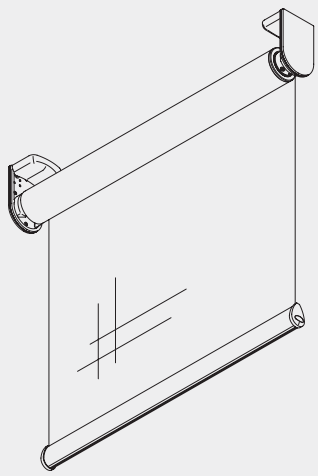
Electrically Operated Roller Blind System

Silent Gliss® 4870



4870

Product Information

- Medium/medium-heavy duty motorised roller blind system, ideal for contract applications
- Connected systems can be mounted using an intermediate snap-in bracket for easy fitting from below. Systems are operated simultaneously with one motor
- Adjustable stainless steel bracket set: the vertical adjustment device enables the fabric to be easily aligned with the window frame or the system with the ceiling on-site using a screwdriver only
- Pre-fitted hook-in stainless steel plates take the weight of the blind whilst the fitters carry out final positioning of the brackets. The latter are each adjustable sideways by up to 15mm
- The system can be covered with an optional fascia profile
- Electronic endstop
- Fixed switch or radio control operation
- Aluminium bottom bar, white as standard with the option of silver
- Optional side-guide wires with easy fitting and tensioning
- Bracket covers for neater appearance outside recess
- Double system option allows two blinds to be mounted in parallel on the same set of brackets - ideal when sheer and dim-out shading is required at same window
- Can be combined with Radio Remote Control System Silent Gliss 9940/0450

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Unit 23
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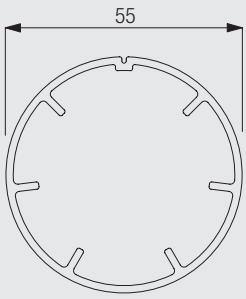
Dwight Road
Watford
WD18 9DA
020 8421 6605
info@shadingspecialists.co.uk

Profile and Specification Information

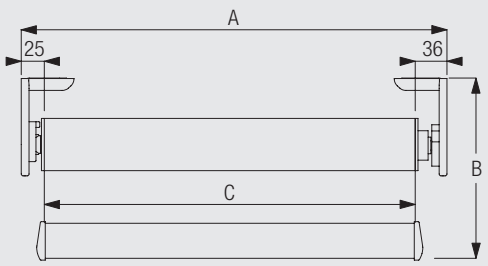


4701

Specification Guide - download from www.silentgliss.co.uk (password required).
Silent Gliss motorised roller blind system for medium/medium-heavy weight fabric applications. Fixed to wall/ceiling/inside recess with 4707 bracket set with top and side covers to ensure neat appearance. 4714 hook in plates to be used for easy on-site installation. Optional double system using brackets 4969/4971. Electronic endstop ensures stopping of blind at pre-defined height. Optional side guide wires and aluminium fascia with rubber lip available to ensure no light gap at ceiling. Side by side (linked) system 4870 can be operated simultaneously with one motor, fitted with 4708 (wall)/4709 (ceiling) centre support brackets. Supplied with in-line connector 0766 as standard.

How to Measure

Single system

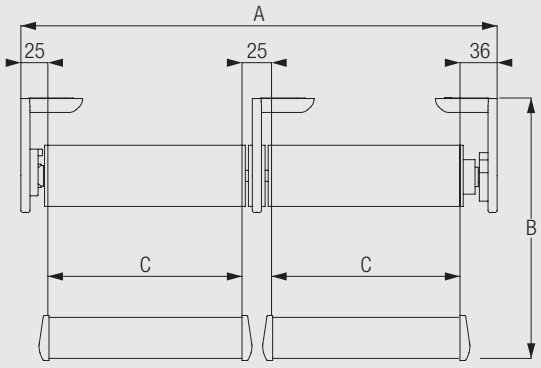


A: system width
B: system drop
C: fabric width

Attention: when installing the blind without bracket covers left and right, the total system width will be reduced by 6mm (2 x 3mm).

4870

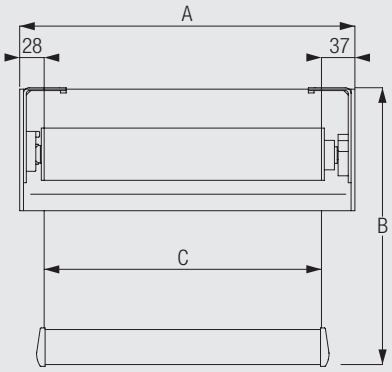
Side by side (linked) system



A: system width
B: system drop
C: fabric width

Attention: when installing the blind without bracket covers left and right, the total system width will be reduced by 6mm (2 x 3mm).

System with fascia 4702



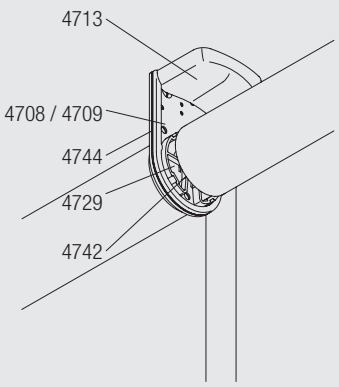
A: system width (= standard width + 8mm)
B: system drop
C: fabric width

System Dimensions

max.	min.	max.	m^2 max.	kg max.
Single system: 3.30m Side by side system (linked): 6.60m	70cm	5m	Single system: 14 Side by side system (linked): 22	Single system: 10kg Side by side system: 10kg

System Options

Side by side systems (linked) with special connection bracket 4708 (face fix) and 4709 (top fix).



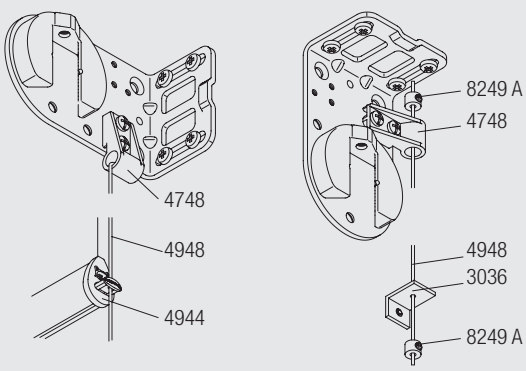
4708 Connection bracket f
4709 Connection bracket f
4713 Bracket cover

4742 Connection adapter (x2)
4744 Connection bracket cover

The motor can only be installed at the end of each system, either left or right hand side, not in the middle.

Special connection bracket for connecting two systems so that both can be operated simultaneously with one motor only. For wall xing use bracket 4708, f

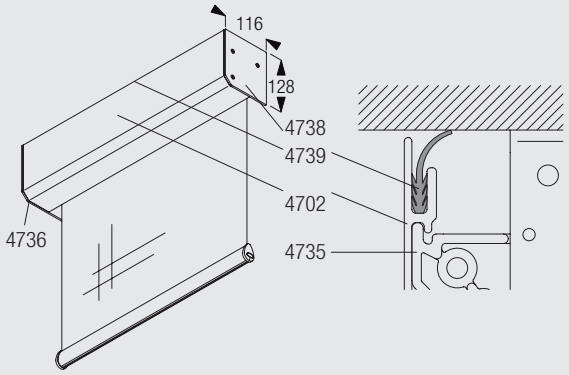
Side guides for stabilising blind systems and sloped applications (up to 15° incline)



8249A Fastener
4944 Endcover
4948 Wire rope (1.5mm)
4748 Holder
3036 Bracket

The bracket 3134 (with cover 3133) can be used as an alternative to 3036 for greater clearance.

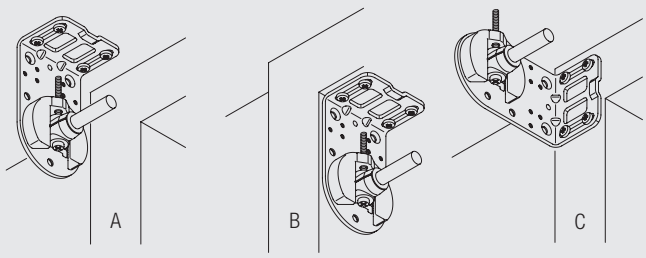
Fascia cover for system



4739 Seal (optional)
4736 Cover left
4738 Cover right
4735 Fascia holder (x2)

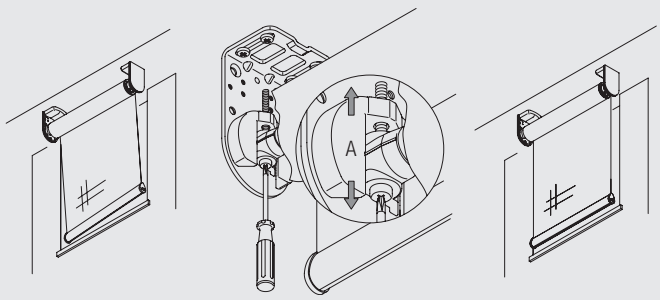
Fitting Information

Bracket positioning and basic fitting features



A:
B:
C: W

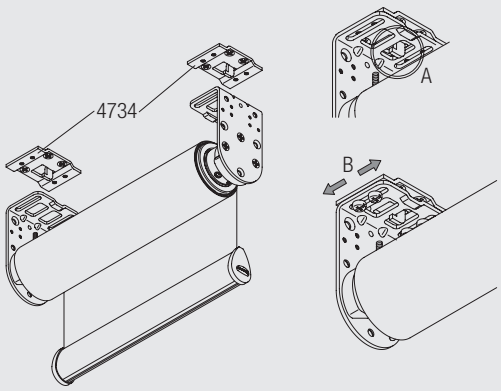
Adjustable stainless steel bracket set (for vertical adjustments)



Vertical adjustment of the system (A) allows the headtube to be adjusted.

4870

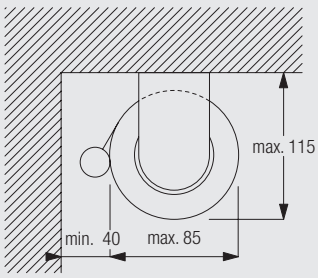
Hook-in installation plates

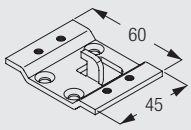


The brackets can be laterally adjusted by up to 15mm.

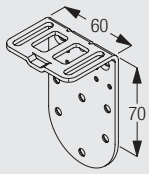
Specially designed pre- tted hook-in plates (A) take the weight of the

Ceiling fix

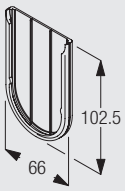




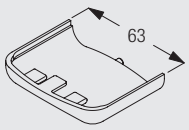
4734
Hook in plate



4707
Bracket (100mm)

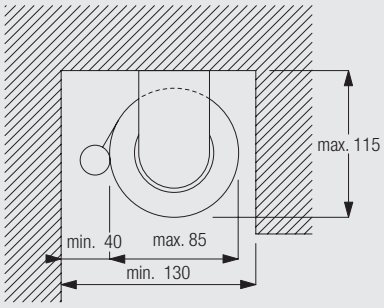


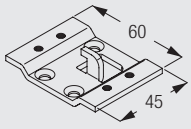
4712
Bracket cover
(102.5mm)



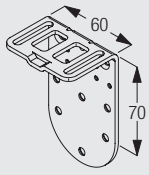
4713
Top bracket cover

Recess fix

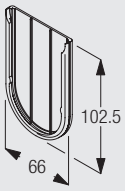




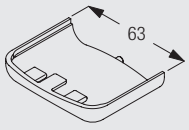
4734
Hook in plate



4707
Bracket (100mm)

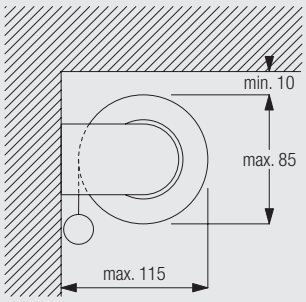


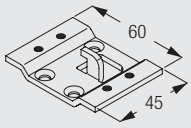
4712
Bracket cover
(102.5mm)



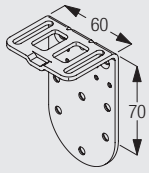
4713
Top bracket cover

Wall fix

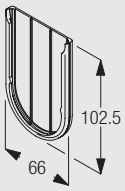




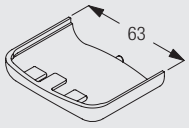
4734
Hook in plate



4707
Bracket (100mm)



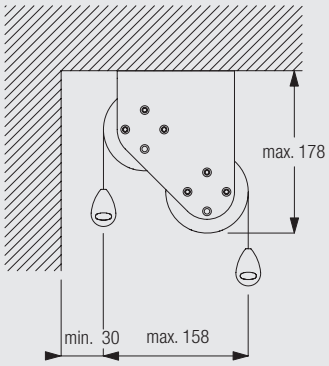
4712
Bracket cover
(102.5mm)

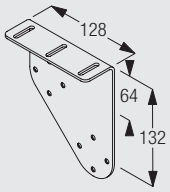


4713
Top bracket cover

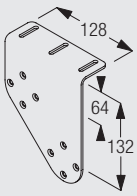
4870

Ceiling fix with double brackets 4969 and 4971



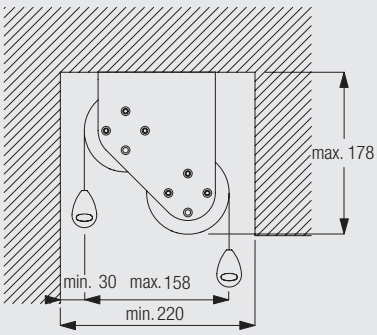


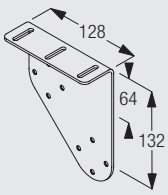
4969
Double Bracket



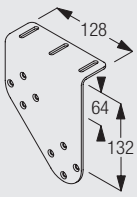
4971
Double Bracket

Recess fix with double brackets 4969 and 4971



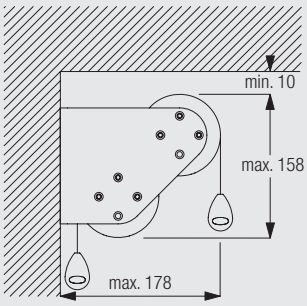


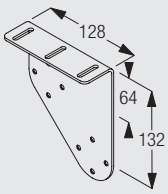
4969
Double Bracket



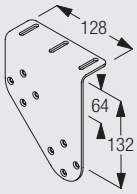
4971
Double Bracket

Wall fix with double brackets 4969 and 4971





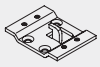
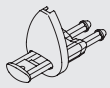
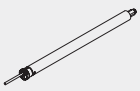
4969
Double Bracket



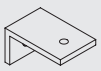
4971
Double Bracket

Standard Accessories

4870

			4701		
4707	Bracket (100mm)		4712	Bracket cover (102.5mm)	
4713	Top bracket cover		4734	Hook in plate	
4903	Bottom bar		4944	Bottom bar endcover set	
10522	Motor 20-Series, 230V				

Optional Accessories

0578	Pattress box		0615	Latching switch inc. pattress box	
0997	Motor Test Lead		3036	Bracket (47mm)	
4702			4708	Connection bracket double system	
4709	Connection bracket double system		4735	Holder (fascia)	

4736	Cover left (fascia)	
4738	Cover right (fascia)	
4739	Seal (fascia)	
4744	Connection bracket cover	
4748	Holder	
4948	Wire rope (ø 1,5mm)	
4969	Double Bracket	
4971	Double Bracket	
5741	Klik plug	
5742	Klik socket	
10523	Motor 20-Series, 230V, radio receiver	

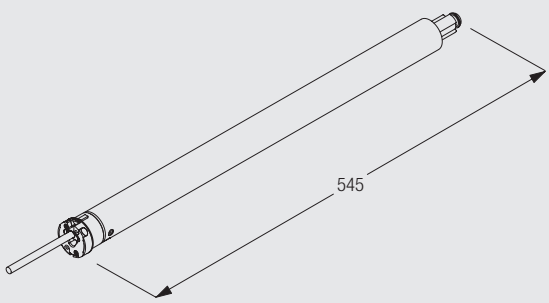
4870

Overview Motors & Controls

Motor and Control Features	Motor
	10522, 10523
Motor Features	
Electronic end-stop programming with Silent Gliss transmitters or limit setting lead	●
Electronic revolution counter (unlimited revolution)	●
Two intermediate positions possible (only applicable with built-in motor receiver)	●
Exact programming of intermediate positions possible	●
Parallel wiring possible without additional relays	●
Parallel wiring possible without additional relays with built-in motor receiver	●
Soft stop	●
No stop clicking	●
Cable connectable with plug into motor and available in different lengths	●
Control Features	
Silent Gliss Radio Remote Control System 9940 (only applicable with built-in motor receiver)	●
Silent Gliss Radio Remote Control System 0450 (external receiver necessary)	●
Suitable for all common home automation and bus systems	●

Motorisation

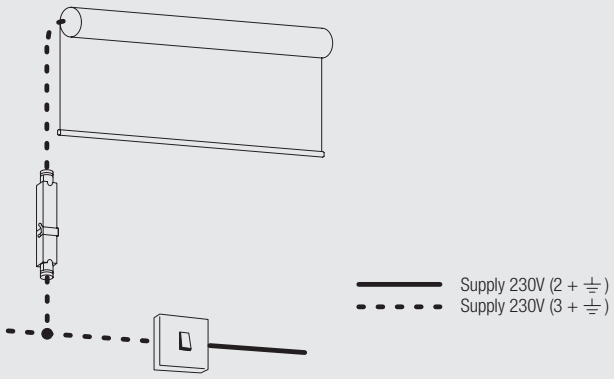
Motors Silent Gliss 10522 / 10523 (230V)



- Voltage: 230V AC
- Frequency of Receiver of Motors 10523: 915 MHz
- Torque: 3Nm
- Speed: 30rpm
- Frequency: 50Hz
- Power: 135W
- Current: 0.60A
- Thermal Overload Protection
- CE Standard
- Cable pluggable

Operating Methods

Operation via fixed switch with motor 10522

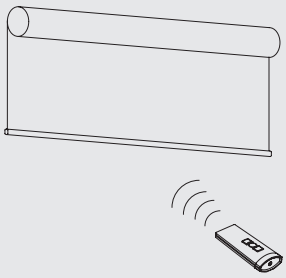


Up to 10 motors can be wired in parallel, cumulative total load must be 25% below the switch/fuse rating.

When using the Fixed Switch control for multiple blinds, when operating simultaneously the blinds may not necessarily stop at precisely the same intermediate point. Top and bottom levels can be preset in alignment.

If this is a requirement then we recommend using Radio Control System 9940/0450 with individual and simultaneous swtiching.

Operation with Radio Remote Control System 9940 or 0450



System can be combined with Radio Remote Control System Silent Gliss 9940 using motor 10523 (integrated receiver) or Radio Remote Control System 0450 using motor 10320 (non integrated receiver) with minimum wiring. For further details, please refer to catalogue section “Motors & Controls”.

Wiring and Connections

Important: Wiring diagrams are available from www.silentgliss.co.uk (password required).