

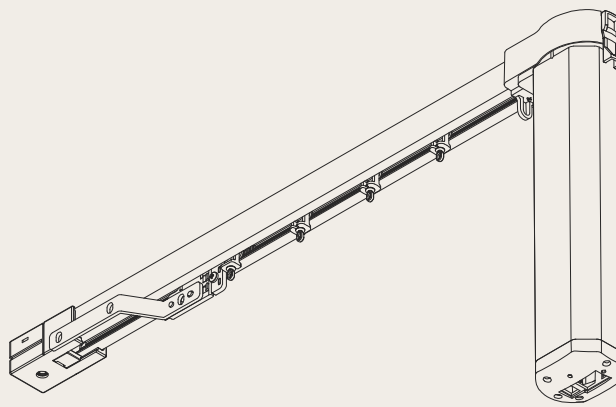
# Electric Curtain Track Systems





## Electric Curtain Track System

# Silent Gliss® 5100



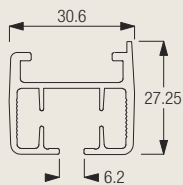
### Product Information

- Electric Curtain Track System Silent Gliss 5100, suitable for contract as well as residential use.
- This system is powered by a precise and silent 100 - 240V AC Motor (24V DC optional), which is applicable in most countries.
- Motors Silent Gliss 5190 and 5192 come with integrated radio receiver.
- Smooth operation with soft start and soft stop.
- Constant speed operation.
- "Touch and Go" offers easy operation.
- The system is equipped with a unique manual override feature against power failure which makes it more user friendly.
- Automatic obstacle detection to protect fabric jam.
- The system can stop at any position.
- The minimum bending radius is 50 cm.
- Ceiling or wall fix.



5100

## Profile and Bending Information

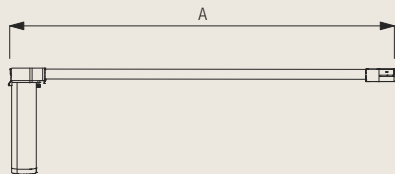


10925



Min. radius 50 cm

## How to measure



A: System width

## System Dimensions



9 m



25 kg

## Max. Curtain Weight Charts







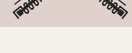
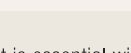
Application with Rollers

	3 m	6 m	9 m
	20	25	23
	20	25	23
	20	17	13
	20	17	13
	15	13	8
	15	13	8
	12	10	-
	12	10	-
	(kg max.)		



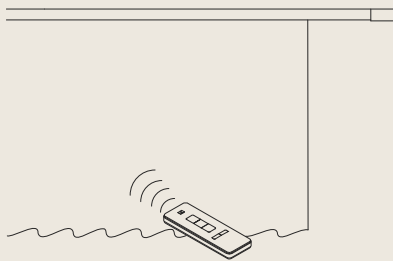
5100

### Application with Wave Gliders

	3 m	6 m	9 m
	20	20	18
	20	20	18
	18	14	10
	18	14	10
	12	10	8
	12	10	8
	8	-	-
	8	-	-
	(kg max.)		

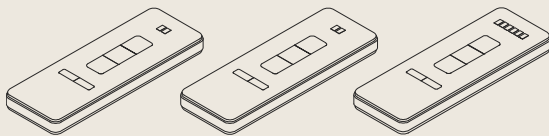
It is essential with electrically operated curtain tracks to choose a system which can readily cope with the specific demands placed on it. The most crucial factor is the total weight of the curtains transported by it, but then come further questions such as how the curtains are stacked, are there bends involved, ceiling or wall fix, the type of curtain heading etc..

## System Options



The motors SG 5190 and 5192 feature an integrated radio receiver, combined with radio hand-held and wall transmitters, this system offers maximum comfort with minimum wiring.

### Hand-held transmitters



Optional hand-held transmitters SG 10946 (1 channel), SG 10947 (2+1 channel) and SG 10948 (6+1 channel) are available, specific parameters as below:

- Battery type: CR2032 2(6 V)
- Working temp: -20°C ~ +55°C
- Frequency: 433.92 MHz
- Power: 10 mW

### Radio wall transmitters



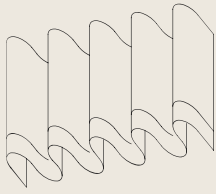
Optional radio wall transmitters SG 10949 (1 channel), SG 10950 (2 channel) and SG 10951 (5+1 channel) are available, specific parameters as below:

- Battery type: 27A (12 V)
- Working temp: -20°C ~ +55°C
- Frequency: 433.92 MHz
- Power: 10 mW

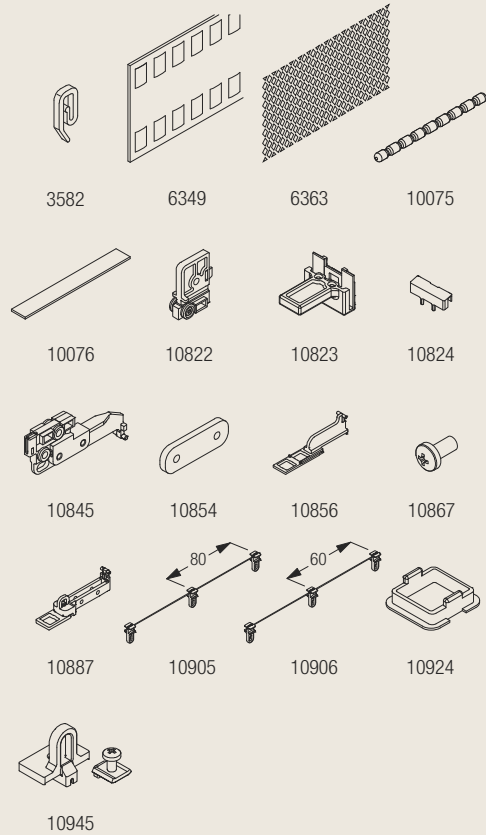


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## Wave Curtain Heading System



The Wave is an exciting contemporary curtain heading system which allows curtains to hang in a continuous wave which is smooth, simple and elegant.



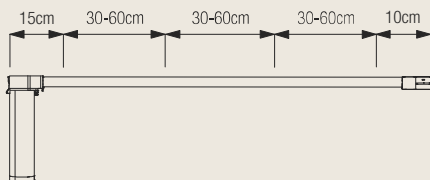
- 3582 Hook
- 6349 Curtain tape
- 6363 Iron tape
- 10075 Lead weight 50 gr/m
- 10076 Fabric weight
- 10822 Master carrier set
- 10823 Belt connector arm
- 10824 Belt connector pin
- 10845 Wave master carrier, single stack
- 10854 Wave overlap arm support
- 10856 Wave end stop, belt return
- 10867 Panhead screw
- 10887 Wave overlap arm set
- 10905 Wave glider cord (80 mm)
- 10906 Wave glider cord (60 mm)
- 10924 Wave glider support
- 10945 End stop



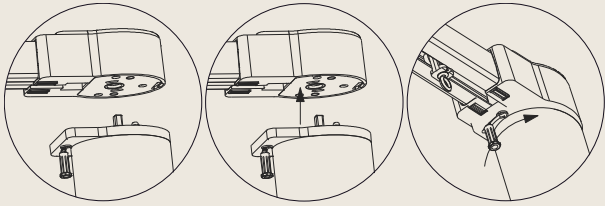
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### Fitting Information

For all electrically operated curtain track systems, a connection point should be made available at a distance of no greater than 1 metre from the motor. This should be discreetly situated behind the curtain, taking care that the motor will not obstruct access to the socket.



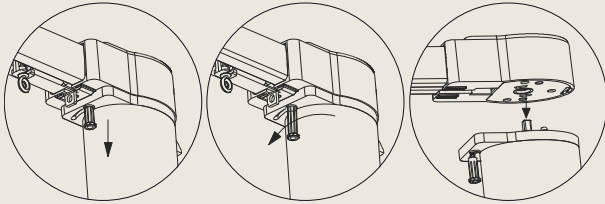
## Install / remove motor



### Install motor

Steps:

- 1: The motor is insert into the main gear box
- 2: Press the locking key, the rotation of the motor to drive the position, loose the lock
- 3: Motor is installed successfully

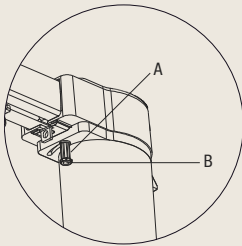


### Remove motor

Steps:

- 1: Press the locking key, rotate the motor from the gear box off, loose the lock key
- 2: Successfully removed motor

## Attention



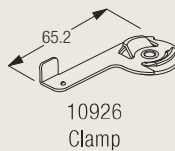
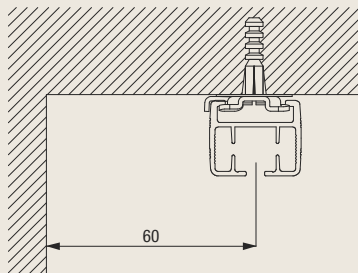
A: Lock levers

B: Hook

- 1: Install in accordance with the requirements of size
- 2: Ensure that the position of motor is according to the left picture
- 3: The ceiling must be strong

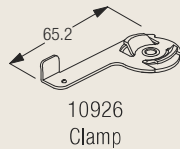
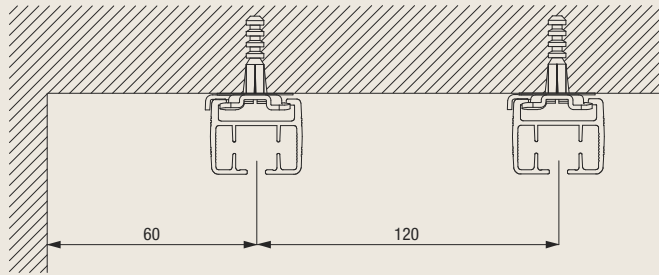
## Fitting Options

### Ceiling fitting with clamp 10926

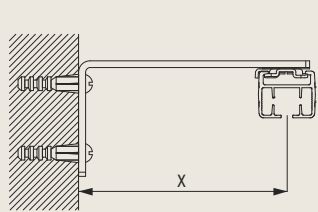


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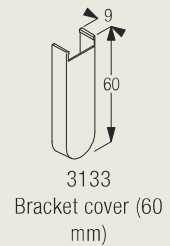
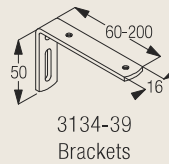
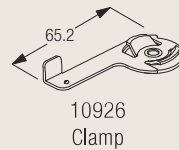
## Ceiling fitting with clamp 10926



## Wall fitting with brackets 3134-39 and Clamp 10926



	x (mm)
3134	70
3135	90
3136	110
3137	130
3138	160
3139	210

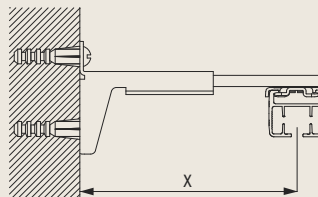


Brackets feature thread for screw M4x8 for fixing the clamp 10926.

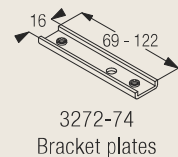
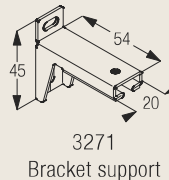
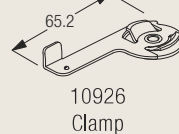


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## Wall fitting with adjustable bracket support 3271 / bracket plates 3272-74 and clamp 10926



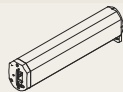
	x (mm)
3271/3272	80-115
3271/3273	102-132
3271/3274	132-162



Brackets 3275-3277 are a combination of bracket support 3271 and bracket arm 3272, 3273 or 3274. Brackets feature thread for screw M4x8 for fixing the clamp.

## Standard Accessories

5190 Motor 100-240 V AC



5192 Motor 24 V DC



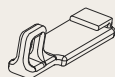
10815 Cover



10825 Belt




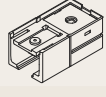
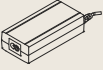
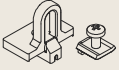


10836 Mask pair stack



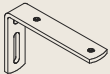





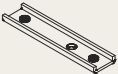
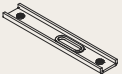











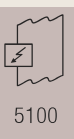
10925 Profile



10926	Clamp		10927	Hook	
10929	Belt connector arm		10930	Belt connector pin	
10931	Roller		10933	Case gear drive	
10936	Overlap arm set		10940	Belt return	
10942	Power supply 24V DC		10945	End stop	





### Optional Accessories









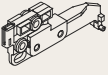






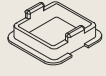
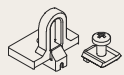
3133	Bracket cover (60 mm)		3134	Bracket (60 mm)	
3135	Bracket (80 mm)		3136	Bracket (100 mm)	
3137	Bracket (120 mm)		3138	Bracket (150mm)	
3139	Bracket (200mm)		3271	Bracket support	
3272	Bracket plate (69 mm)		3273	Bracket plate (92 mm)	
3274	Bracket plate (122mm)		10943	Connecting bridge	
10946	Radio hand-held transmitter, 1 channel		10947	Radio hand-held transmitter, 2+1 channel	
10948	Radio hand-held transmitter, 6+1 channel		10949	Radio wall transmitter, 1 channel	
10950	Radio wall transmitter, 2 channel		10951	Radio wall transmitter, 5+1 channel	
10952	Plug for dry contact RJ 12				



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### Sewing and Wave Accessories

2216	Cord (ø 0.85 mm)		3582	Hook	
3739	Hook		3740	Hook	

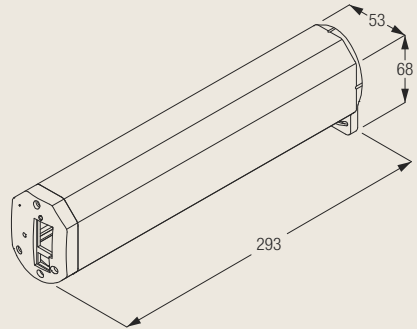
6004	Eyelet		6349	Curtain tape	
6363	Iron tape		10075	Lead weight 50 g/m	
10076	Fabric weight		10822	Master carrier set	
10823	Belt connector arm		10824	Belt connector pin	
10845	Wave master carrier, single stack 80 mm		10854	Wave overlap support arm	
10856	Wave end stop, belt return		10867	Panhead screw M4x16	
10887	Wave overlap arm set		10905	Wave glider cord (80 mm), 6.5 mm channel	
10906	Wave glider cord (60 mm), 6.5 mm channel		10924	Wave glider support	
10945	End stop				

## Motors and Controls

### Motor 5190



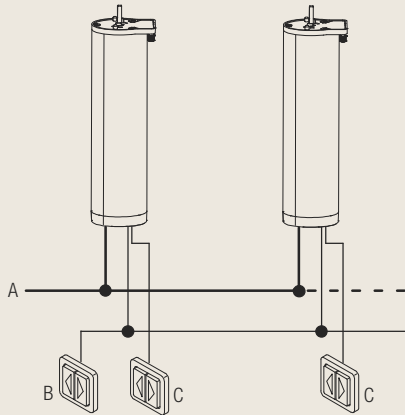
5100



- Torque: 1.0 Nm
- Speed: 130 rpm
- Speed: 15 cm/S
- Voltage: 100 - 240 V AC 50/60 Hz
- Power: 72 W
- Safety class: IP20
- Noise level: < 45 dBA (30 cm)
- Thermal overload protection
- Temperature for operation: 0°C to + 60°C
- Frequency receiver of Motor: 433.92 MHz

## Operating Methods

Combination of wall switch and multiple motors over low voltage inputs



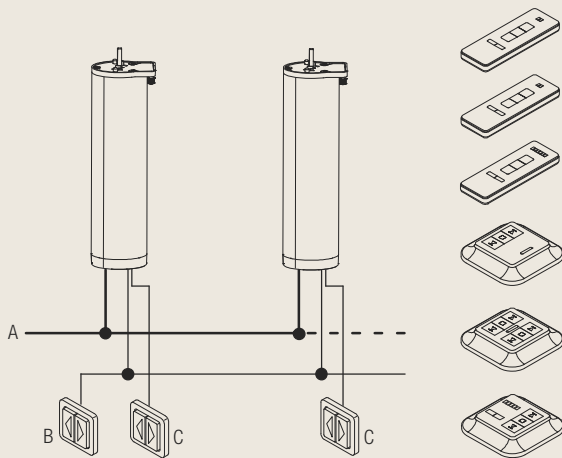
- A: 100 - 240 V AC
- B: Low Voltage simultaneous
- C: Low Voltage individual

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

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

Up to 15 systems can be operated via low voltage.

Combination of transmitter and multiple systems



- A: 100 - 240 V AC

One of the following transmitter can be used:

- 10946, radio hand-held transmitter 1 channel
- 10947, radio hand-held transmitter 2+1 channel
- 10948, radio hand-held transmitter 6+1 channel
- 10949, wall transmitter 1 channel
- 10950, wall transmitter 2 channel
- 10951, wall transmitter 5+1 channel

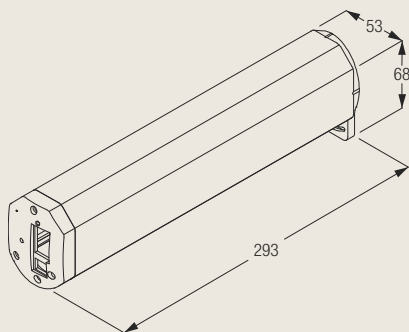
Combination transmitter and control over low voltage inputs is possible.

Inside a sphere of 25 m an indefinite numbers of motors can be controlled over 1 channel.



5100

## Motor 5192



- Torque: 1.0 Nm
- Speed: 130 rpm
- Speed: 15 cm/S
- Voltage: 24 V DC
- Power: 72 W
- Safety class: IP20
- Noise level: < 45 dBA (30 cm)
- Thermal overload protection
- Temperature for operation: 0°C to + 60°C
- Frequency receiver of Motor: 433.92 MHz

## Wiring and Connections

For other operating / wiring methods, please see section Motors & Controls or contact Silent Gliss.

[www.silentgliss.com](http://www.silentgliss.com)

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CH-3073 Gümligen