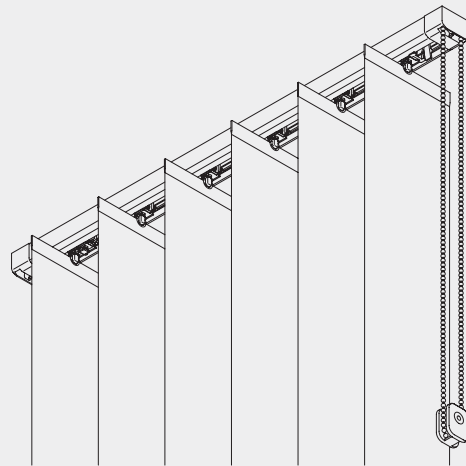


# Vertical Blind Systems



## Hand Operated Vertical Blind System

# Silent Gliss® 2810



### Product Information

- Mono controlled chain operated vertical blind system for domestic and contract applications
- One of the slimmest vertical blind headrails on the market
- Facility to move end stops for easy access to window (for cleaning)
- Quick repair of broken louvres
- Easy change from left to right hand chain without disassembling system
- Standard colours: anodised aluminium or white powder coated
- Varied stacking arrangements - single, pair, multiple or asymmetric
- Louvre widths 89mm or 127mm
- Easy snapping on and off of the louvres
- Automatic override to protect rotation elements
- Maximum length of system is up to 5m (127mm) or 3.8m (89mm)
- Ceiling fix is recommended, but the system can also be wall fixed
- Recess fixing possible
- Wide and attractive fabric offer for louvres
- Made to measure
- Available with / without bottom link cords
- Vertical Waves option available
- Optional integral Child Safety Device



2810

## Profile, Bending and Specification Information

### Main profile



2601



Cannot be bent

### Recess profile for suspended ceilings



2614



Cannot be bent

### Recess profile



2615



Cannot be bent

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

Silent Gliss 2810 mono controlled vertical blind system complete with extruded aluminium headrail. Finished in aluminium powder coated white/ silver anodised. System assembled complete with endless mono control chain and rotation elements to suit 127mm/89mm louvre width. Fabric to be chosen from Silent Gliss price group 1/2/3. Track top fixed with clamp 2616 at 30cm centres plus 1/face fixed with bracket 2616/3134-9 at 30cm centres plus 1. ....off.....overall length .....overall drop.

## How to Measure

For guidance on measuring, please complete a Silent Gliss measure sheet, available from head office or [www.silentgliss.co.uk](http://www.silentgliss.co.uk) (password required).

## System Dimensions



2810



5m (127mm)  
3.8m (89mm)



40cm  
(single stack)



200g per louvre  
(incl. bottom weight)



4m

## Stack Sizes (each stack)

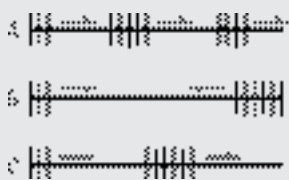
mm	Diagram	max. (cm)										
		80	100	120	140	160	180	200	220	240	260	280
127		25	27	30	33	36	39	42	45	48	51	54
		19	21	22	24	25	27	28	30	31	33	34
89		26	29	33	38	41	45	50	53	57	62	65
		18	20	21	24	26	27	30	32	33	36	38

mm	Diagram	max. (cm)										
		300	320	340	360	380	400	420	440	460	480	500
127		57	60	63	66	69	72	75	78	81	84	87
		36	37	38	40	41	43	44	46	47	49	50
89		69	74	77	81	86						
		39	42	44	45	48						

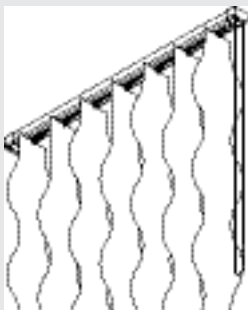
The stack sizes above don't apply for the system option Vertical Waves. Please contact Silent Gliss for further information.

## Stacking Variations / System Options



- A: 3 stacks in 1 direction (can also be asymmetric)
- B: Pair stack, asymmetrical
- C: Asymmetrical in 1 direction
- D: Pair stack, equal
- E: Single stack
- F: Centre stack

## Vertical Waves

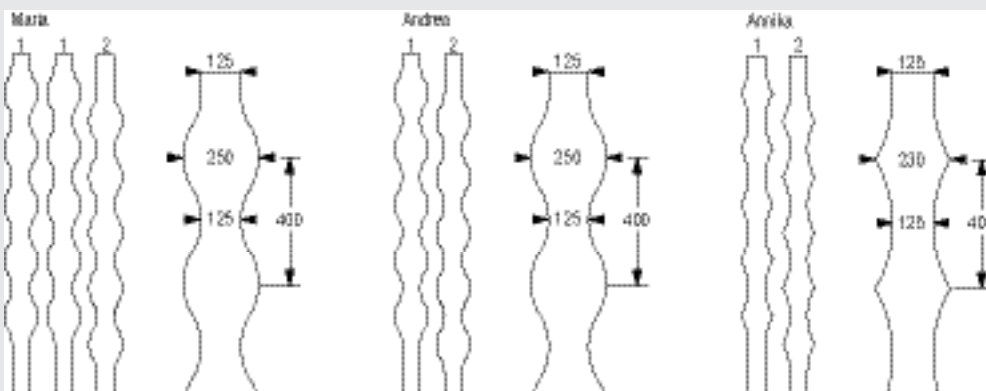


2810

The system can be optionally equipped with the system option Vertical Waves.

NOTE: Sloping Systems are not an option for System 2810

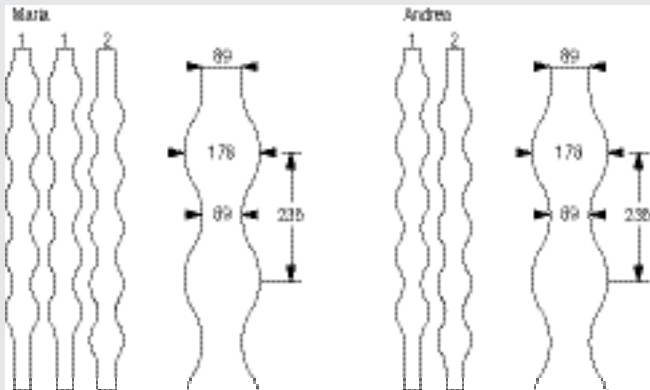
## Vertical Wave louvres 127 mm



Three exceptional designs, Maria, Andrea and Annika, are available.

Minimum drop: 104cm

### Vertical Wave louvres 89 mm



Two exceptional designs, Maria and Andrea, are available.

Minimum drop: 110cm

## Fitting Information

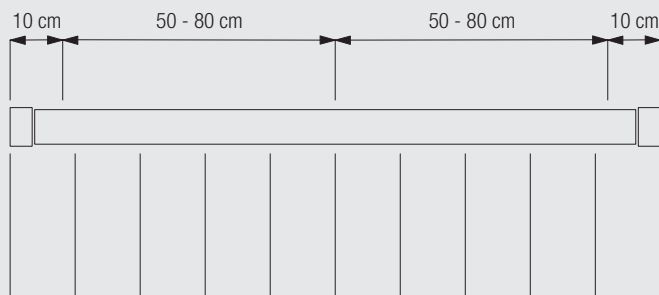
### WARNING

Young children can be strangled by loops in pullcords, chains, tapes and inner cords that operate the product. To avoid strangulation and entanglement, keep cords out of the reach of young children. Cords may become wrapped around a child's neck. Move beds, cots and furniture away from window covering cords. Do not tie cords together. Make sure cords do not twist to create a loop.

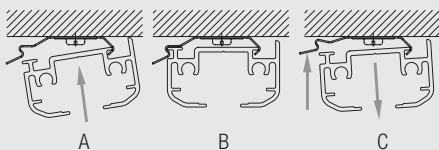
### Bracket positioning



2810

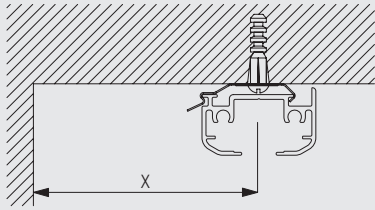


### Click-in bracket 2616

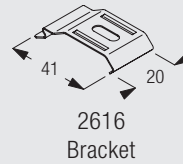


- A: Hook in profile from the front
- B: Push upwards profile until it clicks in
- C: Push lever for removal.

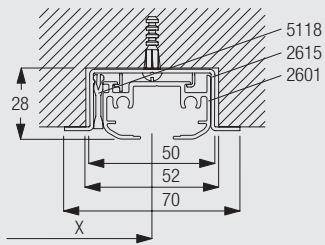
Ceiling fix with bracket 2616



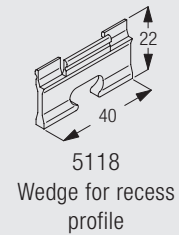
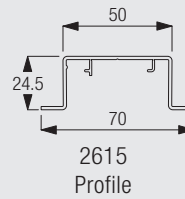
	X (mm)
Louvres	
89mm	65
127mm	85



Recess fix with recess profile 2615

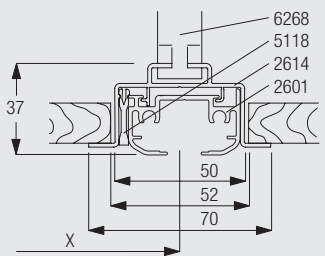


	X (mm)
Louvres	
89mm	65
127mm	85

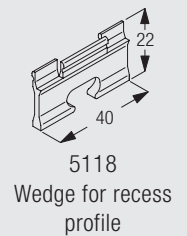
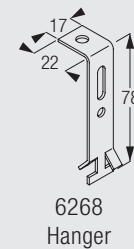
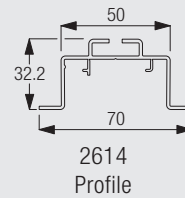


Suggested rebate size for 2615 profile is 52 x 23mm.

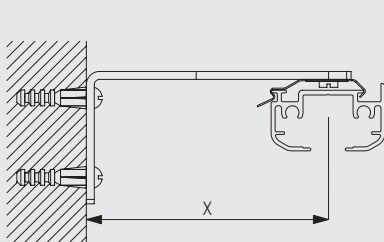
Recess fix in suspended ceiling with recess profile 2614 and hanger 6268



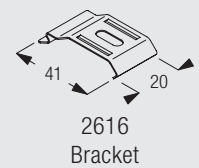
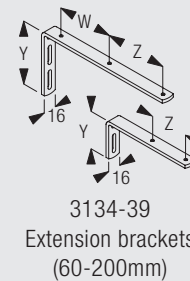
	X (mm)
Louvres	
89mm	65
127mm	85



Wall fix with brackets 3135-38 and bracket 2616



	X (mm)	W (mm)	Y (mm)	Z (mm)
3134	n/a	n/a	n/a	n/a
3135	71	-	50	50
3136	91	-	50	50
3137	111	-	80	50
3138	141	60	80	60
3139	n/a	n/a	n/a	n/a

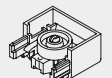


Standard Accessories

2601 Profile



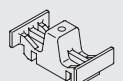
2604 Guide





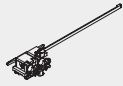
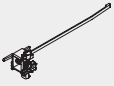
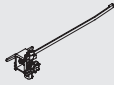








2605 Top clip (127mm)

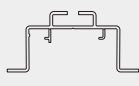
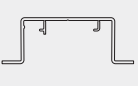

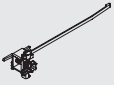


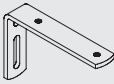
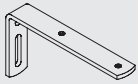
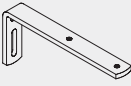
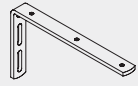





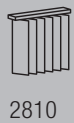
2608 Endstop for 2601



2610	Endstop		2611	Stopper	
2612	Brake		2616	Bracket	
2620	Pilot runner		2623	Rotation element set (127mm)	
2625	Rotation element set (89mm)		2627	Cover	
2813	Top clip (89mm)		2865	Bead chain connector	
2872	Operating chain		3340	Cord/Chain weight (not for use with 4845 metal bead chain)	
10400	Safety Cord Retainer				

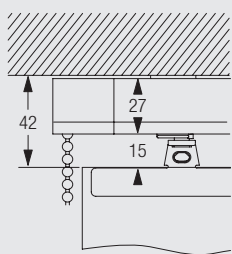
## Optional Accessories

2614	Profile		2615	Profile	
2618	Shaft		2624	Adjustment set (101mm)	
2821	Spacer (65mm)		3133	Bracket cover (60mm)	
3135	Extension bracket (80mm)		3136	Extension bracket (100mm)	
3137	Extension bracket (120mm)		3138	Extension bracket (150mm)	
5118	Wedge for recess profile		6268	Hanger	
3133L	Extended bracket cover for 3137/8/9				



2810

## Louvre Accessories



The drawing above illustrates the distance between the top of the louvre and the profile / ceiling.

2471 Bottom weight (127mm)



2473 Bottom weight (89mm)



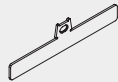
2479 Bottom link chain (127mm)



2481 Bottom link chain (89mm)



2605 Top clip (127mm)



2606 Top clip (127mm reduced gap, not SGGB standard)



2607 Top clip (89mm reduced gap, not SGGB standard)



2813 Top clip (89mm)

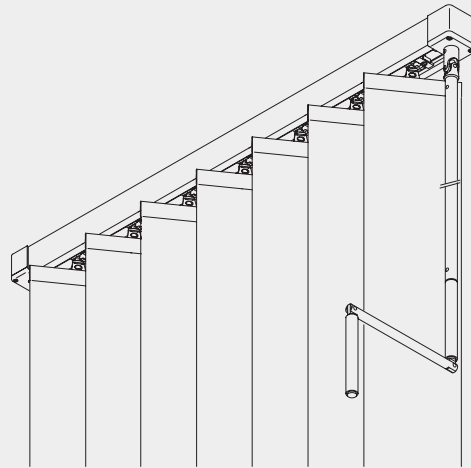


2810



## Crank Operated Vertical Blind System

# Silent Gliss® 2900



### Product Information

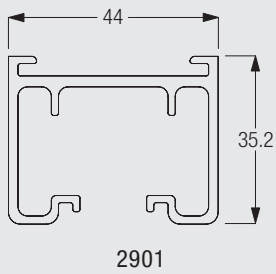
- Mono-control crank operation, purpose designed for curved and sloping installations
- A unique belt operation that can be bent to a tight radius
- The robust detachable operating handle is used to open, close and tilt the louvres
- Systems up to 6m in length
- Can be safely used with heavy louvres such as PVC and aluminium
- Easy snapping on and off of louvres
- Single, multiple or unequal stacks possible
- Can also be used for sloping windows
- Ceiling fix recommended but can be wall fixed with extension brackets
- Headrail available in silver or white as standard
- Made to measure
- Vertical Waves option available



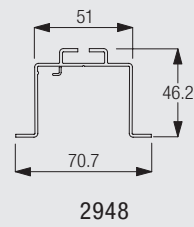
2900

## Profile, Bending and Specification Information

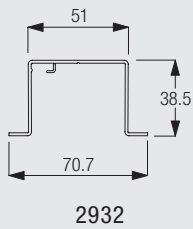
### Main profile



### Recess profile for suspended ceilings



### Recess profile



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

Silent Gliss 2900 mono control vertical blind system. Aluminium profile assembled with internal drive belt 2912, rotation elements to suit ..... mm louvres and with detachable crank handle. Louvres to be chosen from Silent Gliss range price group 1/2/3. Track top fixed with clamps 3033/ face fixed with extension brackets 3239D.

## How to Measure

Please complete a Silent Gliss measure sheet (these can be obtained from head office or found on the Silent Gliss website [www.silentgliss.co.uk](http://www.silentgliss.co.uk) (password required)).



2900

## System Dimensions



6m



1.1m (pair stack)  
50cm (single stack)



600g per louvre  
(incl. bottom weight)



4m

## Stack sizes (each stack)

mm	mm	max. (cm)													
		80	100	120	140	160	180	200	220	240	260	280	300	320	340
127		25	27	30	33	36	39	42	45	48	51	54	57	60	63
		19	21	22	24	25	27	28	30	31	33	34	36	37	38
89		26	29	33	38	41	45	50	53	57	62	65	69	74	77
		18	20	21	24	26	27	30	32	33	36	38	39	42	44

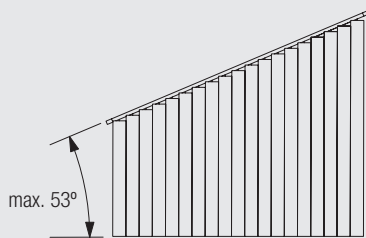
  

mm	mm	max. (cm)													
		360	380	400	420	440	460	480	500	520	540	560	580	600	
127		66	69	72	75	78	81	84	87	90	93	96	99	101	101
		40	41	43	44	46	47	49	50	52	53	55	56	58	58
89		81	86	89	93	98	101	105	110	113	117	122	125	129	129
		45	48	50	51	54	57	59	60	62	63	66	68	69	69

The stack sizes above don't apply for the system option Vertical Waves. Please contact Silent Gliss for further information.

## System Options

### Sloping windows

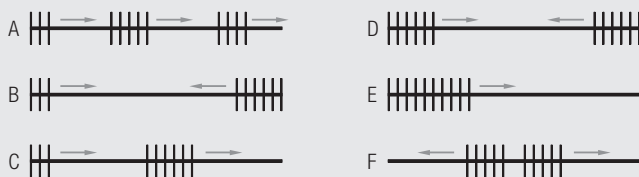


Special longer-necked rotation elements are used. The maximum slope depends on the louvre widths: 45° with 127 mm and 53° with 89 mm louvres.



2900

### Stacking variations (examples)



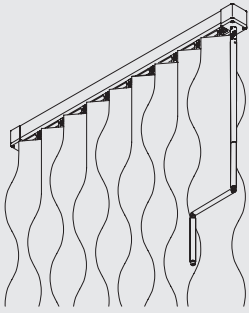
- A: 3 stacks in 1 direction (can also be asymmetric)
- B: Pair stack, asymmetrical
- C: Asymmetrical in 1 direction
- D: Pair stack, equal
- E: Single stack
- F: Centre stack

The vertical blind system Silent Gliss 2900 offers uniquely varied application possibilities.

### Bent systems

System 2900 is designed for bending and various shapes are possible - see 2950.

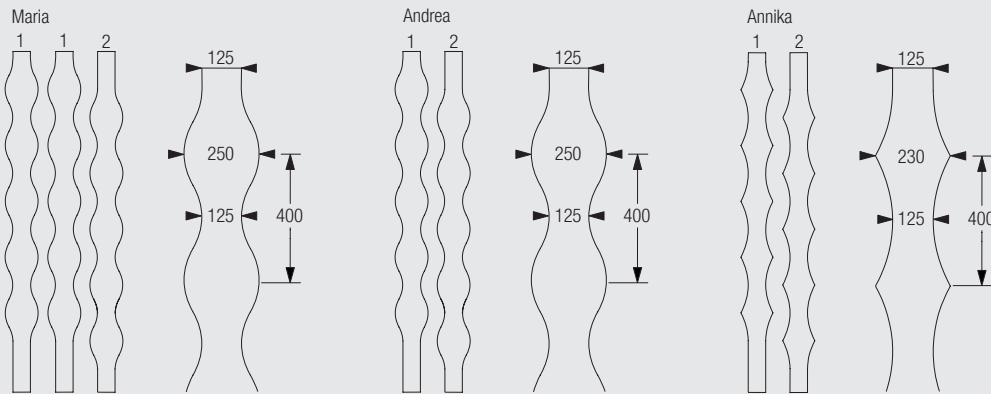
## System Option Vertical Waves



The system can be optionally equipped with the system option Vertical Waves.

NOTE: Vertical Wave cannot be supplied on a sloping system.

### Vertical Wave louvres 127 mm



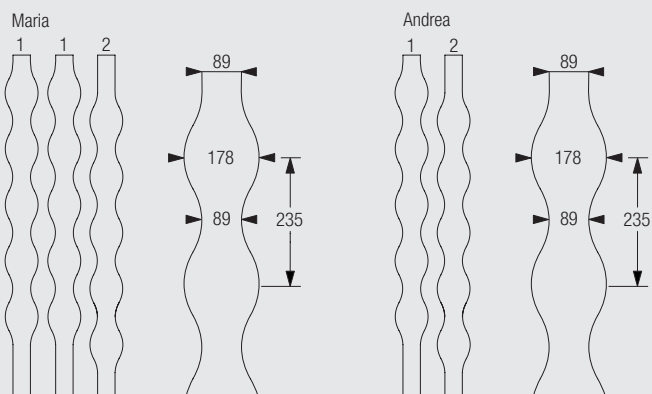
Three exceptional designs, Maria, Andrea and Annika, are available.

Minimum drop: 104cm

### Vertical Wave louvres 89 mm



2900

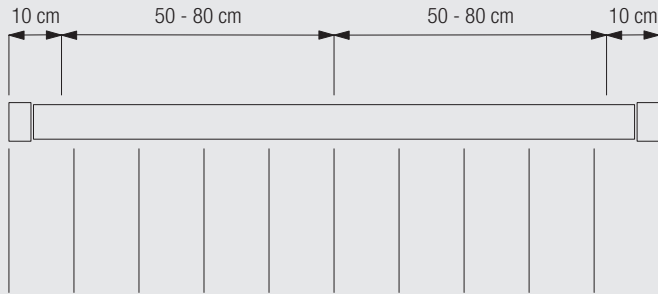


Two exceptional designs, Maria and Andrea, are available.

Minimum drop: 110cm

## Fitting Information

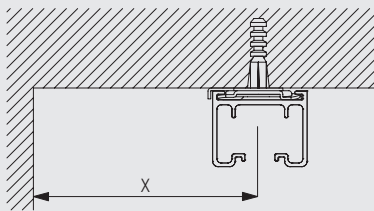
### Bracket positioning



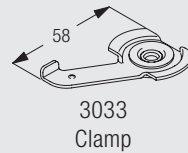
## Fitting Options

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

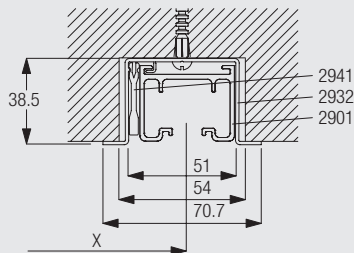
### Ceiling fixing with clamp 3033



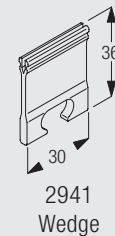
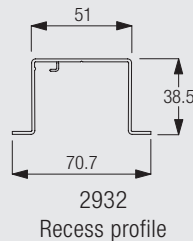
	X (mm)
Louvres	
89mm	65
127mm	85



### Recess fixing with recess profile 2932

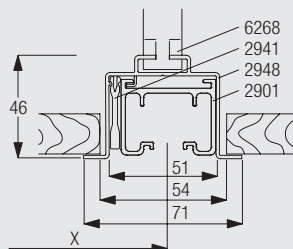


	X (mm)
Louvres	
89mm	65
127mm	85

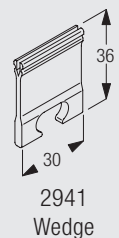
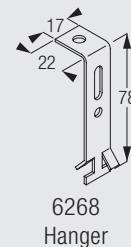
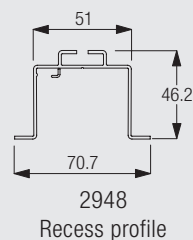


Profile 2932 can not be bent

### Recess fixing in suspended ceiling with recess profile 2948 and hanger 6268

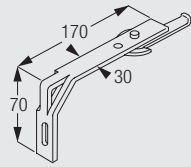
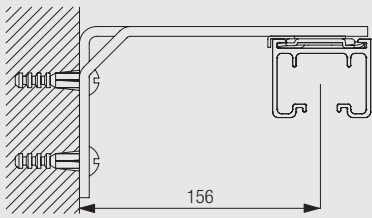


	X (mm)
Louvres	
89mm	65
127mm	85



Profile 2948 can not be bent.  
Suggested rebate size is 54 x 37mm.

## Wall fixing with bracket 3239D



3239D  
Extension bracket

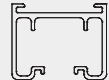
## Standard Accessories

### Single Parts

2746 Detachable crank handle



2901 Profile



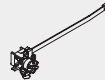
2908 Spacer (90mm)



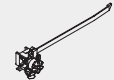
2912 Drive Belt



2916 Rotation element set (127mm)



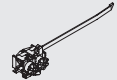
2918 Rotation element set (89mm)



2925 Belt Connector



2927 Pilot runner



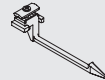
2937 Buffer



2949 Endstop



2982 Endstop



3033 Clamp



1148C Countersunk screw



2900

### Sets

2920 Guide set, containing

2921 Gear drive 1



2922 Guide return 1



## Optional Accessories

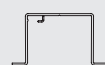
2747 Fixed crank handle



2930 Endset



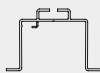
2932 Recess profile



2941 Wedge



2948 Recess profile



6268 Hanger



6952 Magnetic handle holder



3239D Extension bracket



## Louvre Accessories

2471 Bottom weight (127mm)



2473 Bottom weight (89mm)



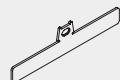
2479 Bottom link chain (127mm)



2481 Bottom link chain (89mm)



2605 Top clip (127mm)



2813 Top clip (89mm)



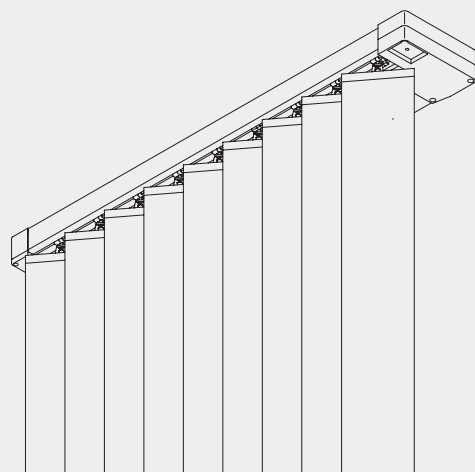
2849 Top clip (PVC)



2900

## Motorised Vertical Blind System

# Silent Gliss® 2950



### Product Information

- Electrically operated vertical blind system for domestic and commercial use
- Stacking arrangements: single, pair, multiple, symmetric and asymmetric applications
- Standard colours: anodised aluminium or white powder coated
- The standard system is powered by an effective 24V DC motor (Type 9090 or 9091)
- Louvre travel speed: 10cm/sec
- Can also be used for sloping applications
- Made to measure
- Easy snapping on and off of the louvres
- Open-close-tilt operation with fixed switch or remote control
- Vertical Waves option available
- Motor 9091 (with intergrated radio receiver) can be combined with Radio Remote Control System 9940/0450

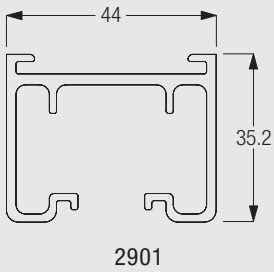


2950

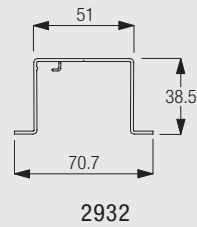


## Profile, Bending and Specification Information

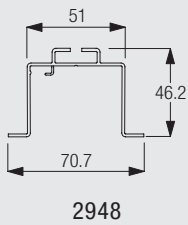
### Main profile



### Recess profile



### Recess profile for suspended ceilings



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

Silent Gliss 2950 electrically operated vertical blind, interference-free with built-in low voltage interface allowing direct access to all automated control systems, anodised aluminium/powder coated assembled with 24V DC motor 9090/9091. Internal drive belts, chain guide/return and rotation elements at 10/m (127mm louvres) or 13/m (89mm louvres). Fabrics to be chosen from Silent Gliss price range 1/2/3. Track top fixed with clamp 3033 or face fixed with extension brackets 3239D. Wiring (by others measured elsewhere) to be strictly in accordance with Silent Gliss wiring diagrams. ....of .....overall length .....overall drop.

## How to Measure

Please complete a Silent Gliss measure sheet (these can be obtained from head office or at [www.silentgliss.co.uk](http://www.silentgliss.co.uk) - password required).



2950

## System Dimensions



6m



1.1m (pair stack)  
50cm (single stack)


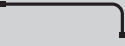






600g per louvre  
(incl.bottom weight)

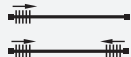

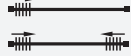



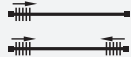


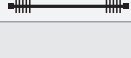
4m

Max. system widths / max. number and weight of louvres (applicable for all available motor variations)

	max.	mm	#
	6 m 6 m	127 89	60 79
	6 m 6 m	127 89	60 79
	6 m 5 m	127 89	60 65
	5 m 5 m	127 89	50 65
	5 m 5 m	127 89	50 65
	5 m 4.5 m	127 89	50 60

Stack Sizes (each stack)

mm		max.													
		(cm)													
		80	100	120	140	160	180	200	220	240	260	280	300	320	340
127		25	27	30	33	36	39	42	45	48	51	54	57	60	63
		19	21	22	24	25	27	28	30	31	33	34	36	37	38
89		26	29	33	38	41	45	50	53	57	62	65	69	74	77
		18	20	21	24	26	27	30	32	33	36	38	39	42	44

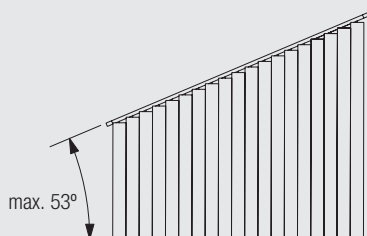
mm		max.													
		(cm)													
		360	380	400	420	440	460	480	500	520	540	560	580	600	
127		66	69	72	75	78	81	84	87	90	93	96	99	101	
		40	41	43	44	46	47	49	50	52	53	55	56	58	
89		81	86	89	93	98	101	105	110	113	117	122	125	129	
		45	48	50	51	54	57	59	60	62	63	66	68	69	



The stack sizes above don't apply for the system option Vertical Waves. Please contact Silent Gliss for further information.

System Options

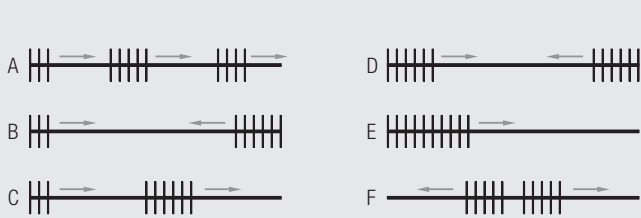
Sloping windows



Special longer-necked rotation elements are used. The maximum slope depends on the louvre widths: 45° with 127 mm and 53° with 89 mm louvres.

Both the stack and the motor need to be located at the top of the slope.

## Stacking variations (examples)



A: 3 stacks in 1 direction (can also be asymmetric)

B: Pair stack, asymmetrical

C: Asymmetrical in 1 direction

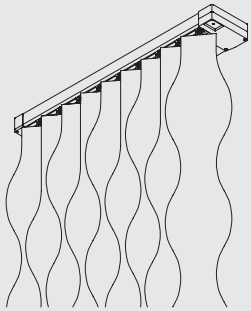
D: Pair stack, equal

E: Single stack

F: Centre stack

The vertical blind system Silent Gliss 2950 offers uniquely varied application possibilities.

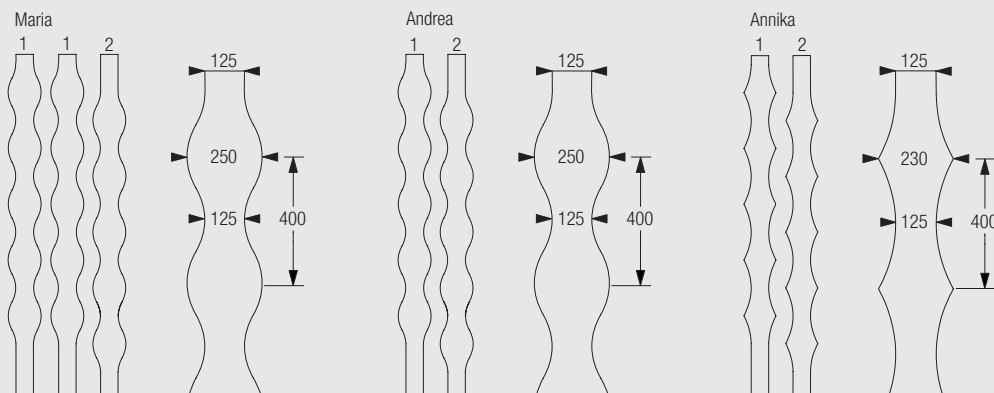
## System Option Vertical Waves



The system can be optionally equipped with the system option Vertical Waves.

NOTE: Vertical Wave cannot be supplied on a sloping system!

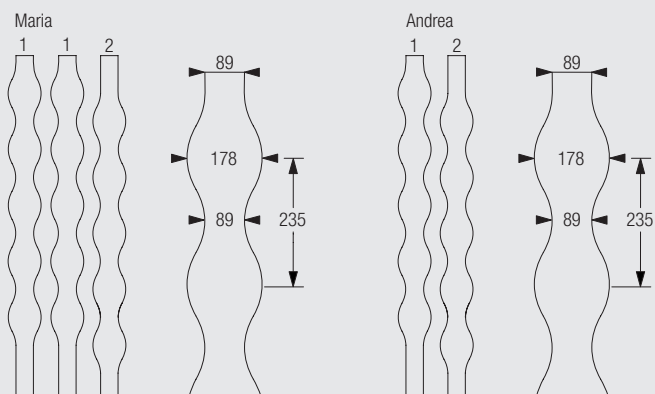
## Vertical Wave louvres 127 mm



Three exceptional designs, Maria, Andrea and Annika, are available.

Minimum drop: 104cm

## Vertical Wave louvres 89 mm

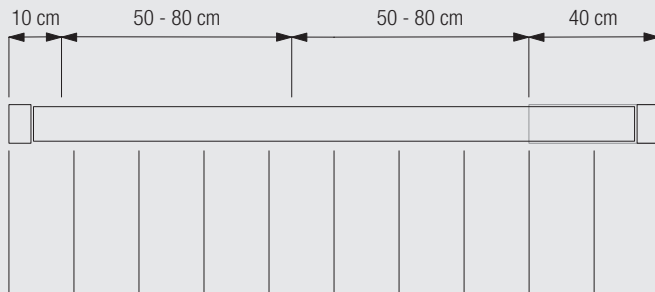


Two exceptional designs, Maria and Andrea, are available.

Minimum drop: 110cm

## Fitting Information

### Bracket positioning

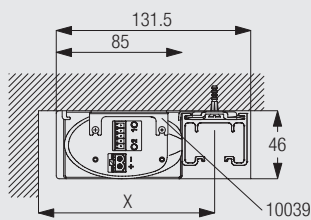


The motor can be mounted on the left or on the right side of the track.

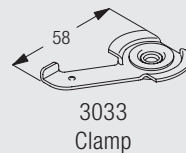
## Fitting Options

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

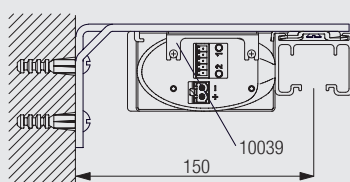
### Ceiling fix with clamp 3033



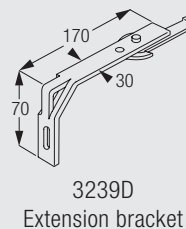
X (mm)  
120



### Wall fix with bracket 3239D



X (mm)  
150



## Standard Accessories

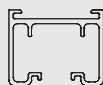
0578 Pattress box



0613 5-position switch



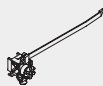
2901 Profile



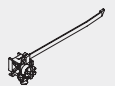
2912 Drive Belt


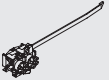

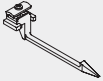






2916 Rotation element set (127mm)







2918 Rotation element set (89mm)



2925	Belt Connector		2927	Pilot runner	
2949	Endstop		2982	Endstop	
3033	Clamp		9090	Motor 24V DC	
10040	Power Supply		10048	Power lead (175cm)	
1148C	Countersunk screw				






## Sets

9119	Guide set, containing These parts can not be ordered separately (exc. 2922). Necessary screws are supplied with that set.		2922	Guide return	1	
			2952	Half case	1	
			2953	Half case	1	
			2959	Bevel wheel	1	
			2960	Drive	1	
			2961	Adapter	1	
			9101	Securing pin	1	



2950

## Optional Accessories

0565	Non-latching switch		5742	Klik socket	
6268	Hanger		9091	Motor 24V DC, radio receiver	
3239D	Extension bracket				

## Louvre Accessories

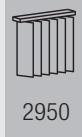
2471	Bottom weight (127mm)		2473	Bottom weight (89mm)	
------	-----------------------	---	------	----------------------	---



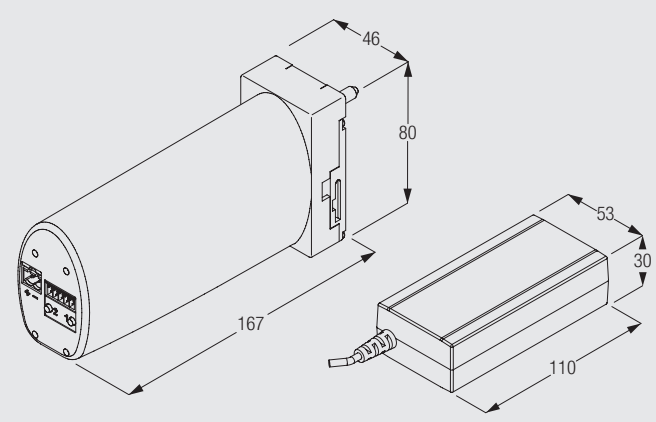
## Overview Motors and Controls

Motor 9090 / 9091 DC (24 V)	Standard	Option
		With built-in radio receiver
Motor Nr.	9090	9091 / 9091 EL
<b>Motor Features</b>		
Interference free	●	●
Electronic limit settings (with memory to protect against power failure)	●	●
Thermal overload protection	●	●
Meets the standards CE/IECEE-CB- CCC	●	●
Shaft rotation reversible	by wire	by wire
Smooth operation with soft start and soft stop	●	●
Automatic obstacle detection	●	●
<b>Control Features</b>		
Silent Gliss radio remote control 0450 / 9940		●
Suitable for all common home automation and bus systems	●	●
Switching by low voltage inputs group and individual	●	●

These features represent only a small selection of a multitude of various control options.



## Motor 9090 / 9091DC (24 V)



- Voltage: 24V DC
- Frequency receiver of Motor 9091:433.9MHz
- Current: 1.9A
- Speed: 110rpm
- Temperature for operation: 0°C to + 60°C
- Thermal overload protection
- CE/IECEE Standard
- Weight: 0.5 kg

Separate power supply incl. low-voltage cable (2.9 m) and power supply cable are needed to operate the motors.

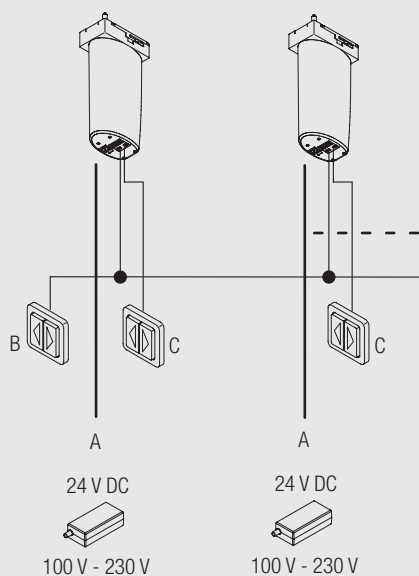
Right/left shaft rotation is possible by reversing the wiring. This gives more flexibility when installing multiple systems.

The entire motor is positioned behind the track.

For 9940 radio control system use integrated motor 9091EL, for 0450 radio control system use integrated motor 9091.

## Operating Methods

### Combination of wall switch and multiple motors with motor 9090

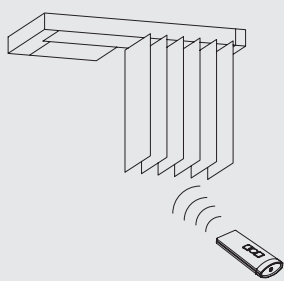


A: 24V DC, 1.9 A  
 B: simultaneous  
 C: individual

Electronic operation with "Open-Close" at any desired position.

Simultaneous and/or individual operation of single or multiple systems, by low voltage switch.

### Operation with radio remote control systems 9940/0450 with motor 9091 (integrated receiver)



2950

System with motor Silent Gliss 9091 features an integrated radio receiver and can be combined with Radio Remote Control Systems Silent Gliss 9940/0450 with minimum wiring. For further details, please refer to catalogue section "Motors & Controls".

## Wiring and Connections

Wiring diagrams can be found at [www.silentgliss.co.uk](http://www.silentgliss.co.uk) (password required).