Roller Blind Systems

SilentGliss®
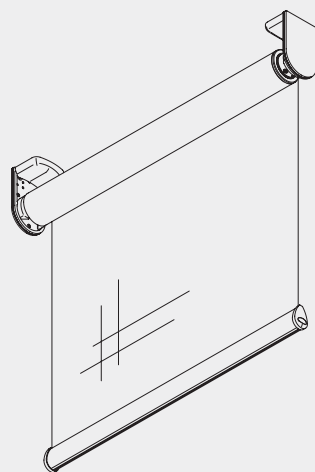
# Electrically Operated Roller Blind System

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 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

Profile and Specification Information
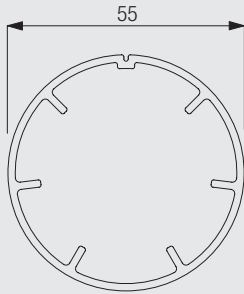
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        55
   ┌─────────┐
      4701
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Specification Guide - download from www.silentgliss.co.uk (password required).
Silent Gliss motorised roller blind system for medium/medium-heavy weight fabric 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.
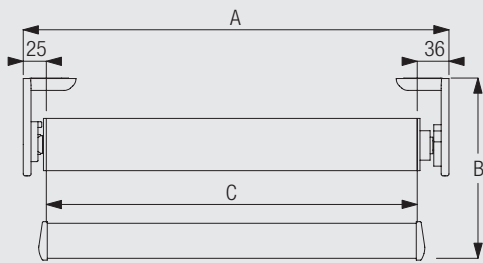
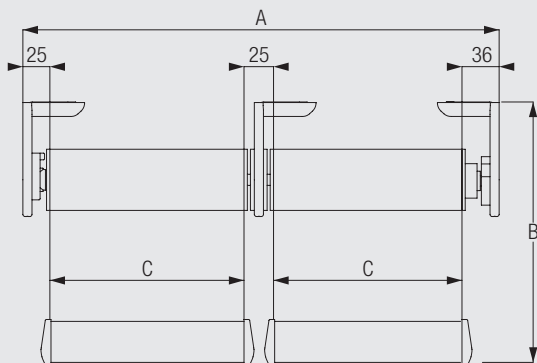## How to Measure

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).
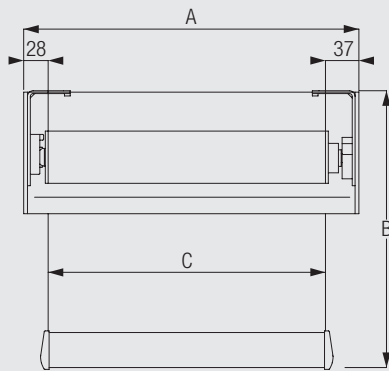
Side by side (linked) system

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).

4870

System with fascia 4702

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

System Dimensions

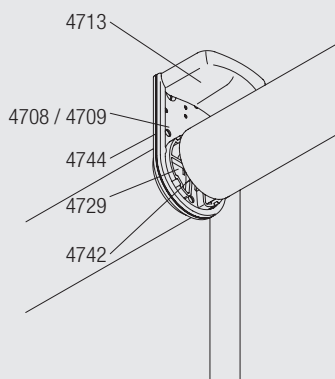| max.	min.	max.	m^2 max.	kg max.
Single system: 3.30m Side by side system (linked): 6.60m	70cm	5m	Single system: 14 Side by side system (linked): 22	Single system: 10kg Side by side system: 10kg

System Options

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

4713
4708 / 4709
4744
4729
4742

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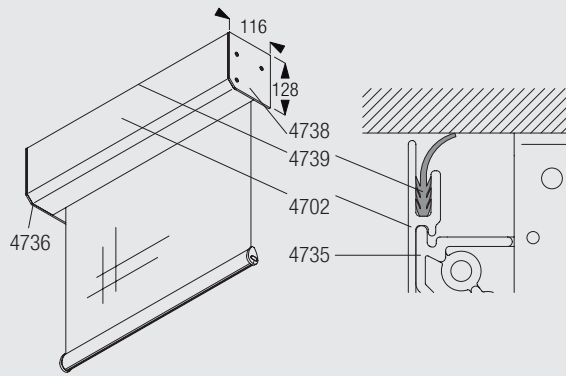
Side guides for stabilising blind systems and sloped applications (up to 15° incline)

8249 A
4748
4748
4948
4944
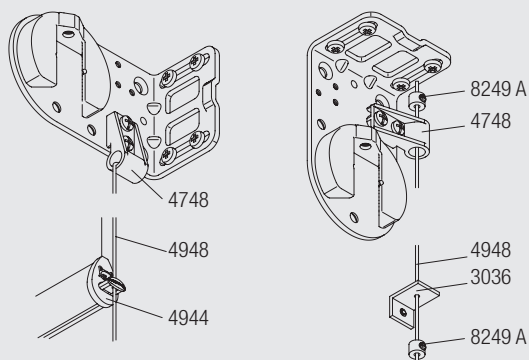
4948
3036
8249 A

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
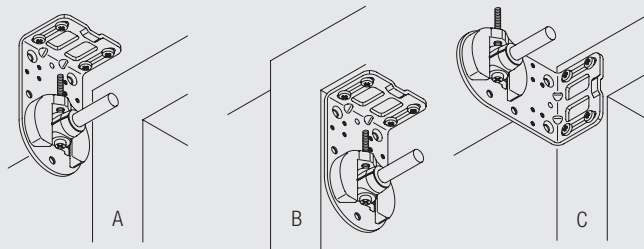
Fascia cover for system

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

Fitting Information
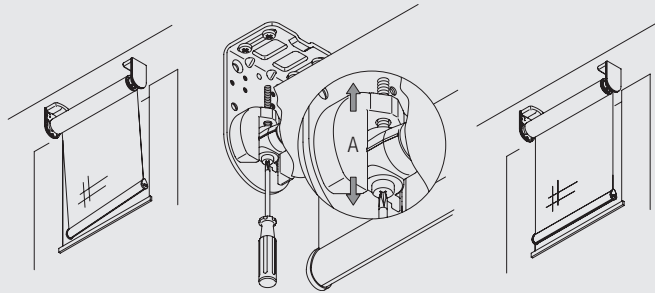
Bracket positioning and basic fitting features

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

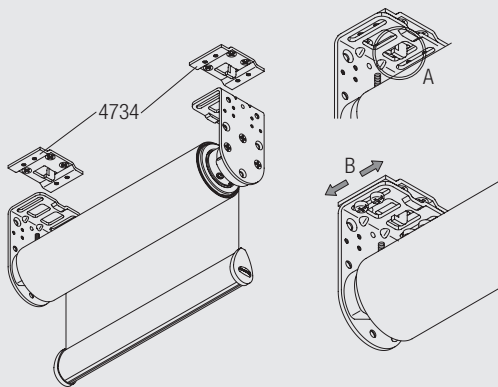### Adjustable stainless steel bracket set (for vertical adjustments)

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

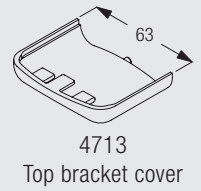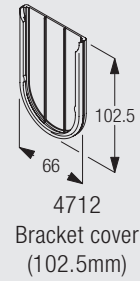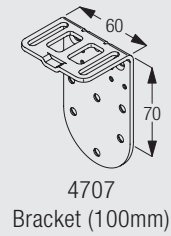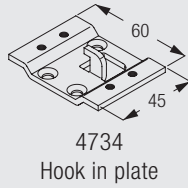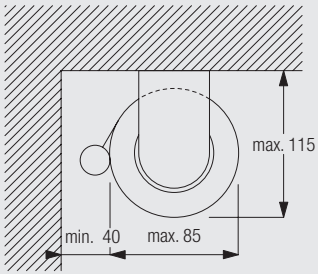### Hook-in installation plates

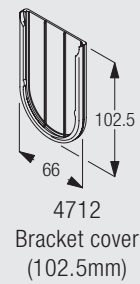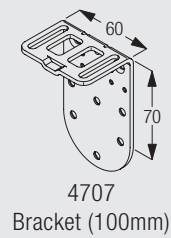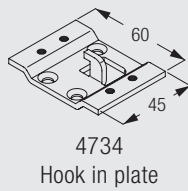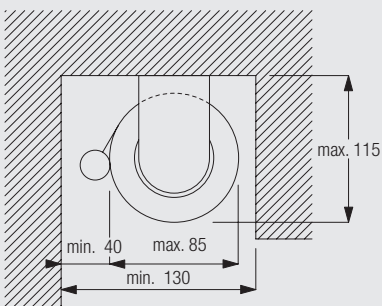The brackets can be laterally adjusted by up to 15mm.

Specially designed pre-fitted hook-in plates (A) take the weight of the blind during the final positioning (B) of the brackets.
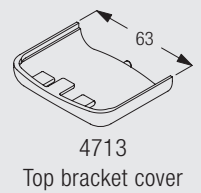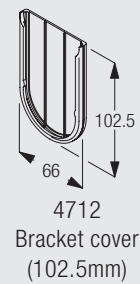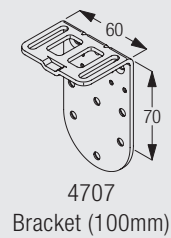
4870

Ceiling fix

max. 115

min. 40   max. 85

60
4734
Hook in plate
45

60
4707
Bracket (100mm)
70

102.5
66
4712
Bracket cover
(102.5mm)

63
4713
Top bracket cover

Recess fix

max. 115

min. 40   max. 85

min. 130

60
4734
Hook in plate
45

60
4707
Bracket (100mm)
70

102.5
66
4712
Bracket cover
(102.5mm)

63
4713
Top bracket cover

Wall fix

min. 10

max. 85

max. 115

60
4734
Hook in plate
45

60
4707
Bracket (100mm)
70

102.5
66
4712
Bracket cover
(102.5mm)

63
4713
Top bracket cover

4870
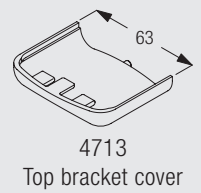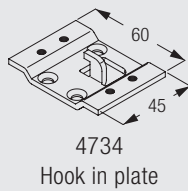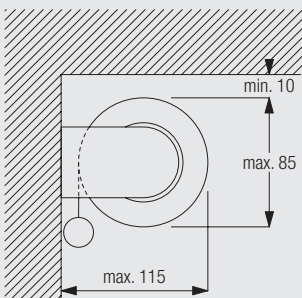
Ceiling fix with double brackets 4969 and 4971

max. 178

min. 30   max. 158

128
64
4969
Double Bracket
132

128
64
4971
Double Bracket
132
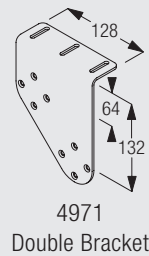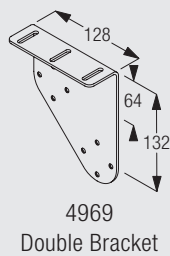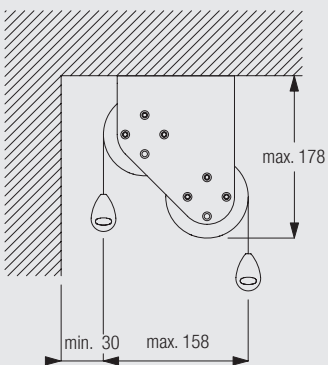
Recess fix with double brackets 4969 and 4971
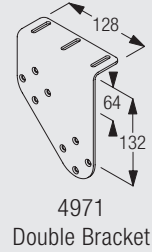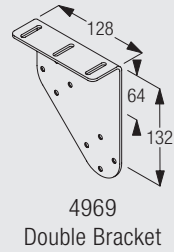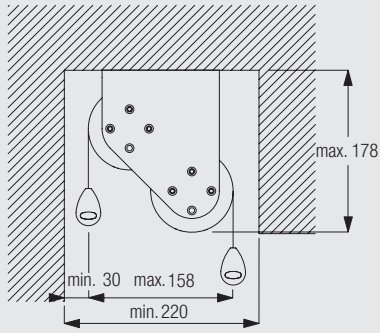
4969
Double Bracket

4971
Double Bracket

Wall fix with double brackets 4969 and 4971

4969
Double Bracket

4971
Double Bracket
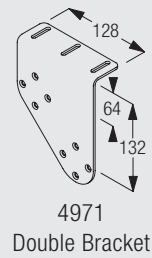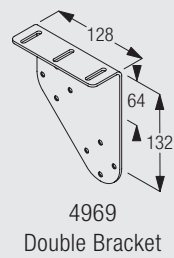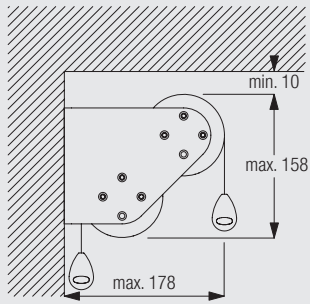
Standard Accessories

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	
10522	Motor 20-Series, 230V				
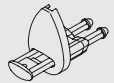
Optional Accessories
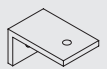
0578	Pattress box		0615	Latching switch inc. pattress box	
0997	Motor Test Lead		3036	Bracket (47mm)	
4702	Profile (fascia)		4708	Connection bracket double system (100mm wall fixing)	
4709	Connection bracket double system (100mm ceiling fixing)		4735	Holder (fascia)	

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4736	Cover left (fascia)	
4739	Seal (fascia)	
4748	Holder	
4969	Double Bracket	
5741	Klik plug	
10523	Motor 20-Series, 230V, radio receiver	

4738	Cover right (fascia)	
4744	Connection bracket cover	
4948	Wire rope (ø 1,5mm)	
4971	Double Bracket	
5742	Klik socket	

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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)

545
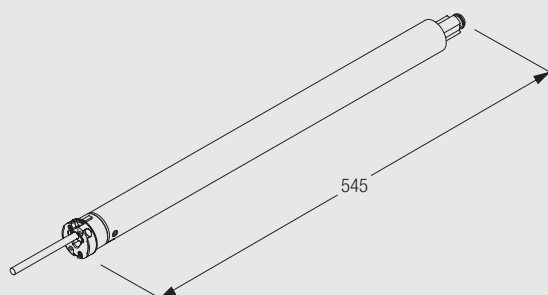
- Voltage: 230V AC
- Frequency of Receiver of Motors 10523: 915 MHz
- Torque: 3Nm
- Speed: 30rpm
- Frequency: 50Hz
- Power: 135W
- Current: 0.60A
- Thermal Overload Protection
- CE Standard
- Cable pluggable

Operating Methods

Operation via fixed switch with motor 10522
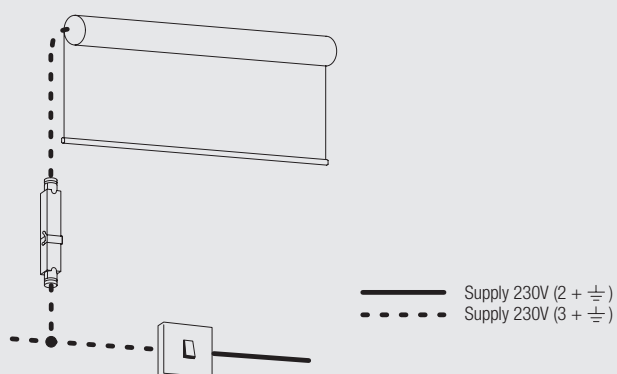
Supply 230V (2 + ⏚)
Supply 230V (3 + ⏚)

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.

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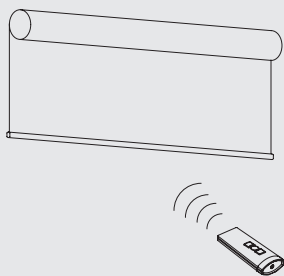
System can be combined with Radio Remote Control System Silent Gliss 9940 using motor 10523 (integrated receiver) or Radio Remote Control System 0450 using motor 10320 (non integrated receiver) with minimum wiring. For further details, please refer to catalogue section "Motors & Controls".

Wiring and Connections

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

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Electrically Operated Roller Blind System

Silent Gliss® 4880
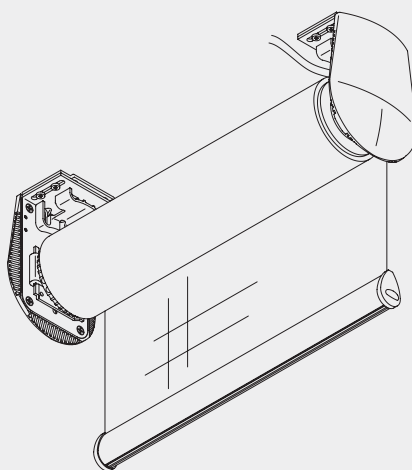
Product Information

- 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

Profile and Specification Information

Profile 4901 (80mm tube diameter)
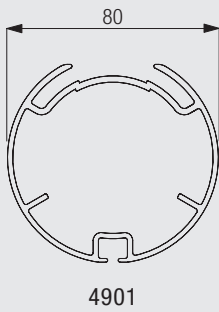
4901

Profile 4957 (110mm tube diameter)

4957

Specification Guide - download from www.silentgliss.co.uk (password required).

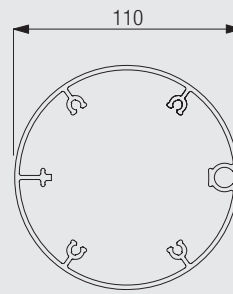Silent Gliss 4880 electrically operated roller blind system for very heavy duty applications. Assembled complete with anodised aluminium headrail and stainless steel bracket combination set 4944 incorporating hook on plates to take weight of blind during fitting. Fix to wall/ceiling/inside recess. Incorporating 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)
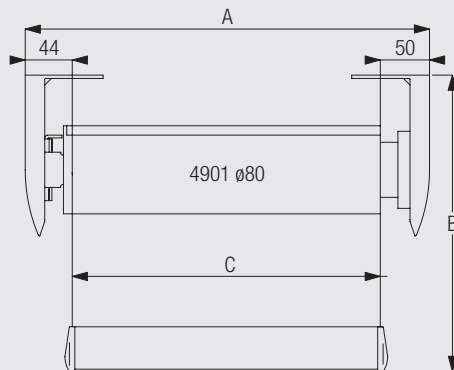
A: system width
B: system drop
C: fabric width

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.

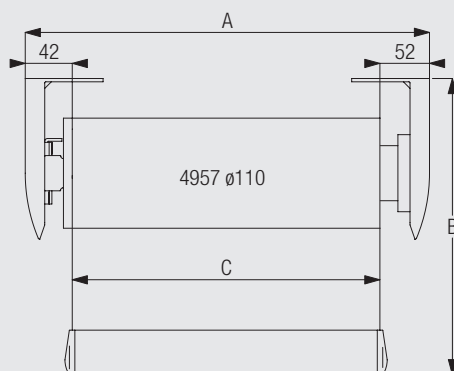### Measurement information with profile 4957 (110mm tube)

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.

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System Dimensions

max.	min.	max.	m² max.	kg max.
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
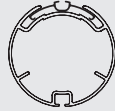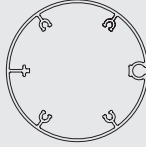
Maximum surface area chart

A →

B ↓

| B \ A	2 m	2.5 m	3 m	3.5 m	4 m	4.5 m	5 m
2 m	●	●	●	●	○	○	○
2.5 m	●	●	●	●	○	○	○
3 m	●	●	●	●	○	○	○
3.5 m	●	●	●	●	○	○	○
4 m	●	●	●	●	○	○	○
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 m²		
12 m	●	●	●				

● 4901 (ø 80 mm)

○ 4957 (ø 110 mm)

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).

4880

System Options
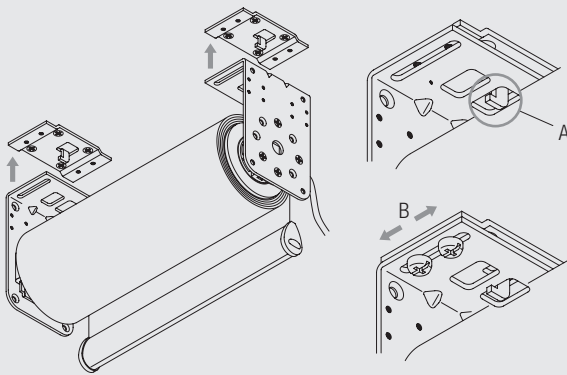
Side guides for stabilising blind systems and sloped applications (up to 15° incline)
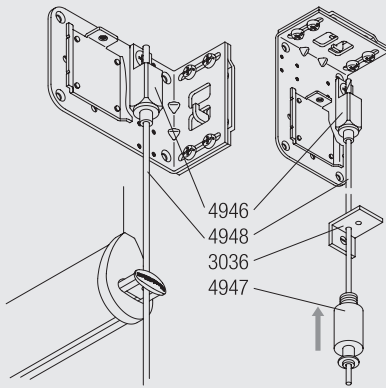
4946 Top fastener
4948 Wire rope (1.5mm)
3036 Bracket
4947 Bottom fastener

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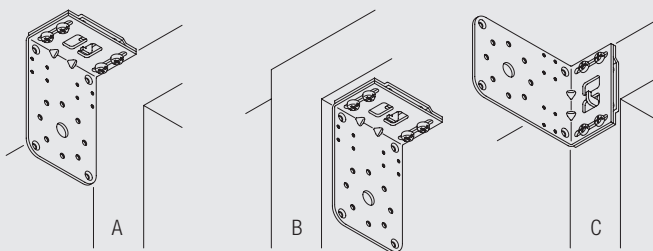
Hook-in Installation Plates

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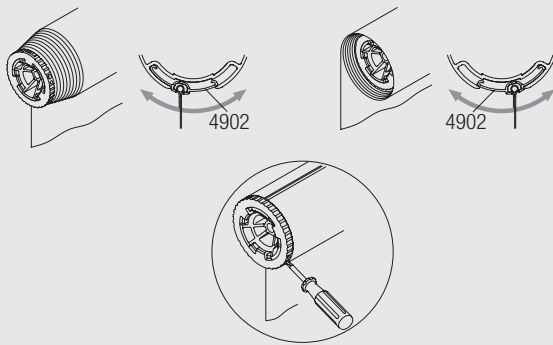
Fitting Information

4880

Bracket positioning and basic fitting features
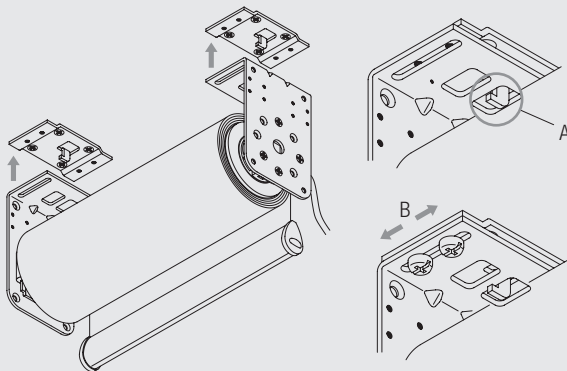
A: Ceiling fix
B: Recess fix
C: Wall fix

Silent Gliss Quick Twist (patented)

Adjustment feature for fabric rolling off adaptations.

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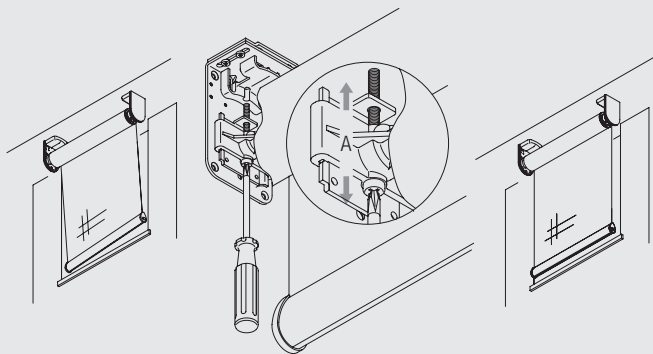
Hook-in installation plates

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

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

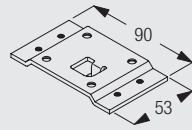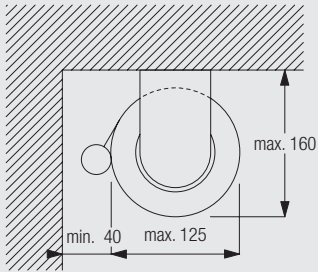## Adjustable stainless steel bracket set (for vertical adjustments)

4880

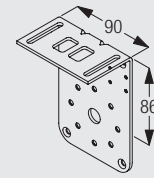Vertical adjustment of the system (A) allows the headtube to be levelled.

Ceiling fix (profile 4901; 80mm tube)

max. 160

min. 40   max. 125

4972
Plate

90

53

4904
Bracket (131mm)

90

86

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

Ceiling fix (profile 4957; 110mm tube)

max. 165

min. 40   max. 140

4972
Plate

90

53

4904
Bracket (131mm)

90

86

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

Recess fix (profile 4901; 80mm tube)

4880
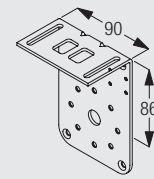
max. 160

min. 40   max. 125

min. 170

4972
Plate

90

53

4904
Bracket (131mm)

90

86

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

Recess fix (profile 4957; 110mm tube)

max. 165
min. 40   max. 140
min. 190

4972
Plate

90
53

90
86

4904
Bracket (131mm)

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

Wall fix (profile 4901; 80mm tube)

min. 10
max. 125
max. 160

4972
Plate

90
53
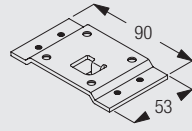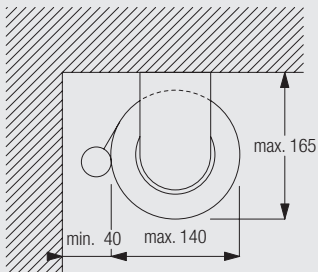
90
86

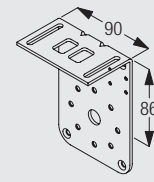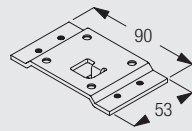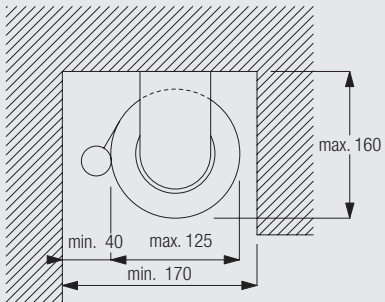4904
Bracket (131mm)

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

Wall fix (profile 4957; 110mm tube)

min. 10
max. 140
max. 165

4972
Plate

90
53

90
86

4904
Bracket (131mm)

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

4880
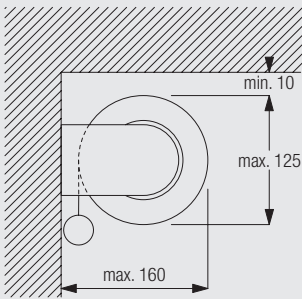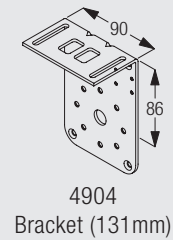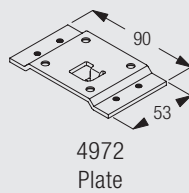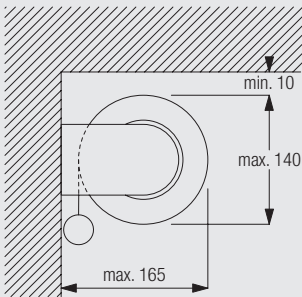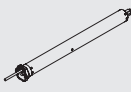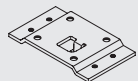
Standard Accessories

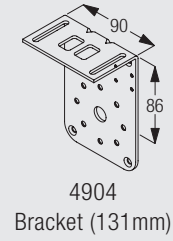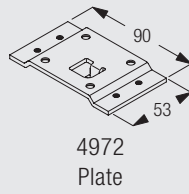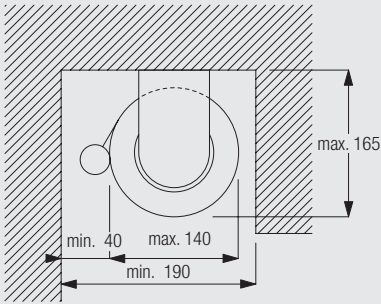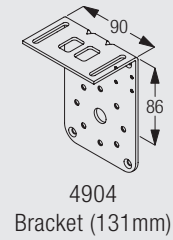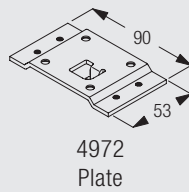| 0766 | In-line connector (complete/no lead) | | 4902 | Profile | |
| 4903 | Bottom bar | | 4914 | Bearing combination | |
| 4915 | Support | | 4939 | Shaft | |

4943	Acrylic rod (ø4mm)		4956	Bracket cover (146mm)
4957	Profile		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)
3133	Bracket cover (60mm)		3134	Extension bracket (60mm)
4946	Wire rope top fastener		4947	Wire rope bottom fastener
4948	Wire rope (ø 1,5mm)		4951	Gear Set
4972	Plate		5741	Klik plug
5742	Klik socket		10327	Motor 20-Series, 230V, radio receiver

4880

Overview Motors & Controls

Motor and Control Features	Motor
	10326, 10327

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

550
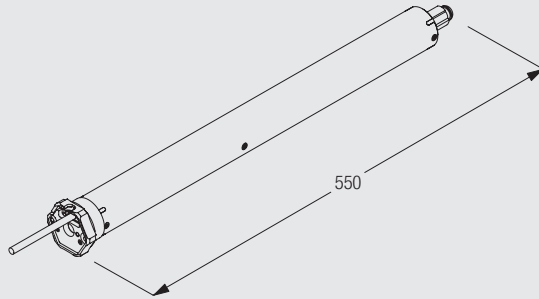
- Voltage: 230V
- Frequency of Receiver of Motors 10327: 915MHz
- Torque: 15Nm
- Speed: 23rpm
- Frequency: 50Hz
- Power: 215W
- Current: 0.95A
- Thermal overload protection
- CE Standard
- Cable pluggable

4880

Operating Methods

Operation via fixed switch with motor 10326
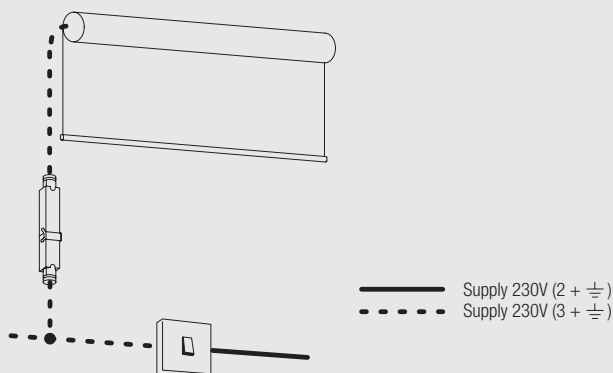
Supply 230V (2 + ⏚)
Supply 230V (3 + ⏚)

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

Radio Remote Control System Silent Gliss 9940 or 0450.
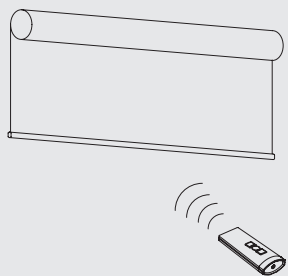
System can be combined with Radio Remote Control System Silent Gliss 9940 using motor 10327 (integrated receiver) or Radio Remote Control system 0450 using motor 10326 (non integrated reciever) with minimum wiring. For further details, please refer to catalogue section "Motors & Controls".

Wiring and Connections

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

Battery Operated Roller Blind System

Silent Gliss® 4955
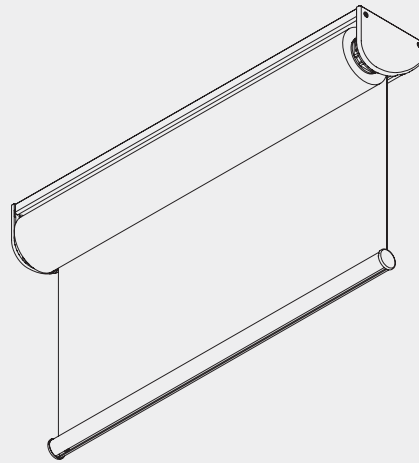
Product Information

- Elegant battery operated, radio controlled roller blind system for contract and residential applications.
- Battery pack concealed in fascia profile. Batteries are easily exchanged.
- Long lasting battery life, up to three years (depending on usage, system size, fabric and battery type, room temperature)
- Easy wall, ceiling or recess fixed.
- Choice of bottom bar designs.
- Supplied complete with motor, ready assembled, made-to-measure with fabric.
- Compliant with Child Safety Legislation (EN13120)

Profile and Bending Information

41

Cannot be bent

10532

92

53.2

Cannot be bent
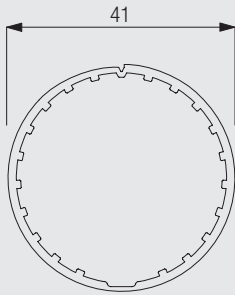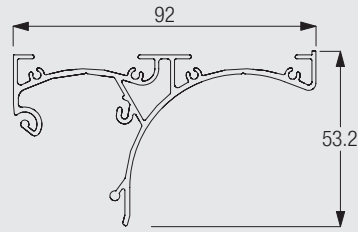
11081

Specification Guide - download from the Silent Gliss Website (password required) www.silentgliss.co.uk
Battery operated roller blind system 4955. Assembled complete with anodised aluminium headrails 10532/11081. Bottom bar 4221 / 10633 / 10634. Battery motor 11076 controlled by radio wall switch 10949 as standard. Other control options are wall switches 10950/10951 and radio remote handsets 10946/10947/10948.

How to Measure

Measurement information

A

14   17

C

B
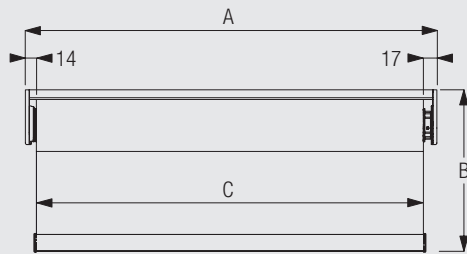
A: System width
B: System drop
C: Fabric width

4955

System Dimensions

max.
2.4m

min.
60 cm

max.
4m

kg
max.
2.5kg
(incl. bottom weight)

Maximum system drop

Fabric thickness	mm	0.15	0.20	0.25	0.30	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.80
Max. system drop	cm	400	400	400	400	400	400	390	350	320	290	270	250	230	220

Please note: The max. system width/drop also depends on the fabric type.

System Features

Radio hand-held and wall controls
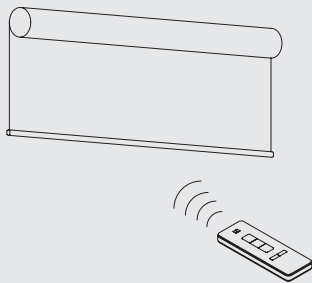
The motor SG 11076 features an integrated radio receiver. Combined with radio remote controls and wall switches, this system offers maximum comfort without wiring.

Note: The blind is supplied as standard with a WALL SWITCH, hand held remote controls can be purchased separately, see Optional Accessories.

Battery exchange

A

B

8x

11077

C

D

4955
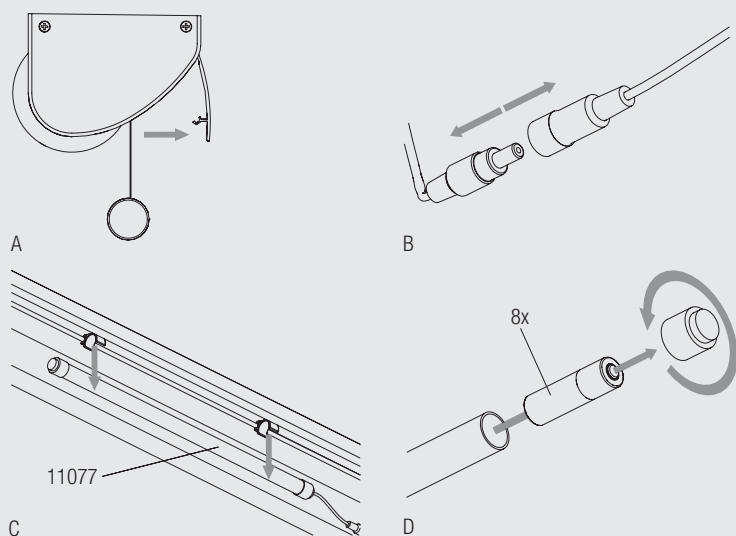
Fitting Options

Ceiling fitting with clamps 3044

min. 35

max. 76

max. 105

58
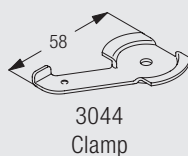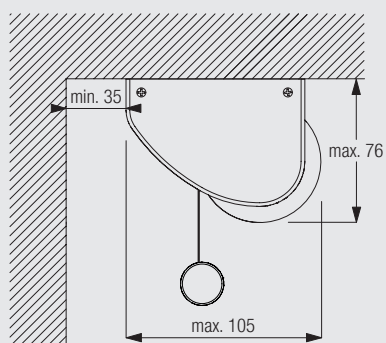
3044
Clamp

All these measures are based on the maximum system dimensions.

Ceiling fitting with direct mounting
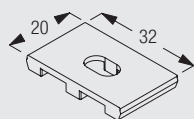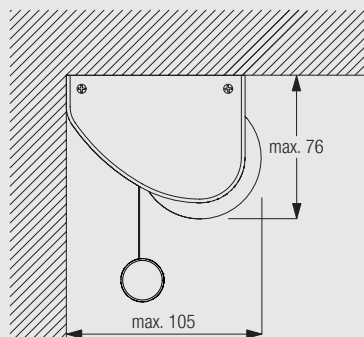
max. 76

max. 105

11086
Installation support
plate

All these measures are based on the maximum system dimensions.

Wall fitting with clamps 3044
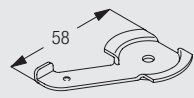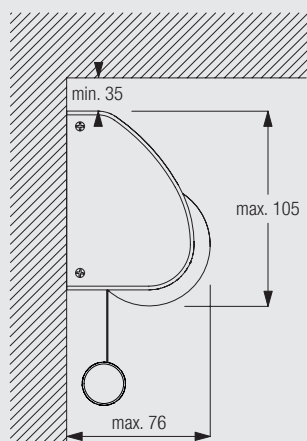
min. 35

max. 105

max. 76

58

3044
Clamp

4955

All these measures are based on the maximum system dimensions.

Wall fitting with direct mounting
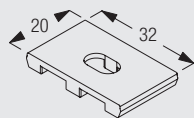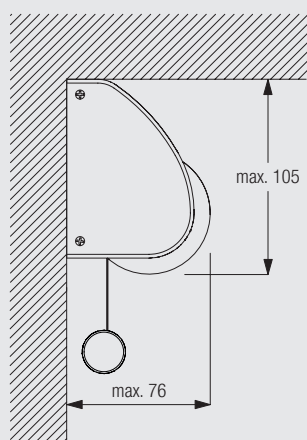
max. 105

max. 76

20   32

11086
Installation support
plate

All these measures are based on the maximum system dimensions.

Recess fitting with clamps 3044
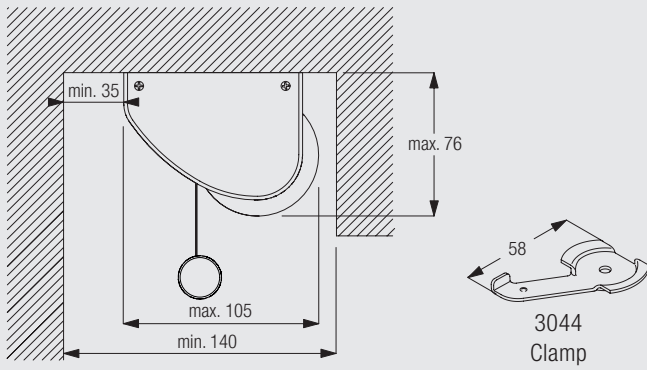
min. 35
max. 76
max. 105
min. 140

58

3044
Clamp

All these measures are based on the maximum system dimensions.

Recess fitting with direct mounting

max. 76
max. 105
min. 110

20   32

11086
Installation support plate
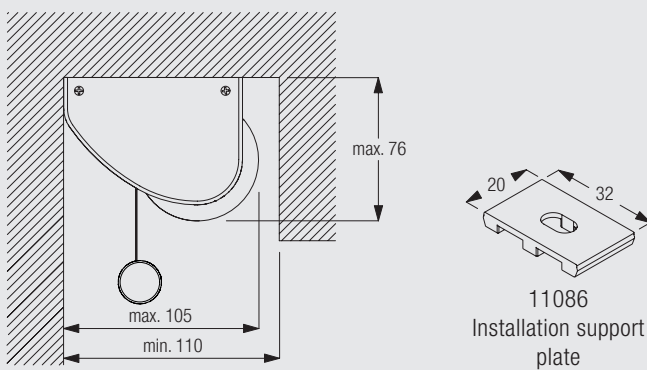
All these measures are based on the maximum system dimensions.

Standard Accessories

3044	Clamp		4221	Bottom bar	
10532	Profile		10543	Support bracket click side	
10544	Support bracket drive side (24V DC motor)		10639	End cover round	
10949	Radio wall transmitter, 1 channel		11076	Motor, 1.2 Nm	
11077	Battery box		11081	Profile	
11082	Profile cover		11083	Cover right	
11084	Cover left		11085	Battery box holder	

11099	Alkaline AA battery
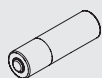
Optional Accessories

10633	Bottom bar rectangle		10634	Bottom bar oval
10635	End cover rectangle		10637	End cover oval
10946	Radio hand-held transmitter, 1 channel		10947	Radio hand-held transmitter, 2+1 channel
10948	Radio hand-held transmitter, 6+1 channel		10950	Radio wall transmitter, 2 channel
10951	Radio wall transmitter, 5+1 channel		11086	Installation support plate
11092	Single Channel Timer (Radio)		11093	Multi-Channel Radio Control Timer

Motor & Controls

Motor Silent Gliss 11076

4955

295
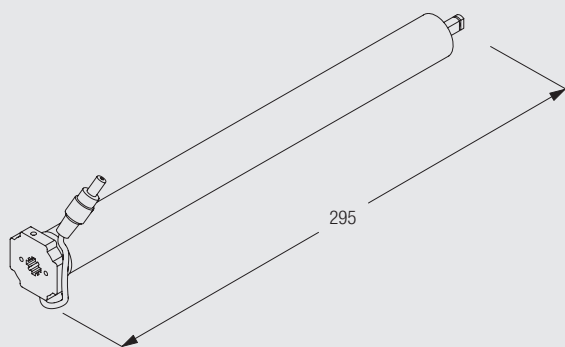
- Voltage: DC 12 V
- Torque: 1.2 Nm
- Speed: 30 rpm
- Power: 6.6 W
- Current: 550 mA

Operation Methods

Radio hand-held and wall controls
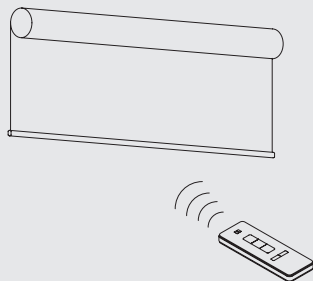
The motor SG 11076 features an integrated radio receiver. Combined with radio remote controls and wall switches, this system offers maximum comfort without wiring.

Note: The blind is supplied as standard with a WALL SWITCH, hand held remote controls can be purchased separately, see Optional Accessories.

Motorised Roller Blind System

Silent Gliss® 4960
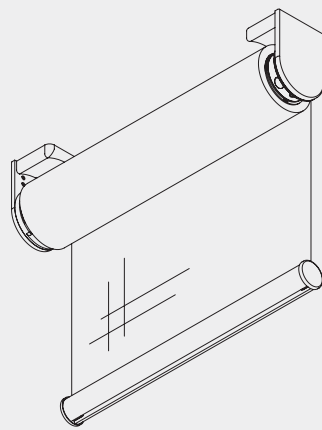
Product Information

- Medium duty motorised roller blind system for contract and residential applications
- Fixed switch or optional radio remote control
- The system can be used as a single or connected double system with one motor
- Progressive limit switch unit for easy setting and consistent positioning
- Easy ceiling, wall or recess fix
- Optional continuous installation profile with click in brackets for fast fixing on site
- Side-by-side/double version with centre support bracket and minimal light gap
- Side guide option available
- Choice of bottom bar designs
- Optional metal design brackets with or without continuous headrail
- Quiet and fast mains powered motor
- Optional 24V DC motor available
- Can be combined with Radio Remote Control System Silent Gliss 9940/0450

4960

Profile and Specification Information
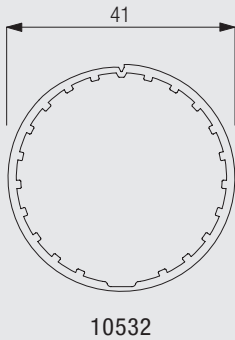
41

10532

Specification Guide - download from the Silent Gliss Website (password required) www.silentgliss.co.uk
Electrically operated roller blind system 4960. Assembled complete with anodised aluminium headrail and 10542/10543 bracket set for wall or ceiling fixing. White bracket covers 10574 and 10575 supplied as standard. Double (connected) system option using bracket 10626 or side-by-side (unconnected) system using intermediate cover 10632. White/silver aluminium bottom weight bar 4221 with endcovers 10639 as standard (other shape options available). Powered by 230V 50Hz double insulated motor situated left side incorporating a progressive limit switch unit (24V DC motor option also available). Provided with in-line connector 0766 as standard.
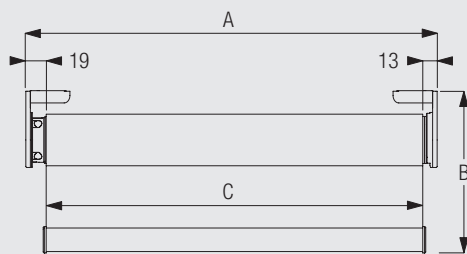
How to Measure

Single system

A
19   13
C
B

A: system width (inside recess includes bracket covers)
B: system drop
C: fabric width

Please note:
- OUTSIDE recess does not include bracket covers, please add 4mm.
- measurements differ when side-guide option is used.

4960

Double (connected) systems (only possible with 230V motors) - not available with design bracket option

A 1   A 2
22   13
C 1   C 2
B
24

A: system width (inside recess includes bracket covers)
B: system drop
C: fabric width

Please note:
- OUTSIDE recess does not include bracket covers, please add 4mm.
- measurements differ when side-guide option is used.

Side-by-side systems (unconnected)

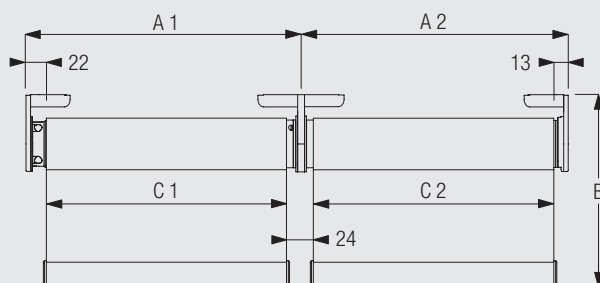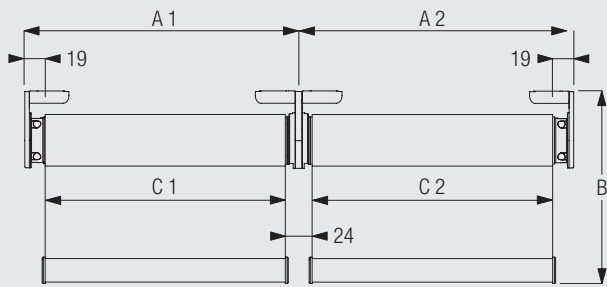A: system width (inside recess includes bracket covers)
B: system drop
C: fabric width

Please note:
- OUTSIDE recess does not include bracket covers, please add 4mm.
- measurements differ when side-guide option is used.

System Dimensions

| |max.| | |min.| | | max. | | m² max. | | kg max. |

Single system: 2.4m
Double System (connected) with 230V motor only: 4.8m

Motor 230V: 61cm
Motor 24V DC 50cm

4m

Single system: 9.6m²
Double system 19.2m²

5.5kg

Maximum system width to drop ratio should not exceed 3.5:1

Please note: maximum system width/drop also depends on the fabric type.

Maximum system drop

Wall fitting:

Fabric thickness	mm	0.15	0.20	0.25	0.30	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.80
Max. system drop	cm	400	400	400	400	400	400	390	350	320	290	270	250	230	220

Ceiling fitting:

Fabric thickness	mm	0.15	0.20	0.25	0.30	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.80
Max. system drop	cm	400	400	400	400	400	400	400	400	400	380	350	330	300	280

To obtain fabric thickness information for a specific Silent Gliss fabric, please refer to the Silent Gliss fabric binder or contact Silent Gliss.

4960

System Options

Double (connected) systems with centre support brackets 10626 (only possible with 230V motors)
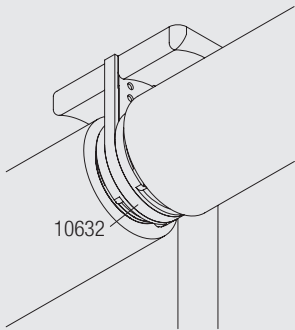

10626
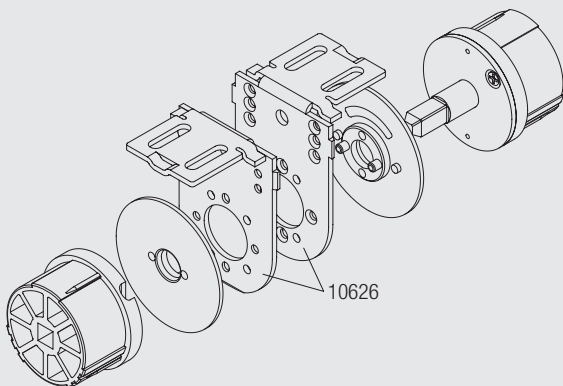
The optional centre support bracket allows two connected systems to be powered by one motor. It can also be combined with continuous installation profile for easy on-site fixing.
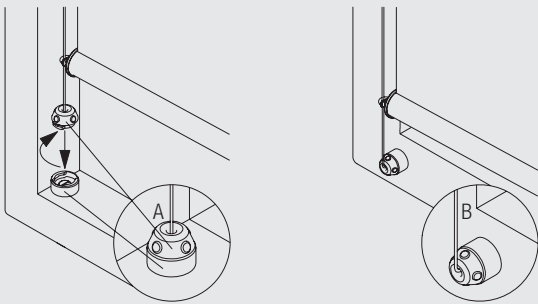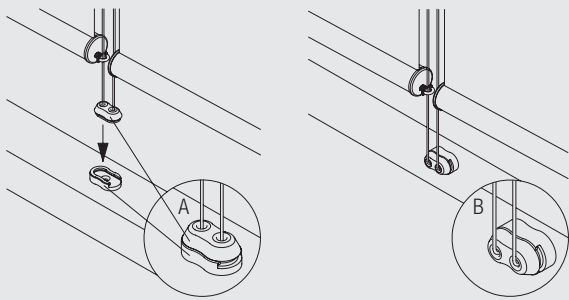
Side-by-side systems (unconnected)

10632 Intermediate cover

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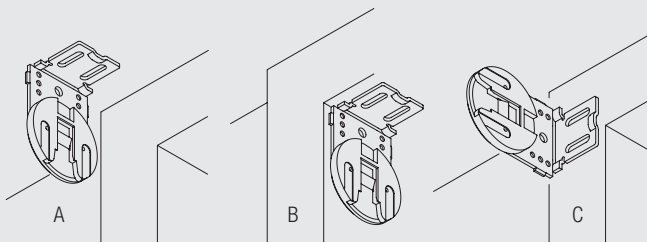
Single system

Double system

A: Fitting of side guides inside window frame
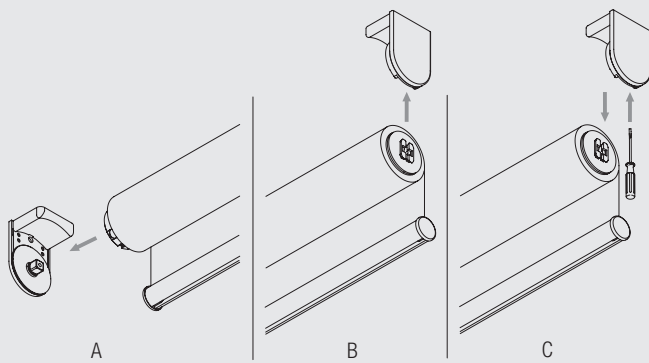B: Fitting of side guides to front of window frame

4960

## Fitting Information

Positioning of system

A: Ceiling Fixing
B: Recess Fixing
C: Wall Fixing

Easy loading and removal of the blind

A: Insert roller blind into support bracket (drive side)
B: Click roller blind into support bracket (click side)
C: Use small screwdriver to remove roller blind

A   B   C

Alternative fixing with continuous installation profile (optional)

10539   3044
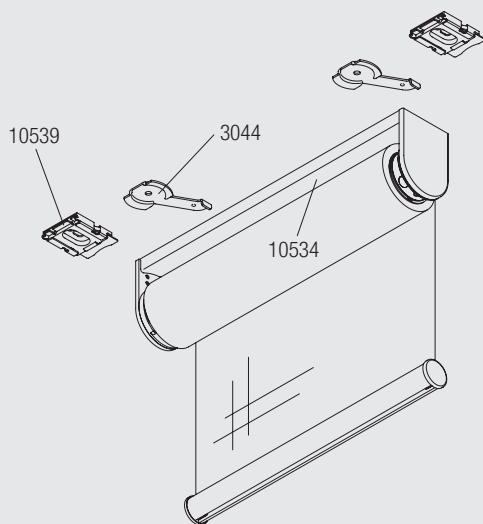
10534

System is pre-mounted on continuous installation profile 10534 for fast fitting on site. Just mount the system with pre-fixed clamps 3044 or click brackets 10539.

Please note: click brackets 10539 cannot be used with double (connected) systems.

4960

CAD download available from www.silentgliss.co.uk (password required)

Ceiling fix with brackets

max. 80

max. 70

46

43

10542
Support bracket drive side

46

43

10543
Support bracket click side

48

67

10574
Cover

44

35

10575
Cover

All measurements are based on the maximum system dimensions.

Ceiling fix with optional installation profile and clamps 3044

min. 35

max. 80

max. 70

58

3044
Clamp

44

12

10534
Profile

46

43

10542
Support bracket drive
side

46

43

10543
Support bracket click
side

48

67

10574
Cover

All measurements are based on the maximum system dimensions.

Ceiling fix with optional installation profile and click bracket 10539

max. 80

max. 70

45

35

7

10539
Click bracket

44

12

10534
Profile

46

43

10542
Support bracket drive
side

46

43

10543
Support bracket click
side

48

67

10574
Cover

4960

All measurements are based on the maximum system dimensions.

Please note: this fitting option is not possible with double (connected) systems.

Wall fix with brackets

max. 70

max. 80

10542
Support bracket drive side

46

43

10543
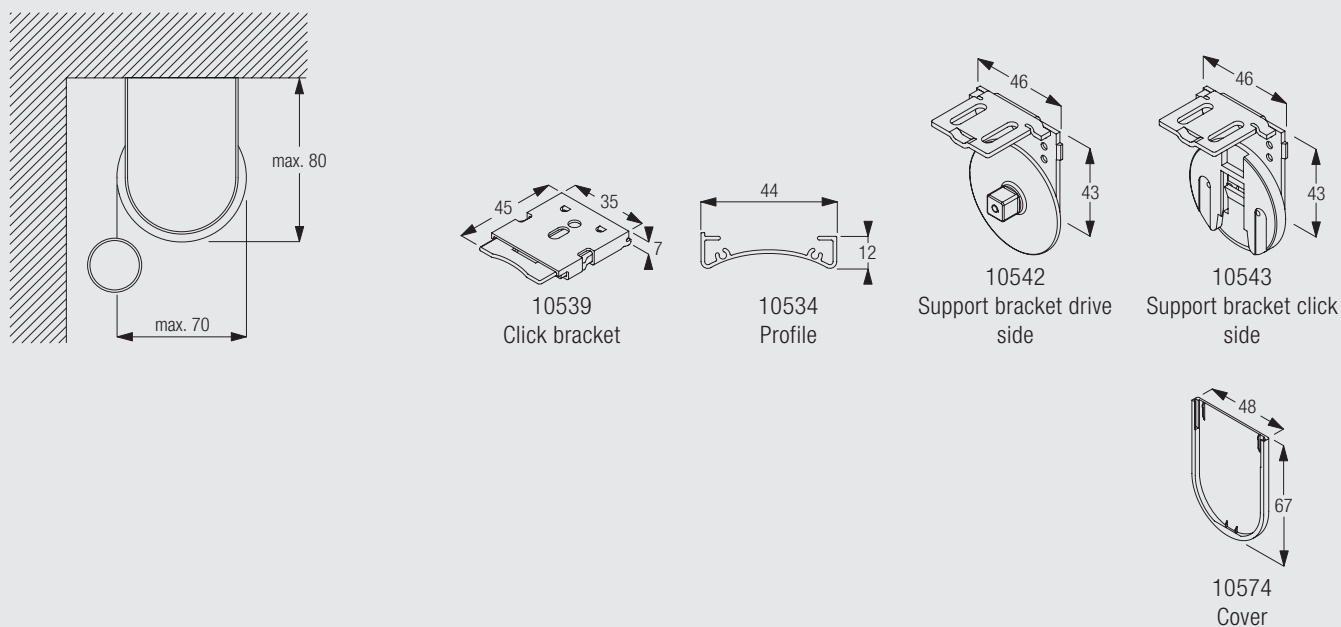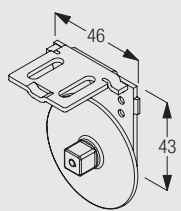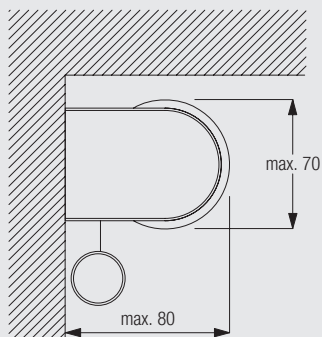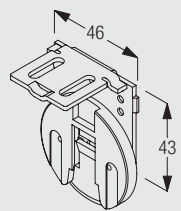Support bracket click side

46

43

10574
Cover

48

67

10575
Cover

44

35

All measurements are based on the maximum system dimensions.

Wall fix with optional installation profile and clamps 3044

min. 35

max. 70

max. 80

3044
Clamp

58

10534
Profile

44

12

10542
Support bracket drive side

46

43

10543
Support bracket click side

46

43

10574
Cover

48

67

4960

All measurements are based on the maximum system dimensions.

Wall fix with optional installation profile and click bracket 10539

min. 10
max. 70
max. 80

10539

45 | 35 | 7
10539
Click bracket

44 | 12
10534
Profile

46 | 43
10542
Support bracket drive side

46 | 43
10543
Support bracket click side

48 | 67
10574
Cover

All measurements are based on the maximum system dimensions.

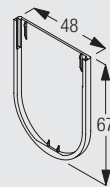Please note: this fitting option is not possible with double (connected) systems.
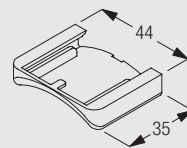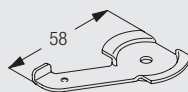
Recess fix with brackets

max. 80
max. 70
min. 100

46 | 43
10542
Support bracket drive side

46 | 43
10543
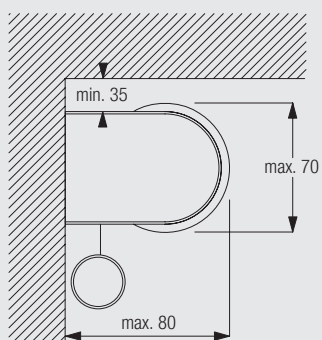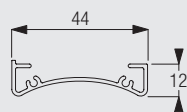Support bracket click side

48 | 67
10574
Cover

44 | 35
10575
Cover

All measurements are based on the maximum system dimensions.

Recess fix with optional installation profile and clamps 3044

min. 35

max. 80
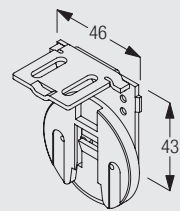
max. 70

min. 120

58

3044
Clamp

44

12

10534
Profile

46

43
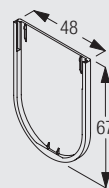
10542
Support bracket drive side
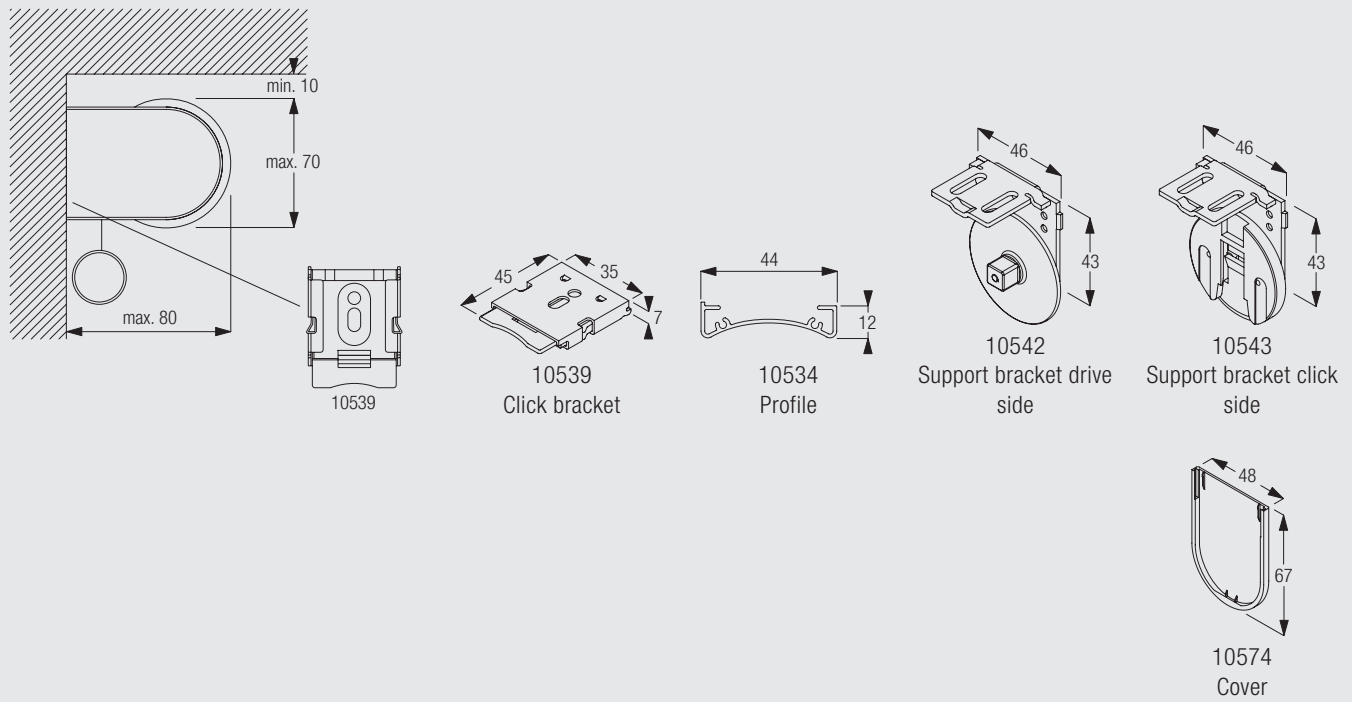
46

43

10543
Support bracket click side

48

67

10574
Cover

All measurements are based on the maximum system dimensions.

Recess fix with optional installation profile and click bracket 10539

max. 80

min. 10

max. 70

min. 100

45 35

7

10539
Click bracket

44

12

10534
Profile

46

43

10542
Support bracket drive side

46

43

10543
Support bracket click side

4960

48

67

10574
Cover
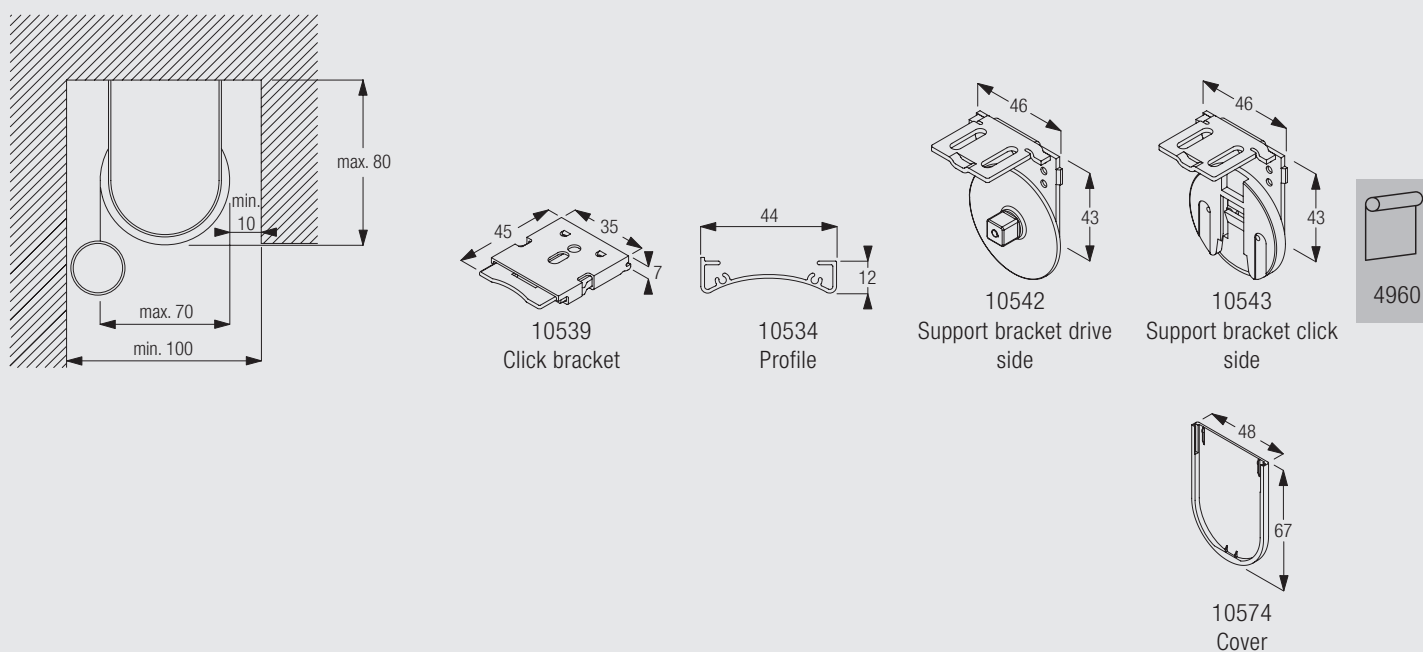
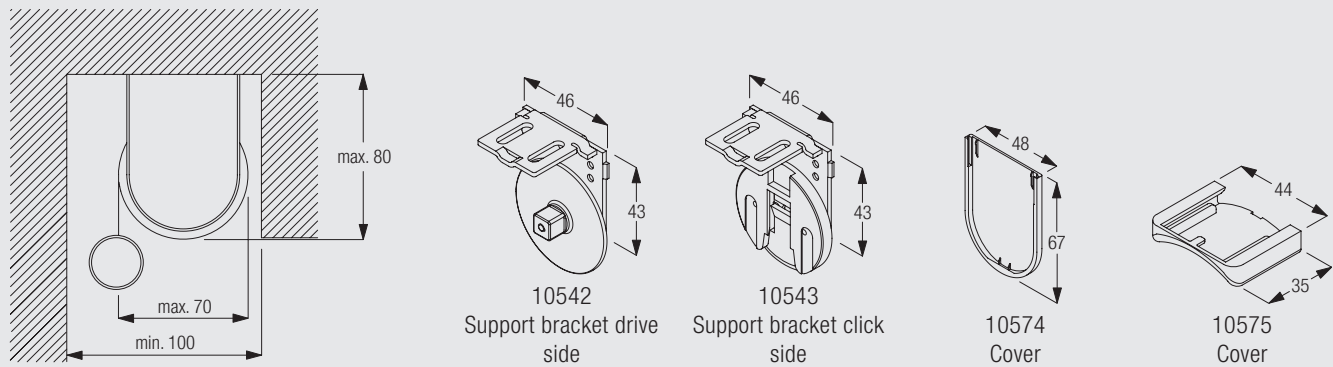All measurements are based on the maximum system dimensions.

Please note: this fitting option is not possible with double (connected) systems.
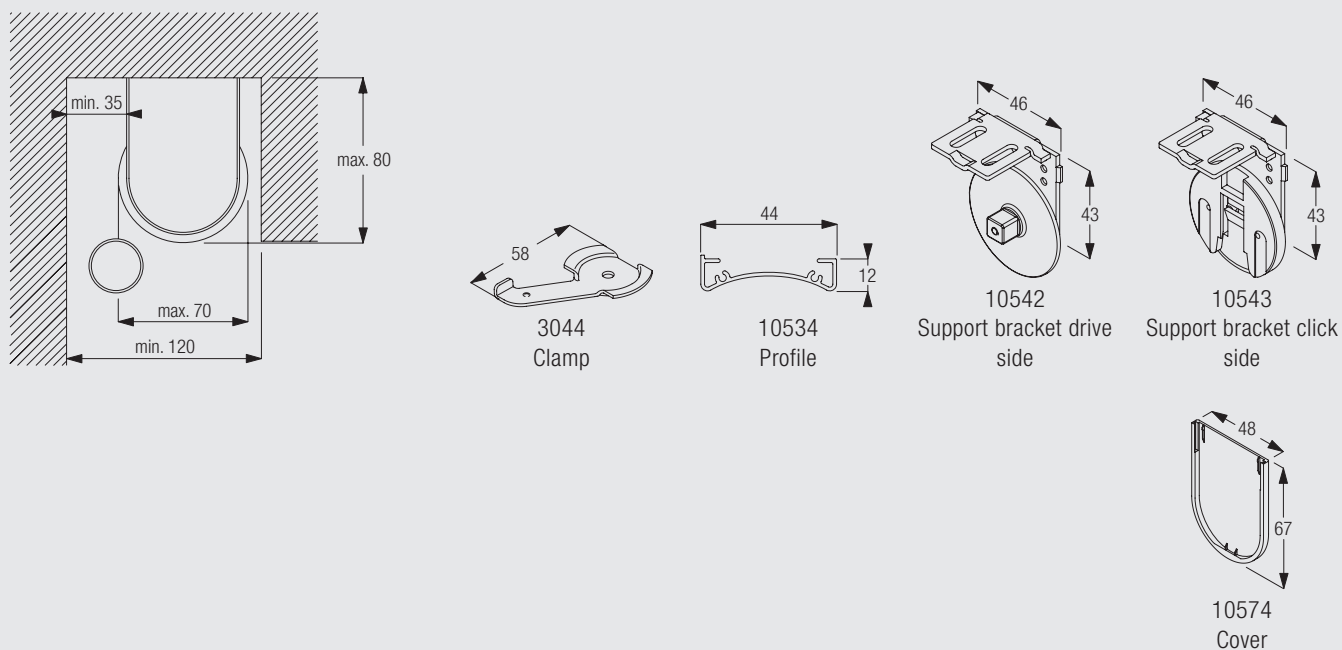
Fitting with side guide option

16
13

16
16

16
10
8236
Wire base long
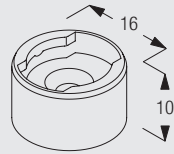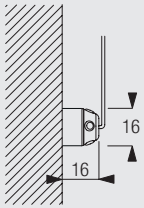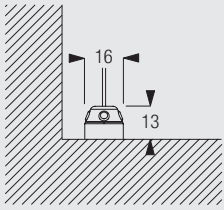
15
8237
Wire holder

Fitting with side guide option (connected and side-by-side installations)
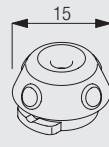

29
13

16

17
29

17
10
29
10669
Double base long
(side guide)
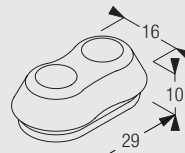
16
10
29
10701
Double wire holder
(side guide)

4960

Standard Accessories

0766	In-line connector (complete/no lead)		4221	Bottom bar	
10320	Motor 20-Series, 230V		10532	Profile	
10542	Support bracket drive side		10543	Support bracket click side	
10574	Cover		10575	Cover	
10639	End cover round				
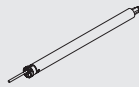
Optional Accessories
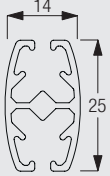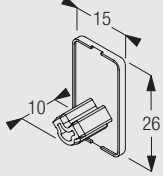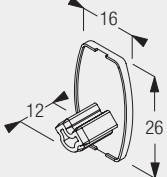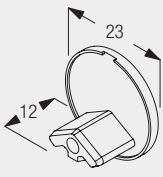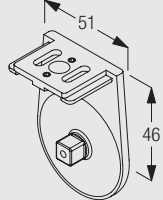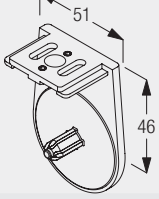
0578	Pattress box		0615	Latching switch inc. pattress box	

0997	Motor Test Lead	
8235	Wire base short	
8237	Wire holder	
10321	Motor 20-Series, 230V, radio receiver	
10534	Profile	
10539	Click bracket	
10626	Intermediate bracket stainless steel	
10628	Adapter for intermediate connector	
10633	Bottom bar rectangle	
10635	End cover rectangle	
10637	End cover oval	
10640	End cover round (side guide)	
10642	Wire holder (side guide)	
10651	Intermediate flange with ring	
10673	Double base short (side guide)	
10703	Design bracket click side	
10705	Design bracket drive side (24V DC motor)	

3044	Clamp	
8236	Wire base long	
8249	Locking ring	
10387	Cover for metal bracket	
10535	Design end cover round (metal)	
10544	Support bracket drive side (24V DC motor)	
10627	Intermediate flange	
10632	Intermediate cover	
10634	Bottom bar oval	
10636	End cover rectangle (side guide)	
10638	End cover oval (side guide)	
10641	Eyelet (side guide)	
10643	Wire ø 1.3mm x 4.2m (side guide)	
10669	Double base long (side guide)	
10701	Double wire holder (side guide)	
10704	Design bracket drive side	
10706	Wire ø 1.3mm x 2.6m (side guide)	

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Useful Measurements

4221	Bottom bar	21
10633	Bottom bar rectangle	13 / 25
10634	Bottom bar oval	14 / 25
10635	End cover rectangle	15 / 10 / 26
10637	End cover oval	16 / 12 / 26
10639	End cover round	23 / 12
10703	Design bracket click side	51 / 46
10704	Design bracket drive side	51 / 46
10705	Design bracket drive side (24V DC motor)	51 / 46

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Overview Motors & Controls

| Motor and Control Features	Motor
	10320, 10321

Motor Features	
Electronic end-stop programming with Silent Gliss transmitters or motor test 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	●
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	●

Motors Silent Gliss 10320 / 10321 (230V)

545
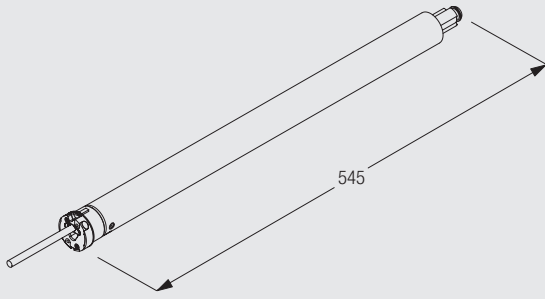
- Voltage: 230V
- Frequency of receiver of Motors 10321: 915MHz
- Torque: 1.5Nm
- Speed: 70rpm
- Frequency: 50Hz
- Power: 135W
- Current: 0.60A
- Thermal overload protection
- CE Standard
- Cable pluggable

Operating Methods

Operation via fixed switch with motor 10320


Supply 230V (2 + ⏚)
Supply 230V (3 + ⏚)
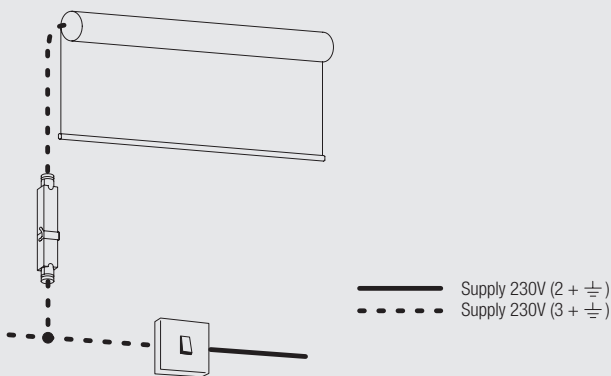
Up to 10 motors can be wired in parallel, cumulative total load to be 25% below the switch/fuse rating.

When using the fixed switch control for multiple blinds, when operating the blinds 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 Remote Control System 0450 with individual and simultaneous switching.

Operation with Radio Remote Control System 9940 or 0450
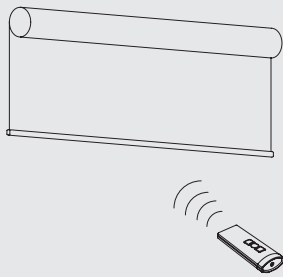
4960

System 4960 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".

Important: Wiring diagrams are available on the Silent Gliss website (password required) www.silentgliss.co.uk.
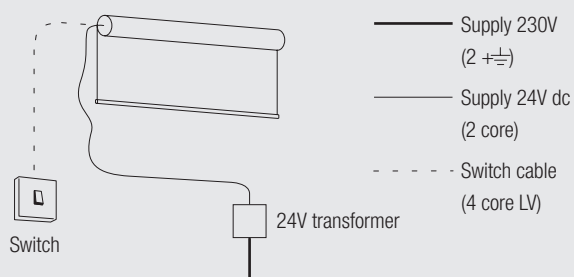
Motor Silent Gliss 24V DC (optional motor for volt free contact switching)

405
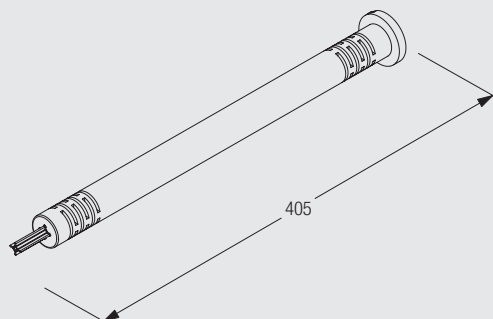
- Voltage: 24V DC
- Torque: 2Nm
- Speed: 28rpm
- Current: 0.75A

Operating Methods

Operation via fixed switch with motor 4960LV

Switch

24V transformer

——————— Supply 230V
(2 + ⏚)

——————— Supply 24V dc
(2 core)

- - - - - Switch cable
(4 core LV)

Individual operation by volt free contact switch.

Wiring and connections

Important: Wiring diagrams are available on the Silent Gliss website (www.silentgliss.co.uk).

Note: For system integration with external controls please contact Silent Gliss for details.

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