

GOELST®

Motorized system

6200 with G-MOTION

for light, medium and heavy duty

Absolutely silent and powerfully strong motorization

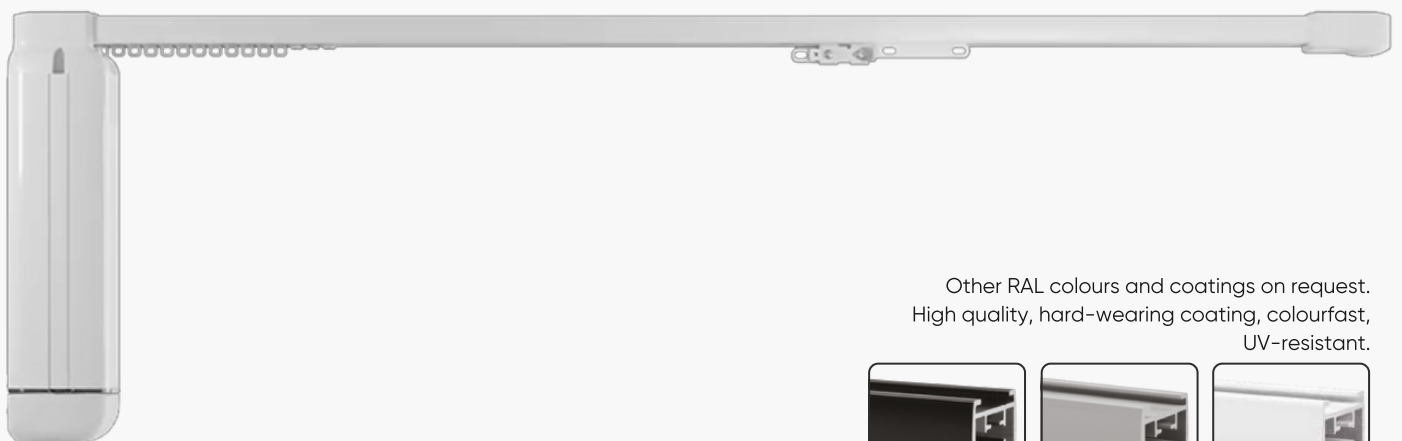


6200

Motorized drapery system

The motorized rail 6200 is an extremely silent system that can be used for added comfort, as well as to assist individuals with reduced mobility or the elderly. The system can also be integrated into various home automation systems and simulate presence. Additionally, it is available in white, black, and natural metallic with matching system components.

- **Compatible with sheers and light to heavy curtains.**
- **The track can be mounted on the ceiling or wall using dedicated brackets.**
- **The curtain can be stacked on the right or left, and in the case of a dual curtain configuration, the system can perform a central opening.**
- **Two systems can be connected with a discreet central pulley allowing for asymmetric stacking.**
- **The motor is covered by the curtain, making it invisible.**
- **The track can be curved, from a simple 90-degree bend to a large curve.**
- **It smoothly and silently glides, even around curves.**



Other RAL colours and coatings on request.
High quality, hard-wearing coating, colourfast,
UV-resistant.



RAL 9005
black



RAL 9006
natural metallic



RAL 9010
white

Profile specifications

Aluminum profile:

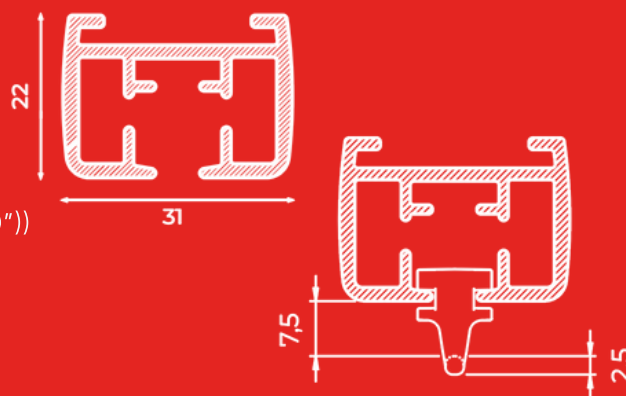
Dimensions (H x W): 22x31mm(7/8"x1-1/8")

Weight: 567gr/m

Mounting: wall and ceiling (bracket every 50cm (20"))

Surface: stone, wood and plaster

Supports: ceiling and wall supports, brackets



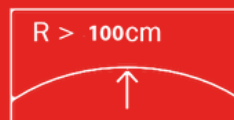
Colors and lengths available:

	RAL	4m(158")	5m(197")	6m(236")	7m(276")
White	9010	✓		✓	✓
Natural	9006	✓		✓	✓
Black	9005			✓	

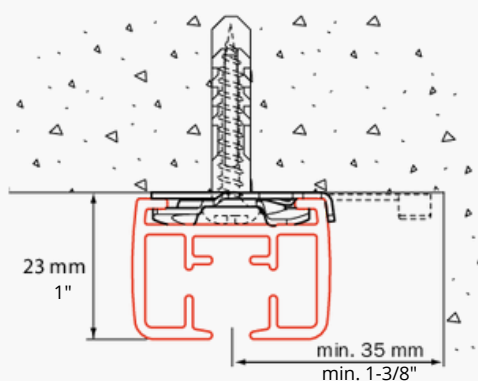
Bending:

Single return: less than 20cm(8") radius

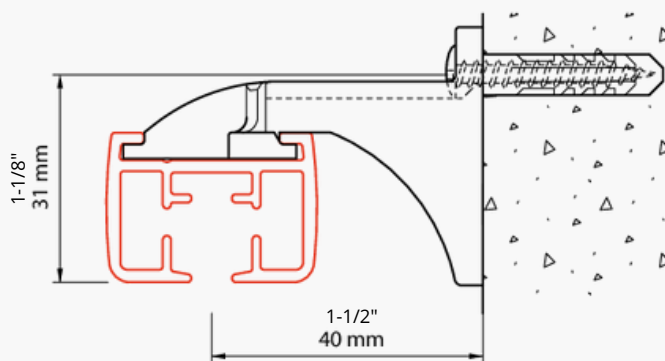
Curved: more than 100cm(40") radius



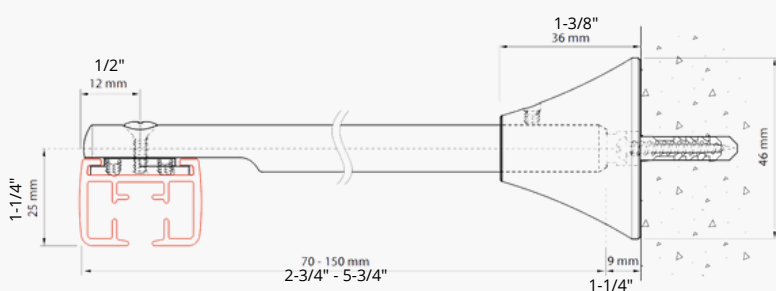
Mounting



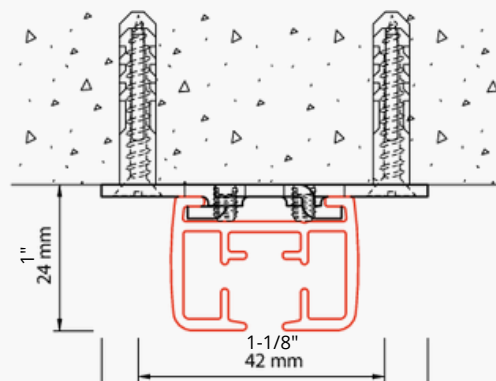
Ceiling mounting with 6050 support



Wall mounting with 6051 support



Wall mounting with 6017 bracket



Ceiling mounting with 6055-1000 support

G-MOTION

Motor for electric track

Feel the true calm and comfort of your home where you have absolute control, simply at the touch of a button. From delicately filtering the first rays of morning sunlight to closing the curtains completely for an ultimate relaxing evening, G-Motion gives you this freedom.

With G-Motion, the latest innovation in Goelst's curtain track motorization, you're in command! The range includes a series of three advanced motors, allowing you to move your curtains in absolute silence, as well as in various ways.

Imagine being able to control your curtain tracks from your smartphone or tablet, even when you're far from home!

Why choose G-Motion?



Silent motor



Designed and manufactured in the Netherlands



Touch and Go: the system starts moving with the slightest pull on the curtain (GM4 and GM6)



Touch and Stop: the curtain stops at the desired position with the slightest pull (GM4 and GM6)



5-year warranty



Smooth start and stop



Automatic calibration of end positions



Controlled and guaranteed speed



24 adjustable features

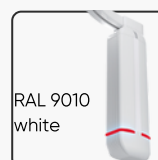


Cable management system



Manual override: in case of power failure, the curtain can be opened manually without damaging the system or the curtain.

Other RAL colours and coatings on request.
High quality, hard-wearing coating, colourfast,
UV-resistant.



The motor models

G-Motion GM4

- Robust standard motor for most applications.
- Compatible with the curtain track 6200 and a maximum curtain load and traction capacity of 40 kg (88lbs).
- Touch and go and Touch and stop features.
- Includes manual override in case of power outage.
- Extremely silent.

G-Motion GM6

- More powerful motor for larger systems and/or heavier curtains.
- Compatible with the curtain track 6200 and a maximum curtain load and traction capacity of 60 kg (132lbs).
- Touch and stop feature.
- Extremely silent.

G-Motion GM1

- Very powerful motor for larger systems and/or heavier curtains.
- Compatible with the curtain track 6200 and a maximum curtain load and traction capacity of 100 kg (220lbs).
- Silent.

Power supply

The G-Motion motors are available in the following versions:

- 24VDC
- 100-230VAC
- 100-230VAC Phase



Control

Default socket available*:

- Infrared receiver (IR)
- Potential-free switch/contact
- RS232
- Sunlight and darkness detector

Optional connection**:

- Radio receiver (RF)
- WiFi/Bluetooth receiver
- RS485

*The IR receiver, switch, or sunlight/darkness detector must be ordered separately.

** All three options can be integrated simultaneously. RF transmitters, iOS/Android applications, or RS485 connection cables must be ordered separately.

Properties Table

Standard Functions

Soft Start	✓
Soft Stop	✓
Intermediate Positions (Electronic Adjustment)	5
Final Positions (Electronic Adjustment)	✓
Built-in Timer with Recording Function	✓
Green Mode (Energy Saving)	option
Automatic Showroom Timer	✓
Setting via Infrared (IR)	✓
Setting via Radio Frequency (RF)	✓
External Setting (via 2 potential-free NO contacts)	✓
Setting via buttons on the motor	✓
Setting via an application	✓
Setting via client software	✓
LED Indicator	RGB
Reversible direction of opening and closing	✓
Programmable speed	3 param.
Programmable voltage	✓
CPS - Adjustable Touch and Go (GM4)	3 param.
CPS - Adjustable Touch and Stop (GM4 and GM6)	3 param.
Adjustable Sunlight Detector	5 param.
Adjustable Darkness Detector	5 param.

Control Options

Buttons on the motor unit	✓
Infrared Receiver (IR)	External
Radio Frequency (RF) Receiver	Internal
Smartphone / Tablet / Home Automation	✓
2 potential-free NO contacts (spring return switch or relay)	✓
Single button control (1 potential-free NO contact)	✓
Individual, group, and master control via potential-free contacts	✓
230VAC Switching (2x phases)	Internal
RS232 (Standard)	Internal
RS485	Internal
Z-wave	Internal
Bluetooth	Internal
WIFI	Internal
Sunlight and Darkness Detector	External
Timer (external in combination with RF)	✓
Hotel Motion Sensor	✓
Alarm Control (High Speed)	✓
CPS Touch and Go (GM4)	✓
CPS Touch and Stop (GM4 et GM6)	✓
Manual Control (GM4 Motor)	✓
Manual Control (PRS Pilot Release System)	option

Installation

Left or right motor ☒

Up motor (recessed) ☒

Hidden cables ☒

Technical specifications

Standard colors White, natural metallic, black

Electrical connections 24V DC plug, C7 plug, screw connector (100-230 VAC)

Voltage 100-230VAC or 24VDC

Sound level < 35 dB(A)

Operating temperature max. 50 °C

Code IP IP40

Maximum operating duration 2.5 minutes out of 10 minutes

Certificate CE, FCC, CCC

Dimensions (mm) 55 x 85 x 320 mm

Weight 1035 g (with adapter)

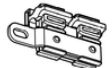


Power

Electric current		GM4	GM6	GM1
Torque		1.0 Nm	1.5 Nm	3.0 Nm
Electric current	24VDC	1.6 A	2.5 A	6 A
	230VAC	1.4 A	1.8 A	
Standard speed		14cm/s	15 cm/s	20 cm/s

Standard parts

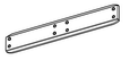
Curtain transport

	Reference	Type	Color
	4010	glider	white / grey / black
	6220	drive belt	grey
	6271-1000	pulley set	white / grey / black
	6274-3000	overlapping control device	white / natural metallic / black
	6275-3000	non-overlapping control device	white / natural metallic / black
	G-Motion GM4	max 40kg motor unit	white / grey / black
	G-Motion GM6	max 60kg motor unit	white / grey / black
	G-Motion GM1	max 100kg motor unit	white / grey / black

Mounting

	Reference	Type	Color
	6050	ceiling bracket	natural aluminum

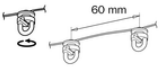
Accessory

	Reference	Type	Color
	6052	connecting bridge	natural aluminum

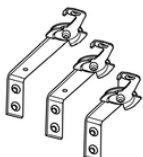
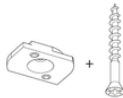
Subject to technical modifications

Optional parts

Curtain transport

	Reference	Type	Color
	2021	G-Hook	white
	4014-FLOW	Flow gliders 6cm(2-9/25") / 8cm(3-3/20") spacing	white / black
	4014-SWING	Swing gliders	white
	4020	heavy duty glider	white / grey / black
	6010	projection glider	white / grey / black
	6271-10UP	pulley set motor up	white / grey / black
	6272-1000	complete pulley set	white / grey / black
	6272-2000	intermediate pulley	white / grey / black
	6272-2000-090	corner pulley	white / grey / black

Mounting

	Reference	Type	Color
	4055	made-to-measure recutable ceiling upright max 200cm	white / natural metallic / black
	6015	extension bracket 5cm(2") / 7.5cm(3"), 10cm(4")	white / natural metallic / black
	6017	adjustable extension bracket 7-15cm (2-3/4" - 6")	white / grey / black
	6051	wall support	white / natural metallic / black
	6055-1000	ceiling support	white / natural metallic / black
	6055-3100-N-040	profile insert for recessed	white / grey / black

Accessory

	Reference	Type	Color
	6045-001G	radio remote control 1 channel	white
	6045-006G	radio remote control 6 channels	white

	Reference	Type	Color
	6045-080G	radio remote control 80 channels	white
	6045-2100X	radio receiver	white



Since 1978



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