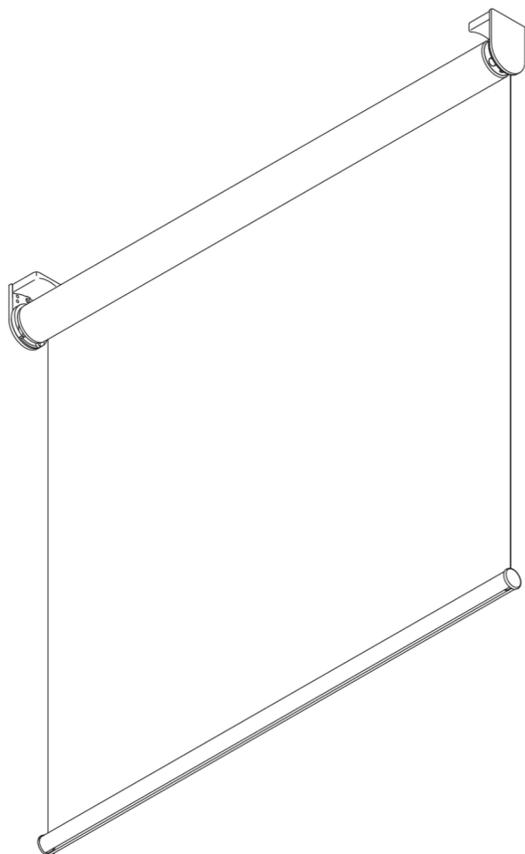
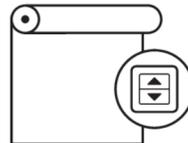


# SG 4960

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## PRODUCT INFORMATION

- **Operation:** motorised
- **Range:** S - M
- **Fitting:** ceiling, wall, recess
- **Colours:** white RAL 9016 or anodised aluminum, special colours possible
- **Fabrics:** refer to Silent Gliss fabric collection

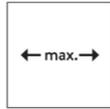
### **Features:**

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

10/2021/V1

# SYSTEM SPECIFICATIONS

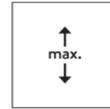
## A. SYSTEM DIMENSIONS



Single system: 2.4 m  
Double system: 4.8 m



61 cm\*  
\*see motor specification table



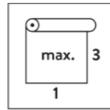
4 m



Single system: 9.6 m<sup>2</sup>  
Double system: 19.2 m<sup>2</sup>



5.5 kg



Recommended width /  
height ratio  
max. 1:3

## Maximum system drop

Wall fitting (system drop on window side)

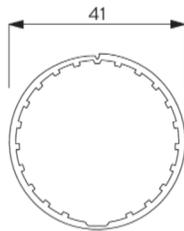
Fabric thickness	mm	0.15	0.20	0.25	0.30	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.80
Max. system drop	cm	400	400	400	400	400	400	390	350	320	290	270	250	230	220

Ceiling fitting / wall fitting (system drop on room side)

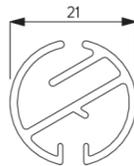
Fabric thickness	mm	0.15	0.20	0.25	0.30	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.80
Max. system drop	cm	400	400	400	400	400	400	400	400	400	380	350	330	300	280

## B. PROFILE

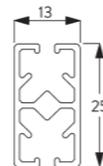
### Profile information



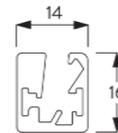
SG 10532  
Tube ø 41 mm



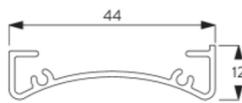
SG 4221  
Bottom bar



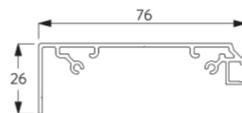
SG 10633  
Bottom bar



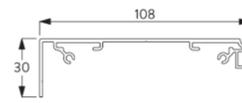
SG 11442  
Bottom bar



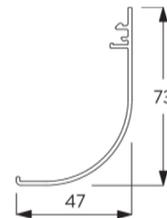
SG 10534  
Installation profile



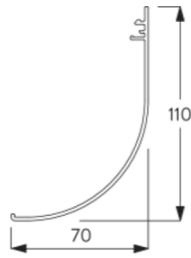
SG 11430  
Installation profile fascia 73 mm



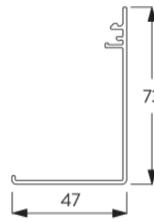
SG 11530  
Installation profile fascia 110 mm



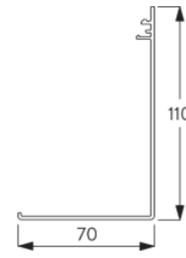
SG 11431  
Fascia round 73 mm



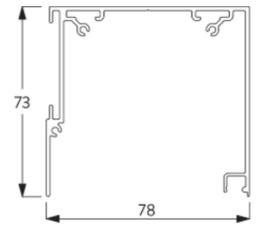
**SG 11531**  
Fascia round 110 mm



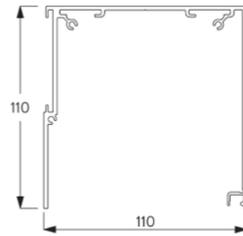
**SG 11432**  
Fascia square 73 mm



**SG 11532**  
Fascia square 110 mm



**SG 11433**  
Box case 73 mm



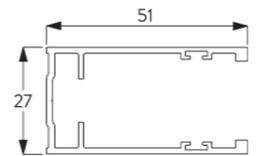
**SG 11533**  
Box case 110 mm



**SG 11434**  
Box cover 73 mm



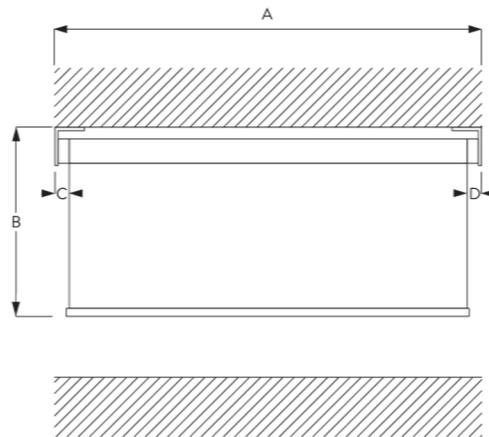
**SG 11534**  
Box cover 110 mm



**SG 11542**  
Side guide channel

### **C. HOW TO MEASURE**

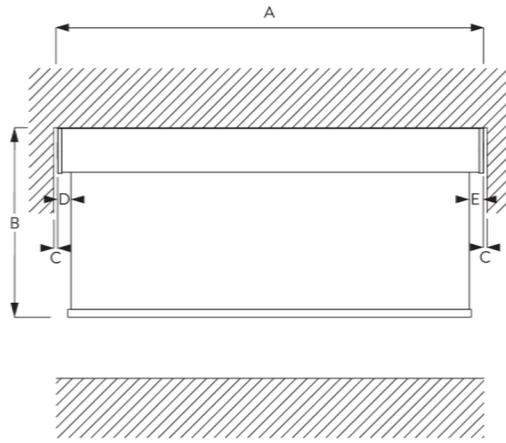
*incl. bracket covers*



A: System width  
B: System height  
C: Light gap: 13 mm  
D: Light gap operation side: 19 mm

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

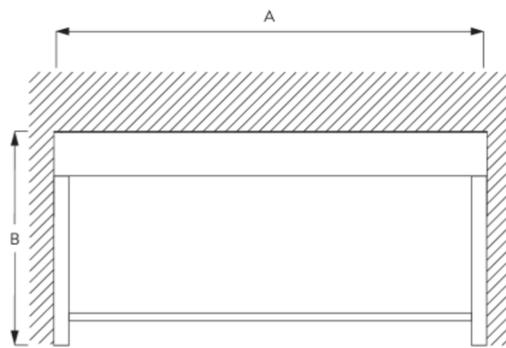
## Fascia / Box



- A: System width
- B: System height
- C: Gap: min. 10 mm (when cover is used)\*
- D: Light gap: 15 mm
- E: Light gap operation side: 21 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

# FITTING

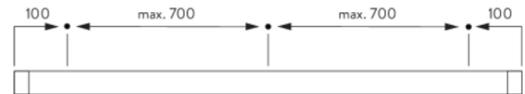
## A. FITTING INFORMATION

For detailed fitting information, visit the [Silent Gliss website](http://www.SilentGliss.com).

### Fixing points

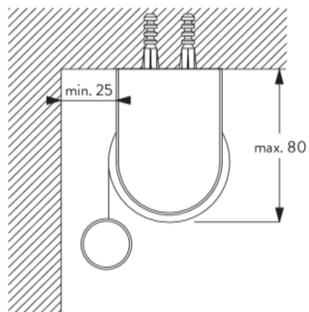


Brackets (wall / ceiling)

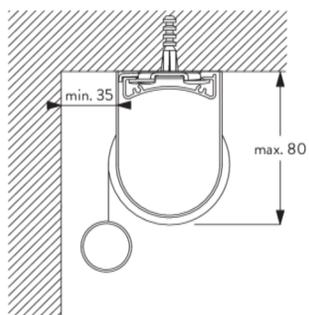


Installation profile SG 10534 (wall / ceiling)

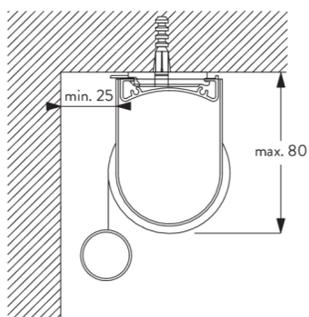
## **B. CEILING FITTING**



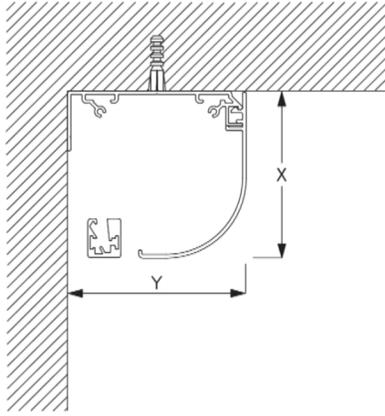
**Brackets**



**Installation profile SG 10534 and clamps SG 3033 or SG 3044**



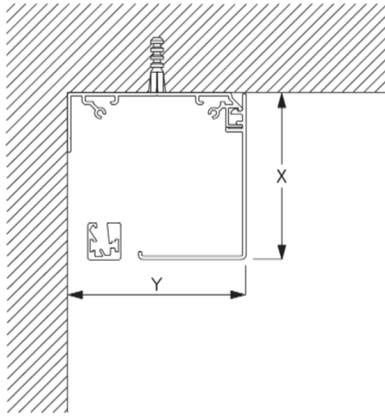
**Installation profile SG 10534 and click bracket SG 10539**  
*Not possible with two connected systems!*



**Fascia round**

X = Fascia S 73 mm / Fascia L 110 mm

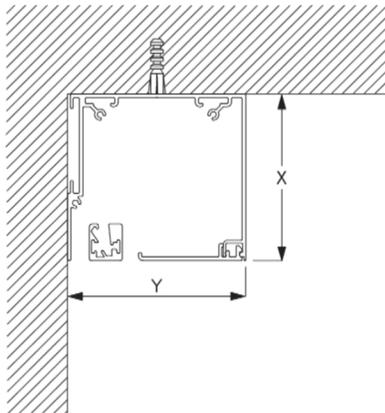
Y = Fascia S 78 mm / Fascia L 110 mm



**Fascia square**

X = Fascia S 73 mm / Fascia L 110 mm

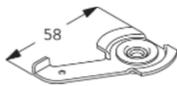
Y = Fascia S 78 mm / Fascia L 110 mm



**Box**

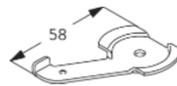
X = Box S 73 mm / Box L 110 mm

Y = Box S 78 mm / Box L 110 mm



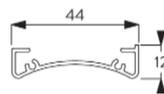
**SG 3033**

Clamp



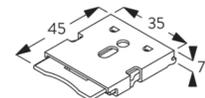
**SG 3044**

Clamp



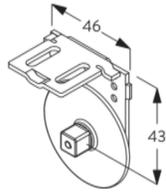
**SG 10534**

Installation profile

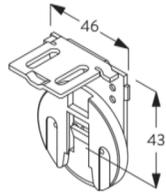


**SG 10539**

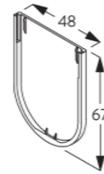
Bracket



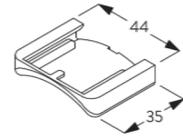
**SG 10542**  
Bracket



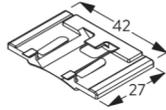
**SG 10543**  
Bracket



**SG 10574**  
Bracket cover

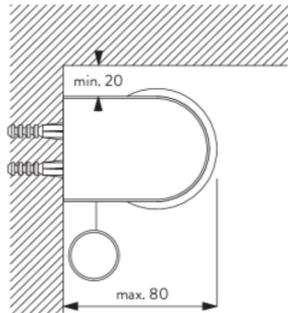


**SG 10575**  
Bracket cover

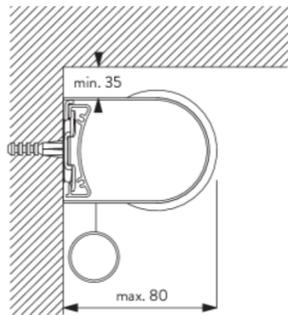


**SG 10690**  
Spacer

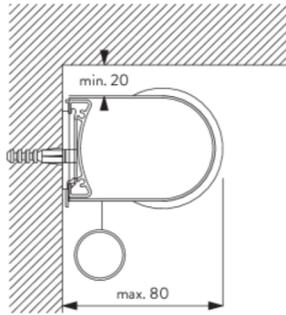
### **C. WALL FITTING**



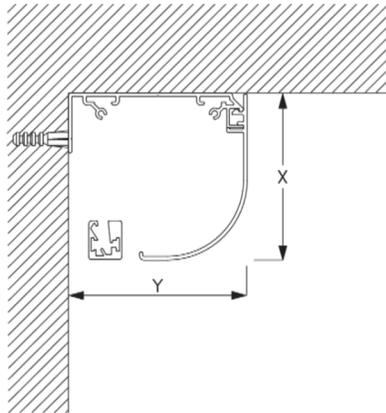
**Brackets**



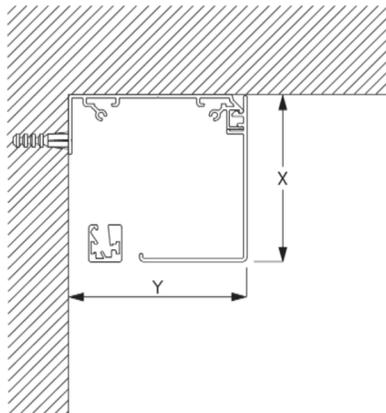
**Installation profile SG 10534 and clamps SG 3033 or SG 3044**



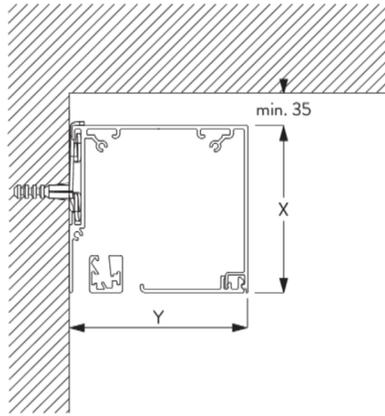
**Installation profile SG 10534 and click bracket SG 10539**  
 Not possible with two connected systems!



**Fascia round**  
 X = Fascia S 73 mm / Fascia L 110 mm  
 Y = Fascia S 78 mm / Fascia L 110 mm



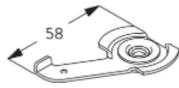
**Fascia square**  
 X = Fascia S 73 mm / Fascia L 110 mm  
 Y = Fascia S 78 mm / Fascia L 110 mm



**Box S and clamp SG 3044 / Box L and clamp SG 11180**

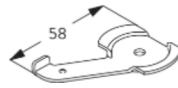
X = Box S 73 mm / Box L 110 mm

Y = Box S 78 mm / Box L 110 mm



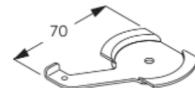
**SG 3033**

Clamp



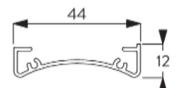
**SG 3044**

Clamp



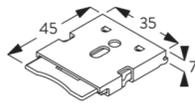
**SG 11180**

Clamp



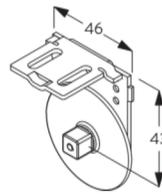
**SG 10534**

Installation profile



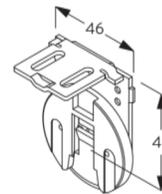
**SG 10539**

Bracket



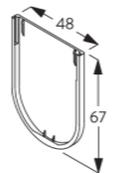
**SG 10542**

Bracket



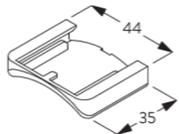
**SG 10543**

Bracket



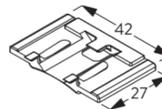
**SG 10574**

Bracket cover



**SG 10575**

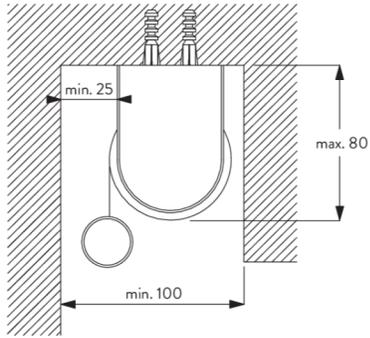
Bracket cover



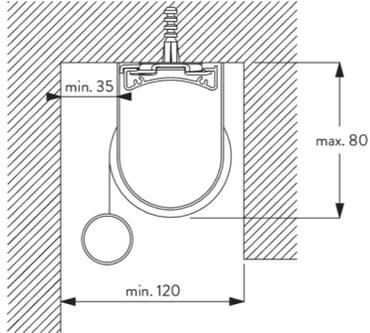
**SG 10690**

Spacer

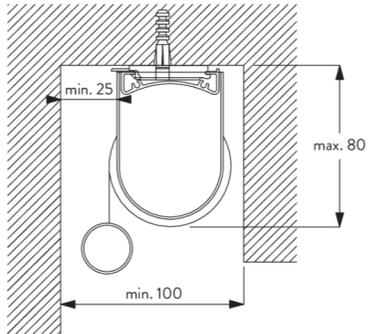
**D. RECESS FITTING**



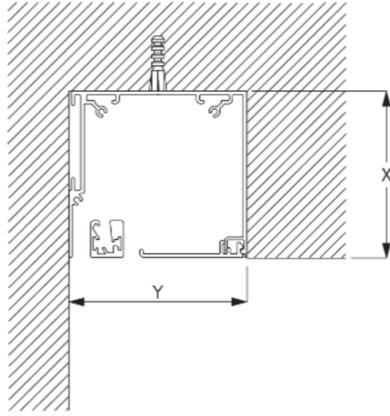
**Brackets**



*Installation profile SG 10534 and clamps SG 3033 or SG 3044*



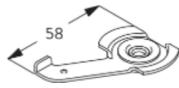
*Installation profile SG 10534 and click bracket SG 10539  
Not possible with two connected systems!*



**Box**

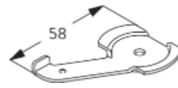
X = Box S 73 mm / Box L 110 mm

Y = Box S min. 79 mm / Box L min. 111 mm



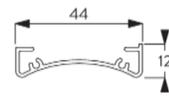
**SG 3033**

Clamp



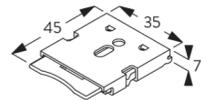
**SG 3044**

Clamp



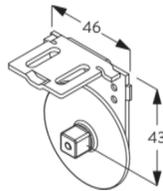
**SG 10534**

Installation profile



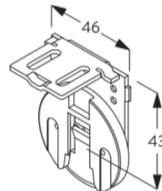
**SG 10539**

Bracket



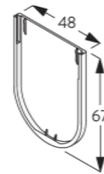
**SG 10542**

Bracket



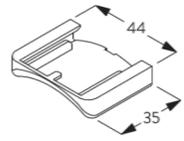
**SG 10543**

Bracket



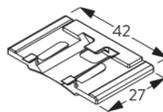
**SG 10574**

Bracket cover



**SG 10575**

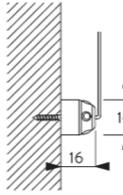
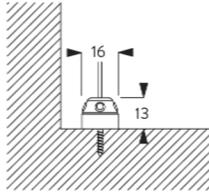
Bracket cover



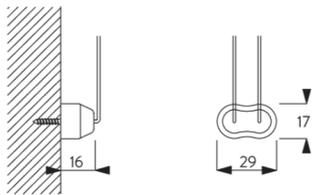
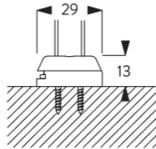
**SG 10690**

Spacer

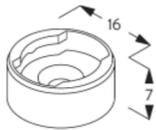
**E. FITTING WITH  
SIDE GUIDE  
OPTION**



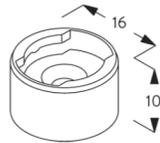
*Single system*



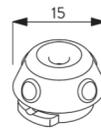
*Double system (side-by-side installation)*



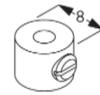
**SG 8235**  
*Side guide wire base short*



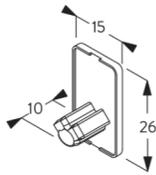
**SG 8236**  
*Side guide wire base long*



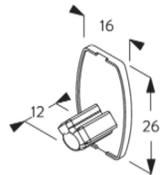
**SG 8237**  
*Side guide wire holder*



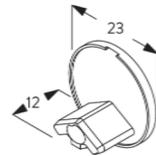
**SG 8249**  
*Side guide device*



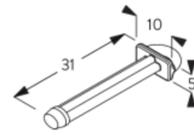
**SG 10636**  
*Side guide end cover square*



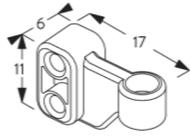
**SG 10638**  
*Side guide end cover oval*



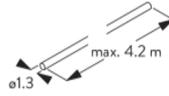
**SG 10640**  
*Side guide end cover round*



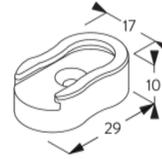
**SG 10641**  
*Side guide eyelet*



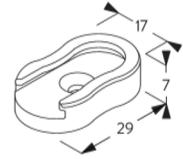
**SG 10642**  
Side guide wire holder



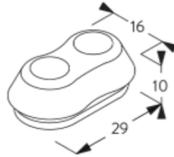
**SG 10643**  
Side guide wire  $\varnothing$  1.2 mm x 4.2 m



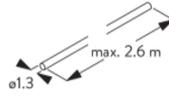
**SG 10669**  
Side guide double base long



**SG 10673**  
Side guide double base short



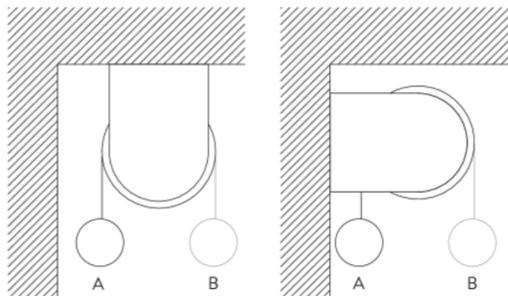
**SG 10701**  
Side guide double wire holder



**SG 10706**  
Side guide wire  $\varnothing$  1.3 mm x 2.6 m

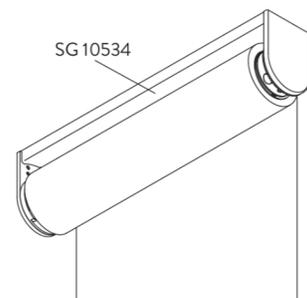
## SYSTEM OPTIONS

### A. FABRIC ROLL-OFF

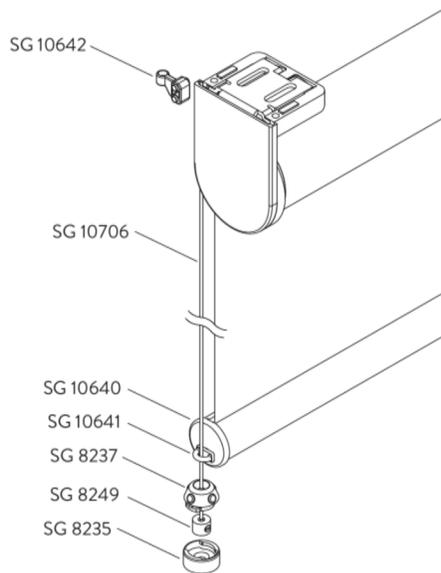


A: Fabric roll-off window side (standard)  
B: Fabric roll-off room side (option)

### B. INSTALLATION PROFILE



### C. SIDE GUIDES



#### Additional parts:

- 2x SG 8235 Side guide wire base short
- 2x SG 8237 Side guide wire holder
- 2x SG 8249 Side guide device
- 2x SG 10640 Side guide end cover round
- 2x SG 10641 Side guide eyelet
- 2x SG 10642 Side guide wire holder
- 2x SG 10706 Side guide wire  $\varnothing$  1.3 mm x 2.6 m

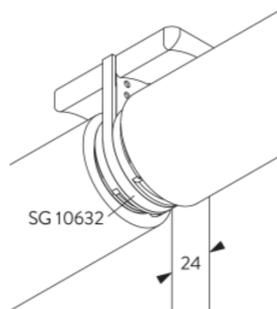
#### Optional parts:

- 2x SG 8236 Side guide wire base long
- 2x SG 10636 Side guide end cover square
- 2x SG 10638 Side guide end cover oval
- 2x SG 10643 Side guide wire  $\varnothing$  1.2 mm x 4.2 m
- 1x SG 10669 Side guide double base long
- 1x SG 10673 Side guide double base short
- 1x SG 10701 Side guide double wire holder

#### Note:

- Light gaps increase when side-guide option is used
- Up to 15° from vertical

### D. TWO CONNECTED SYSTEMS



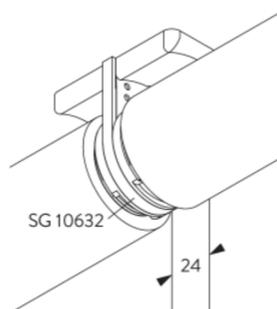
#### Additional parts:

- 1x SG 10558 Connection tube adapter
- 2x SG 10626 Connection bracket
- 2x SG 10627 Connection flange
- 1x SG 10628 Connection tube adapter
- 1x SG 10632 Connection bracket cover

#### Note:

- Not possible with 24 V motor SG 10692!

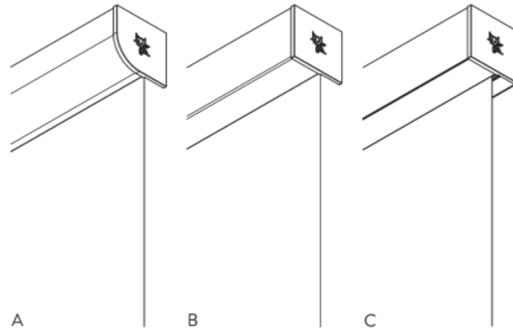
### E. TWO SINGLE SYSTEMS SIDE-BY-SIDE



#### Additional parts:

- 1x SG 10632 Connection bracket cover

## F. FASCIA / BOX



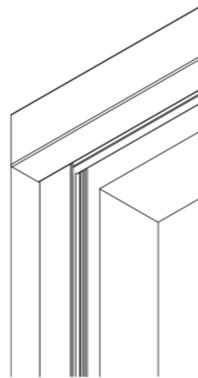
A: Fascia round  
 B: Fascia square  
 C: Box

Size:

- S: 78 x 73 mm
- L: 110 x 110 mm

Note:

- Only applicable with bottom bar SG 11442
- 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

	20-Series	20-Series	10-Series K	5-Series	24 V DC
Motors	SG 10321	SG 10320	SG 10514	SG 10715	SG 10692

### Motor Features

Soft stop	●	●			
Electronic end-stop	●	●			●
Electronic revolution counter (unlimited revolution)	●	●			●
Mechanical end-stop			●	●	
Mechanical revolution counter (limited revolution)			●	●	
Two intermediate positions possible	●				
Noiseless stop	●	●	●		●
Parallel wiring possible without additional relays	●	●			
Disconnectable motor cable	●	●			
IP class	IP 44	IP 44	IP 44	IP 44	IP 30

### Control Features

Mains power control	●	●	●	●	
Dry contact control					●
SG Control L (built-in receiver)	●				
Suitable for most major home automation systems (with suitable interface)	●	●	●	●	●

**B. MOTOR SPECIFICATIONS**

See website for wiring diagram.

Motors	Light gaps* C / D = driving side	Min. system width	Voltage	Current	Frequency	Speed	Frequency receiver
<b>20-Series</b>							
SG10320 (standard)	C: 13 mm / D: 19 mm	61 cm	230 V AC	0.55 A	50 Hz	70 rpm	-
SG10321	C: 13 mm / D: 19 mm	61 cm	230 V AC	0.55 A	50 Hz	70 rpm	868/915 MHz
<b>10-Series K</b>							
SG10514	C: 9 mm / D: 25 mm	50 cm	230 V AC	0.52 A	50 Hz	30 rpm	-
<b>5-Series</b>							
SG10715	C: 9 mm / D: 25 mm	61 cm	230 V AC	0.485 A	50-60 Hz	28 rpm	-
<b>24 V DC</b>							
SG10692	C: 13 mm / D: 19 mm	50 cm	24 V DC	0.75 A	-	28 rpm	-

\*Light gaps Fascia or Box: 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 L



Various radio hand-held and wall transmitters available.



Silent Gliss Move App.

**D. WIRING DIAGRAMS**



Refer to Silent Gliss website.

# GENERAL NOTES

## **Dimensions**

- Measurements are in mm except where indicated.
- Max. kg relates to fabric incl. accessories (bottom bars, etc.).

## **Fitting**

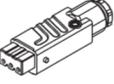
- Installation by qualified fitter only.
- Number of brackets and fitting positions / fixing points vary depending on fitting surface, system weight, fabric make-up, screw / fixing type and obstacles.
- Qualified fitter must use appropriate screws / fixings for each situation.
- Profile lip if applicable to be installed to room side.
- Electrical installations must be carried out according to Silent Gliss wiring diagrams and conform to local regulations.
- Check space for cables and plugs!

## **Child Safety**

- All relevant Silent Gliss systems correspond to child safety EN 13120.
- All parties involved must comply with EN 13120.

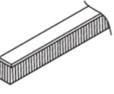
# PARTS

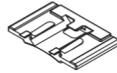
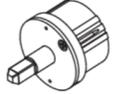
## A. STANDARD PARTS

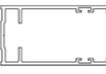
	<b>SG 4221</b> Bottom bar
	<b>SG 4226</b> Double tape 30 mm
	<b>SG 9917</b> Hirschmann portable socket-outlet STAK 3 N
	<b>SG 10284</b> O-Ring
	<b>SG 10320</b> Tubular motor 230V AC, 20 Series S 1.5/70
	<b>SG 10532</b> Tube ø 41 mm
	<b>SG 10542</b> Bracket
	<b>SG 10543</b> Bracket
	<b>SG 10557</b> Tube adapter
	<b>SG 10574</b> Bracket cover
	<b>SG 10575</b> Bracket cover
	<b>SG 10620</b> Motor flange 10/20-Series
	<b>SG 10621</b> Tube adapter
	<b>SG 10623</b> Motor drive

	<b>SG 10639</b> End cover round
	<b>SG 10668</b> PVC strip 10 mm

## B. OPTIONAL PARTS

	<b>SG 3033</b> Clamp
	<b>SG 3044</b> Clamp
	<b>SG 4508</b> Brush 5x7 mm
	<b>SG 8235</b> Side guide wire base short
	<b>SG 8236</b> Side guide wire base long
	<b>SG 8237</b> Side guide wire holder
	<b>SG 8249</b> Side guide device
	<b>SG 9916</b> Hirschmann plug set
	<b>SG 9959</b> Central control unit relay
	<b>SG 9960</b> Move server set
	<b>SG 9961</b> Move transmitter
	<b>SG 10139</b> Countersunk screw 2.9x6.5
	<b>SG 10293</b> Cable 230V AC, 2/3/5/10 m
	<b>SG 10300</b> Radio hand held 1 channel

	<b>SG 10302</b> Radio hand held 5+1 channel		<b>SG 10626</b> Connection bracket		<b>SG 10651</b> Connection flange
	<b>SG 10303</b> Radio hand held 10+2+1 channel		<b>SG 10627</b> Connection flange		<b>SG 10669</b> Side guide double base long
	<b>SG 10321</b> Tubular motor 230V AC, 20 Series S 1.5/70, radio receiver		<b>SG 10628</b> Connection tube adapter		<b>SG 10673</b> Side guide double base short
	<b>SG 10387</b> Design bracket cover		<b>SG 10632</b> Connection bracket cover		<b>SG 10690</b> Spacer
	<b>SG 10498</b> Countersunk screw 2.9x9.5		<b>SG 10633</b> Bottom bar		<b>SG 10692</b> Motor 24 V DC, 2/38
	<b>SG 10514</b> Tubular motor 230V AC, 10 Series S 3/30 K		<b>SG 10634</b> Bottom bar		<b>SG 10701</b> Side guide double wire holder
	<b>SG 10534</b> Installation profile		<b>SG 10635</b> End cover square		<b>SG 10703</b> Design bracket
	<b>SG 10535</b> Design end cover		<b>SG 10636</b> Side guide end cover square		<b>SG 10704</b> Design bracket
	<b>SG 10539</b> Bracket		<b>SG 10637</b> End cover oval		<b>SG 10706</b> Side guide wire ø 1.3 mm x 2.6 m
	<b>SG 10544</b> Bracket		<b>SG 10638</b> Side guide end cover oval		<b>SG 10708</b> Adapter set, 24 V DC
	<b>SG 10558</b> Connection tube adapter		<b>SG 10640</b> Side guide end cover round		<b>SG 10715</b> Tubular motor 230V AC, 5 Series S 6/28
	<b>SG 10622</b> Tube adapter, 24V DC motor		<b>SG 10641</b> Side guide eyelet		<b>SG 10747</b> Motor plate S
	<b>SG 10624</b> Motor drive, 24V DC motor		<b>SG 10642</b> Side guide wire holder		<b>SG 10804</b> Radio hand held 15+5+1 channel
	<b>SG 10625</b> Motor flange, 10/20-Series		<b>SG 10643</b> Side guide wire ø 1.2 mm x 4.2 m		<b>SG 11180</b> Clamp

	<b>SG 11258</b> Tube adapter		<b>SG 11439</b> Bracket cover square left 73 mm		<b>SG 11531</b> Fascia round 110 mm
	<b>SG 11322</b> PT Screw Countersunk KA35x10 WN 1413		<b>SG 11440</b> Bracket cover square right 73 mm		<b>SG 11532</b> Fascia square 110 mm
	<b>SG 11323</b> PT Screw Countersunk KA35x12		<b>SG 11442</b> Bottom bar		<b>SG 11533</b> Box case 110 mm
	<b>SG 11354</b> Motor drive 10/20-Series		<b>SG 11443</b> End cover		<b>SG 11534</b> Box cover 110 mm
	<b>SG 11355</b> Motor drive 5-Series		<b>SG 11446</b> Bracket left 73 mm		<b>SG 11537</b> Bracket cover round left 110 mm
	<b>SG 11357</b> Motor drive 24 V DC		<b>SG 11447</b> Bracket right 73 mm		<b>SG 11538</b> Bracket cover round right 110 mm
	<b>SG 11426</b> Power supply 24V / 2A including cable with EU/CH plug		<b>SG 11448</b> Bracket left 73 mm		<b>SG 11539</b> Bracket cover square left 110 mm
	<b>SG 11430</b> Installation profile fascia 73 mm		<b>SG 11449</b> Bracket right 73 mm		<b>SG 11540</b> Bracket cover square right 110 mm
	<b>SG 11431</b> Fascia round 73 mm		<b>SG 11450</b> Bracket left 73 mm		<b>SG 11542</b> Side guide channel
	<b>SG 11432</b> Fascia square 73 mm		<b>SG 11451</b> Bracket right 73 mm		<b>SG 11546</b> Bracket left 110 mm
	<b>SG 11433</b> Box case 73 mm		<b>SG 11460</b> Cover for Hirschmann plug		<b>SG 11547</b> Bracket right 110 mm
	<b>SG 11434</b> Box cover 73 mm		<b>SG 11480</b> Radio wall transmitter 1 channel		<b>SG 11548</b> Bracket left 110 mm
	<b>SG 11437</b> Bracket cover round left 73 mm		<b>SG 11490</b> Radio wall transmitter 5+1 channel		<b>SG 11549</b> Bracket right 110 mm
	<b>SG 11438</b> Bracket cover round right 73 mm		<b>SG 11530</b> Installation profile fascia 110 mm		<b>SG 11550</b> Bracket left 110 mm



**SG 11551**

*Bracket right 110 mm*

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