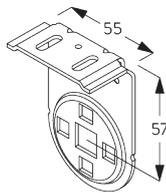
**Brackets**



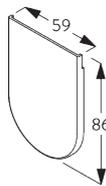
**Installation profile SG 11181 and clamp SG 11180**



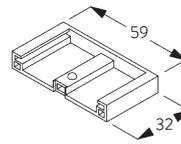
**Box**



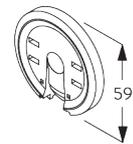
**SG 11172**  
Bracket



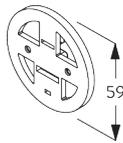
**SG 11173**  
Bracket cover



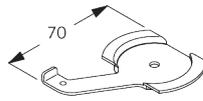
**SG 11174**  
Bracket cover



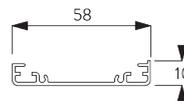
**SG 11175**  
Click flange



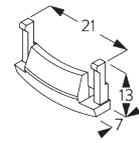
**SG 11177**  
Motor support



**SG 11180**  
Clamp

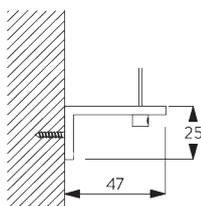


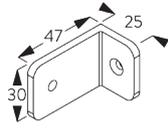
**SG 11181**  
Installation profile



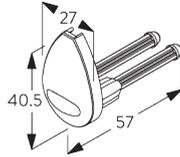
**SG 11179**  
Cover

**E. FITTING WITH  
SIDE GUIDE  
OPTION**

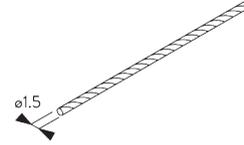




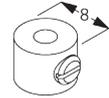
**SG 3036**  
Bracket 47 mm



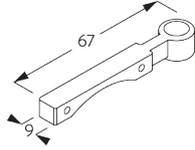
**SG 4944**  
Side guide end cover



**SG 4948**  
Side guide wire ø 1.5 mm



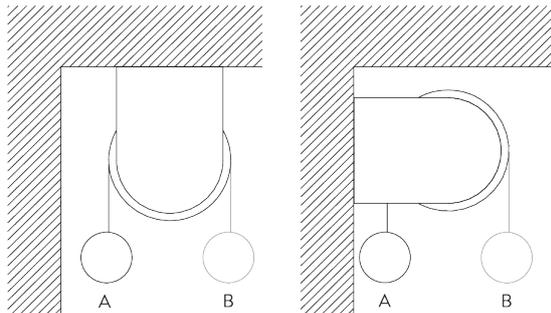
**SG 8249**  
Side guide device



**SG 11182**  
Side guide wire holder

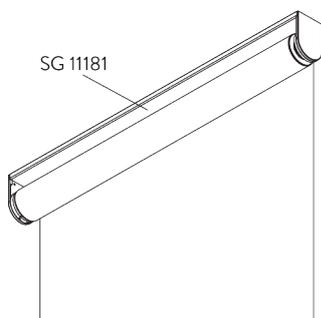
## SYSTEM OPTIONS

### A. FABRIC ROLL-OFF

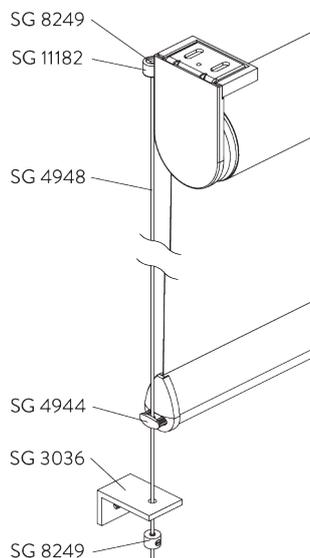


A: Fabric roll-off window side (standard)  
B: Fabric roll-off room side (option)

### B. INSTALLATION PROFILE



### C. SIDE GUIDES



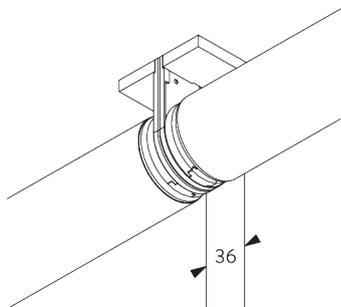
#### Additional parts:

- 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

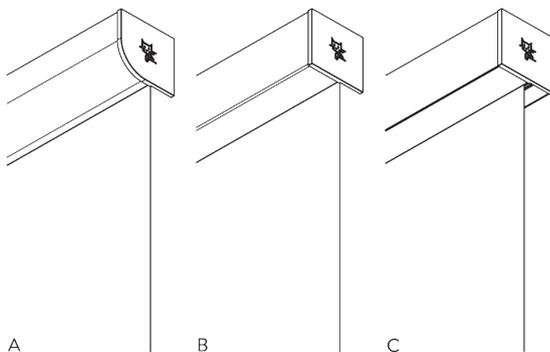
### D. TWO CONNECTED SYSTEMS



#### 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



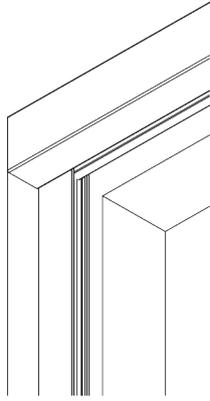
- A: Fascia round
- B: Fascia square
- C: Box

#### Size

- 110 x 110 mm

#### Note:

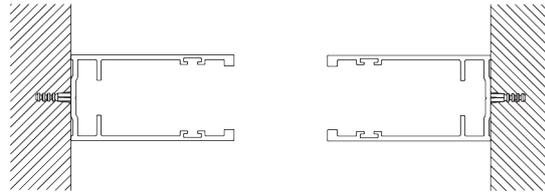
- Only applicable with bottom bar SG 10770
- Not possible with connected systems
- Two systems with one Fascia possible upon request



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
<b>Motor Features</b>				
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
<b>Control Features</b>				
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
<b>50-Series</b> (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
<b>40-Series</b>							
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
<b>25-Series</b>							
SG 11625	C: 18 mm / D: 25 mm	87 cm	100-240 V AC	0.8 A	50-60 Hz	32 rpm	n/a
<b>20-Series</b>							
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

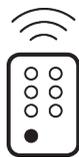


Various radio hand-held and wall transmitters available.



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.

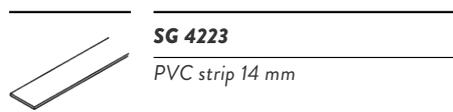
**D. WIRING**  
**DIAGRAMS**



*Refer to Silent Gliss website.*

# PARTS

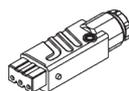
## A. STANDARD PARTS



**SG 4223**  
PVC strip 14 mm



**SG 4226**  
Double tape 30 mm



**SG 9917**  
Hirschmann portable socket-outlet  
STAK 3 N



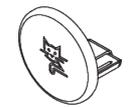
**SG 10284**  
O-Ring



**SG 10522**  
Motor 230V AC, 20-Series 3/30



**SG 10760**  
Bottom bar



**SG 10761**  
End cover



**SG 11037**  
Tube ø 60 mm



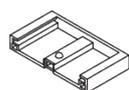
**SG 11165**  
Tube adapter



**SG 11172**  
Bracket



**SG 11173**  
Bracket cover



**SG 11174**  
Bracket cover



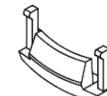
**SG 11175**  
Click flange



**SG 11176**  
Tube adapter



**SG 11177**  
Motor support



**SG 11179**  
Cover

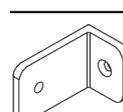


**SG 11323**  
PT Screw Countersunk KA35x12  
WN 1413

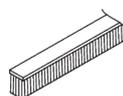


**SG 11358**  
Motor drive 10/20-Series

## B. OPTIONAL PARTS



**SG 3036**  
Bracket 47 mm



**SG 4508**  
Brush 5x7 mm



**SG 4903**  
Bottom bar



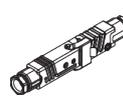
**SG 4944**  
Side guide end cover



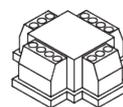
**SG 4948**  
Side guide wire ø 1.5 mm



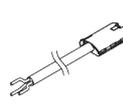
**SG 8249**  
Side guide device



**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



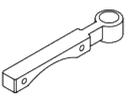
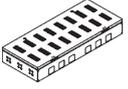
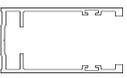
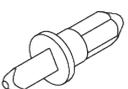
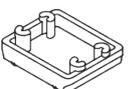
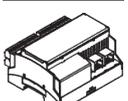
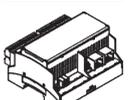
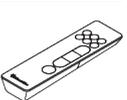
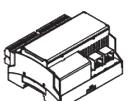
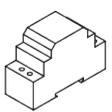
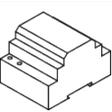
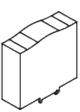
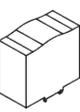
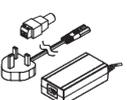
**SG 10770**  
Bottom bar

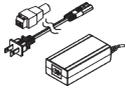


**SG 10771**  
End cover



**SG 11178**  
End cover

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



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**SG 11967**

Power supply set 24V/2A with US plug

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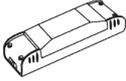


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**SG 20336**

Hand held transmitter 8 channel

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**SG 20907**

Control module motor type R

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**SG 20913**

Wall switch single channel

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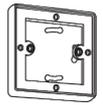


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**SG 20914**

Wall switch 8 channel

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**SG 20917**

Patress box

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**SG 20918**

Control module motor type A,AA

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**SG 20919**

Control module motor type R

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