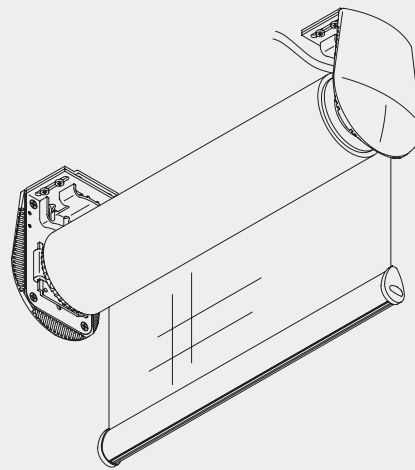


## Electrically Operated Roller Blind System

# Silent Gliss® 4880



### Product Information

- Very heavy duty motorised Roller Blind system. Ideal for contract use
- With Silent Gliss 4880, extremely large windows can be covered by one single motorised system
- Patented Silent Gliss Quick Twist permits easy on-site adjustments of the headrail to minimise fabric roll off (only available on systems up to 4m wide)
- Adjustable stainless steel bracket set: the vertical adjustment facility enables the fabric to be easily aligned with the window frame, or the system with the ceiling on-site using only a screwdriver
- Pre-fitted hook-on stainless steel plates take the weight of the blind during final positioning of the brackets. These are each laterally adjustable sideways by up to 18mm
- The blind is then conveniently fitted from below (especially important in a blind box situation)
- Electronic end stop
- Optional side-guide wires with easy fitting and tensioning
- Bracket covers for neater appearance outside recess
- For systems over 4m wide a 110mm diameter tube is used to minimise bowing (profile 4957)
- Can be combined with Radio Remote Control System Silent Gliss 9940/0450



4880

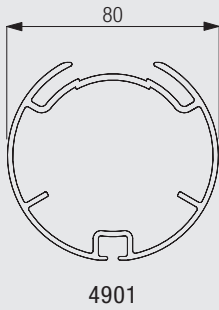
[www.shadingspecialists.co.uk](http://www.shadingspecialists.co.uk)

Shading Specialists  
Unit 23  
Orbital 25  
Dwight Road  
Watford  
WD18 9DA  
020 8421 6605

[info@shadingspecialists.co.uk](mailto:info@shadingspecialists.co.uk)

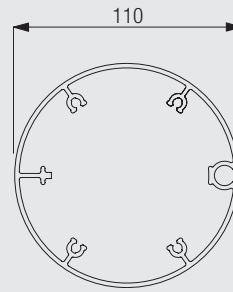
## Profile and Specification Information

### Profile 4901 (80mm tube diameter)



4901

### Profile 4957 (110mm tube diameter)



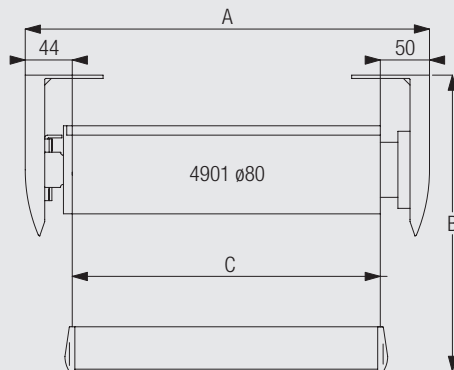
4957

Specification Guide - download from [www.silentgliss.co.uk](http://www.silentgliss.co.uk) (password required).

Silent Gliss 4880 electrically operated roller blind system for very heavy duty applications. Assembled complete with anodised aluminium headrail and stainless steel bracket combination set 4944 incorporating hook on plates to take weight of blind during fitting. Fix to wall/ceiling/inside recess. Incorporating SG patented QuickTwist for easy on site adjustment of the headrail to prevent fabric roll off. Powered 230V 50Hz motor situated left side incorporating a progressive limit switch unit. Provided with 0615 switch and 0766 in-line connector as standard. Fabrics to be selected from Silent Gliss range.

## How to Measure

### Measurement information with profile 4901 (80mm tube)

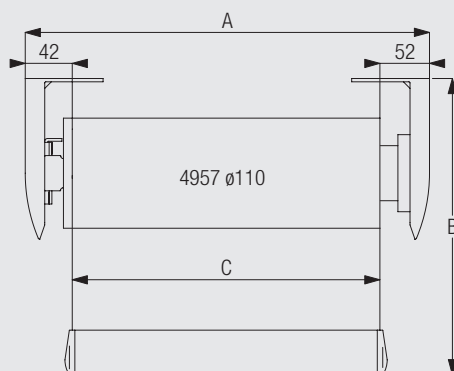


- A: system width
- B: system drop
- C: fabric width

Attention: when installing the blind without bracket covers left and right the total system width will be reduced by 30mm (2 x 15mm)

System measures are indicated with bracket covers. Please refer to Maximum Surface Area Chart for exact total maximum measures of system.

### Measurement information with profile 4957 (110mm tube)



- 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 30mm (2 x 15mm)

System measures are indicated with bracket covers. Please refer to Max. Surface Area Chart for exact total maximum measures of system.

## System Dimensions



4m with 4901 tube  
5m with 4957 tube



72cm



12m with 4901 tube  
9m with 4957 tube

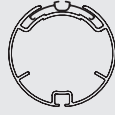
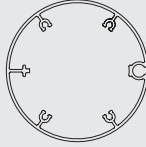


36



23kg with 4901 tube  
23kg with 4957 tube

### Maximum surface area chart

		A →							
		2 m	2.5 m	3 m	3.5 m	4 m	4.5 m	5 m	
B ↓	2 m	●	●	●	●	○	○	○	 ● 4901 (ø 80 mm)
	2.5 m	●	●	●	●	○	○	○	
	3 m	●	●	●	●	○	○	○	
	3.5 m	●	●	●	●	○	○	○	
	4 m	●	●	●	●	○	○	○	 ○ 4957 (ø 110 mm)
	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	●	●	●					max. 36 m <sup>2</sup>	
12 m	●	●	●						

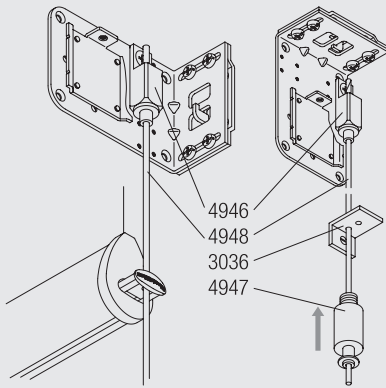


4880

The maximum surface always depends on available fabric widths and fabric weight. As of a width of 4m the system 4880 is supplied with the profile 4957 (110mm tube).

## System Options

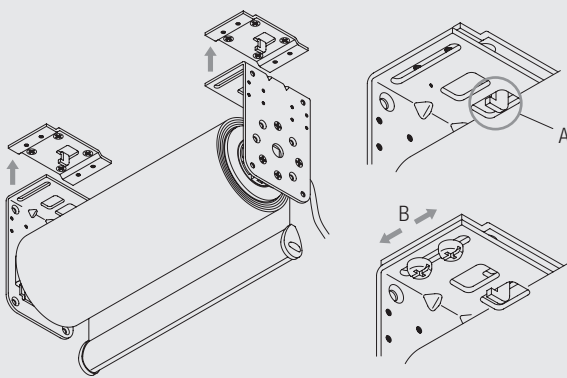
### Side guides for stabilising blind systems and sloped applications (up to 15° incline)



- 4946 Top fastener
- 4948 Wire rope (1.5mm)
- 3036 Bracket
- 4947 Bottom fastener

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

### Hook-in Installation Plates



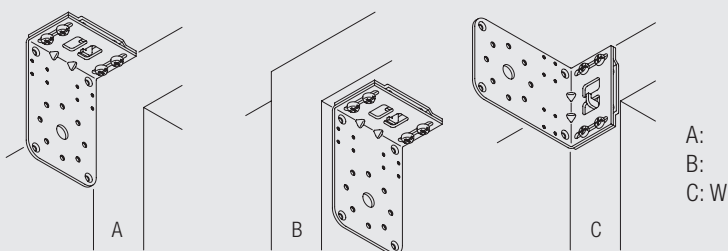
Specially designed pre-tted hook-in plates 4972 (A) take the weight of the blind whilst the fasteners carry out detailed positioning (B) of the brackets. The brackets can be sideways adjusted by up to 18mm. This unique feature is very well received.



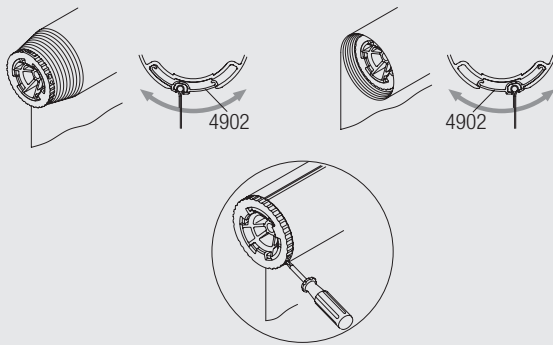
## Fitting Information

4880

### Bracket positioning and basic fitting features



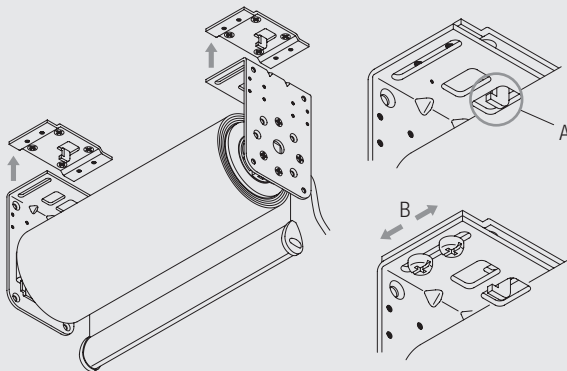
### Silent Gliss Quick Twist (patented)



Adjustment feature for fabric rolling off adaptations.

Patented Silent Gliss Quick Twist permits easy on-site adjustments of the headrail to minimise fabric roll off (only available on systems up to 4m width, using the 80mm tube 4901.)

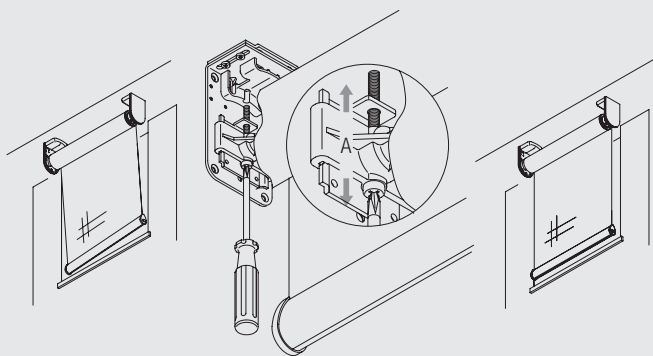
### Hook-in installation plates



The brackets can be laterally adjusted by up to 18mm.

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

### Adjustable stainless steel bracket set (for vertical adjustments)

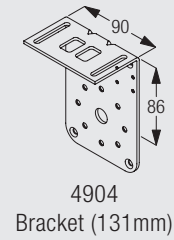
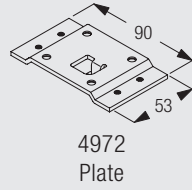
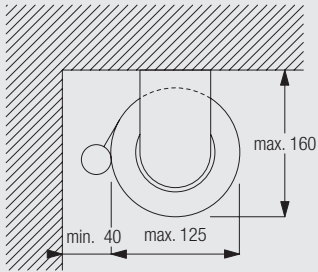


Vertical adjustment of the system (A) allows the headtube to be levelled.



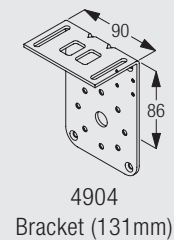
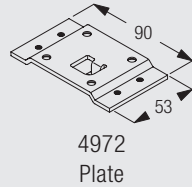
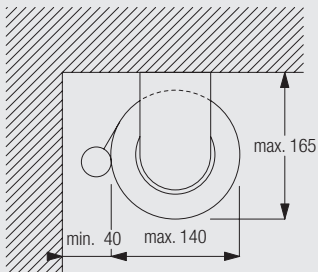
4880

Ceiling fix (profile 4901; 80mm tube)



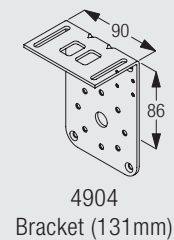
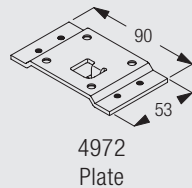
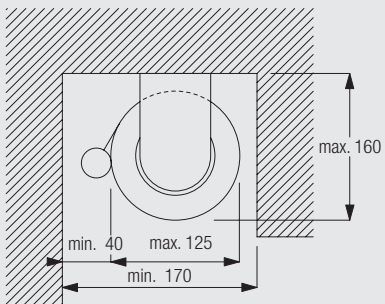
The fitting key parts shown above are part of bracket set 4949.

Ceiling fix (profile 4957; 110mm tube)



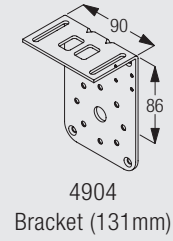
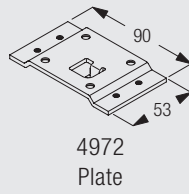
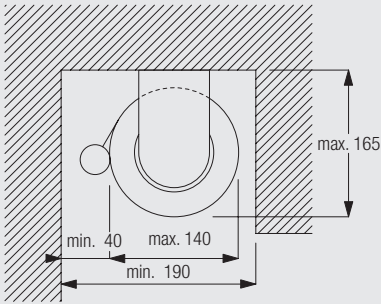
The fitting key parts shown above are part of bracket set 4949.

Recess fix (profile 4901; 80mm tube)



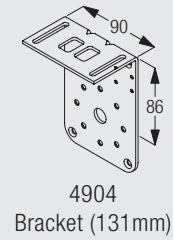
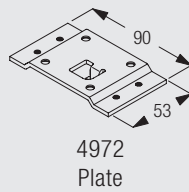
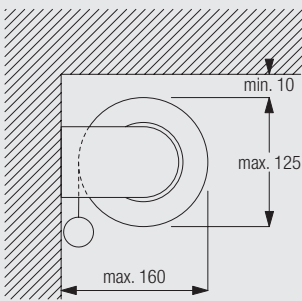
The fitting key parts shown above are part of bracket set 4949.

### Recess fix (profile 4957; 110mm tube)



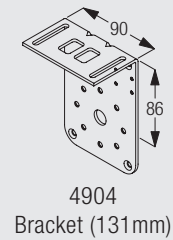
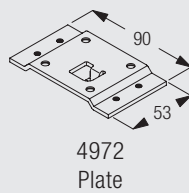
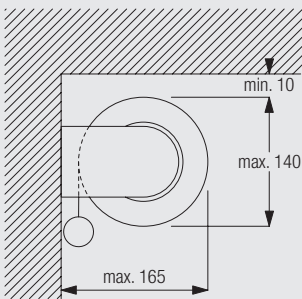
The fitting key parts shown above are part of bracket set 4949.

### Wall fix (profile 4901; 80mm tube)



The fitting key parts shown above are part of bracket set 4949.

### Wall fix (profile 4957; 110mm tube)



The fitting key parts shown above are part of bracket set 4949.

## Standard Accessories

4903 Bottom bar



4915 Support



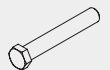
4902





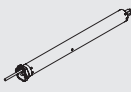


4914 Bearing combination




4939 Shaft







4943	Acrylic rod (ø4mm)		4956	Bracket cover (146mm)	
4957			4963	Acrylic rod (ø6mm)	
10326	Motor 20-Series, 230V				

## Sets

4949	Bracket set, containing		4904	Bracket (131mm)	2	
			4906	Plate	1	
			4966	Special screw	1	
			4972	Plate	2	

## Optional Accessories

0578	Pattress box		0615	Latching switch inc. pattress box	
0997	Motor Test Lead		3036	Bracket (47mm)	
4880			3134	Extension bracket (60mm)	
3133	Bracket cover (60mm)		4947	Wire rope bottom fastener	
4946	Wire rope top fastener		4951	Steel Rod	
4948	Wire rope (ø 1,5mm)		5741	Klik plug	
4972	Plate		10327	Motor 20-Series, 230V, radio receiver	
5742	Klik socket				



## Overview Motors & Controls

Motor and Control Features	Motor

### Motor Features

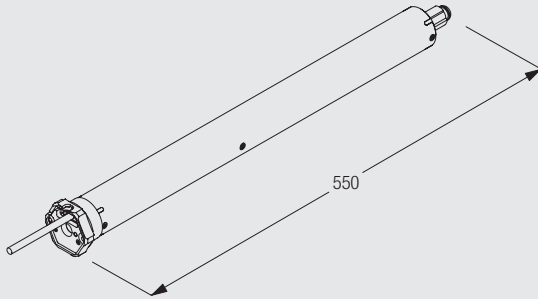
Electronic end-stop programming with Silent Gliss transmitters or limit setting lead	•
Electronic revolution counter (unlimited revolution)	•
Two intermediate positions possible (only applicable with built-in motor receiver)	•
Exact programming of intermediate positions possible	•
Parallel wiring possible 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 10326/10327



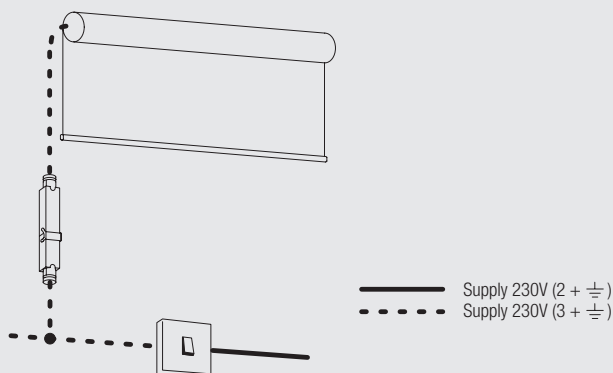
- Voltage: 230V
- Frequency of Receiver of Motors 10327: 915MHz
- Torque: 15Nm
- Speed: 23rpm
- Frequency: 50Hz
- Power: 215W
- Current: 0.95A
- Thermal overload protection
- CE Standard
- Cable pluggable



4880

### Operating Methods

#### Operation via fixed switch with motor 10326

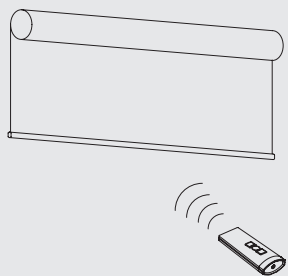


Up to 10 motors can be wired in parallel, cumulative total load must be 25% below the switch/fuse rating.

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 of the system then it is recommended that System 9940/0450 Radio Controls is used with individual and simultaneous switching.

Radio Remote Control System Silent Gliss 9940 or 0450.



System can be combined with Radio Remote Control System Silent Gliss 9940 using motor 10327 (integrated receiver) or Radio Remote Control system 0450 using motor 10326 (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](http://www.silentgliss.co.uk) (password required).



4880