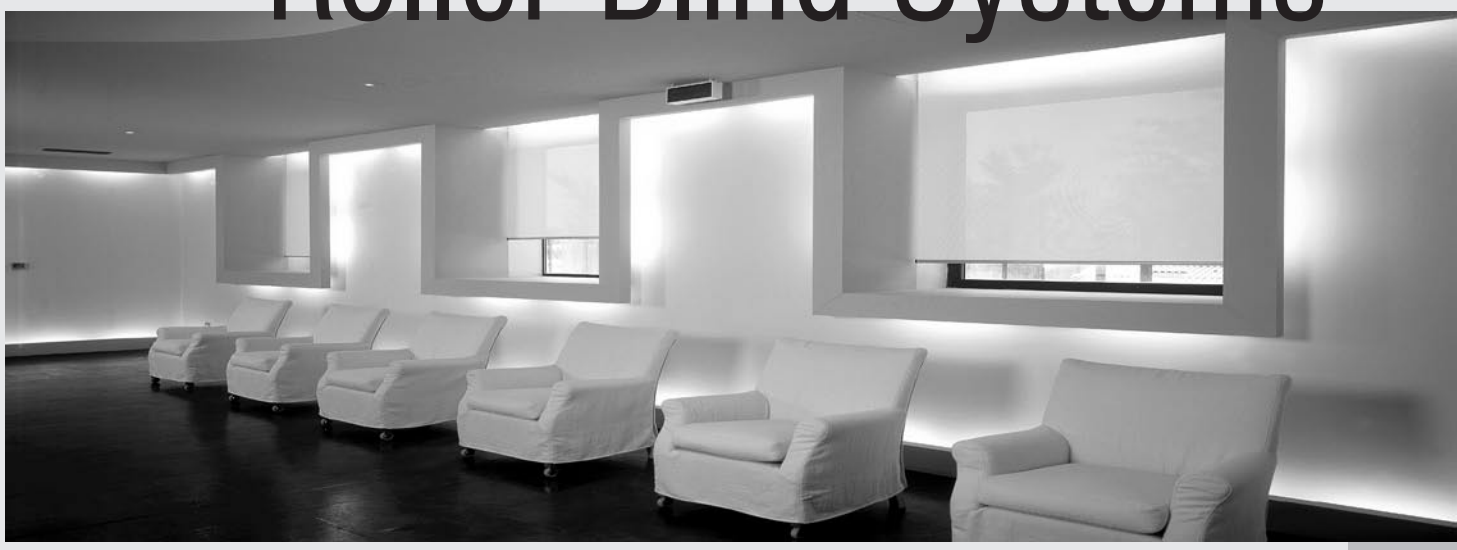
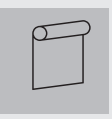
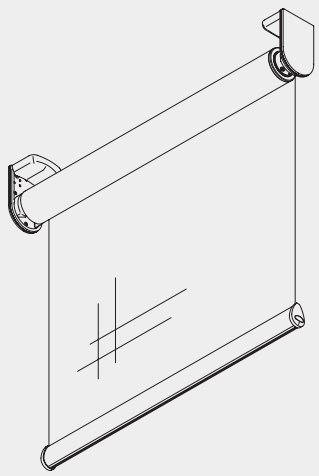
Roller Blind Systems





Electrically Operated Roller Blind System

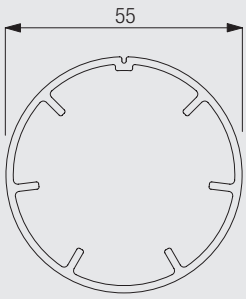
Silent Gliss® 4870



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 apearance 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.

Profile and Specification Information

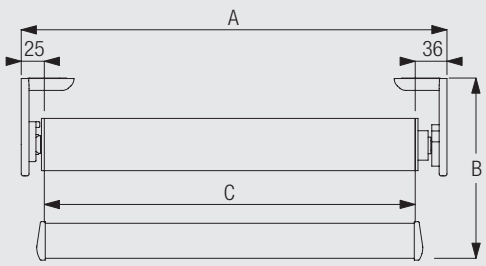


4701

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 switch 0615 and in-line connector 0766 as standard.

How to Measure

Single system

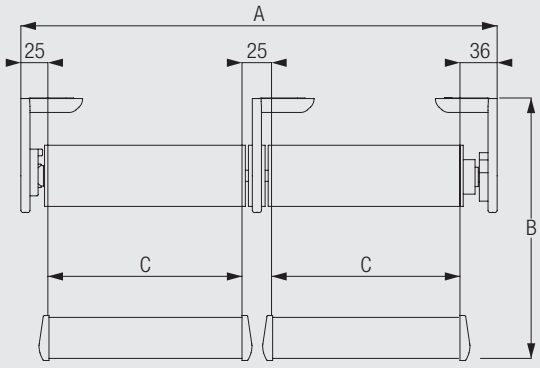


A: system width
B: system drop
C: fabric width

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

4870

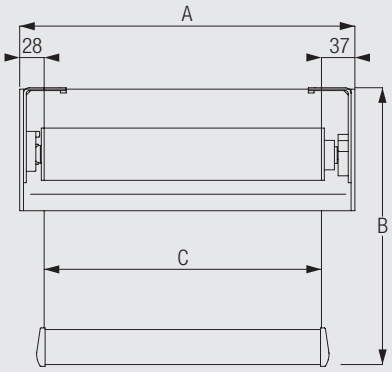
Side by side (linked) system



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 cassette 4702



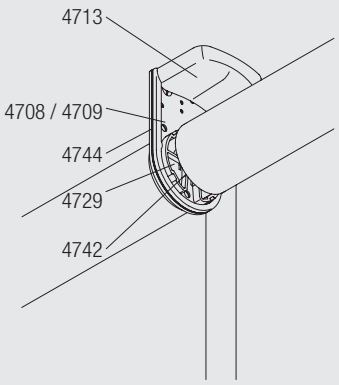
A: system width (= standard width + 8mm)
B: system drop
C: fabric width

System Dimensions

max.	min.	max.	m^2 max.	kg max.
Single system: 3.30m Side by side system (linked): 6.60m	60cm	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).

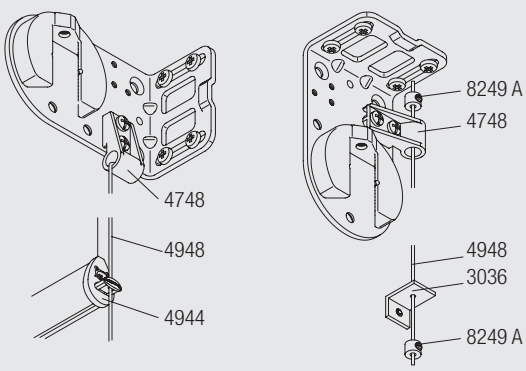


4708 Connection bracket for wall fixing
4709 Connection bracket for ceiling fixing
4713 Bracket cover
4729 Connection flange (x2)
4742 Connection adapter (x2)
4744 Connection bracket cover

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 fixing use bracket 4708, for ceiling fixing 4709.

Side guides

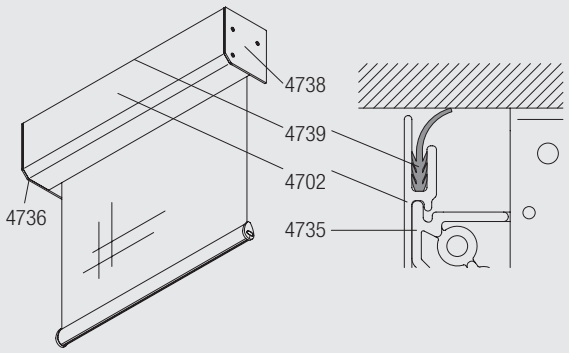


8249A Fastener
4944 Endcover
4948 Wire rope (1.5mm)
4748 Holder
3036 Bracket

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

4870

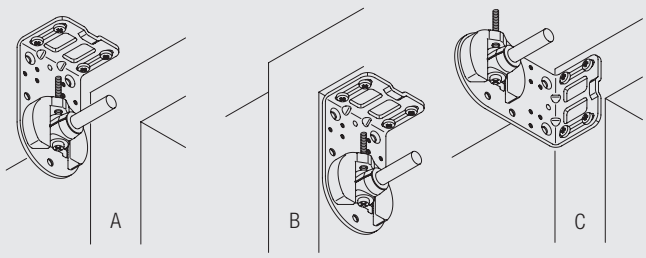
Fascia cover for system



4702 Profile
4739 Seal (optional)
4736 Cover left
4738 Cover right
4735 Fascia holder (x2)

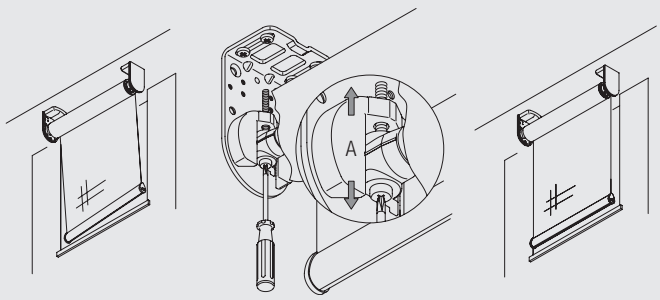
Fitting Information

Bracket positioning and basic fitting features



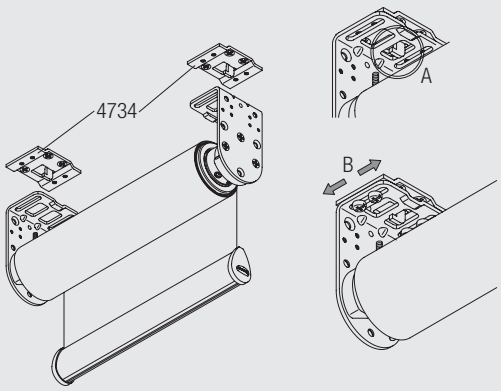
A: Ceiling fix
B: Recess fix
C: Wall fix

Adjustable stainless steel bracket set (for vertical adjustments)



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

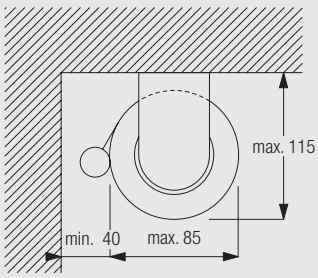
Hook-in installation plates

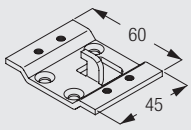


The brackets can be laterally adjusted by up to 15mm.

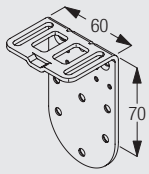
Specially designed pre-fitted hook-in plates (A) take the weight of the blind during the final positioning (B) of the brackets.

Ceiling fix

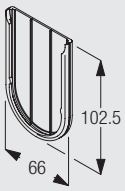




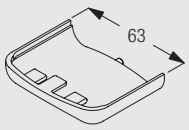
4734
Hook in plate



4707
Bracket (100mm)

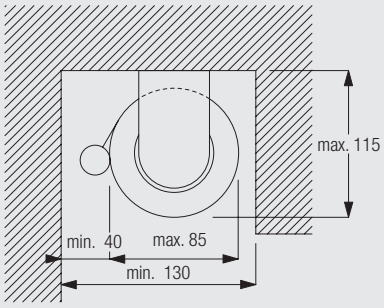


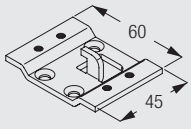
4712
Bracket cover
(102.5mm)



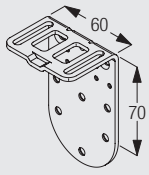
4713
Top bracket cover

Recess fix

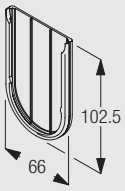




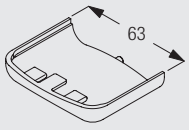
4734
Hook in plate



4707
Bracket (100mm)

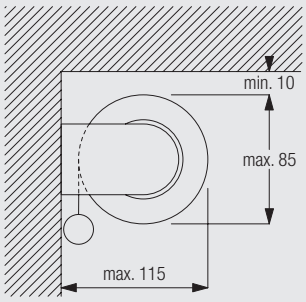


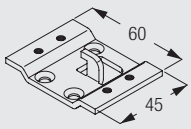
4712
Bracket cover
(102.5mm)



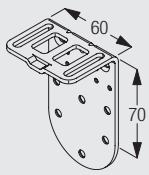
4713
Top bracket cover

Wall fix

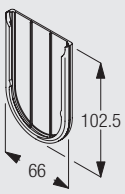




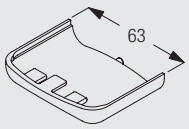
4734
Hook in plate



4707
Bracket (100mm)



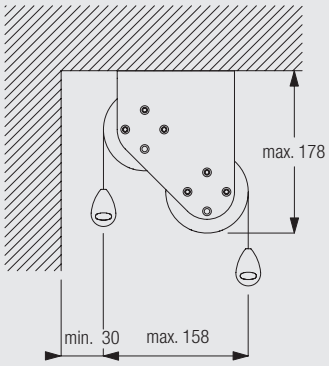
4712
Bracket cover
(102.5mm)

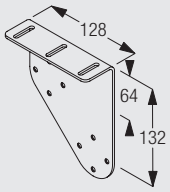


4713
Top bracket cover

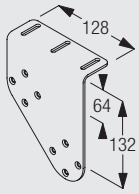
4870

Ceiling fitting with double brackets 4969 and 4971



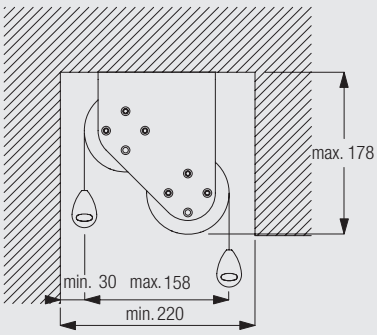


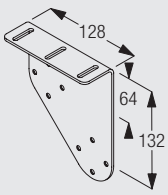
4969
Double Bracket



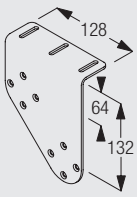
4971
Double Bracket

Recess fitting with double brackets 4969 and 4971



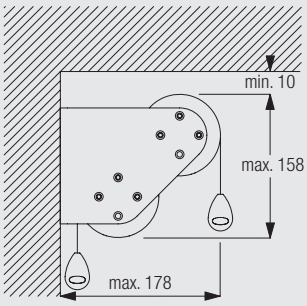


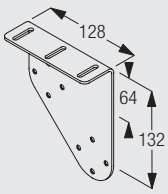
4969
Double Bracket



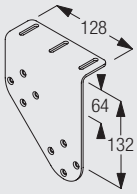
4971
Double Bracket

Wall fitting with double brackets 4969 and 4971



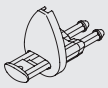


4969
Double Bracket



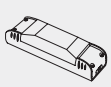
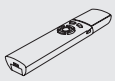
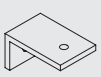
4971
Double Bracket

Standard Accessories

0766	In-line connector (complete/no lead)		4701	Profile	
4707	Bracket (100mm)		4712	Bracket cover (102.5mm)	
4713	Top bracket cover		4734	Hook in plate	
4903	Bottom bar		4944	Bottom bar endcover set	

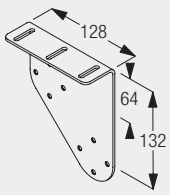
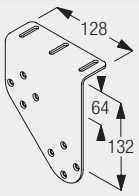
4870

Optional Accessories

0578	Pattress box		0615	Latching switch inc. pattress box	
0913	Wall mounted switch single-channel BS Brushed Stainless/MP Mirror Polish/BR Brass		0914	Wall mounted switch 8-channel BS Brushed Stainless/MP Mirror Polish/BR Brass	
0915	Hand held transmitter single-channel		0919	Control module (motor type B, BB)	
0939	Multi-channel programmable transmitter		3036	Bracket (47mm)	
3133	Bracket cover (60mm)		3134	Extension bracket (60mm)	

4702	Profile (fascia)		4708	Connection bracket double system (100mm wall fixing)	
4709	Connection bracket double system (100mm ceiling fixing)		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	

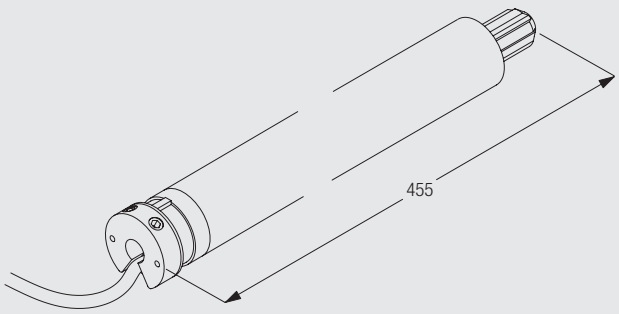
Useful Measures

4969	Double Bracket		4971	Double Bracket	

Motorization

4870

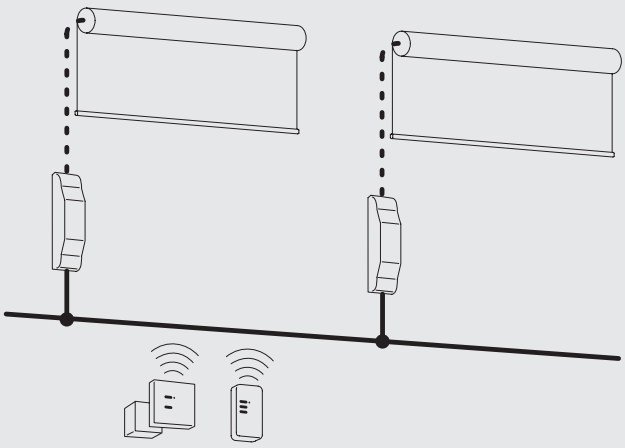
Motor Silent Gliss 4575A



- Torque: 3Nm
- Voltage: 230V
- Frequency: 50Hz
- Power: 80W
- Current: 0.40A
- Speed: 30rpm
- Thermal overload protection
- CEE Standard
- Mechanical end stop
- Weight: 0.95kg

Operating Methods

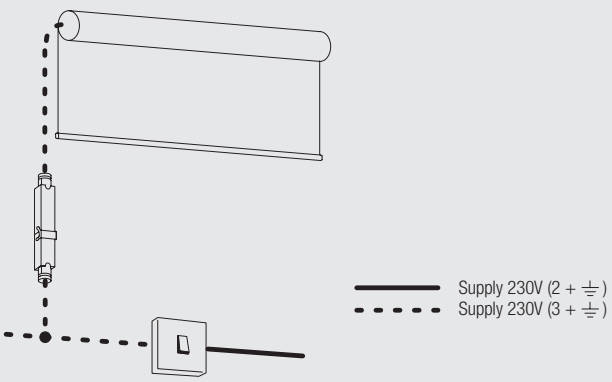
Operation with System 0450 Radio Controls



Supply 230V (2 + ⏚)
Supply 230V (3 + ⏚)

The Silent Gliss System 0450 Radio Controls allow the System 4870 to be operated via fixed switch or hand-held remote controls. For more information refer to the Switches section of this catalogue.

Operation via fixed switch



Supply 230V (2 + ⏚)
Supply 230V (3 + ⏚)

Relays (5736) must be used if **multiple systems** are connected in parallel.

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 0450 with individual and simultaneous swtiching.

Wiring and Connections

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

4870

www.silentgliss.co.uk

Silent Gliss Ltd
Pyramid Business Park
Poorhole Lane
Broadstairs
Kent
CT10 2PT
Great Britain

Tel: 0044 (0) 1843 863571
Fax: 0044 (0) 1843 864503
sales@silentgliss.co.uk

SGGB_TB_RB_4870_20091124 /