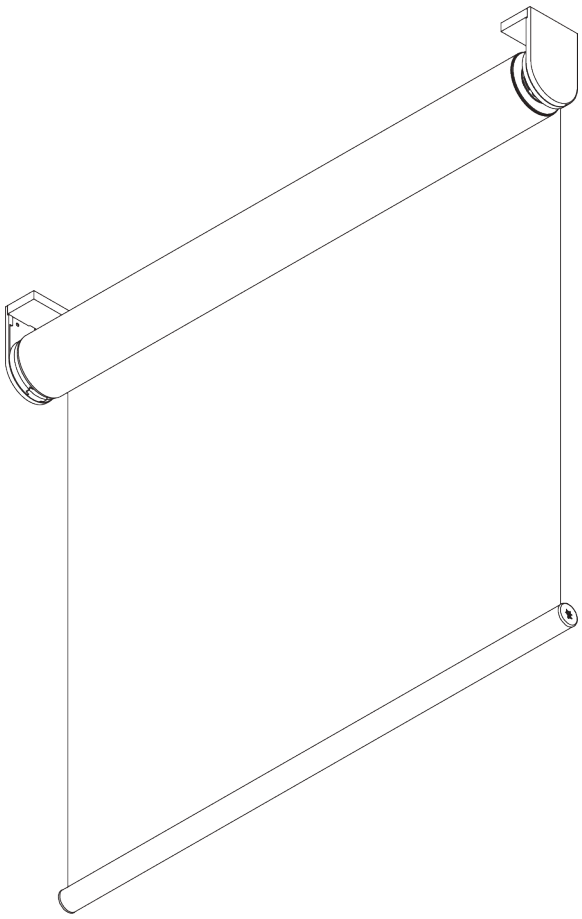
SG 4970



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*

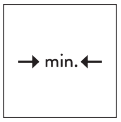
06/2026/V1

SilentGliss

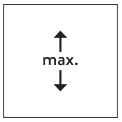
SYSTEM SPECIFICATIONS

A. SYSTEM DIMENSIONS

Single system: 3.4 m
Double system: 6.8 m



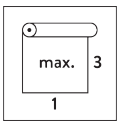
*65 cm**
**see motor specification table*



5 m

Single system: 17 m²
Double system: 34 m²

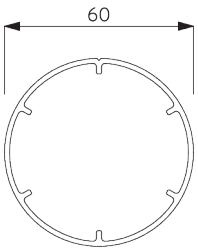
10 kg



Recommended width / height ratio
max. 1:3

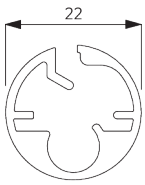
B. PROFILE

Profile information



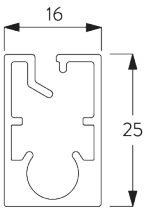
SG 11037

Tube ø 60 mm



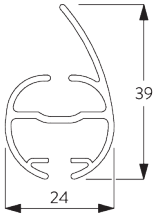
SG 10760

Bottom bar



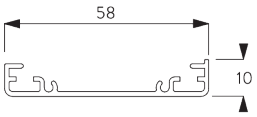
SG 10770

Bottom bar



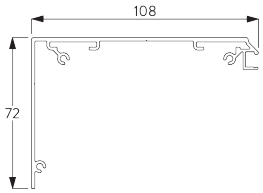
SG 4903

Bottom bar



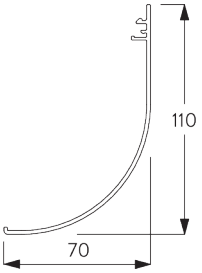
SG 11181

Installation profile



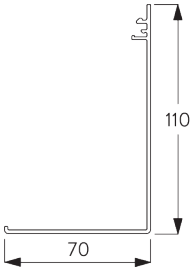
SG 11530

Installation profile fascia 110 mm



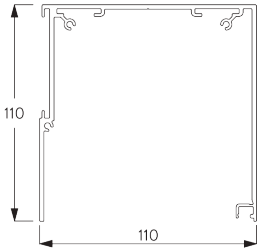
SG 11531

Fascia round 110 mm



SG 11532

Fascia square 110 mm

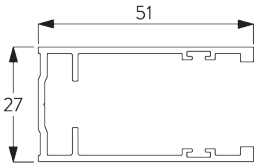


SG 11533

Box case 110 mm

SG 11534

Box cover 110 mm

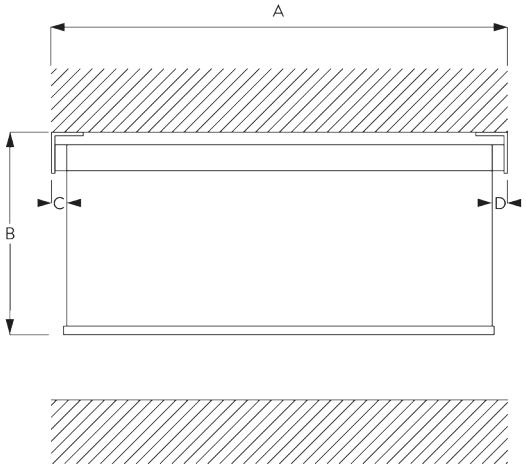


SG 11542

Side guide channel

C. HOW TO MEASURE

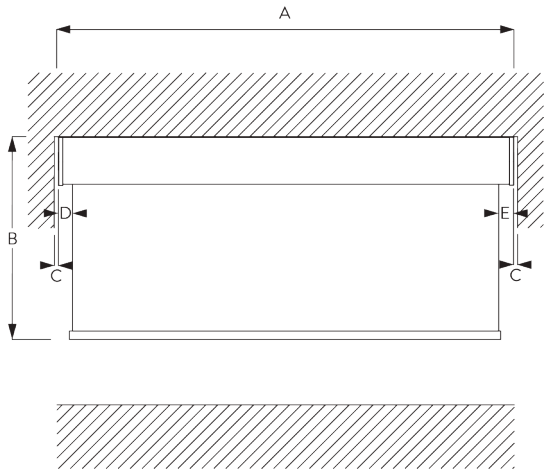
incl. bracket covers



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!

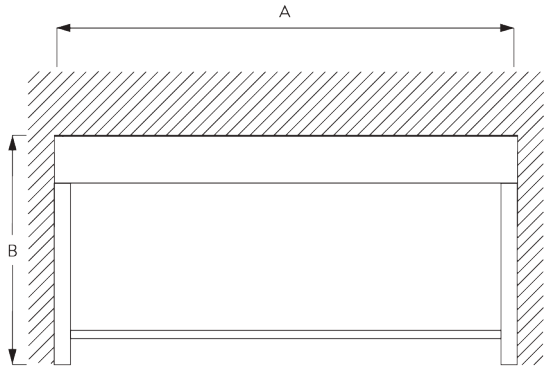
Fascia / Box



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. Iintegral 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].*

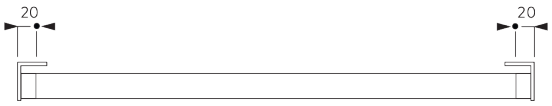
Silent Gliss SG 4970 Electrically Operated Roller Blind System with Series 20 motor. *Roller blind system for medium to large size blind applications up to 3.4m wide. Supplied made to measure and assembled comprising anodised aluminium barrel SG 11037. Fix to wall/ceiling/inside recess using steel brackets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

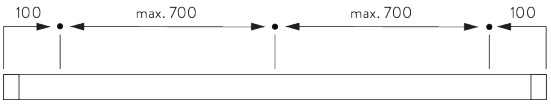
A. FITTING INFORMATION

For detailed fitting information, visit the Silent Gliss website.

Fixing points

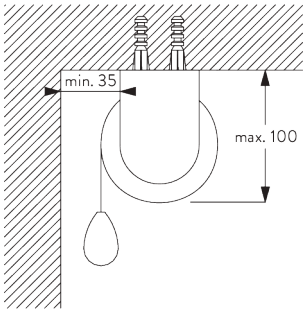


Brackets (wall / ceiling)

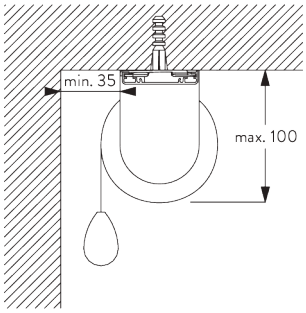


Fascia / box & installation profile SG 11181 (wall / ceiling)

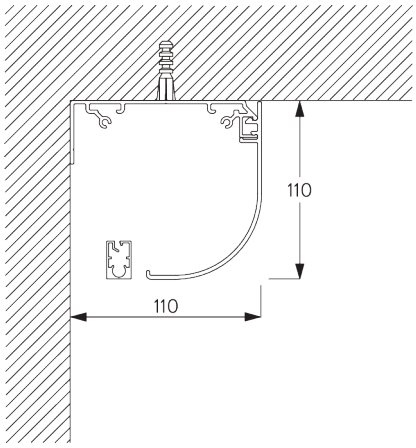
B. CEILING FITTING



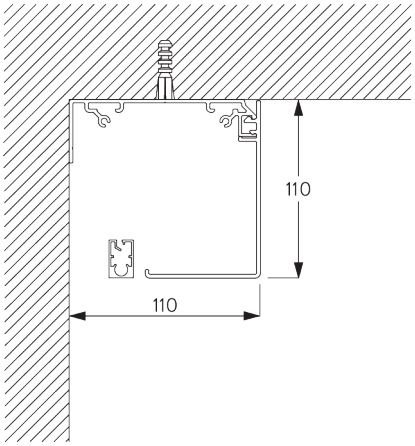
Brackets



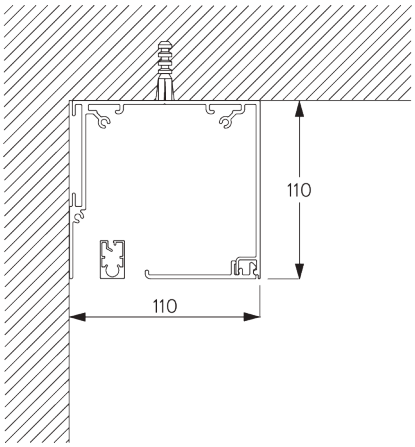
Installation profile SG 11181 and clamp SG 11180



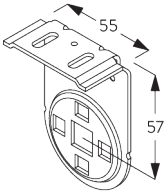
Fascia round



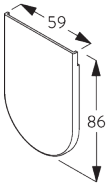
Fascia square



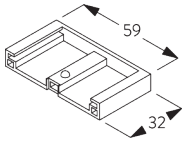
Box



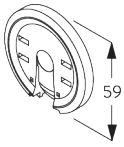
SG 11172
Bracket



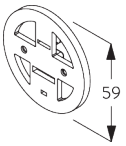
SG 11173
Bracket cover



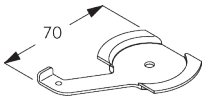
SG 11174
Bracket cover



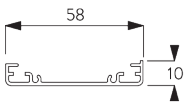
SG 11175
Click flange



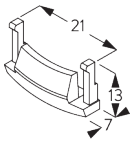
SG 11177
Motor support



SG 11180
Clamp

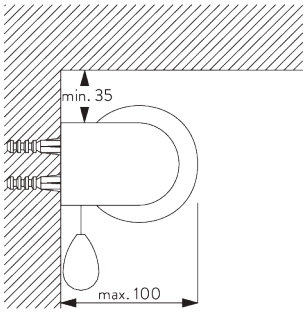


SG 11181
Installation profile

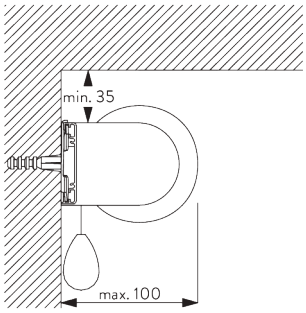


SG 11179
Cover

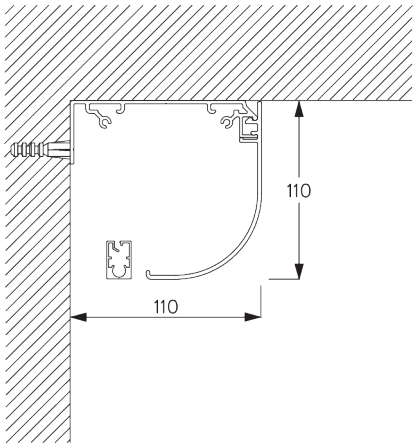
C. WALL FITTING



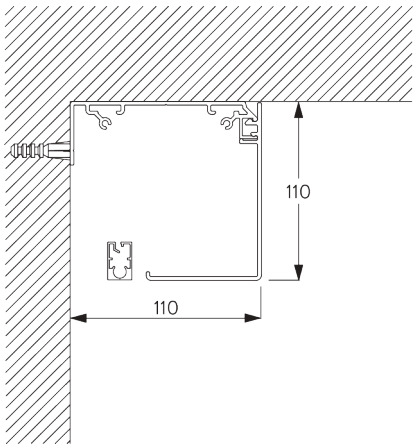
Brackets



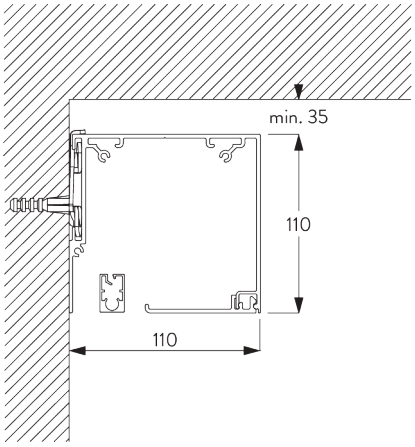
Installation profile SG 11181 and clamp SG 11180



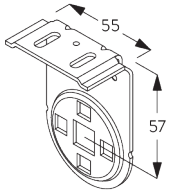
Fascia round



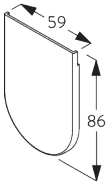
Fascia square



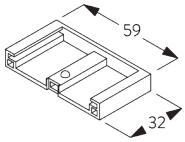
Box and clamp SG 11180



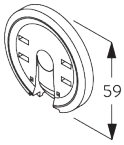
SG 11172
Bracket



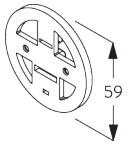
SG 11173
Bracket cover



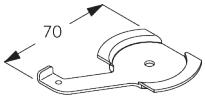
SG 11174
Bracket cover



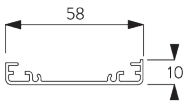
SG 11175
Click flange



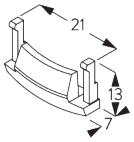
SG 11177
Motor support



SG 11180
Clamp

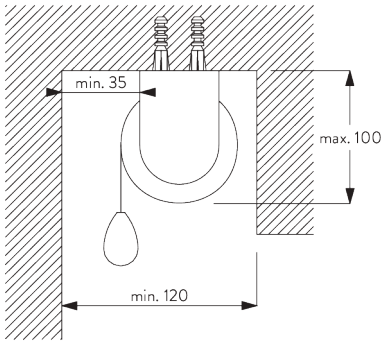


SG 11181
Installation profile

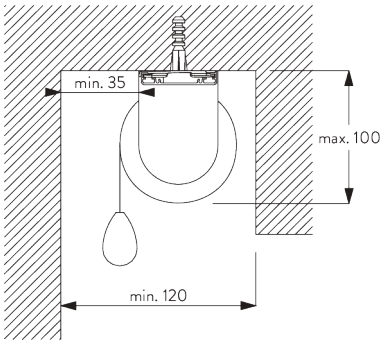


SG 11179
Cover

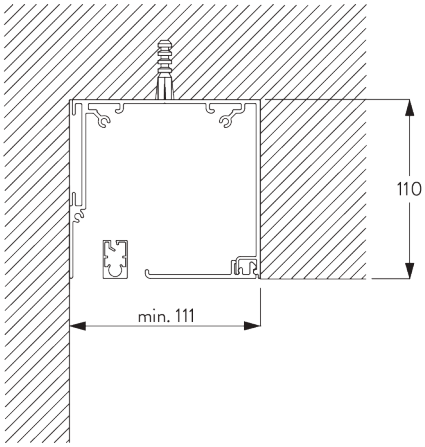
D. RECESS FITTING



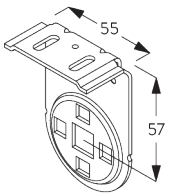
Brackets



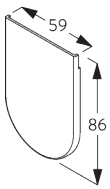
Installation profile SG 11181 and clamp SG 11180



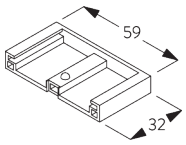
Box



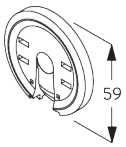
SG 11172
Bracket



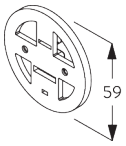
SG 11173
Bracket cover



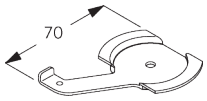
SG 11174
Bracket cover



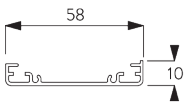
SG 11175
Click flange



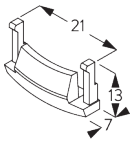
SG 11177
Motor support



SG 11180
Clamp

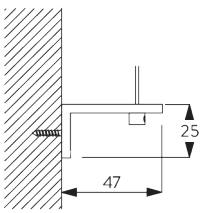


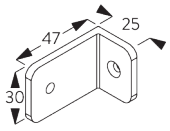
SG 11181
Installation profile



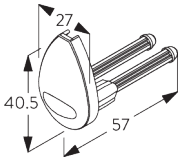
SG 11179
Cover

E. FITTING WITH SIDE GUIDE OPTION

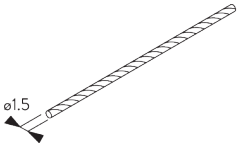




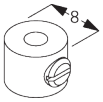
SG 3036
Bracket 47 mm



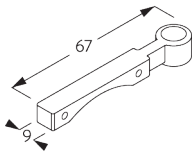
SG 4944
Side guide end cover



SG 4948
Side guide wire ø 1.5 mm



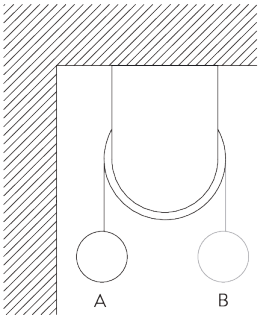
SG 8249
Side guide device

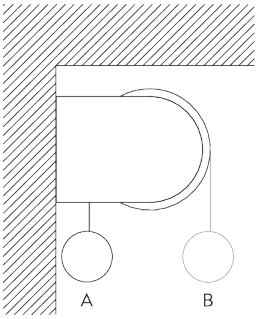


SG 11182
Side guide wire holder

SYSTEM OPTIONS

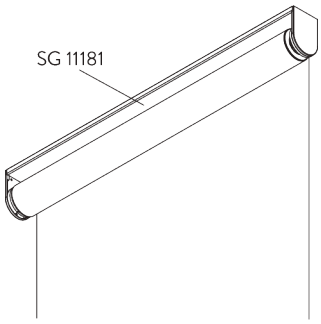
A. FABRIC ROLL-OFF



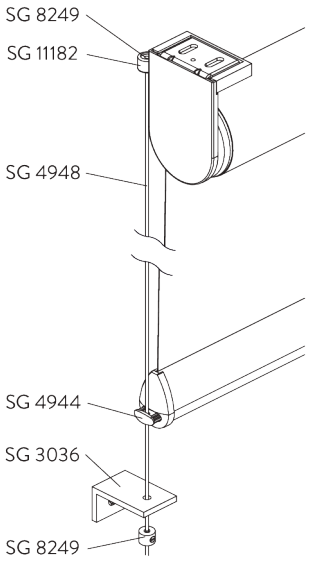


A: Fabric roll-off window side (standard)
B: Fabric roll-off room side (option)

B. INSTALLATION PROFILE



C. SIDE GUIDES



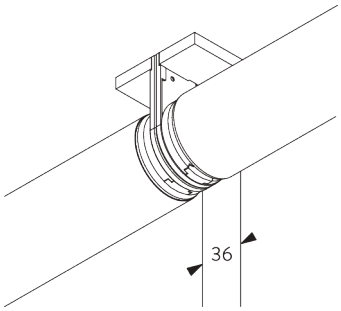
Additional parts:

- *2x SG 3036 Bracket*
- *2x SG 4944 Side guide end cover*
- *2x SG 4948 Side guide wire ø 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*

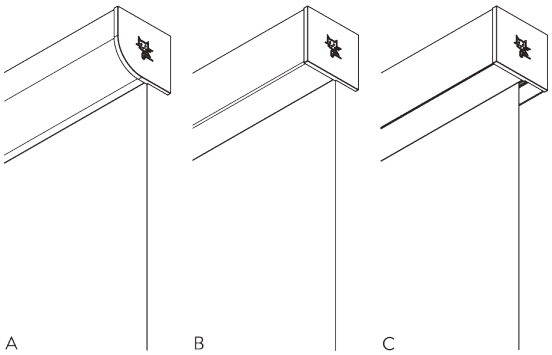
D. TWO CONNECTED SYSTEMS



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



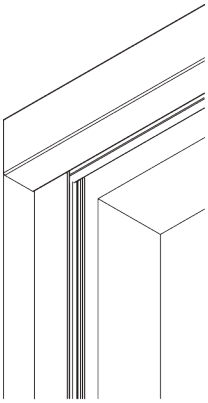
A: Fascia round
B: Fascia square
C: Box

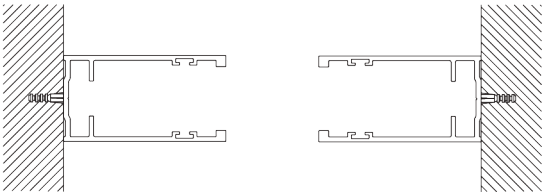
Size

- *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

Motors	50-Series	40-Series	25-Series	20-Series
	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 allignment	●	●	●*	
Noiseless stop				●
Parallel wiring possible without additional relays		●	●	●
Disconnectable motor cable	●	●	●	●
Motor head white / black / grey	● / - / -	● / ● / -	● / - / -	● / ● / -
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)		●	●	●

*Based on blinds the same size and fabric

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: 26 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

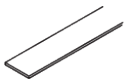
Open designed two-way communication system which allows to flawlessly integrate products with most major home control systems.

D. WIRING DIAGRAMS

Refer to Silent Gliss website.

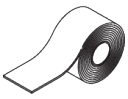
PARTS

A. STANDARD PARTS



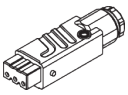
SG 4223

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

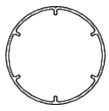
Motor 230V AC, 20-Series 3/30

SG 10760

Bottom bar

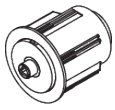
SG 10761

End cover



SG 11037

Tube ø 60 mm



SG 11165

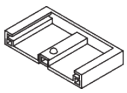
Tube adapter

SG 11172

Bracket

SG 11173

Bracket cover



SG 11174

Bracket cover

SG 11175

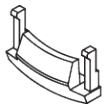
Click flange

SG 11176

Tube adapter

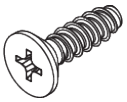
SG 11177

Motor support



SG 11179

Cover



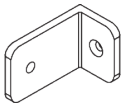
SG 11323

PT Screw Countersunk KA35x12 WN 1413

SG 11358

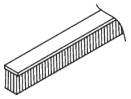
Motor drive 10/20-Series

B. OPTIONAL PARTS



SG 3036

Bracket 47 mm

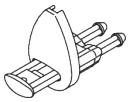


SG 4508

Brush 5x7 mm

SG 4903

Bottom bar

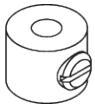


SG 4944

Side guide end cover

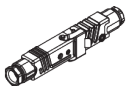
SG 4948

Side guide wire ø 1.5 mm



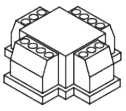
SG 8249

Side guide device



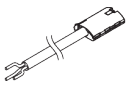
SG 9916

Hirschmann plug set



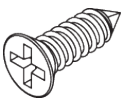
SG 9959

Central control unit relay



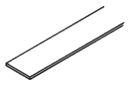
SG 10293

Cable 230V AC, 2/3/5/10 m



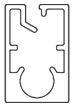
SG 10498

Countersunk screw 2.9x9.5



SG 10668

PVC strip 10 mm



SG 10770

Bottom bar

SG 10771

End cover

SG 11178

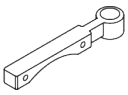
End cover

SG 11180

Clamp

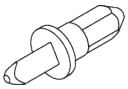
SG 11181

Installation profile



SG 11182

Side guide wire holder

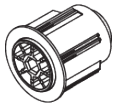


SG 11183

Connection bolt

SG 11184

Connection bracket cover

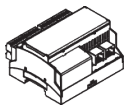


SG 11195

Connection tube adapter

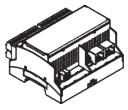
SG 11251

Motor 24V DC, 50-Series 3/32



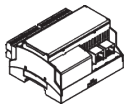
SG 11260

Gateway Cedia



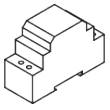
SG 11261

Gateway KNX



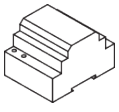
SG 11262

Expansion unit



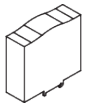
SG 11263

Power supply 24V DC, 2.5A DIN Rail



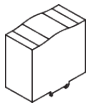
SG 11264

Power supply 24V DC, 3.8A DIN Rail



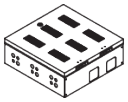
SG 11265

Power supply 24V DC, 5A DIN Rail



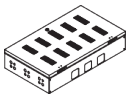
SG 11266

Power supply 24V DC, 10A DIN Rail



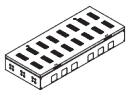
SG 11281

Cabinet for 8 systems



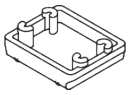
SG 11282

Cabinet for 24 systems



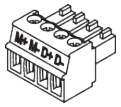
SG 11283

Cabinet for 56 systems



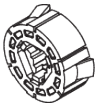
SG 11311

Bracket spacer



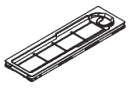
SG 11319

Plug 4-pin, MC 1.5/4-ST-3.81



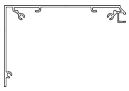
SG 11360

Motor drive 40/50-Series



SG 11460

Cover for Hirschmann plug



SG 11530

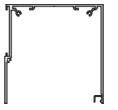
Installation profile fascia 110 mm

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 11537

Bracket cover round left 110 mm

SG 11538

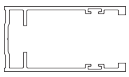
Bracket cover round right 110 mm

SG 11539

Bracket cover square left 110 mm

SG 11540

Bracket cover square right 110 mm



SG 11542

Side guide channel

SG 11544

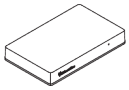
Bracket left 110 mm

SG 11545

Bracket right 110 mm

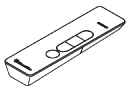
SG 11625

Motor 100-240V AC, 25-Series S 3/32



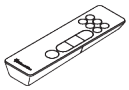
SG 11900

Move Server



SG 11931

Radio hand held 1 channel



SG 11932

Radio hand held 6 channel

SG 11936

Radio wall transmitter 1 channel

SG 11937

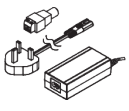
Radio wall transmitter 6 channel

SG 11943

Motor 100-240V AC, 40-Series S 3/32, radio receiver

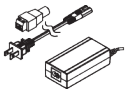
SG 11944

Motor 24V DC, 40-Series S 3/32, radio receiver



SG 11966

Power supply set 24V/2A with GB plug

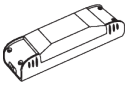


SG 11967

Power supply set 24V/2A with US plug

SG 20336

Hand held transmitter 8 channel



SG 20907

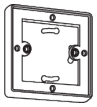
Control module motor type R

SG 20913

Wall switch single channel

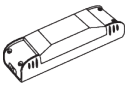
SG 20914

Wall switch 8 channel



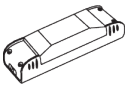
SG 20917

Pattress box



SG 20918

Control module motor type A,AA



SG 20919

Control module motor type R