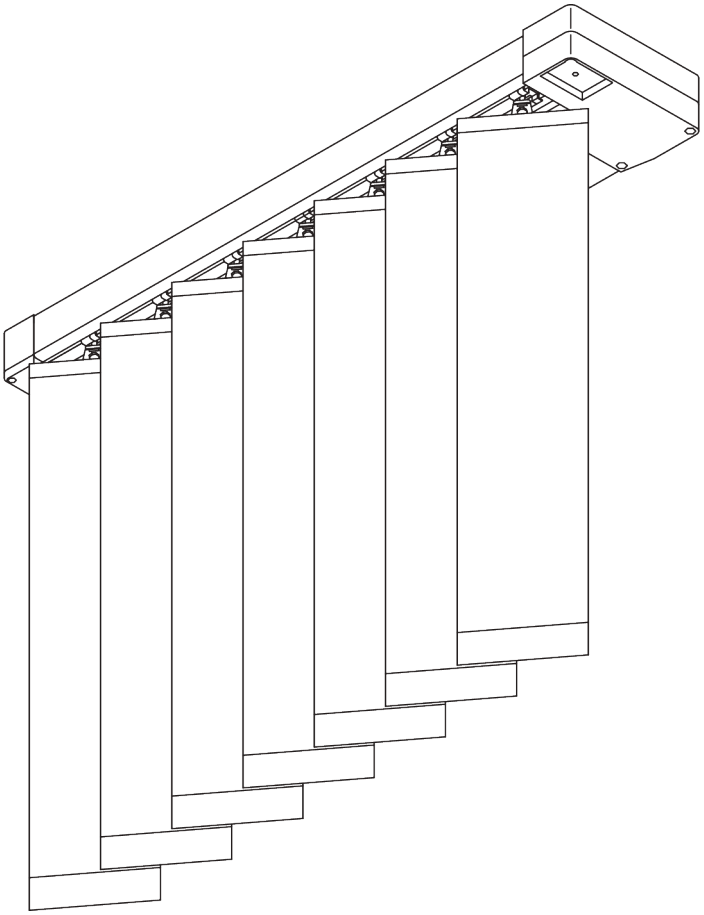
SG 2950



PRODUCT INFORMATION

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

Features:

- *Optimised light control*
- *Various control options*
- *Sloping applications*
- *Louvre width: 127 mm (standard), 89 mm*
- *Vertical Waves*
- *Bendable*

01/2024/V1

SilentGliss

SYSTEM SPECIFICATIONS

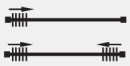
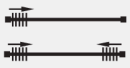
A. SYSTEM DIMENSIONS

← max. →	→ min. ←	max.	kg max.
6 m	*Single Stack: 50 cm* *Pair stack: 1.1 m*	*4 m*	*600 g per louvre*

Max. system widths

	mm	← max. →
	127 mm 89 mm	6 m 6 m
	127 mm 89 mm	6 m 6 m
	127 mm 89 mm	6 m 5 m
	127 mm 89 mm	5 m 5 m
	127 mm 89 mm	6 m 5 m
	127 mm 89 mm	5 m 4.5m

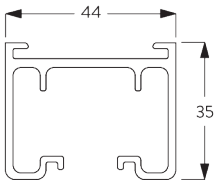
Stack sizes

mm		← max. →										
		100	150	200	250	300	350	400	450	500	550	600
127 mm		27 21	35 25	42 28	50 32	57 36	65 39	72 43	80 47	87 50	95 54	101 58
89 mm		29 20	40 25	50 30	60 35	69 39	80 45	89 50	100 56	110 60	120 65	129 69

(cm)

B. PROFILE

Profile and bending information

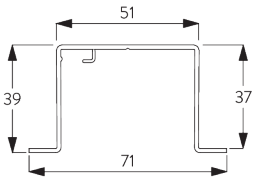


SG 2901

Profile

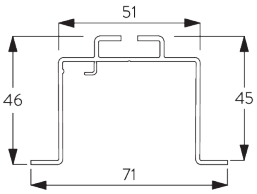


Radius:
>50 cm



SG 2932

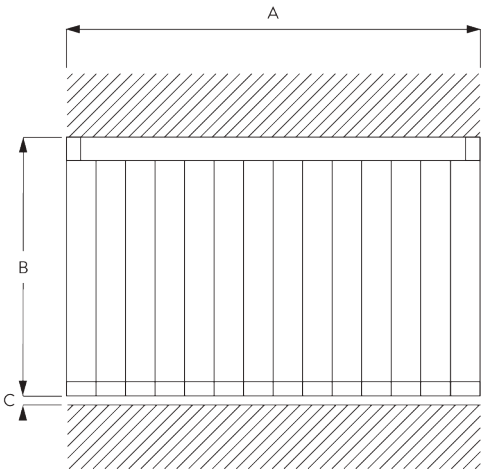
Recess profile



SG 2948

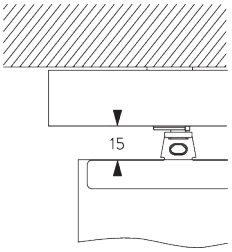
Recess profile

C. HOW TO MEASURE



A: System width
B: System height
C: Distance between floor and fabric

Light gap



D. SPECIFICATION TEXT

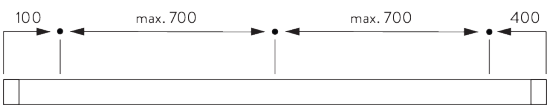
Silent Gliss SG 2950 Electrically Operated Vertical Blind System. *Comprises aluminium profile SG 2901 supplied made to measure powder coated white or silver anodised. Assembled with motor SG 9090 / SG 9091, internal drive belt SG 2912 complete with rotation elements to suit louvre width 127mm SG 2916 / 89mm SG 2918. Top fixed with clamp SG 3033 at max 300mm centres + 1. Wall fixed with clamp SG 3033 in conjunction with SG Universal Smart Fix brackets SG 11154-11156 at 300mm centres + 1. Recess fixed option with recess profile SG 2932 and wedge SG 2941. Operation by dry contact switching / Silent Gliss radio control systems SG Control L / SG Control R. Fabric supplied from Silent Gliss fabric range.*

FITTING

A. FITTING INFORMATION

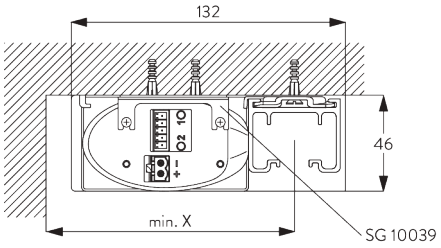
For detailed fitting information, visit the Silent Gliss website.

Fixing points

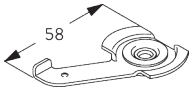


B. CEILING FITTING

Clamp SG 3033



Min. wall distance louvres	*X mm*
89 mm	*120*
127 mm	*120*
Vertical Waves 89 mm	*115*
Vertical Waves 125 mm	*140*

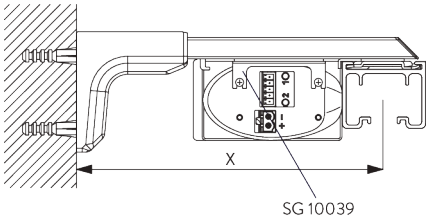


SG 3033

Clamp

C. WALL FITTING

Smart Fix

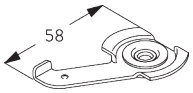


Universal Smart Fix SG 11156 and clamp SG 3033 / SG 3044

Screw SG 11158 (M4x12) needed.

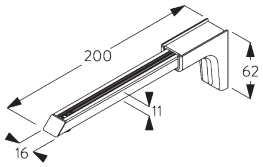
Smart Fix	*X mm*
SG 11156	*182-210*

Min. wall distance louvres	
89 mm	*150*
127 mm	*150*
Vertical Waves 89 mm	*115*
Vertical Waves 125 mm	*140*



SG 3033

Clamp



SG 11156

Universal Smart Fix 200 mm

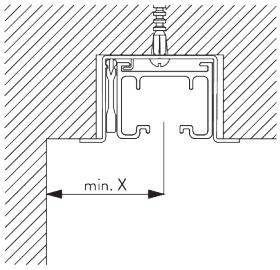


SG 11158

Countersunk head screw M4x12

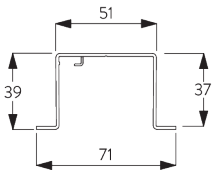
D. RECESS FITTING

Recess profile SG 2932

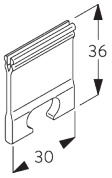


Min. wall distance louvres	*X mm*
89 mm	*65*
127 mm	*85*
Vertical Waves 89 mm	*115*
Vertical Waves 125 mm	*140*

Recess profile SG 2932 can not be bent!
Larger recess for motor is necessary!
One wedge SG 2941 per fixing point.
For detailed recess fitting, visit the Silent Gliss website.

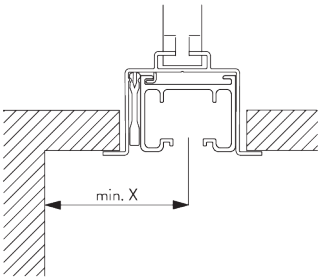


SG 2932
Recess profile



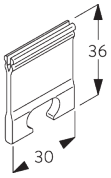
SG 2941
Wedge

Suspended ceiling with recess profile SG 2948 / hanger SG 6268

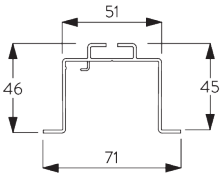


Min. wall distance louvres	*X mm*
89 mm	*65*
127 mm	*85*
Vertical Waves 89 mm	*115*
Vertical Waves 125 mm	*140*

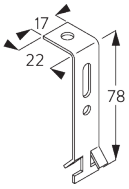
Recess profile SG 2948 can not be bent!
Larger recess for motor is necessary!
One wedge SG 2941 per fixing point.
For detailed recess fitting, visit the Silent Gliss website.



SG 2941
Wedge



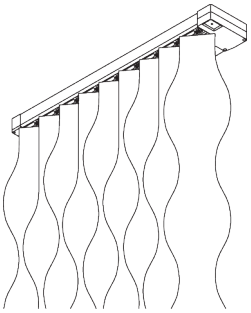
SG 2948
Recess profile

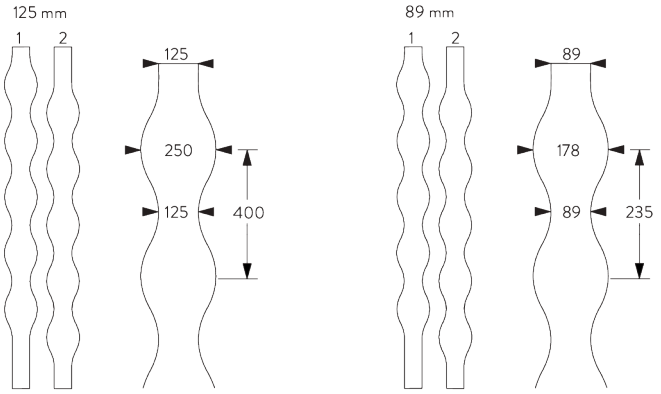


SG 6268
Hanger

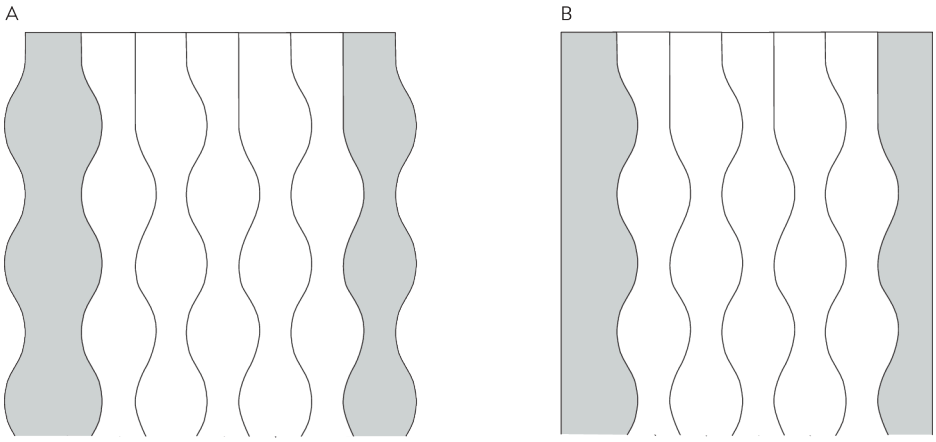
SYSTEM OPTIONS

A. VERTICAL WAVES





3D Vertical Waves only applicable with 125 mm louvres.

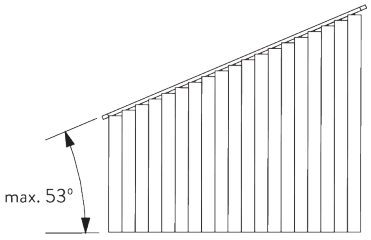


Wall ending

A: Wavy edge

B: Straight edge

B. SLOPING WINDOWS

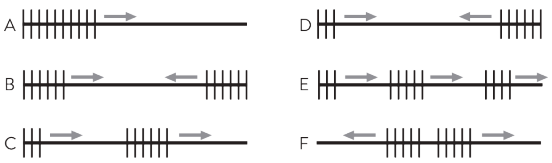


Maximum slope depends on louvre widths:

- *45° with 127 mm louvres*
- *53° with 89 mm louvres*

Not suitable with system option Vertical Waves.
Both the stack and the motor need to be at the top of the slope.

C. STACKING VARIATIONS



A: Single stack in one direction
B: Pair stack in two directions symmetrical
C: Pair stack in one direction asymmetrical
D: Pair stack in two directions asymmetrical
E: Multiple stacking in one direction symmetrical or assymmetrical
F: Centre stack

MOTORS & CONTROLS

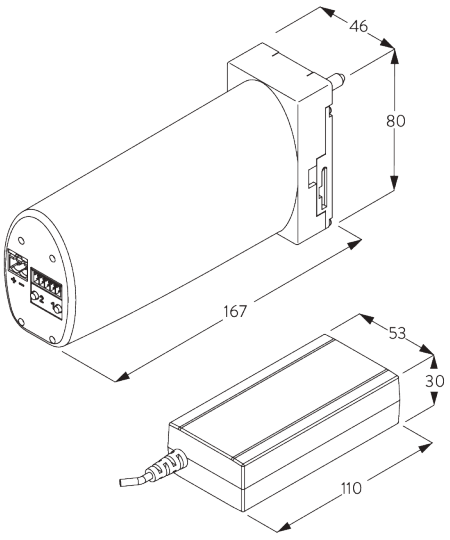
A. MOTOR FEATURES

Motors	SG 9090	SG 9091
Motor Features		
Soft start / stop	●	●
Built-in receiver		●
Electronic end-stop	●	●
Electronic revolution counter (unlimited revolution)	●	●
IP class	IP 40	IP 40
Control Features		
Dry contact control	●	●
Dry contact and / or SG Control L		●
Dry contact and / or SG Control R		●
SG Control L (built-in receiver)		●
SG Control R (built-in receiver)		●
Suitable for most major home automation systems (with suitable interface)	●	●

B. MOTOR SPECIFICATIONS

Motors	Voltage	Current	System speed / sec	Frequency receiver
SG 9090	24 V DC	1.8 A	10 cm / sec	n/a
SG 9091	24 V DC	1.8 A	10 cm / sec	433/868/915 MHz

C. MOTOR DIMENSIONS



Motors SG 9090 / SG 9091 DC (24 V)

Power supply SG 11425 needed to operate the motors.

D. 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.

SG Control R



Various radio hand-held and wall transmitters available.

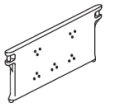
E. WIRING DIAGRAMS



Refer to Silent Gliss website.

PARTS

A. STANDARD PARTS



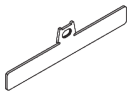
SG 2471

Bottom weight 127 mm



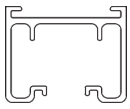
SG 2479

Bottom link 127 mm



SG 2605

Top clip 127 mm



SG 2901

Profile



SG 2912

Toothed chain



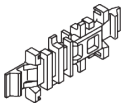
SG 2916

Rotation element set 127 mm / 5"



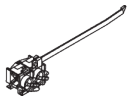
SG 2917

Rotation element set 100 mm / 4"



SG 2925

Chain connector



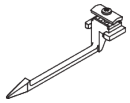
SG 2927

Pilot runner



SG 2949

End stop



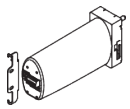
SG 2982

End stop



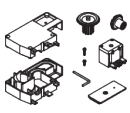
SG 3033

Clamp



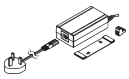
SG 9090

Motor 24V DC



SG 9119

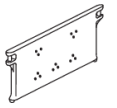
Gear drive set



SG 11425

Power supply 24V / 2A including cable with UK plug

B. OPTIONAL PARTS



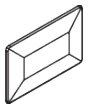
SG 2473

Bottom weight 89 mm



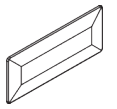
SG 2481

Bottom link 89 mm



SG 2671

Bottom weight 89 mm



SG 2672

Bottom weight 127 mm



SG 2735

Holder



SG 2775

Sloping window distance part



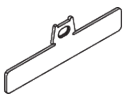
SG 2776

Sloping window distance part



SG 2793

Sloping window distance part



SG 2813

Top clip 89 mm



SG 2849

Louvre clip



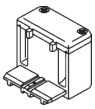
SG 2918

Rotation element set 89 mm / 3.5"



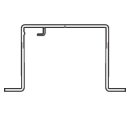
SG 2919

Rotation element set 80 mm / 3"



SG 2930

Guide return



SG 2932

Recess profile



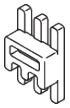
SG 2937

Safety device



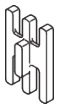
SG 2941

Wedge



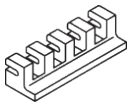
SG 2944

Limit stop



SG 2945

Limit stop



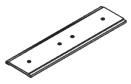
SG 2946

Limit stop



SG 2948

Recess profile



SG 2962

Connection bridge



SG 2966

Spacer



SG 2967

Spacer



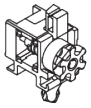
SG 2968

Spacer



SG 2969

Spacer



SG 2971

Rotation element sloping window



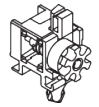
SG 2972

Spacer



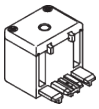
SG 2973

Spacer



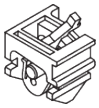
SG 2975

Pilot runner sloping window



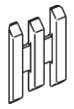
SG 2977

Guide return



SG 2979

Brake sloping window



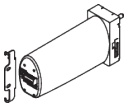
SG 2989

Connector



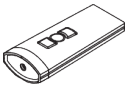
SG 6268

Hanger



SG 9091

Motor 24V DC, radio receiver



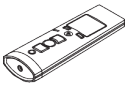
SG 10300

Radio hand held 1 channel



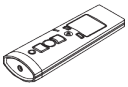
SG 10302

Radio hand held 5+1 channel



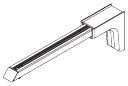
SG 10303

Radio hand held 10+2+1 channel



SG 10804

Radio hand held 15+5+1 channel



SG 11156

Universal Smart Fix 200 mm



SG 11480

Radio wall transmitter 1 channel



SG 11490

Radio wall transmitter 5+1 channel



SG 20336

Hand held transmitter 8 channel



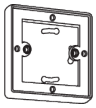
SG 20913

Wall switch single channel



SG 20914

Wall switch 8 channel



SG 20917

Pattress box