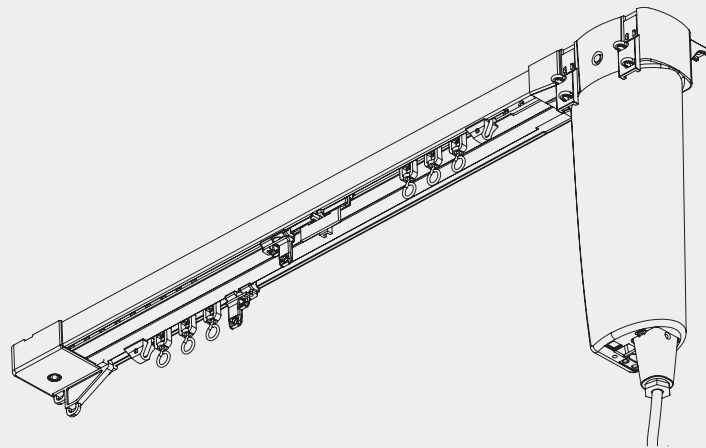


Electric Curtain Track System

Silent Gliss® 5420



Product Information

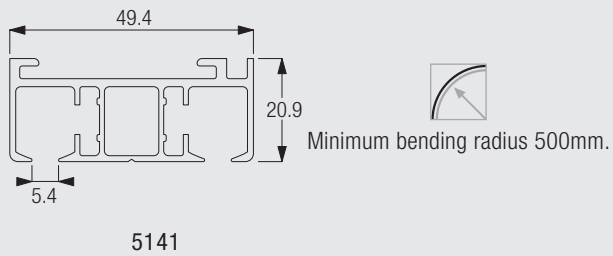
- Motorised 2-channel curtain track system for contract and residential use
- Unlimited overlapping of the curtains without the need of an overlap arm
- The system 5420 is equipped with motor - 9020/9021(90-260VAC)
- Compatible with Silent Gliss radio remote control system 9940/0450
- Various other operating 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 16cm/sec
- Exceptionally quiet motor
- 0900 timer option available



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Profile and Bending Information

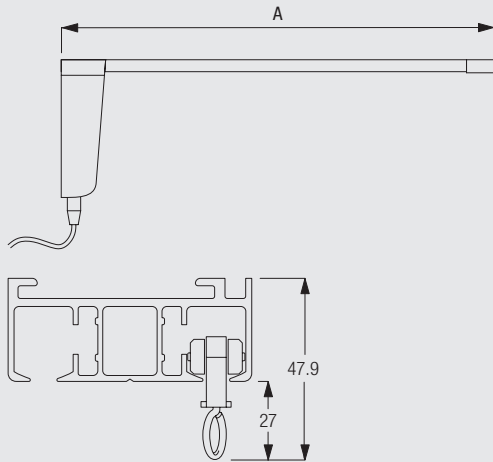
Main Profile



Specification Guide - download from Silent Gliss Website (password required).

Silent Gliss 5420 2 channel electrically operated curtain track, interference free with a built in low voltage interface allowing direct access to all automated control systems, complete and assembled with motor 9020/9021, 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 inlengths.

How to Measure



A: System width

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

System Dimensions



10m



44kg

Max. Curtain Weight Chart with Rollers

Standard Application with Rollers

	2 m	4 m	6 m	8 m	10 m
	44	42	40	38	36
	44	42	40	38	36
	40	36	31	27	22
	40	36	31	27	22
	32	28	24	20	16
	32	28	24	20	16
	20	18	16	-	-
	20	18	16	-	-

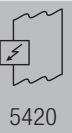
(kg max.)

Max. Curtain Weight Chart with Gliders

Standard Application with Gliders

	2 m	4 m	6 m	8 m	10 m
	44	40	34	30	29
	44	40	34	30	29
	40	34	25	19	15
	40	34	25	19	15
	32	26	18	12	8
	32	26	18	12	8
	20	16	12	-	-
	20	16	12	-	-

(kg max.)

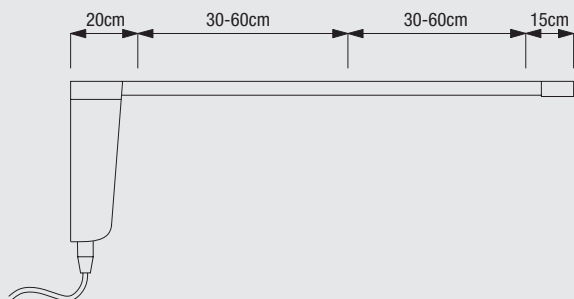


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Fitting Information

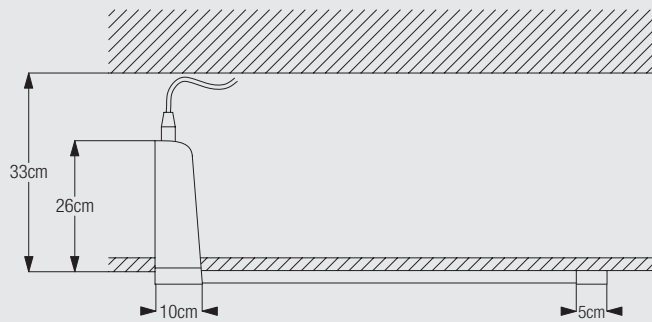
For all electrically operated curtain track systems, a connection point should be made available at a distance of no greater than 1 metre from the motor. This should be discreetly situated behind the curtain taking care that the motor will not obstruct access to the socket.

Bracket and profile positioning



Higher edge of profile to the room side.

Motors can be recessed in hollow ceilings



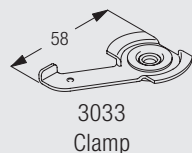
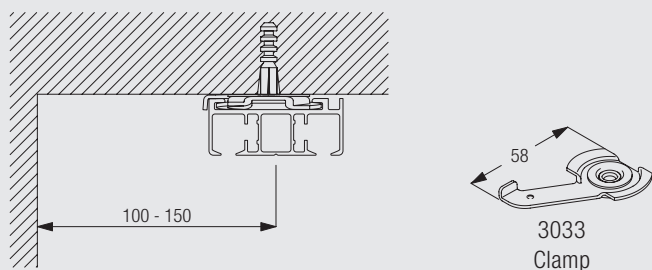
With profile surface mounted on the ceiling with clamp 3033.

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.

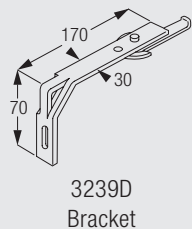
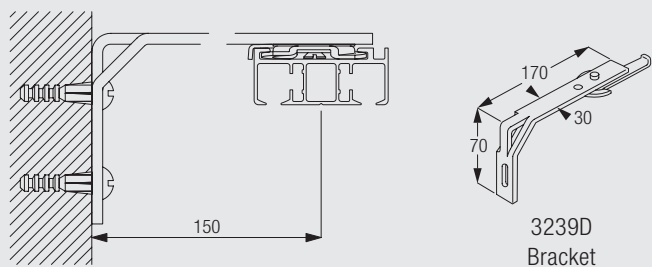
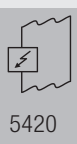
Fitting Options

CAD download through Silent Gliss website (password required) www.silentgliss.co.uk.

Ceiling fix with clamps 3033



Wall fix with bracket 3239D








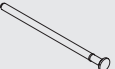




Standard Accessories

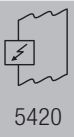
Single Parts

0562	Lead with in-line connector		2613	Connector (38mm)	
3033	Clamp		5130	Driving Belt	
5141	Profile		6086	Spring stop	
6098	Roller glider with eye		9020	Motor 90-260V AC	







Sets

9122	Guide Set, contains 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. pattress box	
2962	Profile Connector		5003	Overlap arm (single stack)	
5331	Steel wire		5651	Programming cable	
5779	Low voltage connecting cable		6007	Endstop	
6094	Roller glider with hook		6283	Roller glider	
9021	Motor 90-260V AC with integral radio receiver		3239D	Bracket	

Sets

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

Overview Motors and Controls

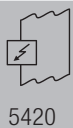
Motor 9020-9023 (90-260V AC)	Standard	Options
		With built-in radio receiver
Motor Nr.	9020	9021 / 9021 EL

Motor Features

Interference free	●	●
Electronic limit settings (with memory to protect against power failure)	●	●
Thermal overload protection	●	●
Meets the standards ETL/UL, CE/IECEE-CB, CCC	●	●
Shaft rotation reversible	●	●
Smooth operation with soft start and soft stop	●	●
Automatic obstacle detection	●	●
2 programmable scenes (intermediate stops)	●	●
Standard status LED indicator	●	●
Manual override (secures from damages when drawn by hand)	●	●
Can be stopped at any position	●	●

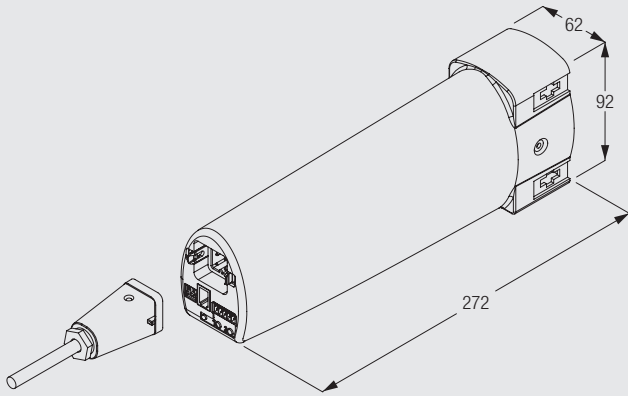
Control Features

Silent Gliss radio control 0450 / 9940		●
Other remote controls (IR, radio) with external devices possible	●	
Timer and Light sensor connections possible	●	
Suitable for all common home automation and bus systems	●	●
Switching by the mains group – no relays required (maximum 3 motors)	●	
Switching by low voltage inputs group (max. 15 motors) and individual	●	●
Mains 230V simultaneous or individual operation	●	
0900 Timer option	●	



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Motor 9020 / 9021 (90-260VAC)

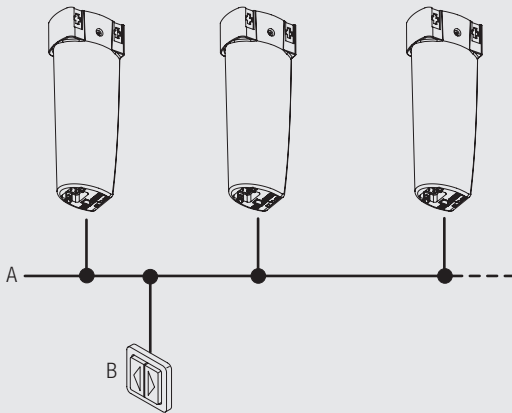


- Voltage: 90-260VAC
- Frequency: 50-60Hz
- Current: 230V, 0.5A/115V, 1.0A
- Speed: 110rpm
- Noise level: < 45dBA (30cm)
- Thermal overload protection
- ETL/UL, CE/IECEE Standard
- Weight: 1kg

Note: For 9940 radio control system use integrated motor 9021EL, for 0450 radio control system use integrated motor 9021.

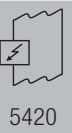
Operating Methods

Simultaneous control via mains switching with motor 9020



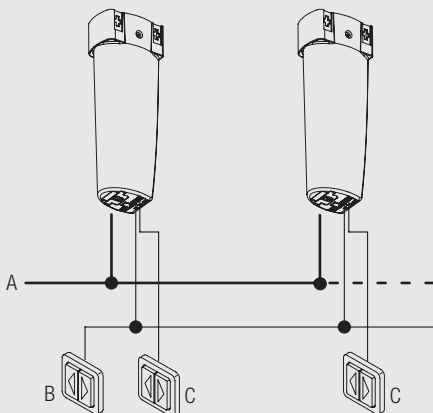
- A: 90-260VAC Supply (3 core + earth)
- B: Switch and supply

The "Open-Close" function can only be operated by latched switch.
Electronic operation with "Open-Close" at any desired position.
Up to 3 systems can be operated via mains connections without relays
subject to suitable switches and wiring.



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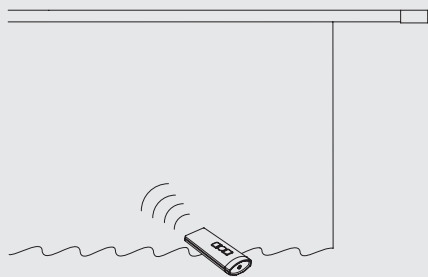
Individual and simultaneous operation via low voltage control with motors 9020/9021



- A: 90-260VAC supply (2 core + earth)
- B: Low voltage simultaneous (24VDC 3 core)
- C: Low voltage individual (24VDC 3 core)

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.

Radio remote control system Silent Gliss 9940 or 0450



Systems with Silent Gliss motor 9021 (integrated receiver) can be combined with Radio Remote Control Systems Silent Gliss 9940 or 0450. For further details, please refer to catalogue section "Motors & Controls".

Wiring Connections

Wiring diagrams can be found on the Silent Gliss Website (password required) www.silentgliss.co.uk.



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