

Glydea® Range
MOTORISATION SOLUTIONS FOR CURTAINS

expanding horizons



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Glydea™ broadens your horizons



Glydea™ curtain motorization solutions meet the requirements of the most prestigious projects.

Motorized curtains are becoming a common feature of top-of-the-range projects such as high-quality hotels, luxury homes, meeting and conference venues.

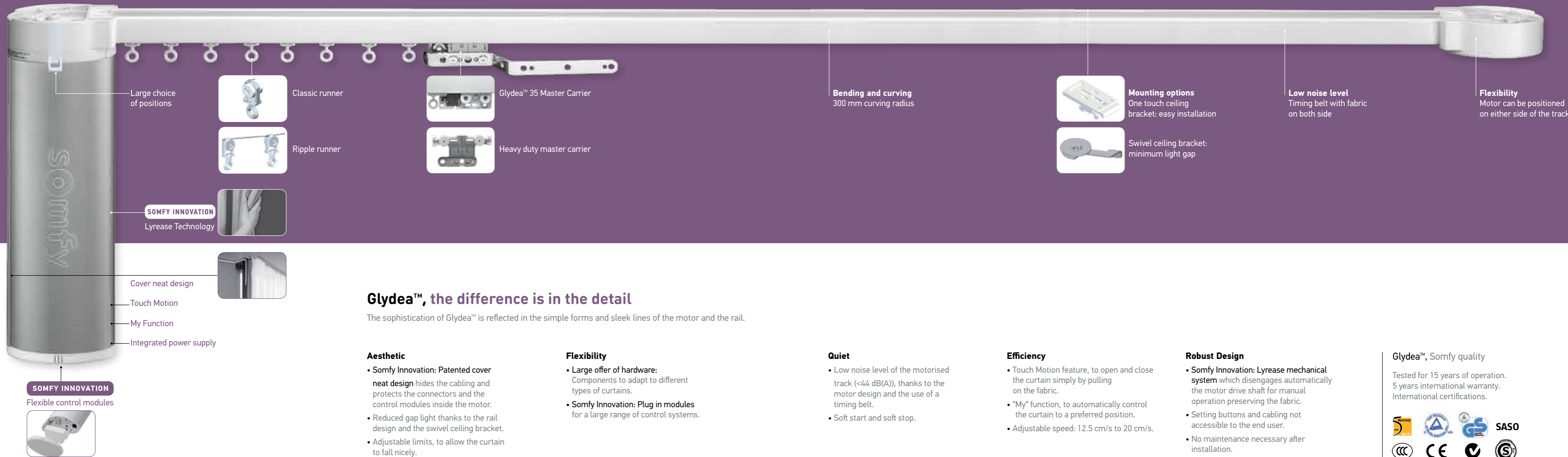
Glydea™ is discreet, flexible and robust, offering personalised solutions to serve your imagination and broaden your horizons.

Glydea™, your guarantee of added value in a demanding market

With Glydea™ motorisation solutions, make your venue stand out in terms of image, usage and functionality.

- Glydea™ improves the image of a venue and makes the job of service personnel easier.
- Glydea™ provides the level of comfort reliability that users and guests expect of venues of this type.
- The automated feature of Glydea™ motorisation solutions contributes to energy savings and security (presence simulation).
- Glydea™ extends the lifespan of your curtains, avoiding the damage caused by manual operation.





Glydea™, the difference is in the detail

The sophistication of Glydea™ is reflected in the simple forms and sleek lines of the motor and the rail.

Aesthetic

- Somfy Innovation: Patented cover neat design hides the cabling and protects the connectors and the control modules inside the motor.
- Reduced gap light thanks to the rail design and the swivel ceiling bracket.
- Adjustable limits, to allow the curtain to fall nicely.

Flexibility

- Large offer of hardware: Components to adapt to different types of curtains.
- Somfy Innovation: Plug in modules for a large range of control systems.

Quiet

- Low noise level of the motorised track (<44 dB(A)), thanks to the motor design and the use of a timing belt.
- Soft start and soft stop.

Efficiency

- Touch Motion feature, to open and close the curtain simply by pulling on the fabric.
- "My" function, to automatically control the curtain to a preferred position.
- Adjustable speed: 12.5 cm/s to 20 cm/s.

Robust Design

- Somfy Innovation: Lyrease mechanical system which disengages automatically the motor drive shaft for manual operation preserving the fabric.
- Setting buttons and cabling not accessible to the end user.
- No maintenance necessary after installation.

Glydea™, Somfy quality

Tested for 15 years of operation. 5 years international warranty. International certifications.



Glydea™, everywhere flexibility is the rule

The flexibility of Glydea™ gives answer to the most demanding projects.

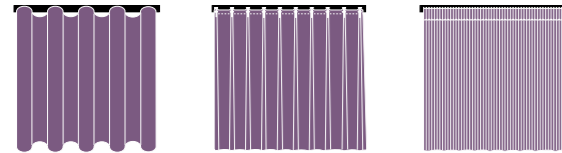
Adaptability

- A large range of solutions, with only one rail, two types of motors, and several control modules.
- The offers can be personalised thanks to a large range of options.


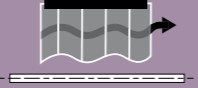

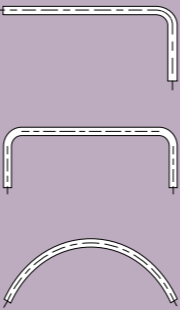

Universal



- Rail up to 15m long.
- Bending radius from 300mm.
- Large choice of rail shapes.
- Curtain weight up to 60 kg.
- Large range of accessories to adapt to different types of curtains.



Large offer for all curtain types and shapes

	LATERAL OPENING	CENTRAL OPENING	OTHER SHAPE TYPES
Glydea™ 35e 	 35 kg / 10 m	 35 kg / 10 m	
Glydea™ 60e 	60 kg / 12 m	60 kg / 12 m	

Large choice of control systems



Standard compatibilities

- Hotel or Home Automation dry contact or AC switching relays.
- AC switches and control systems.
- Double or triple push button switches.
- Somfy or universal infrared transmitters.



Glydea™ can be equipped with plug in modules to interface with additional control technologies

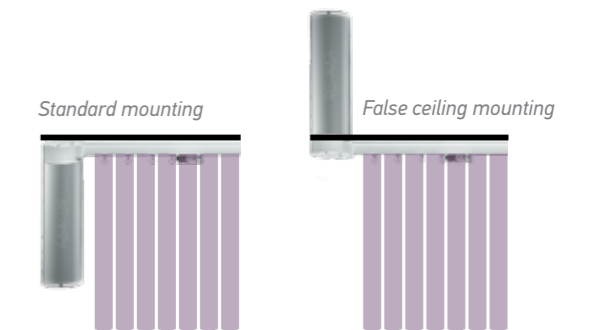
RTS receivers,
compatibility with all the Somfy RTS controls.



RS485 interface,
to interface with two-way home automation communication systems.

Easy installation

- From plug and play to more advanced solutions.
- Motor can be also hidden in false ceilings.
- Motor position (left or right) can be changed on site.
- Automatic or adjustable limit setting.
- One touch or swivel ceiling bracket.
- Integrated 24V power supply.



Technical specifications

Features overview

	Glydea™ 35e DCT	Glydea™ 35e WT ⁽¹⁾	Glydea™ 60e DCT	Glydea™ 60e WT ⁽¹⁾
Motor unit main features				
Soft start	•	•	•	•
Soft stop	•	•	•	•
Intermediate position	•		•	
Manual operation	•	•	•	•
Touch motion	•		•	
Automatic limits on end stop	•	•	•	•
Back release		•		•
Adjustable limits	•		•	
Speed control & adjustment	•	•	•	•
Control options				
AC switching		•		•
3 NO dry contacts	•		•	
2 NO dry contacts	•		•	
2 NO dry contact sequencing mode	•		•	
Dry contact individual and group & master control	•		•	
Infrared	•		•	
RS485 digital technology	•		•	
Radio Technology SOMFY	•	•	•	•
Sun control	•		•	
Timer control	•	•	•	•
Installation and settings features				
Setting with buttons on motor unit			•	•
Setting with external 3 no dry contact switch	•	•	•	•
LED indicators	•	•	•	•
Motor unit direction change	•	•	•	•
Factory reset	•	•	•	•
Upside down mounting	•	•	•	•
Tracks / Curtain types				
Lateral	•	•	•	•
Central	•	•	•	•
Asymmetric	•	•	•	•
Multiple	•	•	•	•
Classic (Pinch pleat)	•	•	•	•
Ripple drape with overlap arm	•	•	•	•
Ripple drape with butt arm	•	•	•	•

Motorised track main characteristics

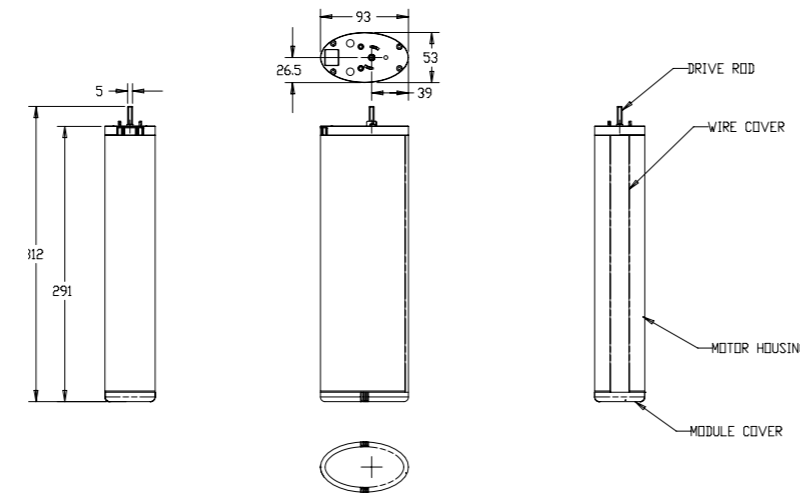
	Glydea™ 35e DCT	Glydea™ 35e WT ⁽¹⁾	Glydea™ 60e DCT	Glydea™ 60e WT ⁽¹⁾
Power supply	90 V to 250 V 50/60 HZ			
Average linear speed	12.5 / 15 / 17 / 20 cm/s			
Power consumption	60 W		120 W	
Power cable type	3-wire cable	4-wire cable	3-wire cable	4-wire cable
Control connector type	RJ12	RJ12 for setup only	RJ12	
DCT Control circuit voltage	3.3 VDC	90 V to 250 V AC	3.3 VDC	90 V to 250 V AC
Motorised track noise level ⁽²⁾	43 dB(A) ⁽³⁾		42 dB(A) ⁽³⁾	
Certifications	c TUV us, CE, C-Tick, SASO		c TUV us, CCC, CE, C-Tick, SASO, T-mark	
Track maximum length	10 m		12 m	
Maximum number of junctions	2			
Minimum bending radius	300 mm			
Minimum curving radius	3 m			

⁽¹⁾ WT motors can be switched to DCT mode by connecting both direction wires to live.

⁽²⁾ Sound pressure level according to Somfy measurement standard.

⁽³⁾ At average linear speed 15 cm/s.

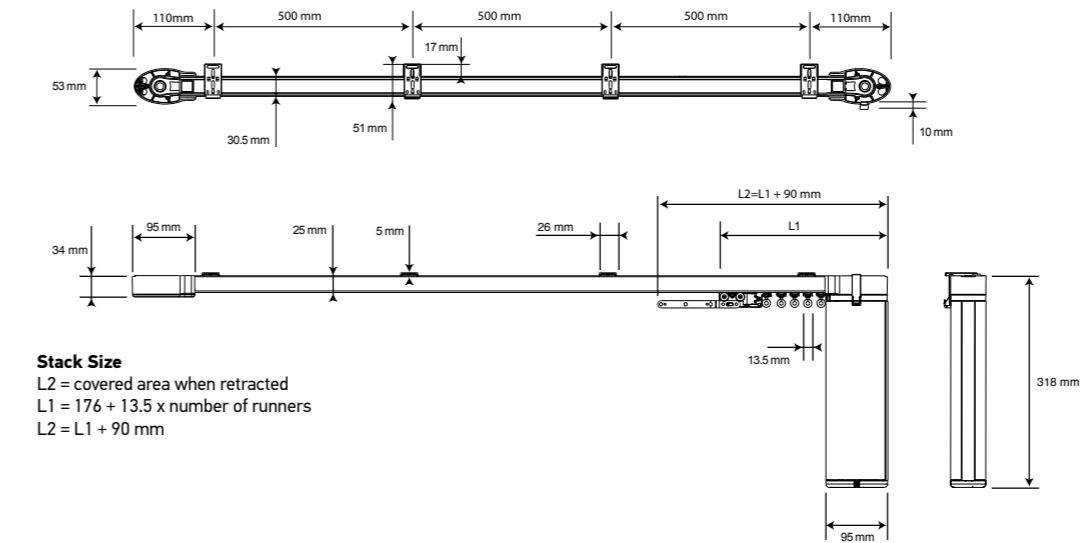
Motor dimensions (mm)



Glydea™ motorised track dimensions

1 RAIL AND MOTOR: GLYDEA™ 35 CLASSIC

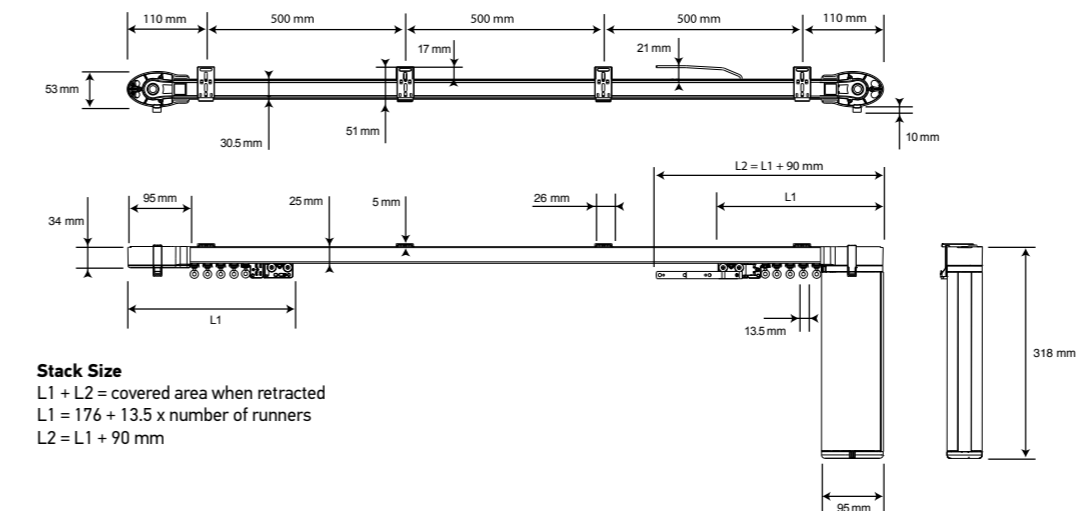
Lateral opening (one way) equipped with flexible master carrier



Stack Size

L2 = covered area when retracted
 L1 = 176 + 13.5 x number of runners
 L2 = L1 + 90 mm

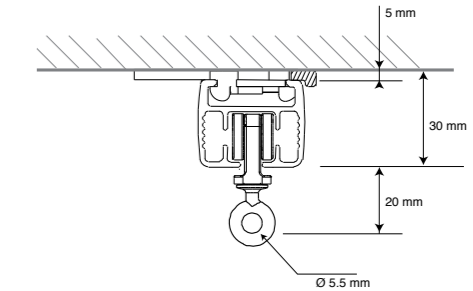
Central opening (two way) equipped with flexible master carrier



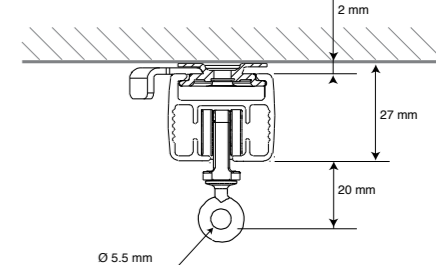
Stack Size

L1 + L2 = covered area when retracted
 L1 = 176 + 13.5 x number of runners
 L2 = L1 + 90 mm

One touch ceiling bracket

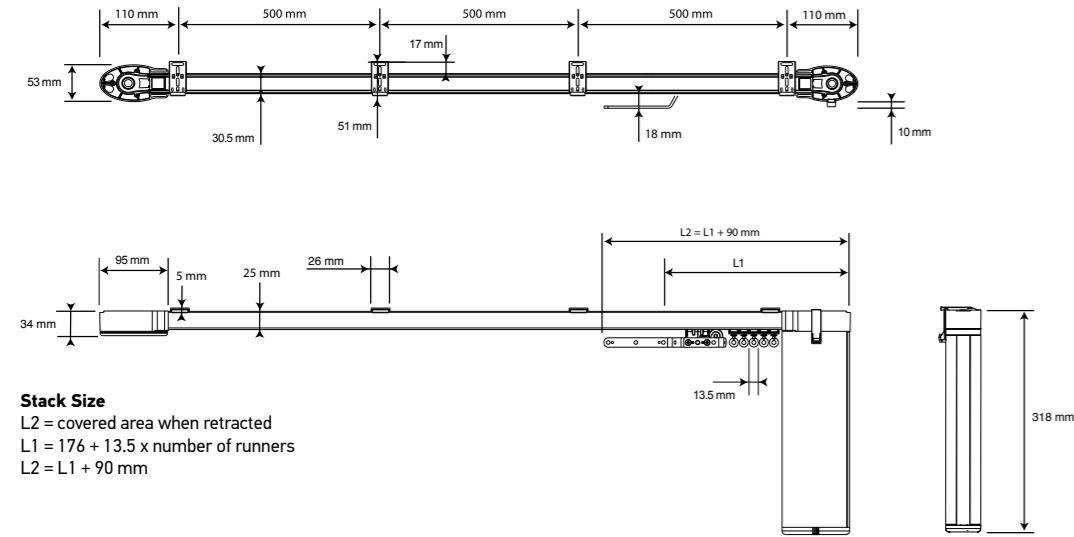


Swivel ceiling bracket

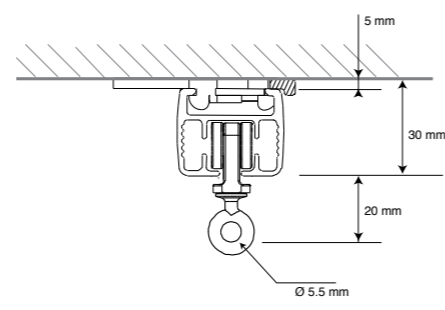


2 RAIL AND MOTOR: GLYDE™ 60E CLASSIC

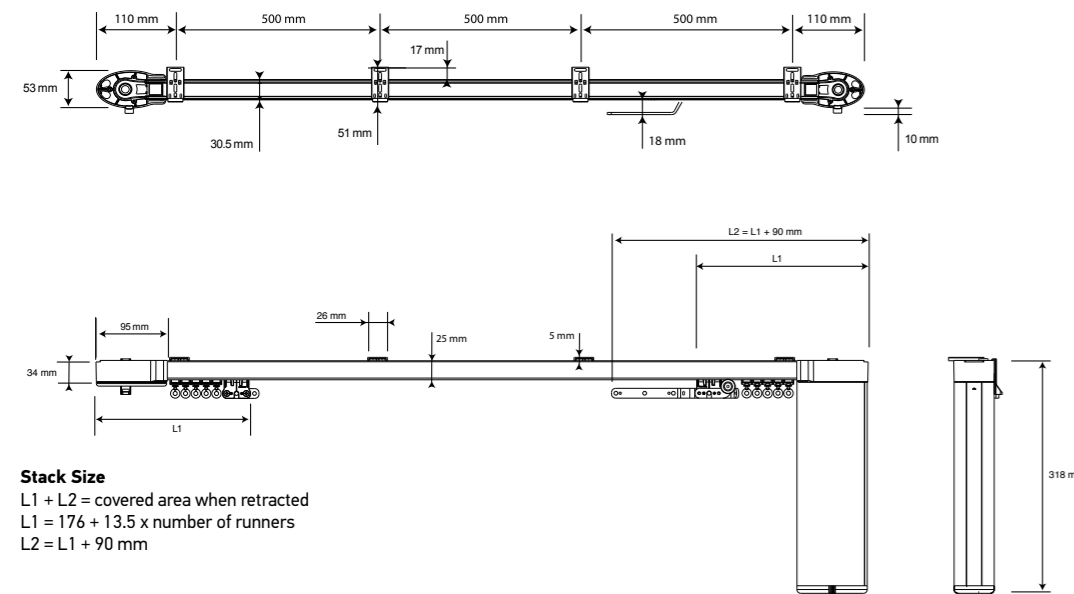
Lateral opening (one way) equipped with heavy duty master carrier



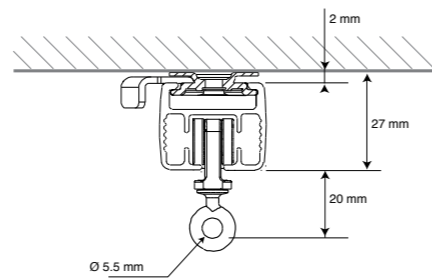
One touch ceiling bracket



Central opening (two way) equipped with heavy duty master carrier

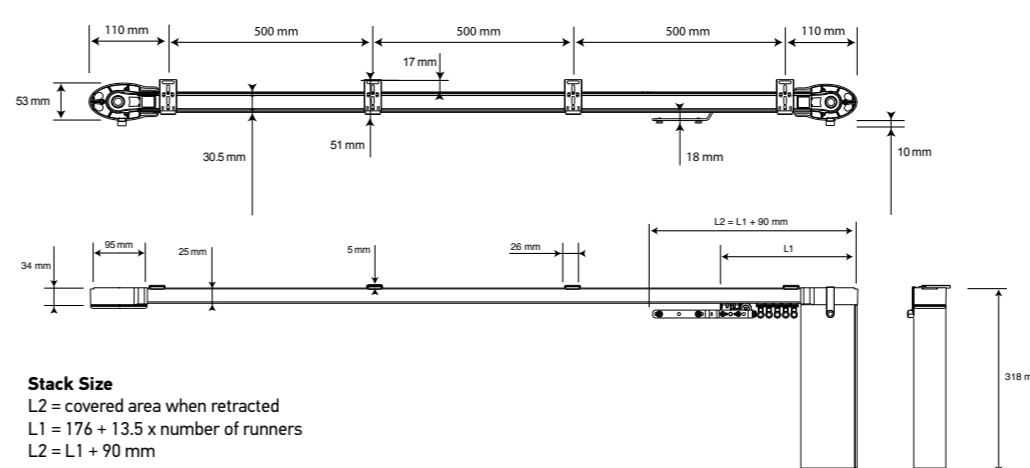


Swivel ceiling bracket

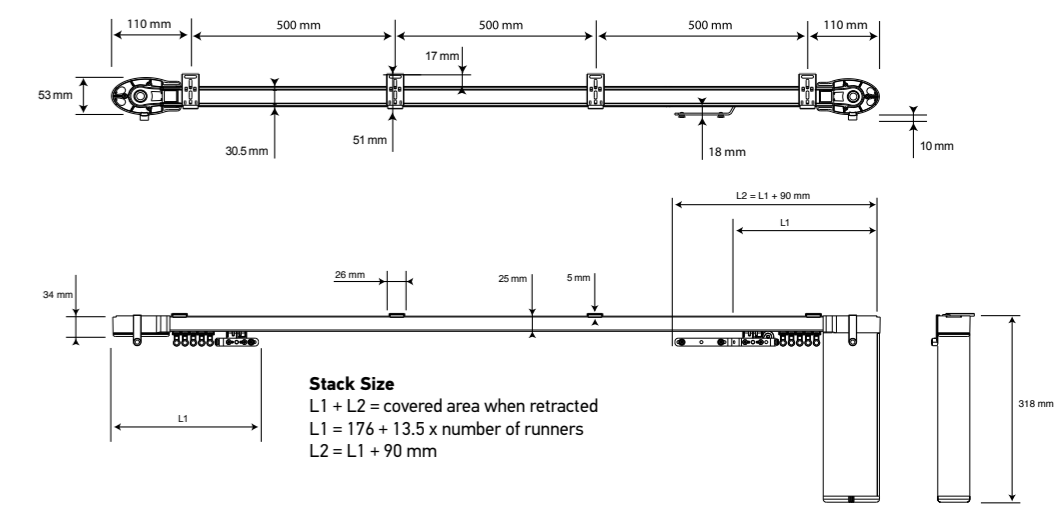


3 RAIL AND MOTOR FOR "RIPPLE" CURTAIN

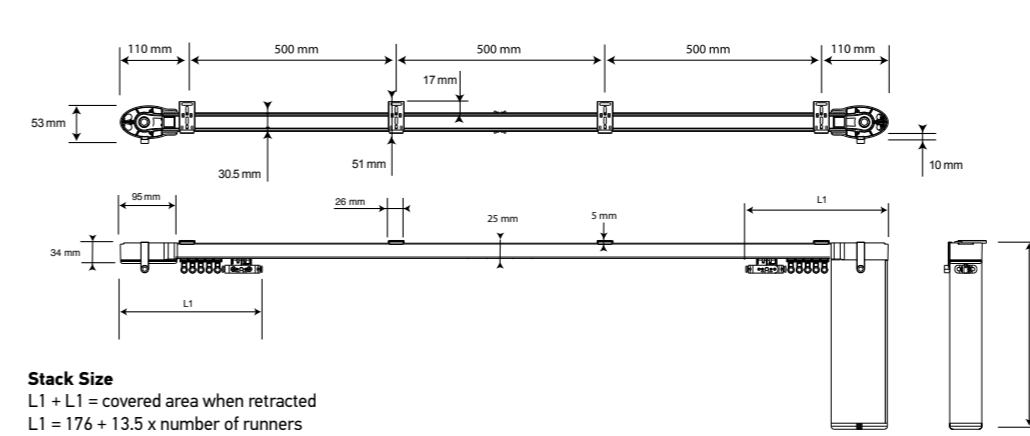
Lateral opening (one way)



Central opening (two way)

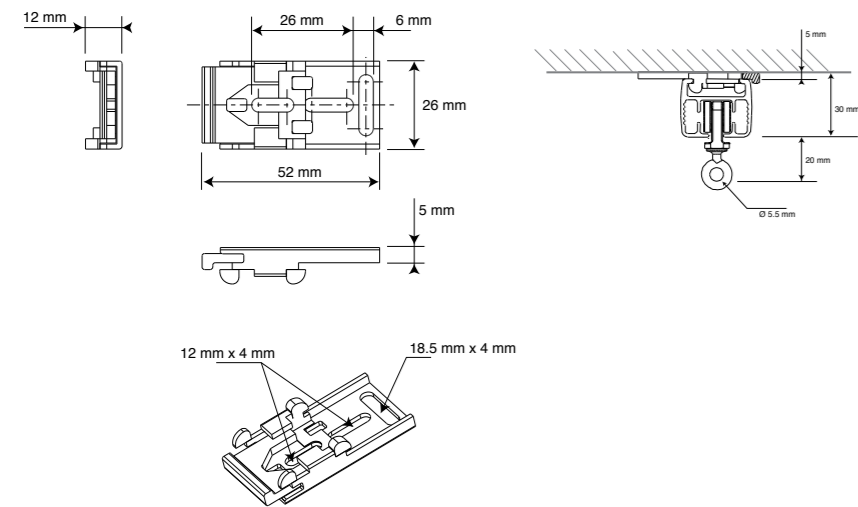


Central opening with buttarms

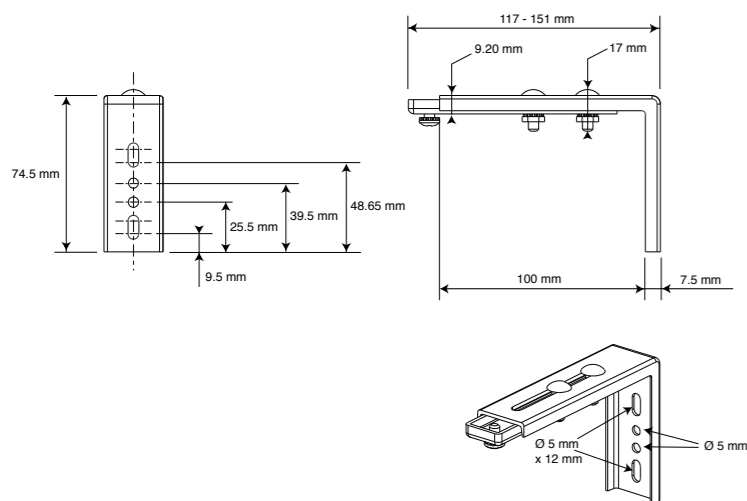


4 BRACKETS TYPES AND DIMENSIONS

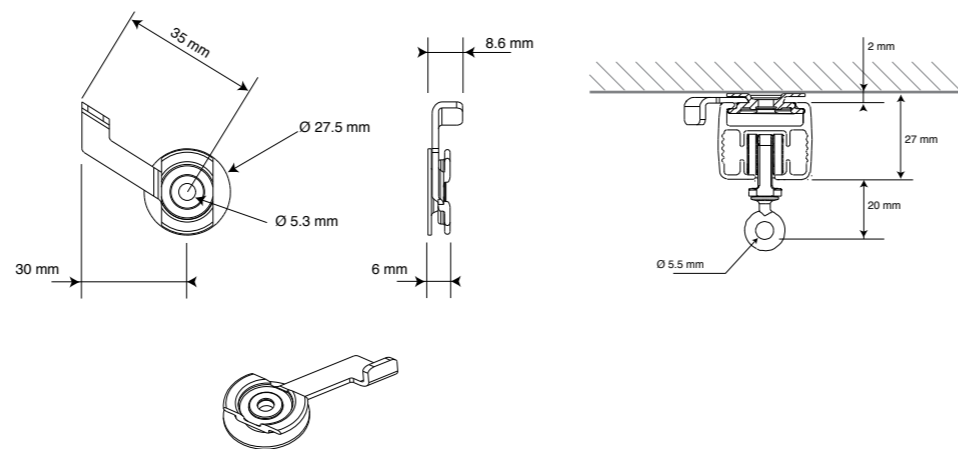
One touch ceiling bracket



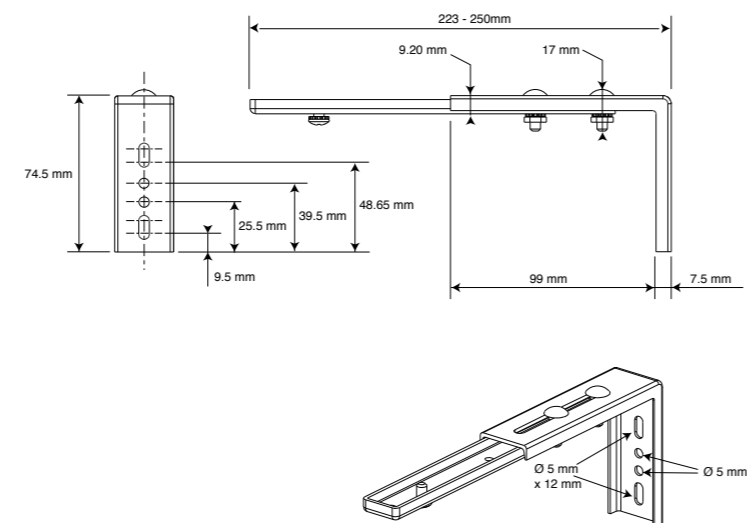
Adjustable wall mount bracket



Swivel ceiling bracket



Double adjustable wall mount bracket

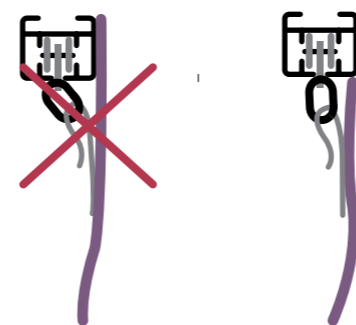


Motor load capacity according to track opening, shape, length

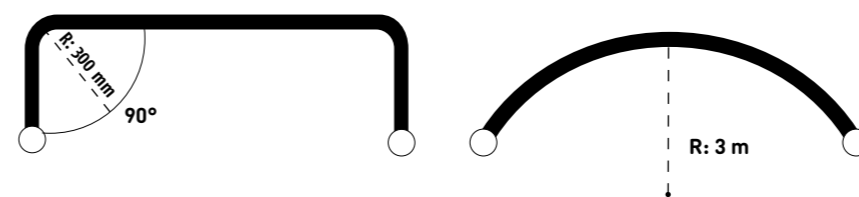
• In the charts below we give the maximum weight of curtain in kg, which has to be motorised by the different Glydea™ versions according to the different track configurations, and the length of the track.

• When calculating the weight of the curtain the fullness ratio of the curtain has to be taken:
Weight of the curtain = fabric weight/m² x Curtain covered area x fullness ratio

• The traversing capacity is given for an installation with no extra friction created by the fabric curtain touching the rail or the track pelmet.



Track bending and curving minimum radius



- For bending and curving tracks length and radius limitation please refer to the specific data sheet.
- Maximum weight per runner: 1.5 kg.
- Maximum distance between runners: 10 mm.

Traversing capacity for "Classic" and "Ripplefold" curtain

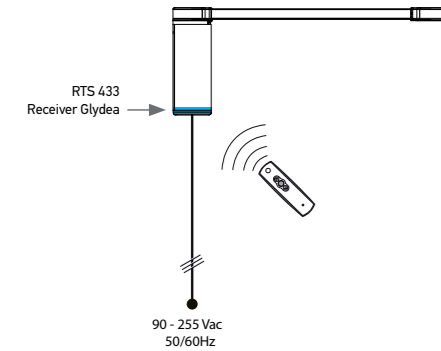
		Glydea™ 35e			Glydea™ 60e		
Track type		3 m	6 m	10 m	6 m	10 m	12 m
Straight	A	35*	35*	35	60	60	55
	B	35*	35*	35	60	60	55
Bent	C	35*	25	20	45	45	35
	D	35*	25	20	45	45	35
	E	15	10		35	25	
	F	15	10		35	25	
Curved	G	35	15		35	25	8 m
	H	30	10		30	20	8 m

*Capacity limit for Master Carrier GA 35.

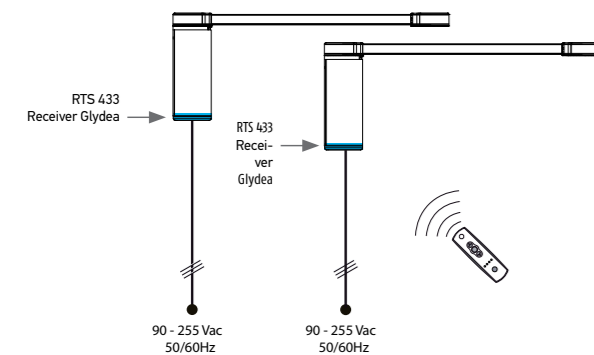
Glydea™ control options

1 GLYDEA™ RTS RADIO CONTROL

Individual control with Telis transmitter or/and wall switch (Glydea™ DCT motor + RTS 433 receiver)



Group and individual control with 4 channels Telis transmitter (Glydea™ DCT motors + RTS 433 receiver)



RTS 433 receiver Glydea™	
	Plug-in 433 Mhz RTS receiver
	Compatible with Glydea™ 35 DCT and Glydea™ 60e DCT
	Unit: 1
	Ref. 1 870172

Smoove 1 open/close RTS	
	One channel sensitive wall switch (frames to be ordered separately)
	Unit: 1
Pure Shine	Ref. 1 811 011
Black Shine	Ref. 1 811 009

Wall switch frames	
	Frames to be used with Smoove RTS wall switch
Pure	Ref. 9 015 022
Silver Lounge	Ref. 9 015 024
Silver Matt	Ref. 9 015 025
Black	Ref. 9 015 023
Light Bamboo	Ref. 9 015 027
Amber Bamboo	Ref. 9 015 026
Cherry	Ref. 9 015 036
Walnut	Ref. 9 015 037

Telis 1 RTS	
	One channel RTS transmitter
	Unit: 1
Pure	Ref. 1 810 630
Patio	Ref. 1 810 642
Silver	Ref. 1 810 637
Lounge	Ref. 1 810 649

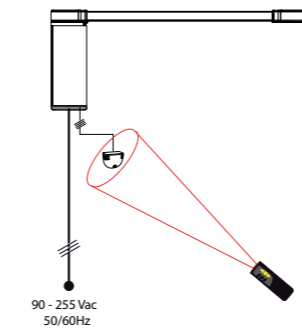
Telis 4 RTS	
	Five channels RTS transmitter
	Unit: 1
Pure	Ref. 1 810 631
Patio	Ref. 1 810 644
Silver	Ref. 1 810 638
Lounge	Ref. 1 810 651

Telis 6 Chronis RTS	
	Six channels RTS transmitter
	Unit: 1
Pure Shine	Ref. 1 805 209
Black Shine	Ref. 1 805 210

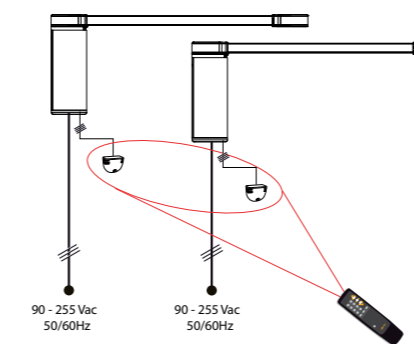
ThermoSunis indoor wireFree™ RTS	
	Indoor battery powered RTS sun sensor
	Unit: 1
	Ref. 9013708

2 GLYDEA™ DCT MOTORS WIRED AND INFRARED CONTROL

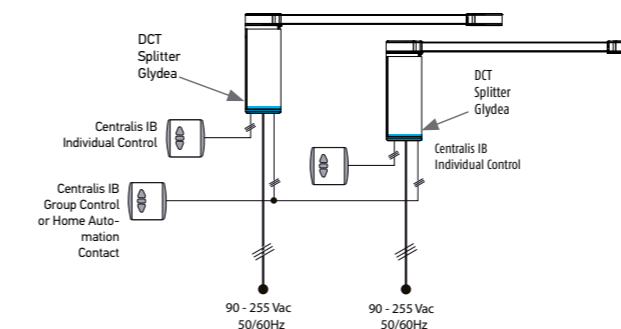
Infrared individual control with IR3 sensor and IR1



Infrared group control with IR3 sensor and IR8



DCT individual and/or group control with centralis IB using Glydea™ DCT splitter



IR1	
	Infrared One Channel transmitter
	Unit: 1
	Packaging: 10
	Ref. 1 870 133

IR8	
	Infrared Eight Channels transmitter
	Unit: 1
	Packaging: 10
	Ref. 1 870 132

IR3 ILT sensor	
	Infrared sensor, compatible with Somfy IR1 & IR8, and all Universal IR transmitter
	To be used with RJ9/RJ12 adapter Ref. 9 014 068
	Unit: 1
	Packaging: 10
	Ref. 9 154 205

DCT splitter Glydea	
	Unit equipped with 2 RJ12, screw terminal blocks and diodes. Used for individual and master control with 2 Normally Open dry contact switches or IR
	Unit: 1
	Packaging: 12
	Ref. 9 015 442

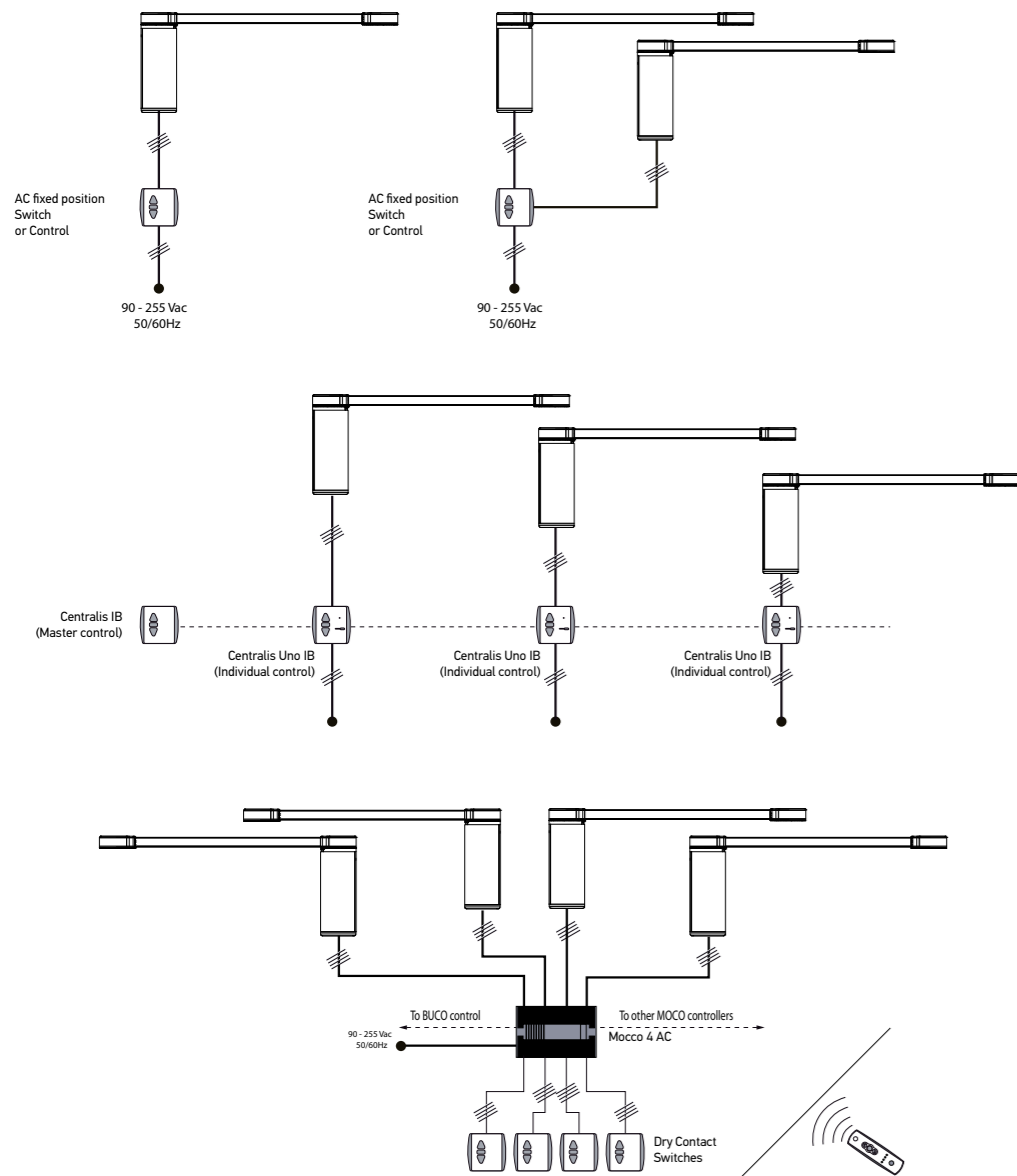
Centralis IB	
	2 Normally Open Contact+Stop in parallel, used for individual, group DCT control
	Unit: 1
	Packaging:
	Ref. 1 810 138


Cable DCT 2.5m	
	Cable equipped with a RJ 12 connector
	Unit: 1
	Packaging: 10
	Ref. 9 015 443


• Glydea™ DCT motors are compatible with Home Automation Dry Contact System and Universal Infrared transmitter.


3 GLYDEA™ WT MOTOR WIRED CONTROL


Individual or group control with AC switch





Inis uno	
	Individual control maintained switch
Unit: 1	
Ref. 1 800 016	

Centralis uno IB	
	Individual AC control with master control bus connection
Unit: 1	
Ref. 1 810 209	

Centralis IB	
	Dry contact switch for bus master control
Unit: 1	
Ref. 1 810 138	

Chronis IB	
	Timer for master bus line control
Unit: 1	
Ref. 1 805 024	


Motor controller 4AC-230VAC	
	Individual and master control by animeo
Unit: 1	
Ref. 1 860 049	


Motor controller 4AC RTS 433	
	Individual control by animeo and RTS transmitter. Master control by animeo
Unit: 1	
Ref. 1 860 109	

Part list


Motors & Controls


	Glydea™ 35 DCT EU 1.5 m	
	Unit: 1	Packaging: 8
	Ref. 1 001 261	
	Glydea™ 35 WT EU 1.5M	
	Unit: 1	Packaging: 8
	Ref. 1 001 525	
		Glydea™ 60e DCT EU 1.5M
Unit: 1		Packaging: 8
	Ref. 1 001 265	
		Glydea™ 60e WT EU 1.5M
Unit: 1		Packaging: 8
	Ref. 1 001 537	


RTS 433 receiver Glydea™		
	Unit: 1	Packaging: 24
	Ref. 1 870 172	


DCT splitter Glydea™		
	Unit: 1	Packaging: 12
	Ref. 9 015 442	


Track components


Pulley GA	
	Pulley assembly to put opposite the motor side with bush bearing
Unit: 1	Packaging: 10
Ref. 1 780 897	


Drive pulley GA	
	Pulley assembly to use on the motor side with bush bearing
Unit: 1	Packaging: 10
Ref. 1 780 945	


Motor bottom cover GA	
	Motor bottom cover spare part
Unit: 1	Packaging: 10
Ref. 9 015 579	


Rail 6 m	
	6 m long Glydea track aluminium profile
Unit: 1 rail	Packaging: 6
Ref. 1 78 1802	


Rail joint GA	
	To link two rails
Unit: 1	Packaging: 10
Ref. 1 780 891	


Heavy duty rail joint GA	
	To link two rails
Unit: 1	Packaging: 10
Ref. 1 782 316	


Motor hook GA for classic curtain	
	Minimum one for 1-way and two for 2-way
Unit: 1	Packaging: 20
Ref. 1 780 895	

Ripple motor hook GA	
	Minimum one for 1-way and two for 2-way
Unit: 1	Packaging: 20
Ref. 1 780 905	


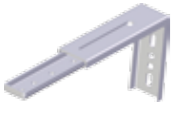
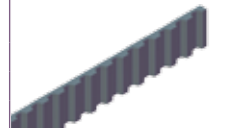



Pulley cover GA	
	Pulley cover spare part
Unit: 1	Packaging: 10
Ref. 1 780 898	

Pulley stopper assembly GA	
	Spare pulley stopper assembly as a kit
Unit: 1	Packaging: 10
Ref. 1 780 954	

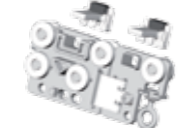



Swivel ceiling bracket GA	
	Ceiling bracket to minimise the light gap (max 2 mm)
Unit: 1	Packaging: 100
Ref. 1 780 906	

One touch ceiling bracket GA	
	For easy installation
Unit: 1	Packaging: 100
Ref. 1 780 907	





Track components

Adjustable wall mount bracket GA	
	Bracket with minimum 100 mm projection and 34 mm extension, to use with swivel or one touch ceiling bracket Unit: 1 Packaging: 1 Ref. 1 780 909
Double adjustable wall mount Bracket GA	
	Wall bracket to mount 2 rails equipped with swivel or one touch ceiling bracket. 200 mm projection, 27 mm extension and 100 mm between rails. Unit: 1 Packaging: 1 Ref. 1 780 910
10 mm belt 100 m roll GA	
	T5 timing belt with 5 steel core tension cord, with textile on the back and the tooth Unit: 100 m Packaging: 1 roll Ref. 1 780 900
Cushion for belt GA	
	Rubber part to be positioned in the assembled track to prevent the belt off splitted track transported folded. Unit: 1 Packaging: 100 Ref. 1 780 955
Top mount kit GA	
	To be mounted on pulley ref. 1 780 897. Unit: 1 Packaging: 10 Ref. 1 780 908
Ceiling fixing plate	
	To be mounted on the track before ceiling fixing. Unit: 1 Packaging: 50 pcs per bag Ref. 1 781 907


Accessories for "classic" curtain with flexible master carrier




Master carrier GA 35	
	Maximum load 35 kg for 6 m track Unit: 1 Packaging: 10 Ref. 1 780 890
Straight arm GA 35	
	Steel Unit: 1 Packaging: 10 Ref. 1 780 894
Overlap arm GA 35	
	Steel Unit: 1 Packaging: 10 Ref. 1 780 893
Rotating eye runner GA	
	1.5 kg maximum load Unit: 1 Packaging: 500 Ref. 1 780 892



Accessories for "classic" curtain with heavy duty master carrier

Heavy duty master carrier GA	
	Maximum load 35 kg for 6 m track Unit: 1 Packaging: 10 Ref. 1 781 344
Heavy duty straight arm GA	
	Stainless steel Unit: 1 Packaging: 10 Ref. 1 781 4 16
Heavy duty overlap arm Kit GA	
	Stainless steel with roller Unit: 1 Packaging: 10 Ref. 1 781 4 17
High perf rotating eye runner	
	1.5 kg maximum load Unit: 1 Packaging: 500 Ref. 1 781 415



Accessories for "ripple" curtain with Heavy Duty Master Carrier



Ripple runner 1 7/8 GA (48mm)	
	Runner mounted on wheels for 120 % fullness ripple curtains Unit: 1 Packaging: 500 Ref. 1 780 901
Ripple straight arm	
	Stainless steel Unit: 1 Packaging: 10 Ref. 1 780 946
Ripple snap tape 4.25 91 m roll GA	
	Ripple snap tape Unit: 91 m Packaging: 1 roll Ref. 1 782 301

Ripple runner 2 1/8 GA (54mm)	
	Runner mounted on wheels for 100 % fullness ripple curtains Unit: 1 Packaging: 500 Ref. 1 780 902
Ripple overlap arm kit	
	Stainless steel with roller Unit: 1 Packaging: 10 Ref. 1 780 947
Rotating Ripple Runner (with eyelet) 60mm GA	
	Rotating ripple runner Unit: 1 Packaging: 500 Ref. 1 782 310

Ripple runner 2 3/8 GA (60mm)	
	Runner mounted on wheels for 80 % fullness ripple curtains Unit: 1 Packaging: 500 Ref. 1 780 903
Ripple butt arms kit	
	Stainless steel Unit: 1 Packaging: 10 Ref. 1 780 953

Electrical accessories

DCT 2.5 m cable Glydea	
	Cable equipped with a RJ 12 connector Unit: 1 Packaging: 10 Ref. 9 015 443
RJ9 / RJ12 adapter	
	Necessary to adapt IR3 ILT sensor Unit: 1 Packaging: 10 Ref. 9 014 068

DCT setting tool	
	To program Glydea™ 35 Unit: 1 Packaging: 1 Ref. 9 014 599
IR3 ILT sensor	
	To be used in combination with RJ9/RJ12 adapter 9 014 068 Unit: 1 Packaging: 10 Ref. 9 154 205

Somfy Corporate Profile

A market leader in home automation solution, Somfy manufactures quality motors and controls for both residential homes and commercial buildings. Somfy has the complete range of automated solutions for all types of applications, including motorised curtains, roller and roman blinds, venetian blinds and automatic controls for awnings.

Somfy also engineer sun-protection controls and sensors to allow you to have a control over the amount of sun emission and shade within your home and working environment, thereby increasing your building's energy efficiency.

Reliability and Quality have been Somfy's bywords for many years. The attainment of ISO 9001 certification in 1995 attests to Somfy's continual commitment to its 40 years of quality excellence heritage. To date, Somfy products have obtained 600 approvals worldwide.

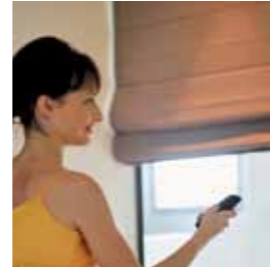
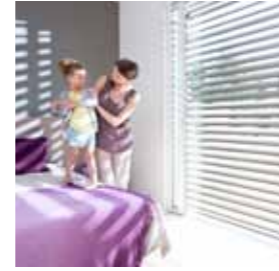
All products are designed for a service life of over 10 years and are provided with a warranty for five years.

Founded in France in 1969, Somfy was established at the foot of Mont Blanc, a region known for its precision instruments technologies. Today, Somfy has an extensive and rapidly growing distribution network with over 70 subsidiaries and over 50 sales offices worldwide.

Join the group of over 220 million customers world-wide, who trust in Somfy as the solution for quality, safe and comfortable living.



Somfy head office in Cluses, France



International hotel project references



Armani Hotel, Dubai

Grand Hyatt, Hong Kong

Sheraton Huzhou Hot Spring Resort, China



Pangu Plaza, Beijing

St Regis, Singapore

The Fullerton Bay Hotel, Singapore



Sofitel So, Bangkok

The Landmark, Bangkok

W Hotel, Doha

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