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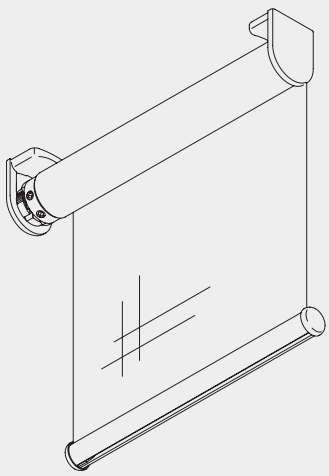
Electrically Operated Roller Blind System

Silent Gliss® 4860



Product Information

- Light to medium duty, electrically operated roller blind for contract and domestic applications
- Full open-close-stop control available at all times
- Extremely quiet and fast mains powered motor
- Speed of operation 15cm/sec
- Easy wall/ceiling/recess fixing. Smart white/black bracket covers for outside recess applications
- 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
- Standard white aluminium bottom bar. Optional silver or black
- Fixed switch or radio control
- Progressive limit switch unit for easy setting and consistent positioning
- Supplied made-to-measure ready-assembled with the technical or decorative fabric of your choice
- Can be combined with Radio Remote Control System Silent Gliss 9940/0450
- Optional cassette
- Optional coordinated metal brackets, bottom bar, endcaps and headrail which enhance the design of each roller blind system.

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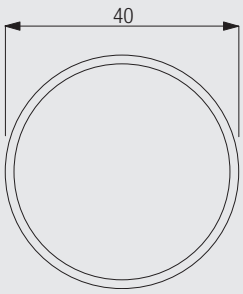
Profile and Specification Information

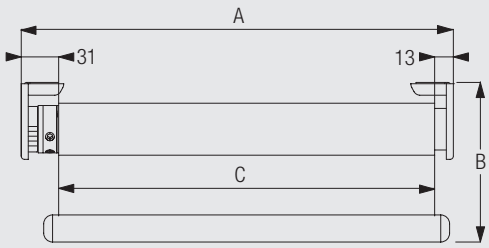


4544

Specification Guide - download from the Silent Gliss Website (password required) www.silentgliss.co.uk
Electrically operated roller blind system 4860. Assembled complete with anodised aluminium headrail and 4803/4804 bracket set for wall or ceiling fixing. White bracket base covers 4809 as standard. White bracket covers 4805/4806 supplied for outside recess fixing. Double system option using brackets 4967/4968. White aluminium bottom weight bar with endcaps 4241. Powered by 230V 50Hz double insulated motor situated left side incorporating a progressive limit switch unit. Provided with 0615 switch and in-line connector 0766 as standard.

How to Measure

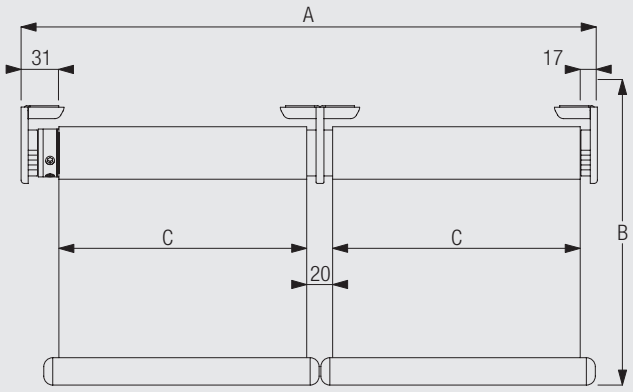
Single system



A: system width
B: system drop

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

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).

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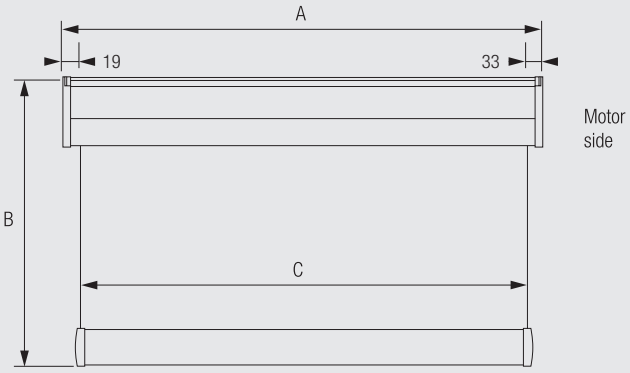
System with cassette (optional)



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

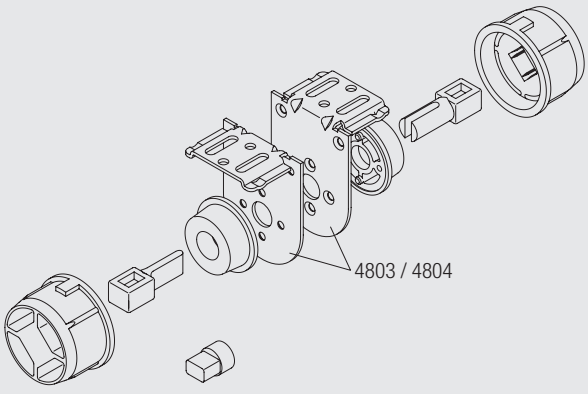
System Dimensions

max.	min.	max.	m^2 max.	kg max.
Single system: 2.30m Side by side (linked): 4.60m	60cm	3.50m	Single system: 7.5sqm Side by side (linked): 12sqm	7.5kg

Note: When using the optional cassette there may be some fabric drop limitations - please consult Silent Gliss for further details.

System Options

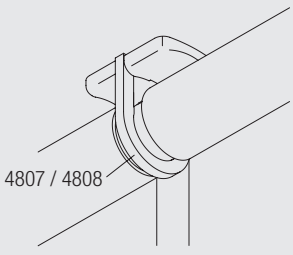
Side by side (linked) systems with centre support bracket set 4876 (46mm - standard) and 4875 (36mm)



Increase of cost efficiency by using the optional centre support bracket set which allows to power two connected systems with one motor. It can also be combined with the continuous headrail for easy on-site fixing.

4807 Middle cover for bracket 4803 (36mm)
4808 Middle cover for bracket 4804 (46mm)

Side-by-Side fixing of two systems



4807 Middle cover for bracket 4803 (36mm)
4808 Middle cover for bracket 4804 (46mm)

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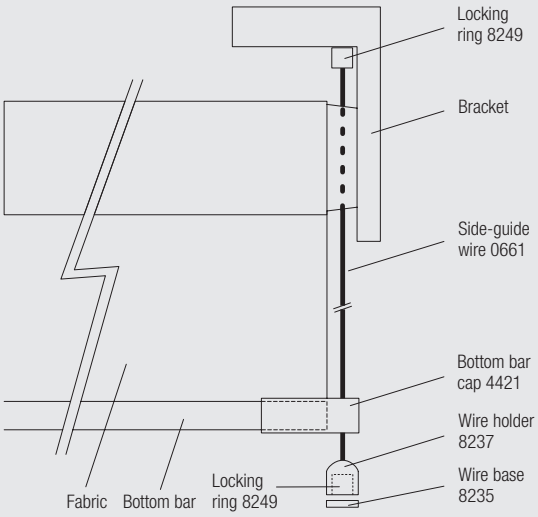
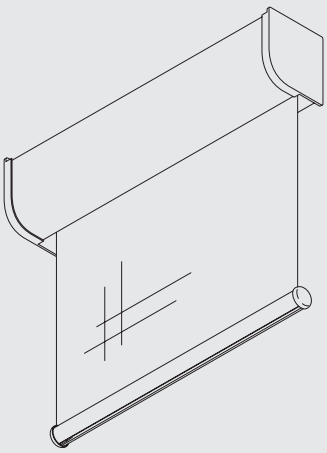
Side-guide option



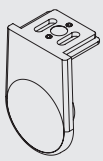
The side guide wire is fixed to the bracket using a locking ring, it then passes down behind the barrel, down the side of the blind, passing through a bottom bar cap and is secured to the window frame using a second locking ring contained within a wire housing/wire base holder.

Cassette option



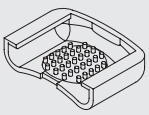
21601 rear cassette cover x 1
21611 front cassette cover x 1
3186 cassette plate x 2
3187 cassette cover x 2

Metallic Line Option



Metal bracket
10389-94

Metal endcap
10043



Bracket cover
10387

Continuous headrail
4802

Enhance the design of each roller blind system with optional metal brackets, bracket covers and coordinating metal bottom bar, endcaps and headrail.

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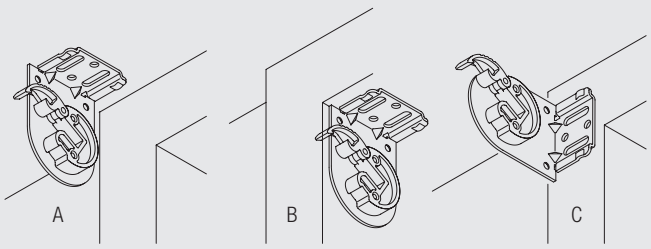
Fitting Information

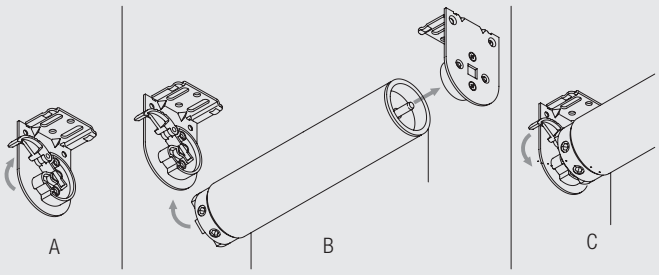
Bracket positioning and basic fitting features



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

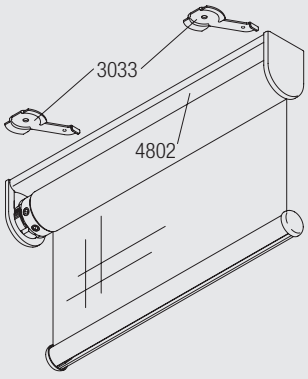
Two different brackets available: standard bracket 4804 (46mm) and optional bracket 4803 (36mm)

Easy front loading and removal of the blind



A: Open click clasp on left side bracketB: Put blind into place: First right hand side, then left sideC: Close click clasp

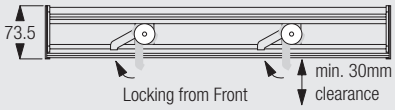
Alternative fixing with continuous headrail (optional)



The complete system is pre-mounted on the continuous aluminium headrail for flexibility in fitting. Just mount the system with pre-fixed clamps 3033.

4860

Alternative fixing with cassette (optional)



30mm allowance must be given for closure of clamps. Tip of clamps may show when ceiling fitted.

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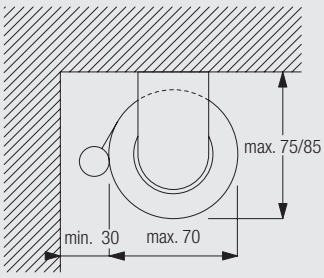
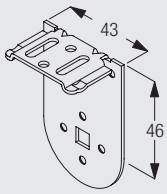
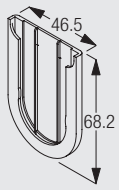
Ceiling fix

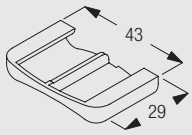




4804
Bracket (46mm)

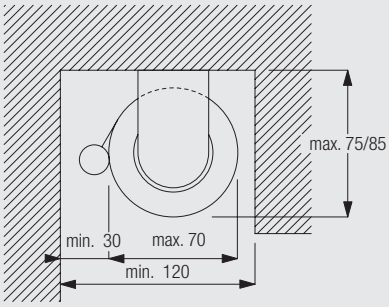


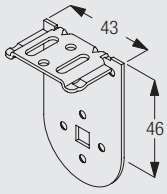
4806
Bracket cover
(46mm)



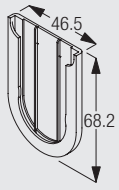
4809
Bracket cover

Recess fix

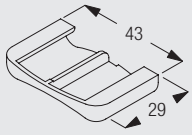




4804
Bracket (46mm)

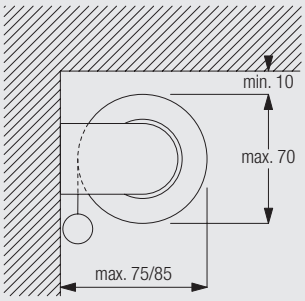


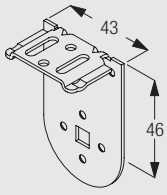
4806
Bracket cover
(46mm)



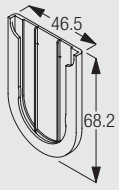
4809
Bracket cover

Wall fix

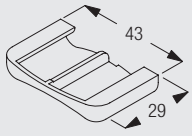




4804
Bracket (46mm)



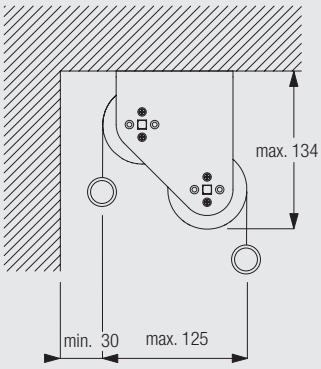
4806
Bracket cover
(46mm)

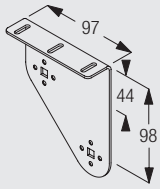


4809
Bracket cover

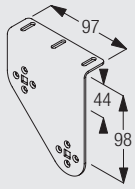
4860

Ceiling fix with double brackets 4967 and 4968





4967
Double Bracket



4968
Double Bracket

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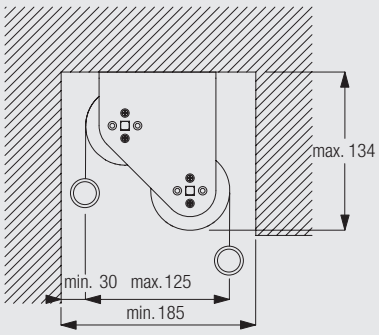
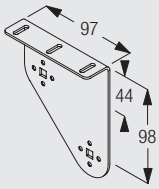
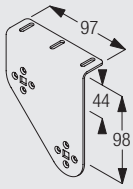
Recess fix with double brackets 4967 and 4968



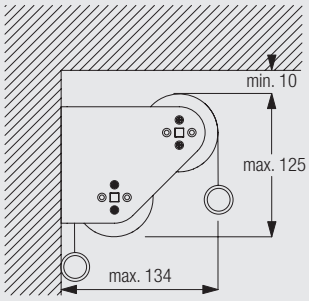


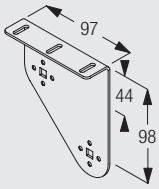
4967
Double Bracket



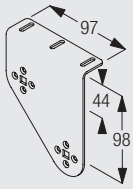
4968
Double Bracket

Wall fix with double brackets 4967 and 4968



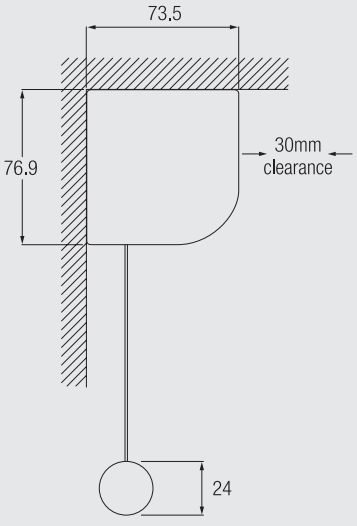


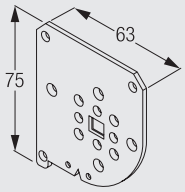
4967
Double Bracket



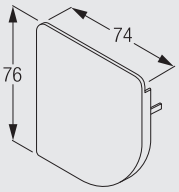
4968
Double Bracket

Ceiling fix with cassette (optional)





3186
Cassette Plate



3187
Cassette Cover

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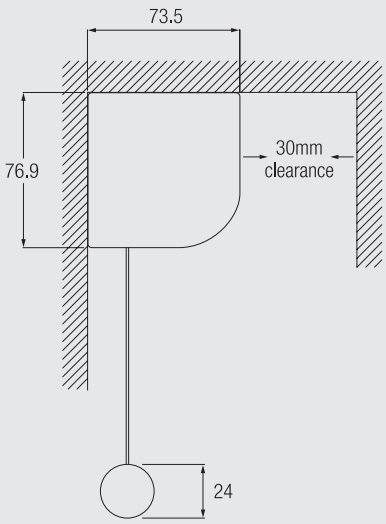
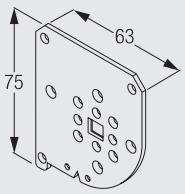
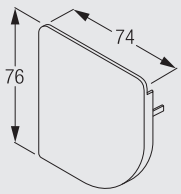
Recess fix with cassette (optional)



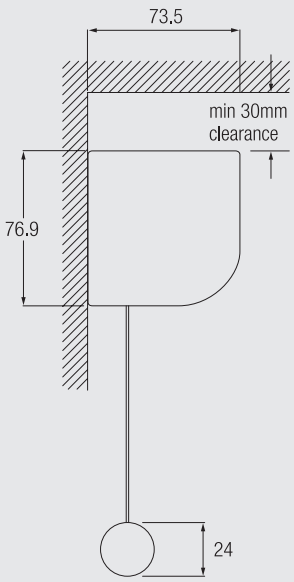


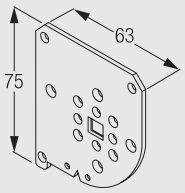
3186
Cassette Plate



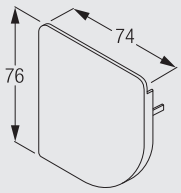
3187
Cassette Cover

Wall fix with cassette (optional)





3186
Cassette Plate



3187
Cassette Cover

Standard Accessories

0766	In-line connector (complete/no lead)		4221	Bottom bar	
4241	Weight bar cap		4257	Sleeve	
4464	Adaptor		4544	Profile	
4573	Master carrier		4804	Bracket (46mm)	
4806	Bracket cover (46mm)		4809	Bracket cover	
10320	Motor 20-Series, 230V				

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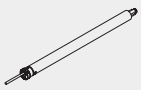
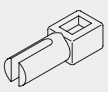
Optional Accessories

0578	Pattress box	
0997	Motor Test Lead	
4139	Bottom bar endcover (ø 19mm)	
4802	Continuous headrail	
4805	Bracket cover (36mm)	
4808	Intermediate bracket cover (46mm)	
4968	Double Bracket	
5742	Klik socket	
10321	Motor 20-Series, 230V, radio receiver	
10389	Metal bracket, wall and ceiling, right and left (46mm)	
10391	Metal bracket, ceiling, right (46mm)	
10393	Metal bracket, wall, right (46mm)	

0615	Latching switch inc. pattress box	
3033	Clamp	
4165	Bottom bar	
4803	Bracket (36mm)	
4807	Intermediate bracket cover (36mm)	
4967	Double Bracket	
5741	Klik plug	
10043	Metal cover for weight bar cap	
10387	Cover for metal bracket	
10390	Metal bracket, ceiling, left (46mm)	
10392	Metal bracket, wall, left (46mm)	

Sets

4876	Centre support bracket set (46mm) also available for 36mm brackets (set 4875) These parts can not be ordered separately		
	4871	Bearing	2
	4872	Shaft	1
	4873	Shaft	1 
	4874	Bearing	2
	4877	Pin	1
	4879	Bracket (46mm)	2

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Cassette, containing	21601	Rear Cassette Cover	1	
	21611	Front Cassette Cover	1	
	3186	Cassette Plate	2	
	3187	Cassette Cover	2	

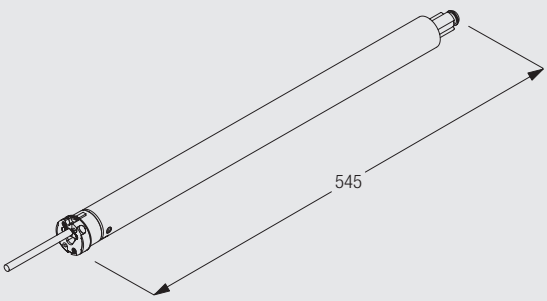
Overview Motors & Controls

Motor and Control Features	Motor
	10320, 10321
Motor Features	
Electronical end-stop programming with Silent Gliss transmitters or motor test lead	●
Electronical 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	●

4860

Motorisation

Motor Silent Gliss 10320/10321(230V)



- Voltage: 230V
- Frequency of Receiver of Motors 10321: 915MHz
- Torque: 1.5Nm
- Speed: 70rpm
- Frequency: 50Hz
- Power: 135W
- Current: 0.60A
- Thermal overload protection
- CE Standard
- Cable pluggable

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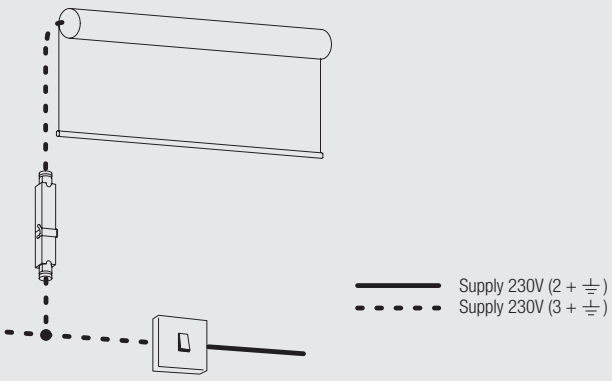
Operating methods

Operation via fixed switch with motor 10320

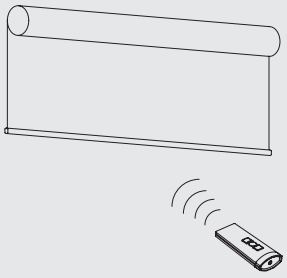


Up to 10 motors can be wired in parallel, cumulative total load must be 25% below the switch/fuse rating.

When using the Fixed Switch control for multiple blinds, when operating simultaneously the blinds may not necessarily stop at precisley 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 4450/0450 with individual and simultaneous switching.

Operation with Radio Remote Control System 9940 or 0450



System 4860 can be combined with Radio Remote Control System Silent Gliss 9940 using motor 10321 (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 on the Silent Gliss Website (password required) www.silentgliss.co.uk.

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