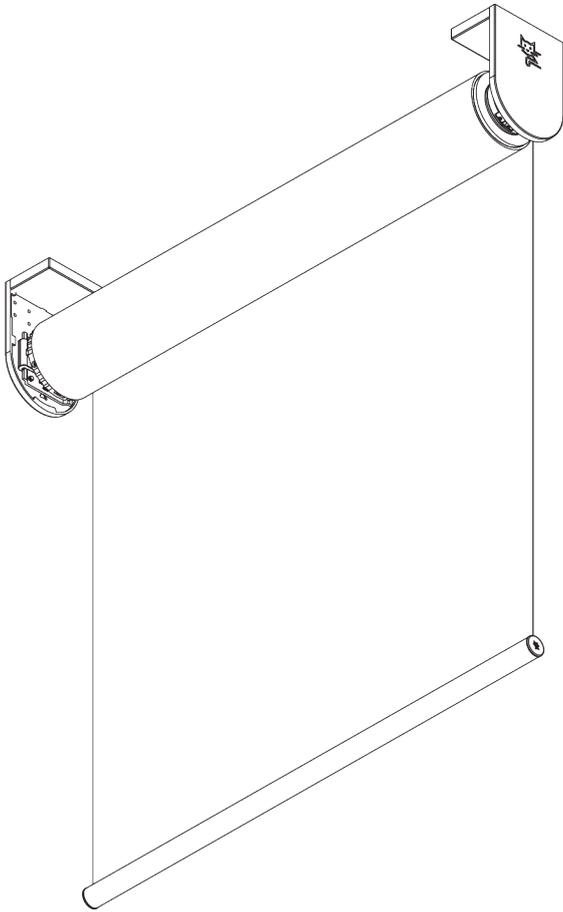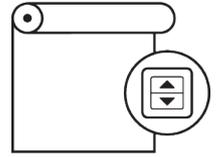# SG 4980

PRODUCT INFORMATION

- **Operation:** *motorised*
- **Range:** *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*
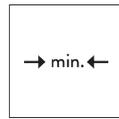
Features:

- *Quiet and fast motors*
- *Soft stop*
- *Various control options*
- *Stainless steel brackets, adjustable for vertical alignment of fabric*

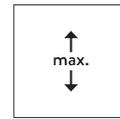SilentGliss

SYSTEM SPECIFICATIONS

A. SYSTEM DIMENSIONS
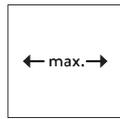
← max. →	→ min. ←	↕ max.	m² max.
4 m	95 cm* *see motor specification table	12 m	36 m²
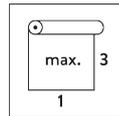
kg max.	max. 3 / 1
23 kg	Recommended width / height ratio max. 1:3

Maximum surface area

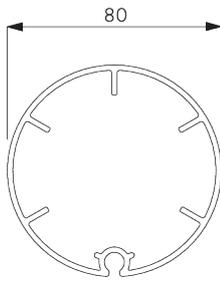| B \ A	2 m	2.5 m	3 m	3.5 m	4 m
2 m	●	●	●	●	●
2.5 m	●	●	●	●	●
3 m	●	●	●	●	●
3.5 m	●	●	●	●	●
4 m	●	●	●	●	●
4.5 m	●	●	●	●	●
5 m	●	●	●	●	●
5.5 m	●	●	●	●	●
6 m	●	●	●	●	●
6.5 m	●	●	●	●	●
7 m	●	●	●	●	●
7.5 m	●	●	●	●	●
8 m	●	●	●	●	●
8.5 m	●	●	●	●	●
9 m	●	●	●	●	●
9.5 m	●	●	●	●	
10 m	●	●	●	●	
10.5 m	●	●	●		
11 m	●	●	●		
11.5 m	●	●	●		
12 m	●	●	●		

● SG 4929 (ø 80 mm)

max. 36 m²

B. PROFILE

Profile information
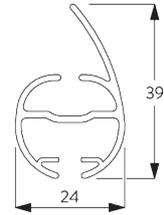
SG 4929
Tube ø 80 mm
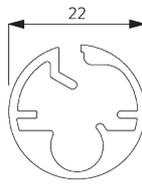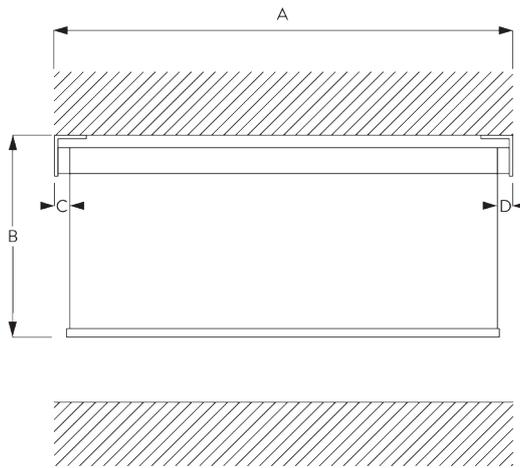
SG 10760
Bottom bar
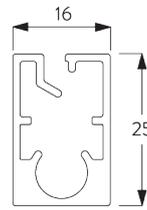
SG 10770
Bottom bar

SG 4903
Bottom bar

C. HOW TO MEASURE

incl. bracket covers

A: System width
B: System height
C: Light gap: 32 mm
D: Light gap operation side: 39 mm

Note:
All measurements include 3 mm for bracket cover per side!
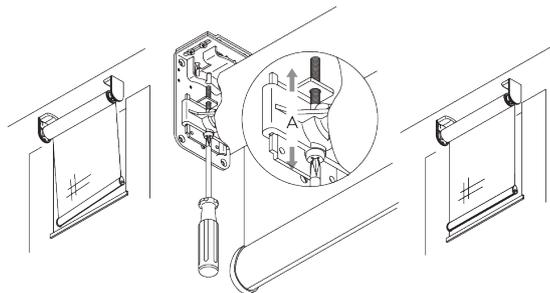
FITTING

A. FITTING INFORMATION

For detailed fitting information, visit the Silent Gliss website.
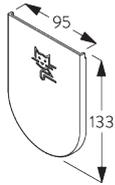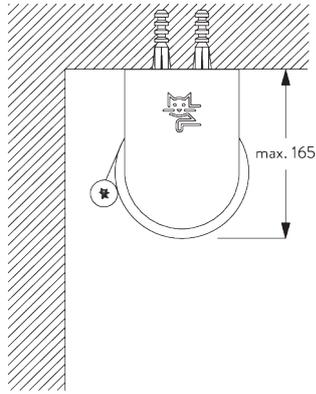
Fixing points

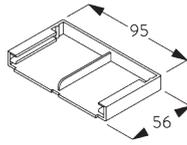~35   ~35

Adjustable brackets (for vertical adjustments)

Vertical adjustment of fabric to the window frame.

SilentGliss

B. CEILING FITTING

max. 165

95

133

SG 4984
End cover

95

56

SG 4986
End cover

90

86
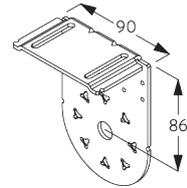
SG 4988
Bracket

C. WALL FITTING

max. 135

95

133

SG 4984
End cover

95

56

SG 4986
End cover

90

86
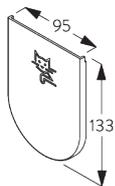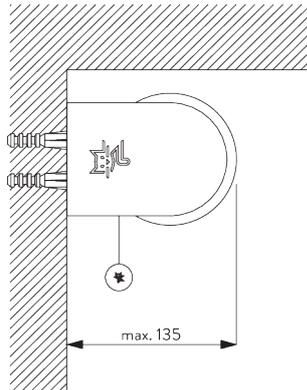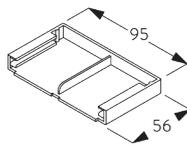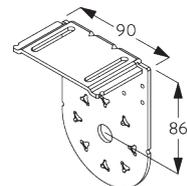
SG 4988
Bracket

D. RECESS FITTING

max. 165

min. 170

SG 4984
End cover

95

133

SG 4986
End cover

95

56

SG 4988
Bracket

90

86
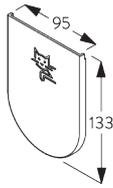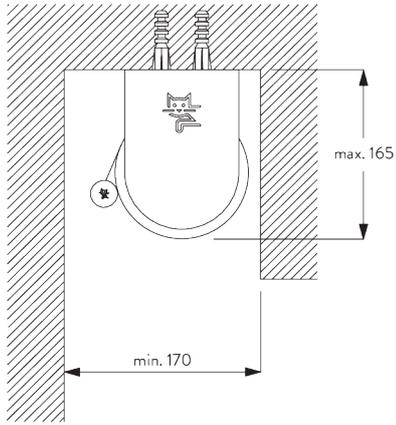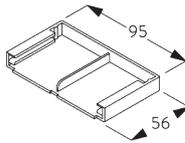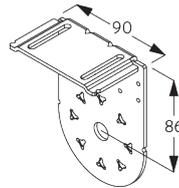
E. FITTING WITH SIDE GUIDE OPTION
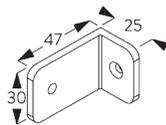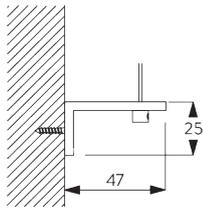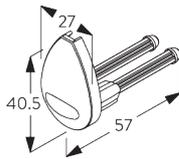
25

47

SG 3036
Bracket 47 mm

47

25

30

SG 4944
Side guide end cover

27

40.5

57

SG 4946
Side guide wire rope fastener

10

32

SG 4947
Side guide wire rope fastener

M6

22

SG 4948
Side guide wire ø 1.5 mm

ø1.5

SilentGliss
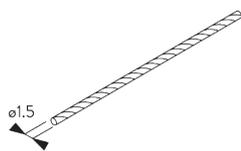
SYSTEM OPTIONS

A. FABRIC ROLL-OFF

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

B. SIDE GUIDES

SG 4946

SG 4948

SG 4944

SG 3036

SG 4947

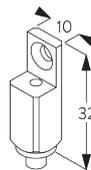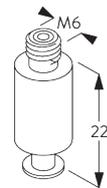*Additional parts:*

– *2x SG 3036 Bracket 47 mm*
– *2x SG 4944 Side guide end cover*
– *2x SG 4946 Side guide wire rope fastener*
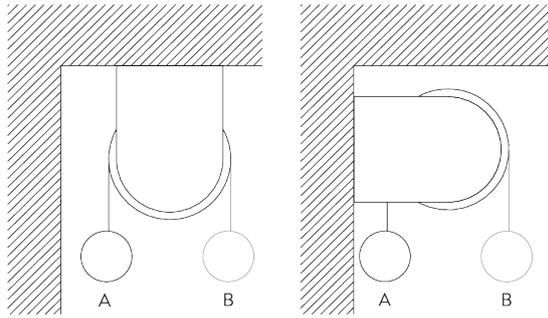– *2x SG 4947 Side guide wire rope fastener*
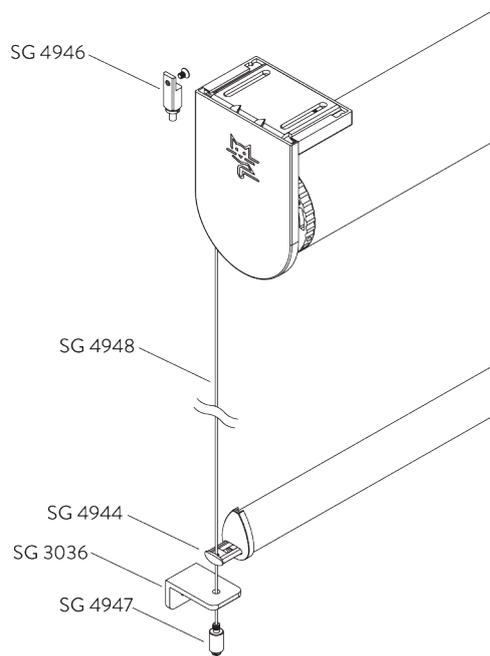– *2x SG 4948 Side guide wire ø 1.5 mm*

Note:

– *Up to 15° from vertical*

MOTORS & CONTROLS

A. MOTOR FEATURES

Motors	SilentGliss	50-Series	40-Series	25-Series
		SG 11255	SG 11947 SG 11948	SG 11725

Motor Features	50-Series	40-Series	25-Series
Soft stop	●	●	●
Electronic end-stop	●	●	●
Electronic revolution counter (unlimited revolution)	●	●	●
One intermediate position possible		●	
Bottom bar allignment	●	●	
Noiseless stop			●
Parallel wiring possible without additional relays		●	●
Disconnectable motor cable	●	●	●
IP class	IP 30	IP 30	IP 30

Control Features	50-Series	40-Series	25-Series
Mains power control			●
Dry contact control	●	●	
Dry contact and / or SG Control N control		●	
SG Control N (built-in receiver)		●	
Smart by Silent Gliss	●		
Suitable for most major home automation systems (with suitable interface)		●	●

B. MOTOR SPECIFICATIONS

Motors	Light gaps C / D = driving side	Min. system width	Voltage	Current	Frequency	Speed	Frequency receiver
50-Series (Smart by Silent Gliss)							
SG 11255	C: 32 mm / D: 39 mm	70 cm	24 V DC	3 A	n/a	20 rpm	n/a
40-Series							
SG 11947	C: 32 mm / D: 39 mm	95 cm	100-240 V AC	1.1 A	50-60 Hz	20 rpm	433 MHz
SG 11948	C: 32 mm / D: 39 mm	70 cm	24 V DC	3 A	n/a	20 rpm	433 MHz
25-Series							
SG 11725 (standard)	C: 32 mm / D: 39 mm	95 cm	100-240 V AC	1.1 A	50-60 Hz	20 rpm	n/a

C. OPERATING METHODS

See catalogue "controls" for details.

Wall Switch

System can be operated by fixed wall switch.

SilentGliss

SG Control N

Various radio hand-held and wall transmitters available.

Silent Gliss Move App.

Smart by Silent Gliss

Open designed two-way communication system which allows to flawlessly integrate products with most major building management systems.
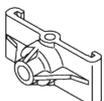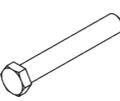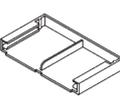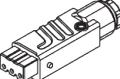
D. WIRING DIAGRAMS

Refer to Silent Gliss website.

PARTS
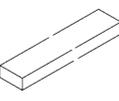
A. STANDARD PARTS

SG 4223	PVC strip 14 mm
SG 4226	Double tape 30 mm
SG 4906	Plate (set SG 4949)
SG 4914	Tube adapter
SG 4915	Support
SG 4926	Motor flange
SG 4927	Motor drive
SG 4928	Tube adapter
SG 4929	Tube ø 80 mm
SG 4939	Shaft
SG 4984	End cover
SG 4986	End cover
SG 4988	Bracket
SG 6951	Pan head screw coated M6x70

SG 9917	Hirschmann portable socket-outlet STAK 3 N
SG 10506	Pan head screw 3.9x16
SG 10509	Countersunk head screw M5x8
SG 10760	Bottom bar
SG 10761	End cover
SG 11259	Motor plate M
SG 11321	Motor drive
SG 11725	Motor 100-240V AC, 25-Series M10/20
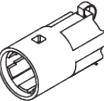
B. OPTIONAL PARTS

SG 2006	Bottom bar 28x3 mm
SG 3036	Bracket 47 mm
SG 4752	Bottom bar plastic
SG 4903	Bottom bar
SG 4943	Rod ø 4 mm
SG 4944	Side guide end cover
SG 4946	Side guide wire rope fastener
SG 4947	Side guide wire rope fastener
SG 4948	Side guide wire ø 1.5 mm
SG 4951	Bottom weight ø 8 mm
SG 4952	Bar weight
SG 4963	Rod ø 6 mm
SG 8249	Side guide device
SG 9916	Hirschmann plug set
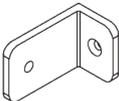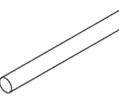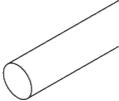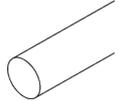
SilentGliss
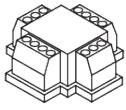
SG 9959

Central control unit relay

SG 11900

Move Server

SG 10293

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

SG 11931

Radio hand held 1 channel
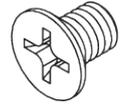
SG 10502

Countersunk head screw M4x6

SG 11932

Radio hand held 6 channel

SG 10770

Bottom bar

SG 11936

Radio wall transmitter 1 channel

SG 10771

End cover

SG 11937

Radio wall transmitter 6 channel

SG 11178

End cover

SG 11947
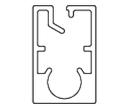
Motor 100-240V AC, 40-Series M10/20, radio receiver

SG 11255

Tubular motor 24V DC, 50-Series M 10/20

SG 11948

Motor 24V DC, 40-Series M10/20, radio receiver
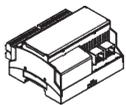
SG 11260

Gateway Cedia

SG 11961

Power supply set 24V/4A with EU plug
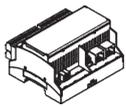
SG 11261

Gateway KNX

SG 11962

Power supply set 24V/4A with CH plug
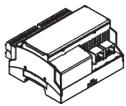
SG 11262

Expansion unit
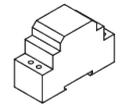
SG 11263

Power supply 24V DC, 2 Ampere DIN Rail
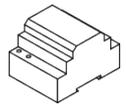
SG 11264

Power supply 24V DC, 3.8 Ampere DIN Rail
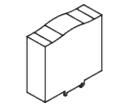
SG 11265

Power supply 24V DC, 5 Ampere DIN Rail
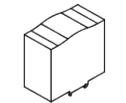
SG 11266

Power supply 24V DC, 10 Ampere DIN Rail

SilentGliss

SilentGliss