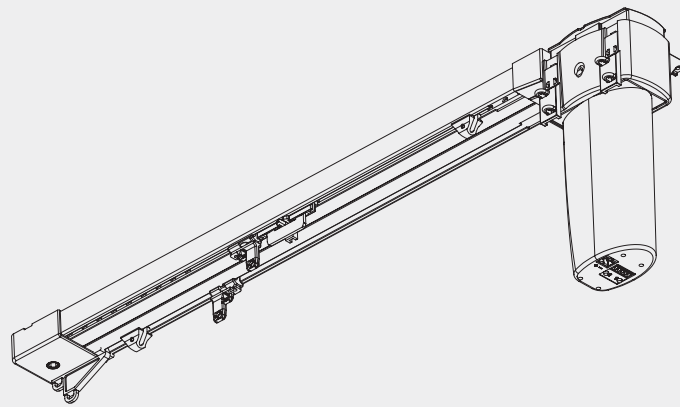


## Electric Curtain Track System

# Silent Gliss® 5220



### Product Information

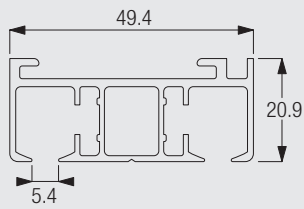
- Motorised 2-channel curtain track system for contract and residential use
- Unlimited overlapping of the curtains without the need of an overlap arm
- The system 5220 is equipped with a 24V DC motor 9040 or 9041
- Can be combined with Radio Remote Control System 9940/0450
- Various other operating methods available. See motors/controls overview chart and the specific motor variations section
- Stacking: single, pair and multiple stacks and asymmetric applications
- Easy ceiling or wall fix
- Standard colour: white powder coated only
- Supplied assembled
- Curtain travel speed 15cm/sec
- Exceptionally quiet motor
- 0900 timer option available
- Maximum system width 10m



5220

## Profile and Bending Information

### Main Profile



5141

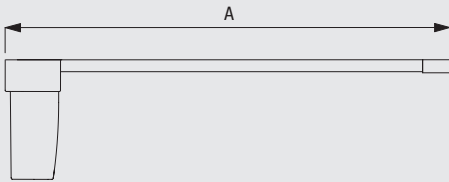


Minimum radius 50cm

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

Silent Gliss 5220 2 channel electrically operated curtain track, interference free with an external low voltage interface allowing direct access to all automated control systems, complete and assembled with motor 9040/9041, internal drive belt, belt guide/returns and roller gliders 6098 at 10/m / Wave glider cord. With/without integrated radio receiver. Capable of being wired in parallel, with memory for easy limit setting. Non-stretch belt operation. Wall or ceiling fix. White profile. Wiring (by others measured elsewhere) to be strictly in accordance with Silent Gliss wiring diagrams. ....Lm in .....lengths.

## How to Measure



A: System width

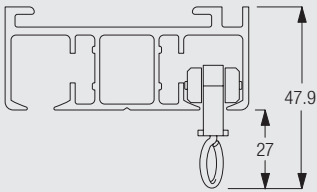


Diagram uses standard glider measured to the inside of the glider eye.



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## System Dimensions



10m



36kg

## Max. curtain weight chart with rollers

Standard Application with Rollers

	2 m	4 m	6 m	8 m	10 m
	36	32	26	21	16
	36	32	26	21	16
	30	27	21	14	8
	30	27	21	14	8
	30	24	18	10	6
	30	24	18	10	6
	18	16	14	-	-
	18	16	14	-	-

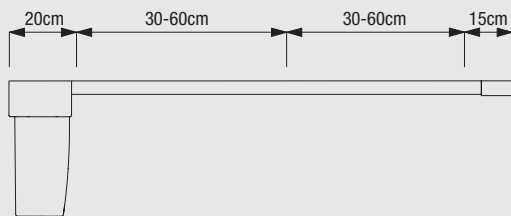
(kg max.)

It is essential with electrically-operated curtain tracks to choose a system which can readily cope with the specific demands to be placed on it. Important factors to consider are the total weight of the curtains and how the curtains are to stack.

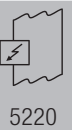
## Fitting Information

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.

### Bracket and profile positioning

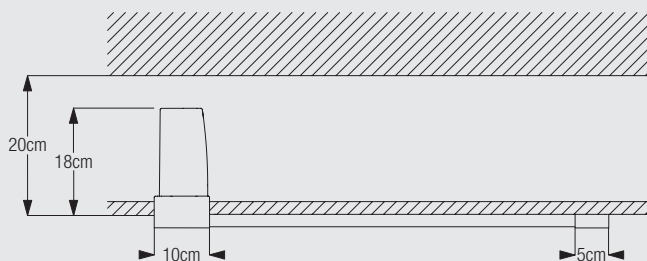


Higher edge of profile to the room side.



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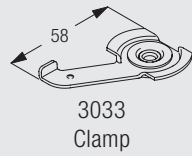
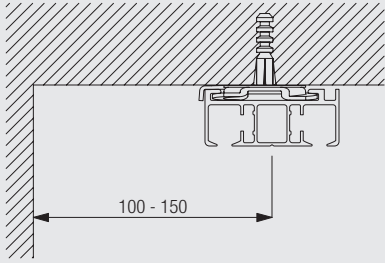
### Motors can be recessed in hollow ceilings



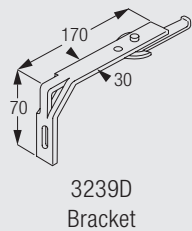
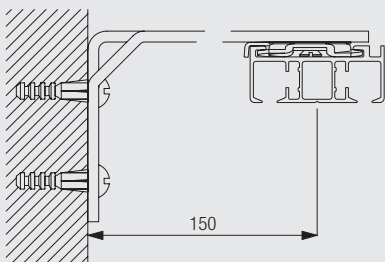
System surface mounted to the ceiling with clamp 3033.

Where the system is to be fitted to the ceiling, (recommended in most cases), the surface must be absolutely flat. Any unevenness will cause problems in fitting the clamps and will almost certainly affect the functioning of the system.

Ceiling fitting with clamp 3033



Wall fix with bracket 3239D



Standard Accessories

Single Parts

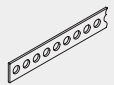


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3033 Clamp



5130 Driving Belt



5141 Profile



6086 Spring stop



6098 Roller glider with eye



9040 Motor 24V DC



10040 Power Supply



10048 Power lead (175cm)



Sets

9122 Guide Set, containing beside the 5147 support also:

5005 Master carrier 2



5110 Mask 2




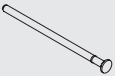




5112 Mask for pair stack 1





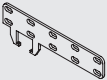






5120 Master carrier 2

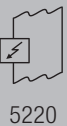


5127	Clip	1	
5143	Belt return	1	
5144	Adapter	1	
5149	Securing pin	1	
5152	Driving wheel	1	
5186	Case gear drive	1	

## Optional Accessories

### Single Parts

0565	Non-latching switch		0615	Latching switch inc. pattrass box	
5003	Overlap arm (single stack)		5331	Steel wire	
6007	Endstop		6094	Roller glider with hook	
6283	Roller glider		9041	Motor 24V DC, radio receiver	
3239D	Bracket				



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### Sets

5148	Asymmetrical Set, containing:	5146	Runner	1	
		5328	Master carrier	1	
		5329	Pilot runner	1	
		5330	Wire holder	1	

## Overview Motors and Controls

Motor 9040 / 9041 DC (24 V)	Standard	Option
		With built-in radio receiver
Motor Nr.	9040	9041 / 9041 EL

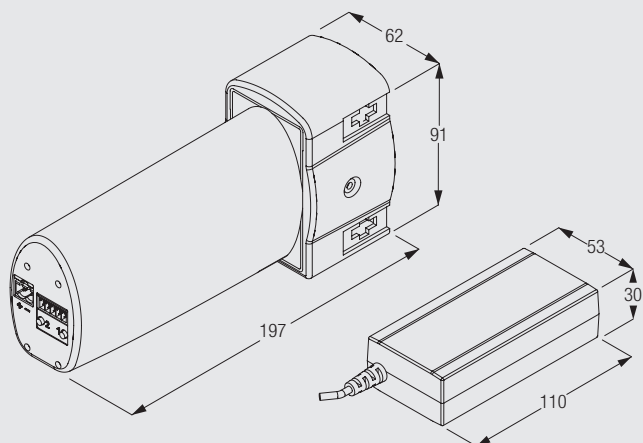
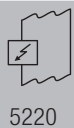
### Motor Features

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	•	•
Can be stopped at any position	•	•

### Control Features

Silent Gliss radio remote control 0450 / 9940		•
0900 Timer option	•	•
Suitable for all common home automation and bus systems	•	•
Switching by low voltage inputs group and individual	•	•
Other remote controls (IR, radio) with external devices possible	•	

## Motor 9040 / 9041 DC (24 V)



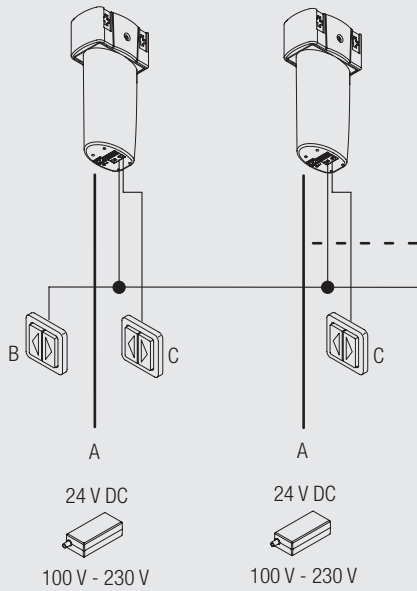
- Voltage: 24V DC
- Frequency receiver of Motor 9041: 433.9MHz
- Current: 1.9A
- Speed: 110rpm
- Temperature for operation: 0°C to + 60°C
- Thermal overload protection
- CE/IECEE Standard
- Weight: 0.5kg

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

Note: For 9940 radio control system use integrated motor 9041EL, for 0450 radio control system use integrated motor 9041.

## Operating Methods

### Combination of wall switch and multiple motors with motor 9040

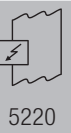
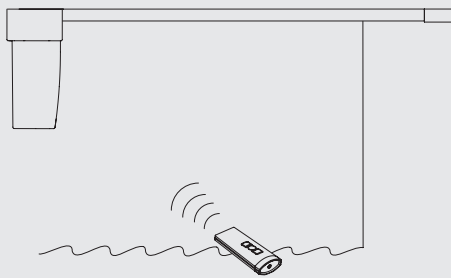


A: 24V DC, 1.9A  
B: simultaneous  
C: individual

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

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

### Radio control systems 9940/0450 with motor 9041 (integrated receiver)



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System with Silent Gliss motor 9041 features an integrated radio receiver and can be combined with Radio Remote Control System Silent Gliss 9940 with minimum wiring. For further details, please refer to catalogue section "Motors & Controls".

## Wiring Connections

Wiring diagrams can be downloaded from the Silent Gliss Website (password required) [www.silentgliss.co.uk](http://www.silentgliss.co.uk)