



Roller Blinds Product Brochure

www.shadow-system.pl

living with style





The complex offer of internal roller blinds produced by Shadow-System is based on proven systems of the biggest European suppliers: Benthin and Coulisse. They are characterised by outstanding attention to quality, precision of workmanship as well as modernity of solutions applied. All those features result in durable and reliable operation of products manufactured based on these systems. Our tailor-made solutions, always produced with top care are ideal for both domestic and office applications, where the need of an increased intensity of use is to be fulfilled. The diversity of applications and combination of technical possibilities with decorative values of internal roller blinds offered by us allow finding an optimal solution even for the most demanding customer.

The complete portfolio of blinds includes:

BENTHIN

- **Free hanging roller blinds:** it is the simplest and thus the most functional form of decorative sun protection, mounted outside the window frame. It is particularly recommended to cover large window surfaces and the whole window recesses. Free hanging roller blind may be mounted both inside and outside a window recess. You can find two different systems of free hanging roller blinds in our offer: the **Decomatic** system from the German company **Benthin** and the **Smart** system from the **Coulisse** company.
- **Mini roller blinds:** they are roller blinds with reduced external sizes, mounted directly at the window pane, onto the window frame and optically combined with it. Due to their small sizes and placing at the glass pane itself, they do not take much space in the room, which is normally required by free hanging roller blinds.
- **Roof roller blinds:** mounted directly in the frame of a roof window and optically integrated with it. In the range of roof roller blinds our offer is based on the **Skylight** system from the Dutch company Coulisse. It is composed of two models of roller blinds, each with different operation type.
- **SOMFY®, COULISSE® and VESTAMATIC® electric motors and controls-** solutions and detailed information.

Details on pages

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Details on pages

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Details on pages


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Details on pages

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coulisse
DECOMATIC
DECORATION SOLUTIONS



QR codes: In some products descriptions you will find **QR codes** (and www links) directing you to the Internet websites with videos showing the operation and assembly of a given product in details. We encourage you to get familiar with the video materials because they give helpful information on new products from our offer: system of free hanging **SMART** roller blinds and the **SKYLIGHT** roof roller blinds. 

QR scanner you can find in Google Play or in App Store.



SHADOW-SYSTEM is a Polish company from the Tri-city area with over 20-year experience in production of exclusive window products. Our main goal is to find and offer our customer an optimal solution for the window decoration so that our premium blinds, produced with greatest care, bring full satisfaction from the every-day use. Our mission is to create the market of cover products, combining the highest quality, functionality and aesthetics.



Electric motors: Technological development enables using solutions that improve the functionality of household appliances in our everyday life, thereby affecting our life comfort. Free hanging roller blinds we supply may be equipped with electrical elements which enable to control blinds by smartphone or tablet from anywhere in the world.

A wide product offer of remote controls for roller blinds enables to find the optimal solution for each individual case. Thanks to new management systems it is possible to control blinds in several rooms by a multi-function remote control or by smartphone application. Control centres in a smart home allow programming certain modes of action for a particular time of day and particular days of week, so that the roller blinds can automatically roll down or up according to the household members' expectations.



1-channel remote control
It controls a single roller blind or one group of blinds at the same time using radio technology.



16-channel remote control
It controls up to 16 roller blinds or groups of blinds in several rooms simultaneously using radio technology. Remote control with LCD display.



TaHoma control centre in smart home
Enables the control of multiple home devices via internet.



Wi-Fi bridge
Enables the control of up to 30 roller blinds simultaneously via mobile app.



Home automation
It enables the control of unlimited number of multiple home devices and integration of motorised blinds with home and building automation networks and systems.

somfy. **coulisse**
Rollerblinds & Accessories

More technical information on electric drives on pages 38 - 49.



Employees. We believe that people create the company's value and determine its success. Highly qualified and experienced employees are a guarantee of highest quality of the products we produce. The core of our staff consists of experienced employees, attached to the company from almost the very beginning of its existence, who with their knowledge and experience support the new ones who have just started their adventure with our company. All our customers can count on comprehensive and professional support from our employees in order to obtain the product which is best tailored for their needs and expectations.

ROLLER BLIND FABRICS FOR DOMESTIC AND OFFICE AREAS

Over the last couple of years there has been a significant change in trends and customers' preferences as for the internal sun protection. Roller blinds are no longer perceived as a product which sole purpose is to protect the room against sunlight and the neighbour's sight. A roller blind has become a part of interior decor and therefore, apart from their purely technical functions, it must also meet decorative functions.

Trying to meet the expectations of all our customers, we have created a collection composed of over 450 fabrics in modern designs. We are convinced that our offer allows each user to find his own style and obtain such effect that is expected from the highest quality goods. The entire collection of roller blind fabrics includes fabrics with diverse light transmissions - from totally transparent fabrics through fabrics protecting from undesired views but providing the sunlight supply, up to the perfectly blinding textiles of blackout type. Rich colours as well as the variety of structures and patterns ensure suitable material for each interior.





FABRIC OF „SCREEN“ TYPE FUNCTIONALITY WITH A MODERN TWIST

The roller blind fabric of Screen type is a unique functional solution which will be perfect for office rooms, public utility buildings and residential buildings with huge glazings. An untypical texture of this textile, which is a combination of glass fibres and plastics PVC makes it a solar barrier that reflects UV rays effectively, protecting the eyesight from sharp sunlight and preventing rooms from heating up. The textile fibres are arranged so that along with the interior shading the observation of view behind the window would be possible. It is also worth adding that a great advantage of these fabrics is their resistance to damage and easy cleaning surface. In the offer you will find a wide variety of colours of the SCREEN type fabrics with different opening/translucency factors (OF), which allows for perfect adjustment of coverings to the character of each space.



DIMENSIONALE TYPEN UND BEREICHE VON ROLLOS IM DECOMATIC®-SYSTEM

		CLASSIC - RC				MEDIUM - RM				MEDIUM PLUS - RMP				LARGE - RL						
Kette Feder Vario Motor Seitenführung Seitenprofil Volant	Träger					Träger					Träger					Träger				
	RC10	RC11	RC12	RC13	RM10	RM11	RM12	RM13	RMP10	RMP11	RMP12	RMP13	RMP14	RL10	RL11	RL12	RL13			
	max. Breite 240 cm - Höhe 300 cm*				max. Breite 280 cm - Höhe 300 cm*				max. Breite 320 cm - Höhe 340 cm*				max. Breite 4,00 m - Höhe 4,00 m*							
	RC20	RC21	RC22	RC23																
	max. Breite 200 cm - Höhe 200 cm*																			
					RC52															
	max. Breite 100 cm - Höhe 200 cm* (150 cm x 150cm)																			
	RC60	RC61	RC62	RC63	RM60	RM61	RM62	RM63	RMP60	RMP61	RMP62	RMP63	RMP64	RL60	RL61	RL62	RL63			
	max. Breite 240 cm - Höhe 300 cm*				max. Breite 280 cm - Höhe 300 cm*				max. Breite 320 cm - Höhe 340 cm*				max. Breite 4,00 m - Höhe 4,00 m*							
	RC10	RC11	RC12	RC13	RM10	RM11	RM12	RM13	RMP10	RMP11	RMP12	RMP13	RMP14	RL10	RL11	RL12	RL13			
RC60	RC61	RC62	RC63	RM60	RM61	RM62	RM63	RMP60	RMP61	RMP62	RMP63	RMP64	RL60	RL61	RL62	RL63				
RC10	RC11	RC12	RC13	RM10	RM11	RM12	RM13	RMP10	RMP11	RMP12	RMP13	RMP14	RL10	RL11	RL12	RL13				
RC60	RC61	RC62	RC63	RM60	RM61	RM62	RM63	RMP60	RMP61	RMP62	RMP63	RMP64	RL60	RL61	RL62	RL63				

* ABHÄNGIG VON MATERIAL

RC - CLASSIC ROLLER BLINDS

Program Classic of free hanging roller blinds offers a wide range of operation types: from the most popular chain operated blinds, through roller blinds with an interlock spring mechanism, up to roller blinds with an electric drive. Compact system components enable to built different models of roller blinds from the simplest ones - with exposed tube, mounted directly on brackets - up to fully automated ones which operation is possible with smartphone applications. Moreover, these roller blinds - depending on the model - may be equipped with additional options, giving blinds new functionalities or changing their look.



Technical data: Classic

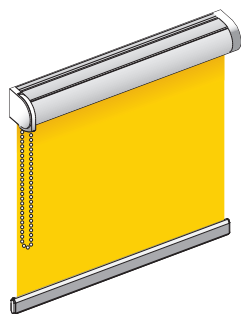
Maximum dimensions: width 240 cm *
height 300 cm *
Maximum fabric weight: 5 kg
Tubes: **Ø27mm or Ø32mm**

Colours:

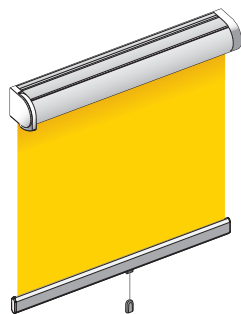


* depending on the fabric type and the model of a roller blind

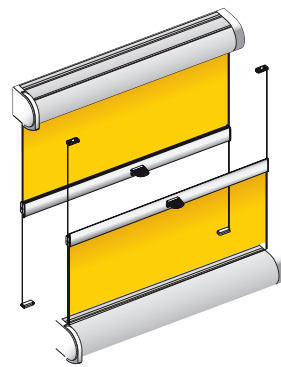
Types of operation:



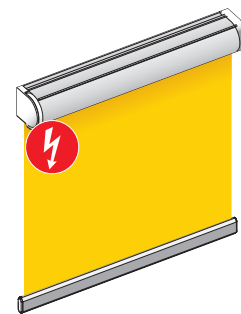
1. chain



2. spring



3. spring with vario handle



4. motor

Motors for Classic roller blinds:

somfy.

Roll Up 28 WT 24V



somfy.

Tubular drive 28 mm is controlled by a wire through polarisation change and powered by a power adapter. Nominal alternating torque 0,8 Nm. It is also used in Medium roller blinds (RM).

Roll Up WireFree™ R28 RTS



somfy.

Motor powered by batteries (lithium batteries) or optionally by photovoltaic pack. It is controlled by remote controls or with other transmitters in the RTS technology. Simple installation does not require an electrician.

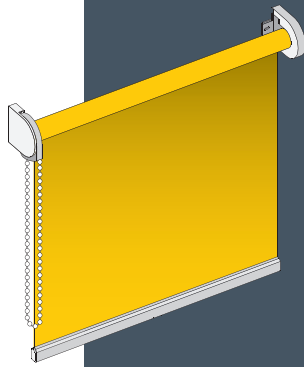
Sonesse 28 WF RTS Li-Ion



somfy.

Ultra quiet motor for medium and large roller blinds powered by a built-in rechargeable battery. It is controlled by remote controls and switches in the RTS technology. LED indicator informs on battery charge level.

More technical information on motors on pages 44 - 53.



RC10 - Chain operated
RC60 - Motor operated
Roller blind with brackets
 chain or motor operated

width: max. 2,40 m
 height: max. 3,00 m
 mounting: wall, ceiling or window frame
 operation: RC10 / standard chain or endless chain
 RC60 / motor
 operation side: left or right
 operation length: standard chain: 75 % of roller blind height

ADDITIONAL OPTIONS



side guiding
 page 12

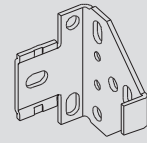


valance
 page 14



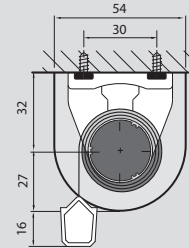
metal chain
 page 12

STANDARD MOUNTING

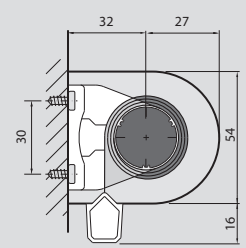


universal bracket 33 mm

TYPES OF MOUNTING

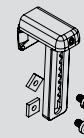


ceiling mounting

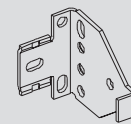


wall mounting

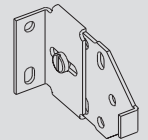
OPTIONAL MOUNTING



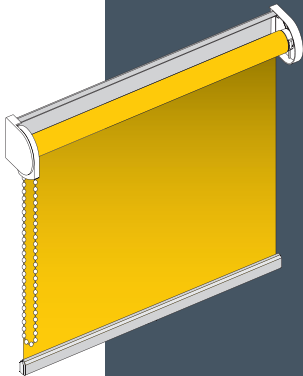
block holder



long bracket
 45 mm



adjustable bracket
 (37 - 52 mm)



RC11 - Chain operated
RC61 - Motor operated
Roller blind with support profile
 chain or motor operated

width: max. 2,40 m
 height: max. 3,00 m
 mounting: wall, ceiling or window frame
 operation: RC11 / standard chain or endless chain
 RC61 / motor
 operation side: left or right
 operation length: standard chain: 75 % of roller blind height

ADDITIONAL OPTIONS



side guiding
 page 12

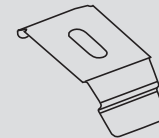


valance
 page 14

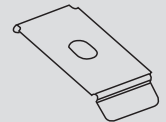


metal chain
 page 12

STANDARD MOUNTING

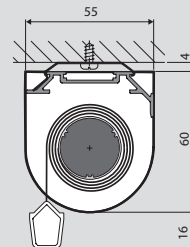


standard clip

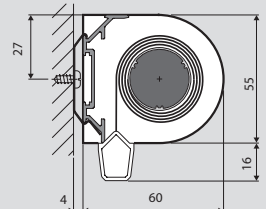


flat clip

TYPES OF MOUNTING

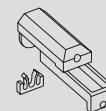


ceiling mounting

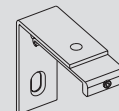


wall mounting

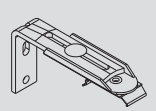
OPTIONAL MOUNTING



block holder

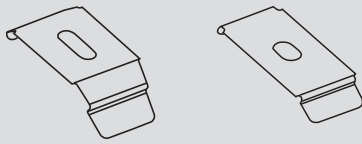


bracket 33 mm



adjustable bracket
 (60 - 108 mm
 108 - 156 mm
 156 - 204 mm)

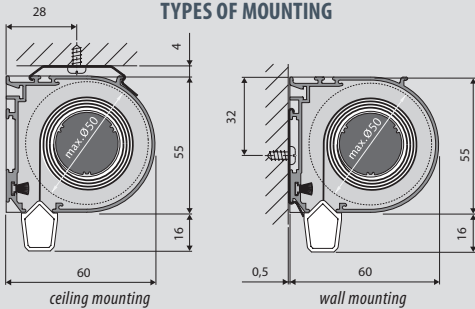
STANDARD MOUNTING



standard clip

flat clip

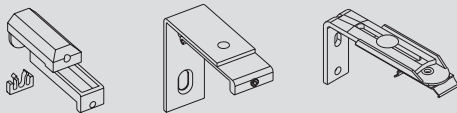
TYPES OF MOUNTING



ceiling mounting

wall mounting

OPTIONAL MOUNTING



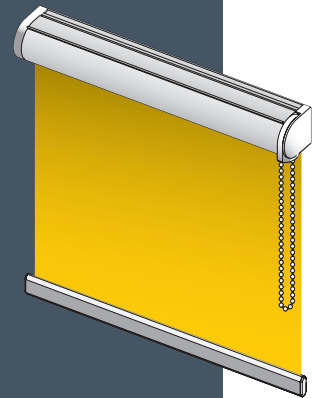
block holder

bracket 33 mm

adjustable bracket
(60 - 108 mm
108 - 156 mm
156 - 204 mm)

RC12 - Chain operated
RC62 - Motor operated
Roller blind with round cassette
chain or motor operated

width: max. 2,40 m
height: max. 3,00 m
mounting: wall, ceiling or window frame
operation: RC12 / standard chain or endless chain
RC62 / motor
operation side: left or right
operation length: standard chain: 75 % of roller blind height



ADDITIONAL OPTIONS



side guiding

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valance

page 14



metal chain

page 12



side profiles

page 13

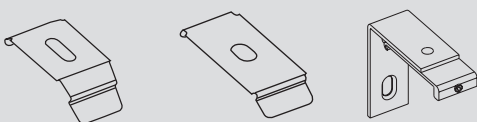


bottom closing profile

page 14

! The cassette has a limited capacity. A thickness of the fabric determines the maximum possible height of a roller blind.

STANDARD MOUNTING

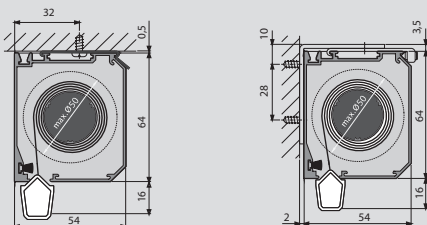


standard clip
(ceiling installation)

flat clip

bracket 33 mm
(wall installation)

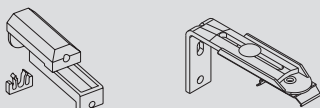
TYPES OF MOUNTING



ceiling mounting

wall mounting

OPTIONAL MOUNTING

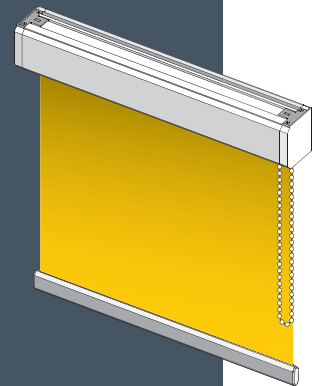


block holder

adjustable bracket
(60 - 108 mm
108 - 156 mm
156 - 204 mm)

RC13 - Chain operated
RC63 - Motor operated
Roller blind with square cassette
chain or motor operated

width: max. 2,40 m
height: max. 3,00 m
mounting: wall, ceiling or window frame
operation: RC13 / standard chain or endless chain
RC63 / motor
operation side: left or right
operation length: standard chain: 75 % of roller blind height



ADDITIONAL OPTIONS



side guiding

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valance

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metal chain

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side profiles

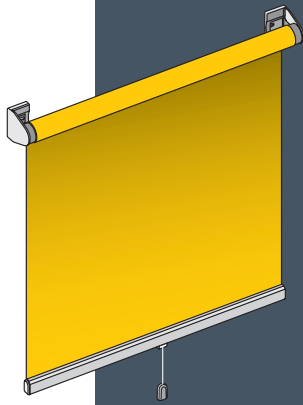
page 13



bottom closing profile

page 14

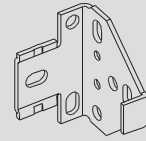
! The cassette has a limited capacity. A thickness of the fabric determines the maximum possible height of a roller blind.



RC20
Roller blind with brackets
spring

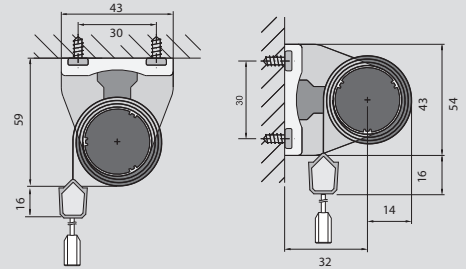
width: max. 2,00 m
height: max. 2,00 m
operation: cord with a pull
mounting: wall, ceiling or window frame

STANDARD MOUNTING



universal bracket 33 mm

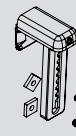
TYPES OF MOUNTING



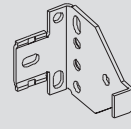
ceiling mounting

wall mounting

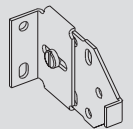
OPTIONAL MOUNTING



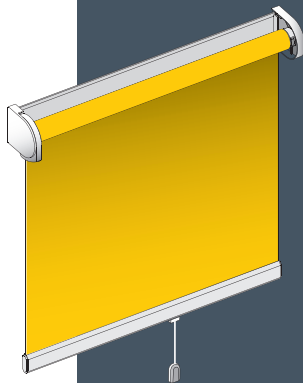
block holder



long bracket
45 mm



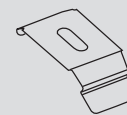
adjustable bracket
(from 37 to 52 mm)



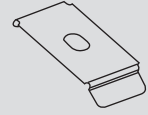
RC21
Roller blind with support profile
spring

width: max. 2,00 m
height: max. 2,00 m
operation: cord with a pull
mounting: wall, ceiling or window frame

STANDARD MOUNTING

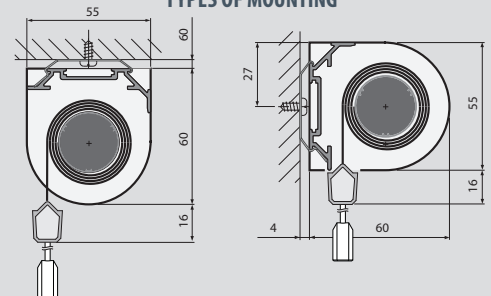


standard clip



flat clip

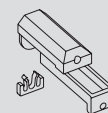
TYPES OF MOUNTING



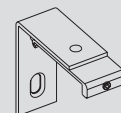
ceiling mounting

wall mounting

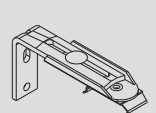
OPTIONAL MOUNTING



block holder

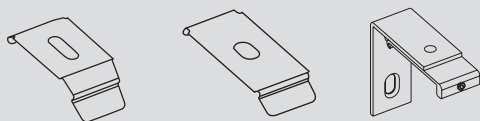


bracket 33 mm



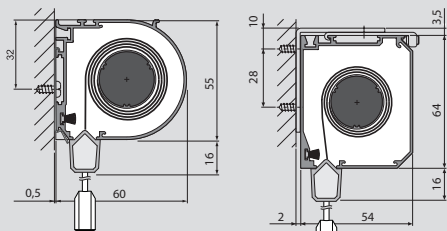
adjustable bracket
(60 - 108 mm
108 - 156 mm
156 - 204 mm)

STANDARD MOUNTING



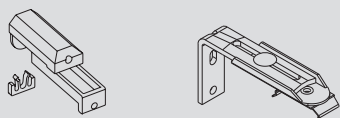
standard clip (ceiling installation) flat clip bracket 33 mm (wall installation)

TYPES OF MOUNTING



ceiling mounting (round cassette) wall mounting (square cassette)

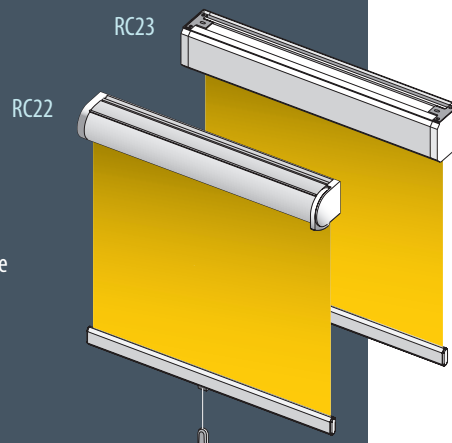
OPTIONAL MOUNTING



block holder adjustable bracket (60 - 108 mm, 108 - 156 mm, 156 - 204 mm)

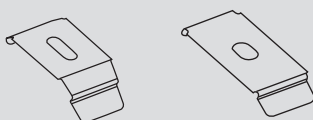
RC22 / RC23
Roller blind with round / square cassette
spring

- width: max. 2,00 m
- height: max. 2,00 m
- operation: cord with a pull
- mounting: wall, ceiling or window frame
- cassette: RC 22 type - round cassette
RC 23 type - square cassette



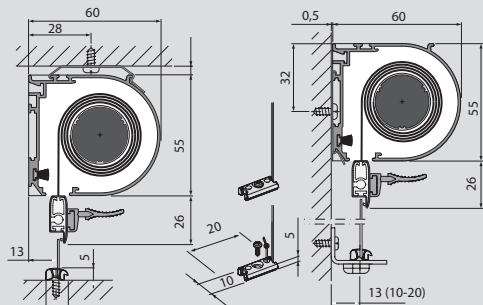
! The cassette has a limited capacity. A thickness of the fabric determines the maximum possible height of a roller blind.

STANDARD MOUNTING



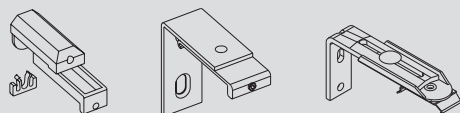
standard clip flat clip

TYPES OF MOUNTING



ceiling mounting wall mounting

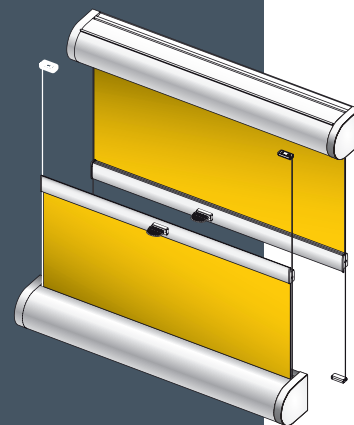
OPTIONAL MOUNTING



block holder bracket 33 mm adjustable bracket (60 - 108 mm, 108 - 156 mm, 156 - 204 mm)

RC52
Vario roller blind with round cassette
with operation handle

- width: max. 1,00 m (max. height 2,00 m)
max. 1,50 m (max. height 1,50 m)
- height: max. 1,50 m (max. width 1,50 m)
max. 2,00 m (max. width 1,00 m)
- operation: vario handle
- mounting: wall, ceiling or window frame



ADDITIONAL OPTIONS



side profiles

page 13

! The cassette has a limited capacity. A thickness of the fabric determines the maximum possible height of a roller blind.

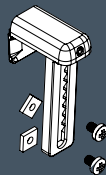


ADDITIONAL OPTIONS FOR CLASSIC ROLLER BLINDS

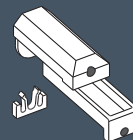


NON-INVASIVE MOUNTING

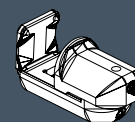
Non-invasive mounting for PVC windows – special brackets enable to install a roller blind on a window frame without the necessity of drilling holes. A roller blind mounted this way may be easily and quickly dismantled without leaving any mark.



for roller blinds with brackets



for roller blinds in cassettes

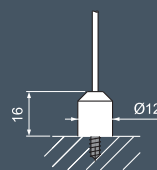


for side guiding

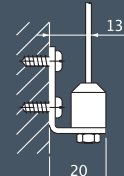


SIDE GUIDING

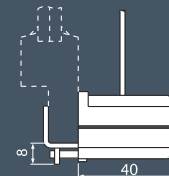
Side guiding – system of nylon cords, mounted alongside the roller blinds edges, responsible for keeping a fabric and a bottom weight close to window frame while opening or tilting a window.



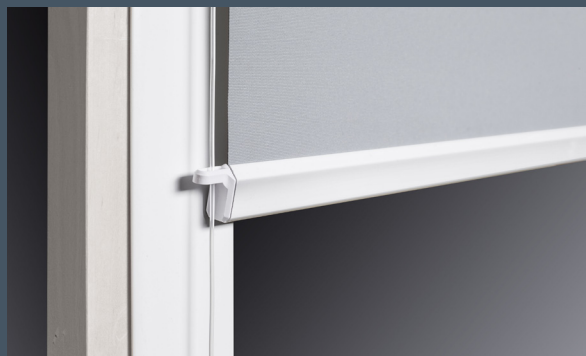
mounting directly to the base



mounting with a wall bracket

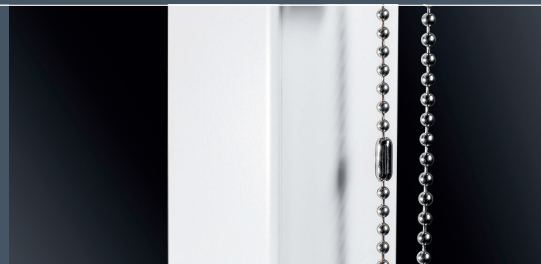
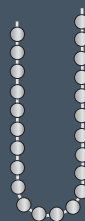


mounting with a block holder



METAL CHAIN

Metal chain - the roller blinds operation element, it is used instead of a standard PVC chain in order to give a blind an elegant and modern look.





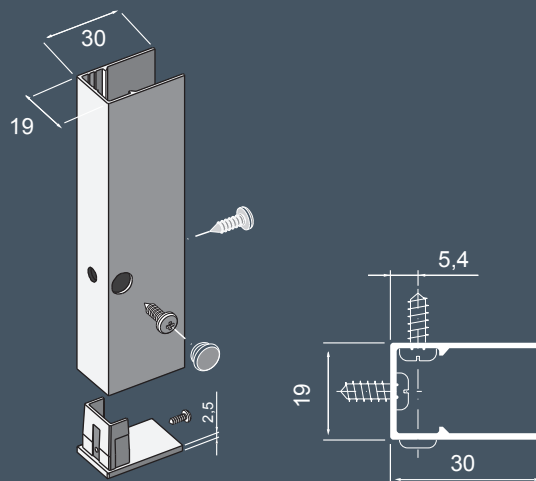
ADDITIONAL OPTIONS FOR CLASSIC ROLLER BLINDS



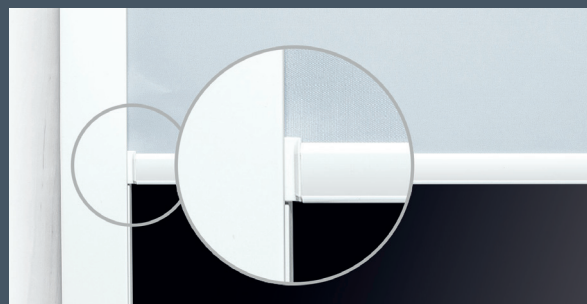
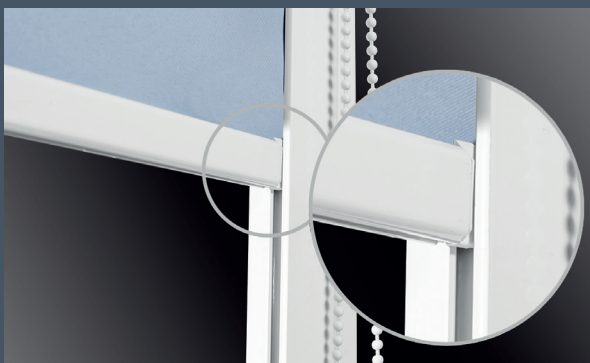
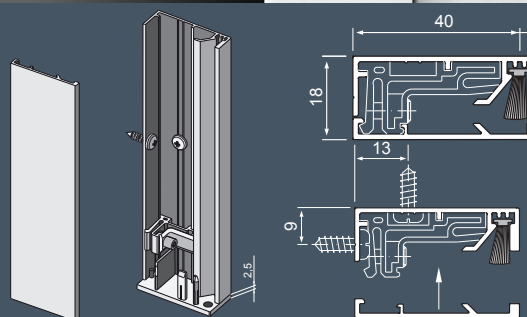
SIDE PROFILES - aluminium profiles mounted alongside the edge of roller blinds. They reduce sunlight transmission and provide the fabrics even rolling down and keeping it in a vertical plane. The recommended maximum height of side profiles for CLASSIC roller blinds is 220 cm.

Program Classic offers two types of side profiles:

1. Side profiles of „U” type (1-piece) – made of one side opened aluminium profiles, in which a bottom weight of a roller blind slides. They may be taped or screwed (standard) to the window frame or fixed to the wall with screws- inside or in front of the window recess.



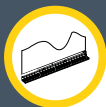
2. Two-piece side profiles - consist of two semi-profiles in which a bottom weight and a fabric slide. A brush may be used, which reduces the light transmission and - what can be very significant - obstructs the insects passing through. Optionally you can use fabric tensioners, preventing the fabric from slipping out of the side profiles e.g. because of draughts.



SIDE PROFILES

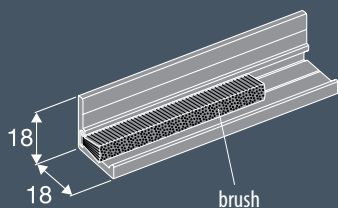


ADDITIONAL OPTIONS FOR CLASSIC ROLLER BLINDS



BOTTOM CLOSING PROFILE

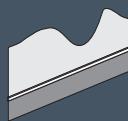
Bottom closing profile with a brush is an additional element next to the side profiles, which reduces the light transmission. It may be used in combination with side profiles of „U” type and two-pieces side profiles.



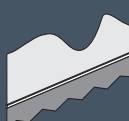
VALANCE

Valance – decorative finishing of a roller blind weight, which gives a blind a special charm. In standard valant is made of the same fabric as the roller blind, but it can also be made of any other fabrics available in the collection. You can choose from 4 valance's shapes: plain, triangle, rectangle and wave.

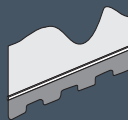
RC10-RC13
RC60-RC63



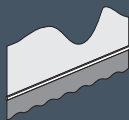
PLAIN



TRIANGLE



RECTANGLE



WAVE

Valance with tape – additional option possible to be applied at valance is hemming its lower edges with a decorative white tape.

VALANCE WITHOUT TAPE



VALANCE WITH TAPE



VALANCE WITHOUT TAPE



VALANCE WITH TAPE

RM - MEDIUM ROLLER BLINDS

Program Medium is designed mainly for roller blinds of bigger sizes which could not be produced based on the Classic system. The size of roller blinds translates into its weight, therefore there are reinforced components and tubes with bigger diameters used to provide smooth operation of heavier roller blinds in the Medium program. Operation variants available in the Medium program are limited to two best operation-adjusted bigger roller blinds: chain or motor.



Technical data: Medium

Maximum dimensions: width 280 cm *
height 300 cm *
Maximum fabric weight: 5 kg
Tubes: Ø29 mm, Ø38 mm or Ø44 mm
Colours:



WHITE



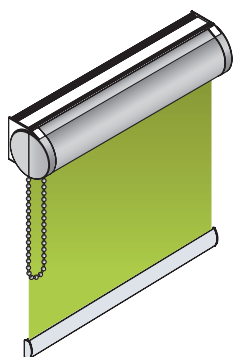
SILVER



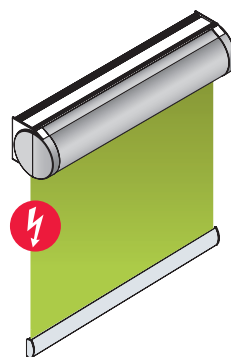
BLACK

* depending on the fabric and the model of roller blind

Types of operation:



1. chain



2. motor

Motors for Medium roller blinds:

somfy.

Sonessse ULTRA 30 WF RTS Li-Ion



somfy.

Ultra quiet 12 V motor for medium free hanging roller blinds, powered by an in-built rechargeable battery. It is controlled by remote controls and switches in the RTS technology. Simple installation does not require an electrician.

Sonessse 30 RTS



somfy.

The motor with the biggest torque among Somfy motors 24 V voltage. Adjustable rotational speed of the drive (from 6 to 28 rev. / min.) Very low noise level - below 44 dB.

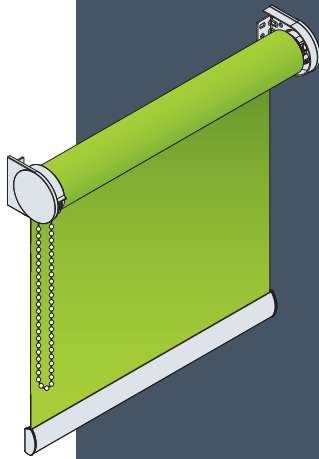
Sonessse 40 io



somfy.

The newest version of a quiet Sonessse motor based on the io technology. Powered with 230 V voltage, radio-controlled io - home-control. The level of generated noise below 44 dB.

More technical information on motors on pages 44 - 53.



RM10 - Chain operated
RM60 - Motor operated
Roller blind with brackets
 chain or motor operated

width: max. 2,80 m
 height: max. 3,00 m
 mounting: wall, ceiling
 operation: RM10 / standard chain or endless chain
 RM60 / motor
 operation side: left or right
 operation length: standard chain: 75 % of a roller blind height

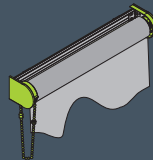
ADDITIONAL OPTIONS



side guiding
page 18



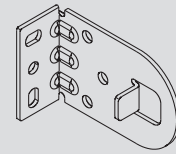
metal chain
page 18



decorative set
page 18

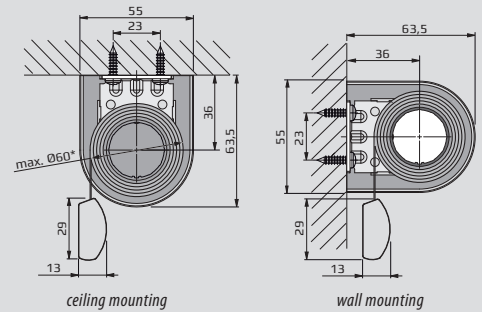
There might be a necessity of joining (glueing/sewing) fabric in large surfaced roller blinds, which in case of patterned fabrics might not be possible.

STANDARD MOUNTING

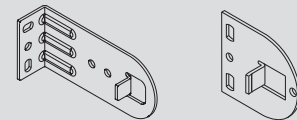


universal bracket 33 mm

TYPES OF MOUNTING

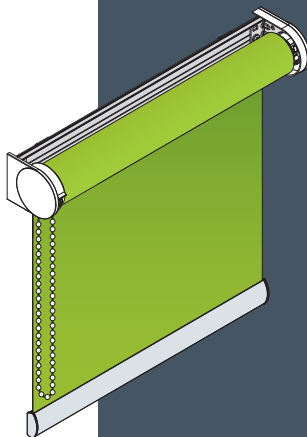


OPTIONAL MOUNTING



long bracket 61 mm

bracket
(to mounting in the recess)



RM11 - Chain operated
RM61 - Motor operated
Roller blind with support profile
 chain or motor operated

width: max. 2,80 m
 height: max. 3,00 m
 mounting: wall, ceiling
 operation: RM11 / standard chain or endless chain
 RM61 / motor
 operation side: left or right
 operation length: standard chain: 75 % of a roller blind height

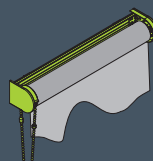
ADDITIONAL OPTIONS



side guiding
page 18



metal chain
page 18



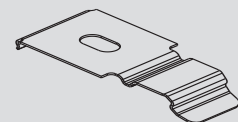
decorative set
page 18

There might be a necessity of joining (glueing/sewing) fabric in large surfaced roller blinds, which in case of patterned fabrics might not be possible.



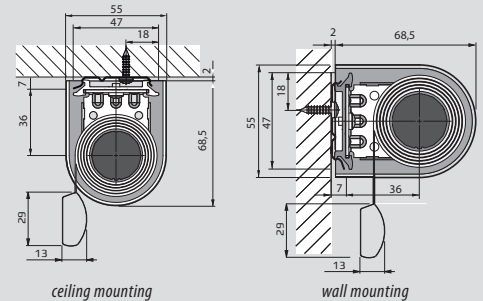
For the RM 11 (RM 61) model it is possible to use a DAY / NIGHT fabric type - more information in the product brochure DAY / NIGHT roller blinds.

STANDARD MOUNTING

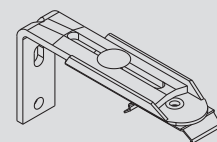


clip

TYPES OF MOUNTING

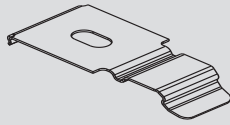


OPTIONAL MOUNTING



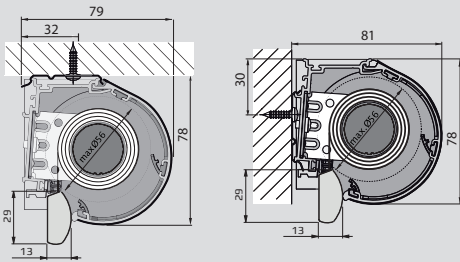
adjustable bracket
 (60 - 108 mm
 108 - 156 mm
 156 - 204 mm)

STANDARD MOUNTING



clip

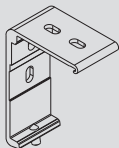
TYPES OF MOUNTING



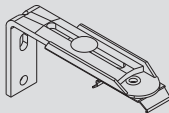
ceiling mounting

wall mounting

OPTIONAL MOUNTING



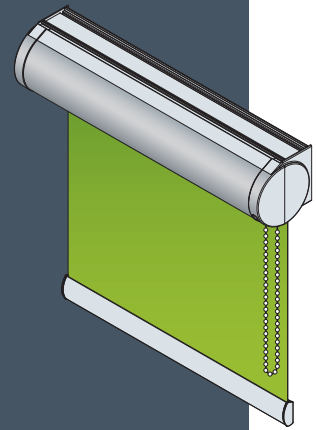
bracket 33 mm



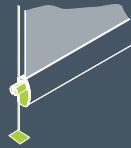
adjustable bracket
(60 - 108 mm
108 - 156 mm
156 - 204 mm)

RM12 - Chain operated
RM62 - Motor operated
Roller blind with round cassette
chain or motor operated

width: max. 2,80 m
height: max. 3,00 m
mounting: wall, ceiling
operation: RM12 / standard chain or endless chain
RM62 / motor
operation side: left or right
operation length: standard chain: 75 % of roller blind height



ADDITIONAL OPTIONS



side guiding

page 18



metal chain

page 18



side profiles

page 18



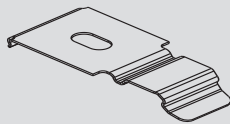
bottom closing profile

page 18

The cassette has a limited capacity. A thickness of the fabric determines the maximum possible height of a roller blind.

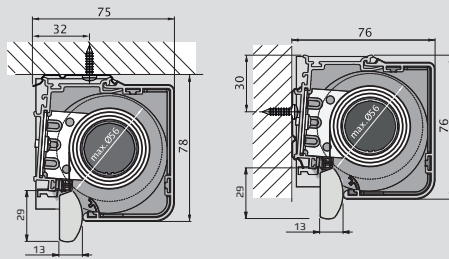
IMPORTANT For the RM 12 (RM 62) model it is possible to use fabric of the DAY / NIGHT fabric type - more information in the product brochure DAY / NIGHT roller blinds.

STANDARD MOUNTING



clip

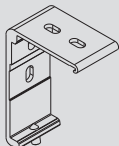
TYPES OF MOUNTING



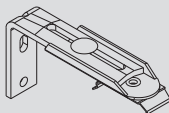
ceiling mounting

wall mounting

OPTIONAL MOUNTING



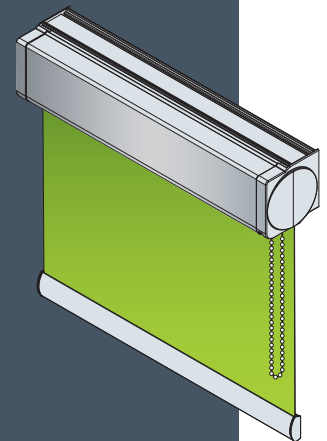
bracket 33 mm



adjustable bracket
(60 - 108 mm
108 - 156 mm
156 - 204 mm)

RM13 - Chain operated
RM63 - Motor operated
Roller blind with square cassette
chain or motor operated

width: max. 2,80 m
height: max. 3,00 m
mounting: wall, ceiling
operation: RM13 / standard chain or endless chain
RM63 / motor
operation side: left or right
operation length: standard chain: 75 % of a roller blind height



ADDITIONAL OPTIONS



side guiding

page 18



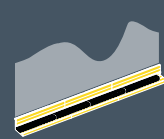
metal chain

page 18



side profiles

page 18



bottom closing profile

page 18

The cassette has a limited capacity. A thickness of the fabric determines the maximum possible height of a roller blind.

IMPORTANT For the RM 13 (RM 63) model it is possible to use a DAY / NIGHT fabric type - more information in the product brochure DAY / NIGHT roller blinds.

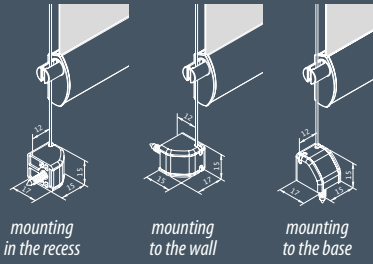


ADDITIONAL OPTIONS FOR MEDIUM ROLLER BLINDS



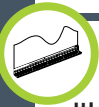
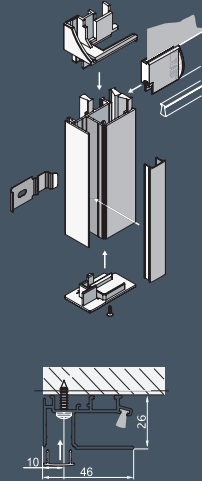
SIDE GUIDING

Side guiding - system of nylon cords, mounted alongside a roller blind: responsible for keeping the fabric and the bottom weight of a roller blind at the window frame while opening or tilting a window.



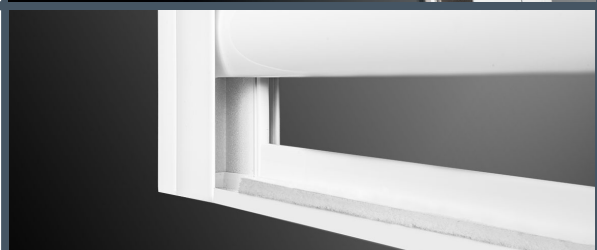
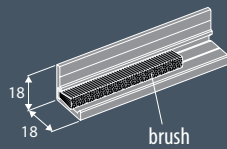
SIDE PROFILES

Side profiles - are mounted alongside a roller blind. They reduce sunlight transmission into a room to minimum, ensuring free and even roller blinds lowering at the same time. Side profiles in Medium roller blinds are equipped with a brush which additionally reduces the light transmission and - what can be very significant - obstructs the insects passing through. Optionally you can use fabric tensioners preventing a fabric from slipping out of the guiding e.g. because of draughts.



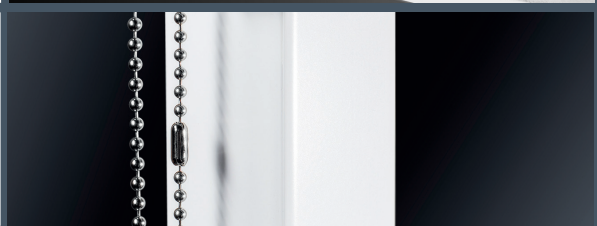
BOTTOM CLOSING PROFILE

Closing profile with brush - is an additional element next to side profiles, whose task is to reduce the window translucency. It may be used in combination with side profiles.



METAL CHAIN

Metal chain - the roller blinds operation element, it is used instead of a standard PVC chain in order to give a blind an elegant and modern look.



METAL DECORATIVE SET

Decorative set: additional option available for the RM10 model, used instead of standard PVC side supports. The set consists of: side caps and metal chain.

Decorative set for the RM11 model consist of decorative support profile, side caps and metal chain.

The application of this set emphasises an aesthetic visual impression of a roller blind, distinguishing it from standard models. Metal elements enrich the look of roller blinds and interior. This option is available in two colours:

RM10



chrome

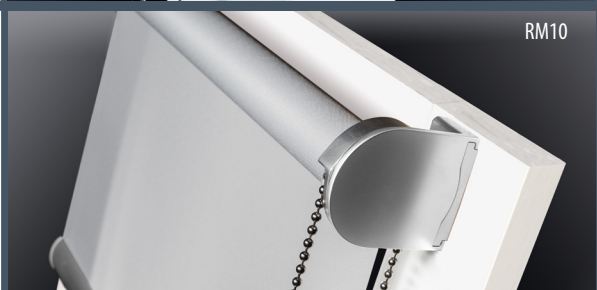


champagne

RM11

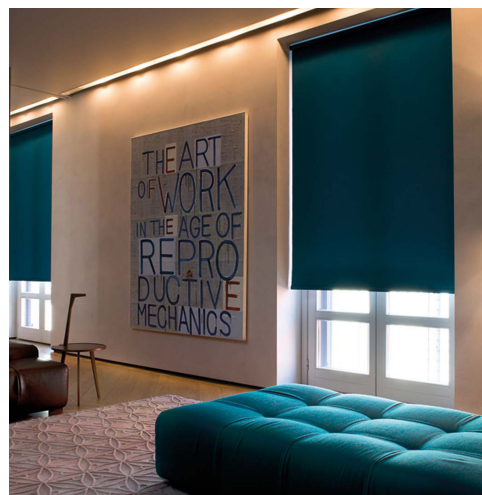


chrome



RMP - MEDIUM PLUS ROLLER BLINDS

Medium Plus is a system created on the basis of the Large program. It has the same operating variants and technical solutions, the Medium Plus system closes the gap between medium and large roller blinds. The capacity of the cassettes has been considerably increased in comparison to the Medium roller blinds, which enables the use of tubes with a larger diameter and allows using of longer lengths of fabric. It is of particular importance when using thick and heavy roller blind fabrics. It should be emphasized that the RMP14 roller blind model, which is equipped with a front cover, is visually almost similar to a cassette roller blind and covers the winding tube and the fabric.



Technical data:

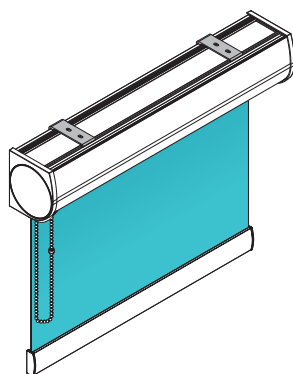
Maximum dimensions: width 320 cm *
height 340 cm *
Maximum fabric weight: 7,5 kg
Tube: **Ø38 mm, Ø44 mm or Ø52 mm**

Colours:

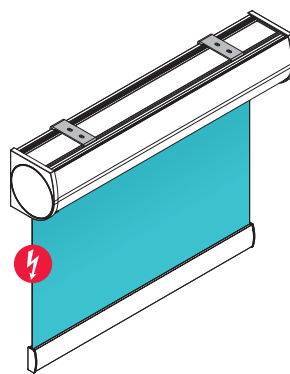


* depending on the fabric and the model of roller blind

Types of operation:



1. chain



2. motor

Motors for Medium Plus roller blinds:



Sonessé ULTRA 30 WF RTS Li-Ion



somfy.

Ultra quiet 12 V motor for medium free hanging roller blinds, powered by an in-built rechargeable battery. It is controlled by remote controls and switches in the RTS technology. Simple installation does not require an electrician.

Sonessé 30 RTS



somfy.

The motor with the biggest torque among Somfy motors 24 V voltage. Adjustable rotational speed of the drive (from 6 to 28 rev./ min.) Very low noise level - below 44 dB.

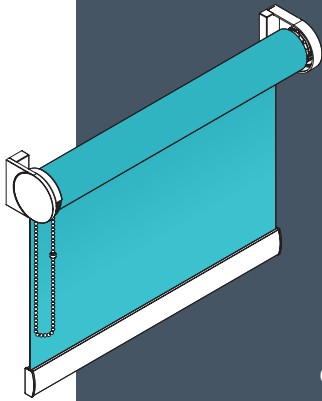
Sonessé 40 PA / RTS



somfy.

Compact and quiet motor for internal coverings - works at the level below 45 dB; powered with 230 V AC voltage. Available in two versions: PA - wire control and RTS - radio-control.

More technical information on motors on pages 44 - 53.

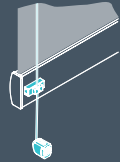


RMP10 - Chain operated
RMP60 - Motor operated
Roller blind with brackets

chain or motor operated

- width: max. 3,20 m
- height: max. 3,40 m
- mounting: wall, ceiling
- operation: RMP10 / standard chain or endless chain
RMP60 / motor
- operation side: left or right
- operation length: standard chain: 75 % of a roller blind height

ADDITIONAL OPTIONS



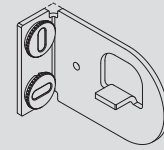
side guiding
S. 0



metal chain
S. 0

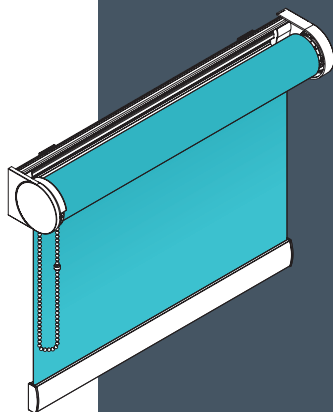
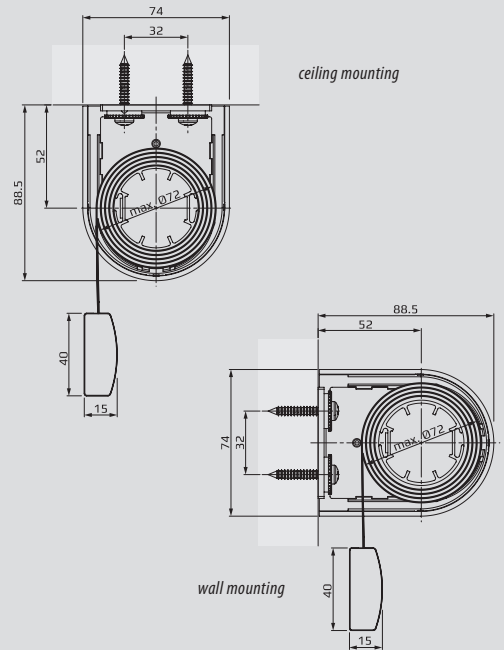
There might be a necessity of joining (glueing/sewing) fabric in large surfaced roller blinds, which in case of patterned fabrics might not be possible.

STANDARD MOUNTING



universal bracket

TYPES OF MOUNTING

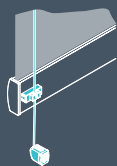


RMP11 - Chain operated
RMP61 - Motor operated
Roller blind with support profile

chain or motor operated

- width: max. 3,20 m
- height: max. 3,40 m
- mounting: wall, ceiling
- operation: RMP11 / standard chain or endless chain
RMP61 / motor
- operation side: left or right
- operation length: standard chain: 75 % of a roller blind height

ADDITIONAL OPTIONS



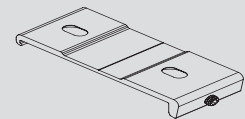
side guiding
S. 0



metal chain
S. 0

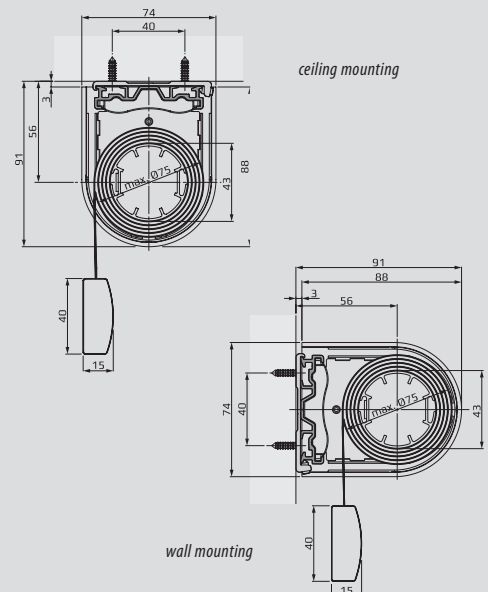
There might be a necessity of joining (glueing/sewing) fabric in large surfaced roller blinds, which in case of patterned fabrics might not be possible.

STANDARD MOUNTING

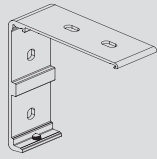


clip

TYPES OF MOUNTING

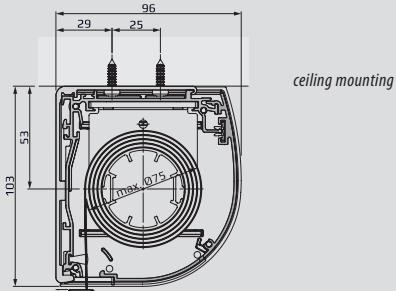


STANDARD MOUNTING

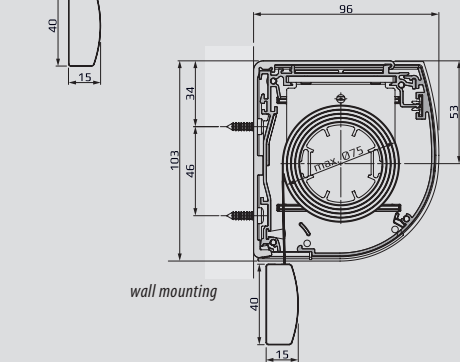


clip

TYPES OF MOUNTING



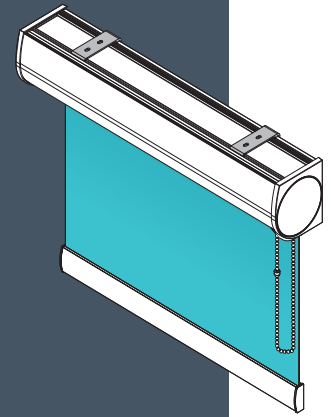
ceiling mounting



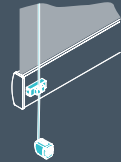
wall mounting

RMP12 - Chain operated
RMP62 - Motor operated
Roller blind with round cassette
chain or motor operated

width: max. 3,20 m
height: max. 3,40 m
mounting: wall, ceiling
operation: RMP12 / standard chain or endless chain
RMP62 / motor
operation side: left or right
operation length: standard chain: 75 % of a roller blind height



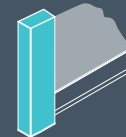
ADDITIONAL OPTIONS



side guiding
S. 0



metal chain
S. 0



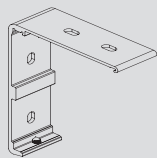
side profiles
S. 0



bottom closing profile
S. 0

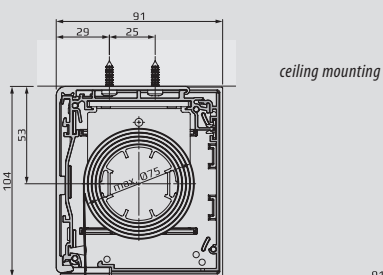
! The cassette has a limited capacity. A thickness of the fabric determines the maximum possible height of a roller blind.

STANDARD MOUNTING

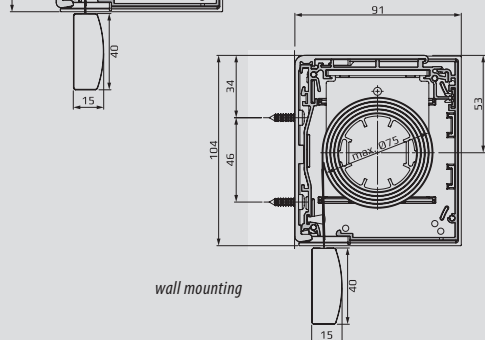


clip

TYPES OF MOUNTING



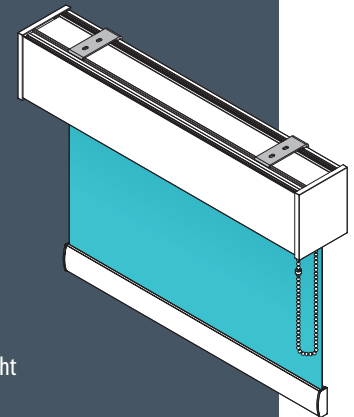
ceiling mounting



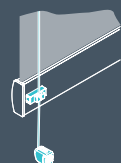
wall mounting

RMP13 - Chain operated
RMP63 - Motor operated
Roller blind with square cassette
chain or motor operated

width: max. 3,20 m
height: max. 3,40 m
mounting: wall, ceiling
operation: RMP13 / standard chain or endless chain
RMP63 / motor
operation side: left or right
operation length: standard chain: 75 % of a roller blind height



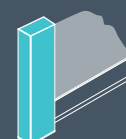
ADDITIONAL OPTIONS



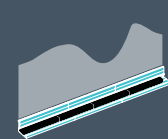
side guiding
S. 0



metal chain
S. 0

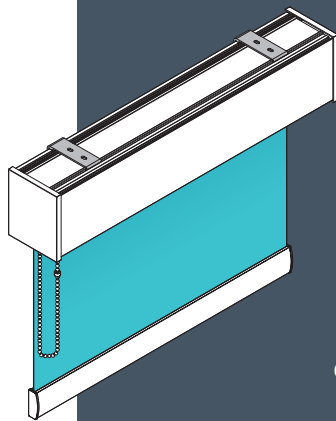


side profiles
S. 0



bottom closing profile
S. 0

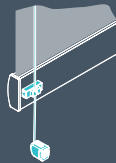
! The cassette has a limited capacity. A thickness of the fabric determines the maximum possible height of a roller blind.



RMP14 - Chain operated
RMP64 - Motor operated
Roller blind with square cassette
 chain or motor operated

width: max. 3,20 m
 height: max. 3,40 m
 mounting: wall, ceiling
 operation: RMP14 / standard chain or endless chain
 RMP64 / motor
 operation side: left or right
 operation length: standard chain: 75 % of a roller blind height

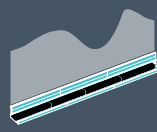
ADDITIONAL OPTIONS



side guiding
S.O



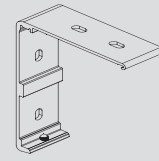
metal chain
S.O



bottom closing profile
S.O

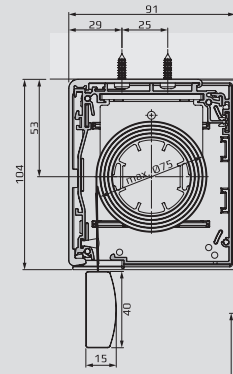
The cassette has a limited capacity. A thickness of the fabric determines the maximum possible height of a roller blind.

STANDARD MOUNTING

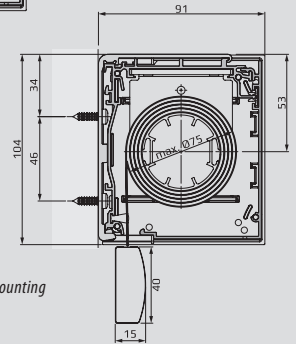


Clip standard

TYPES OF MOUNTING



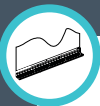
ceiling mounting



wall mounting

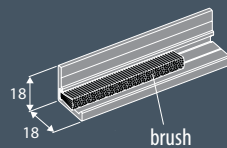


ADDITIONAL OPTIONS FOR MEDIUM PLUS ROLLER BLINDS

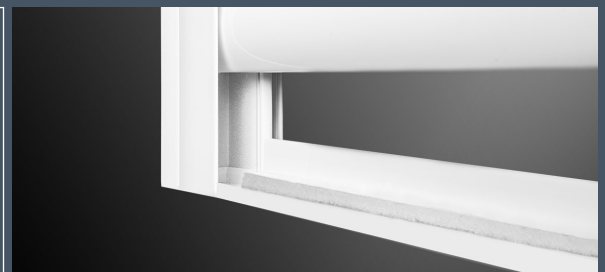


BOTTOM CLOSING PROFILE

Closing profile with brush - is an additional element next to side profiles, whose task is to reduce the window translucency. It may be used in combination with side profiles.

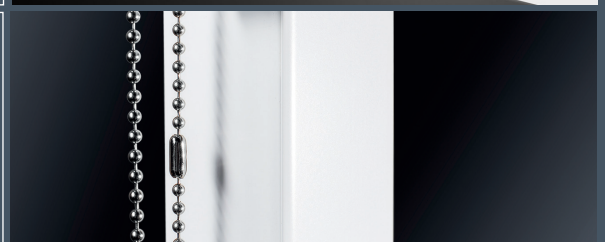


brush



METAL CHAIN

Metal chain - the roller blinds operation element, it is used instead of a standard PVC chain in order to give a blind an elegant and modern look.



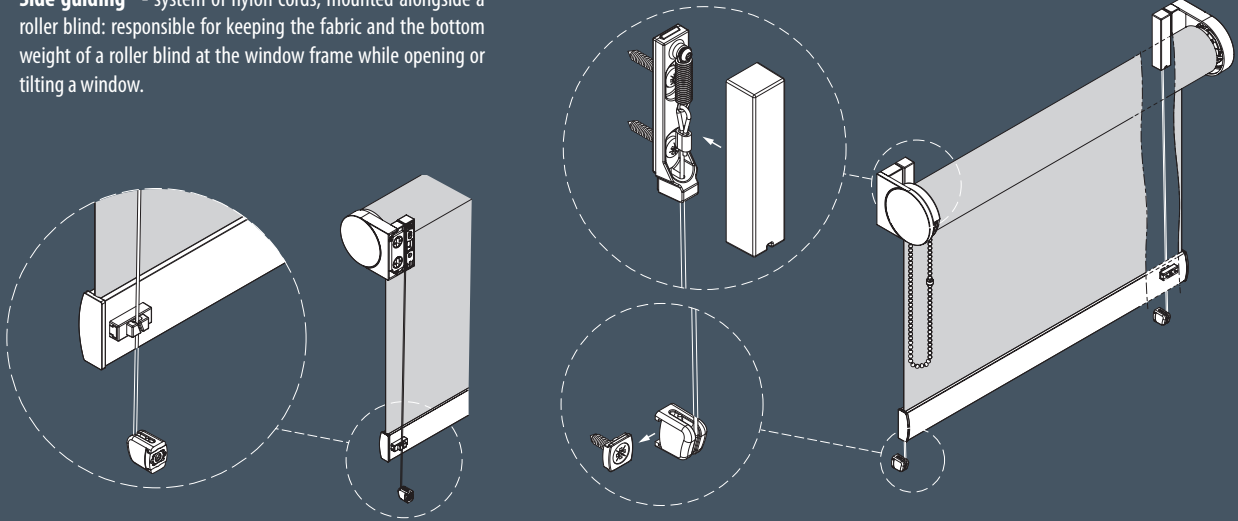


ADDITIONAL OPTIONS FOR MEDIUM PLUS ROLLER BLINDS



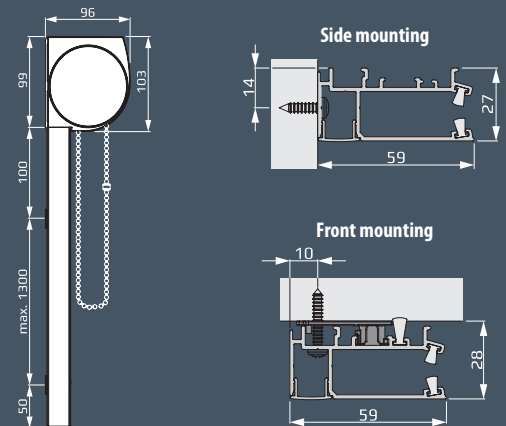
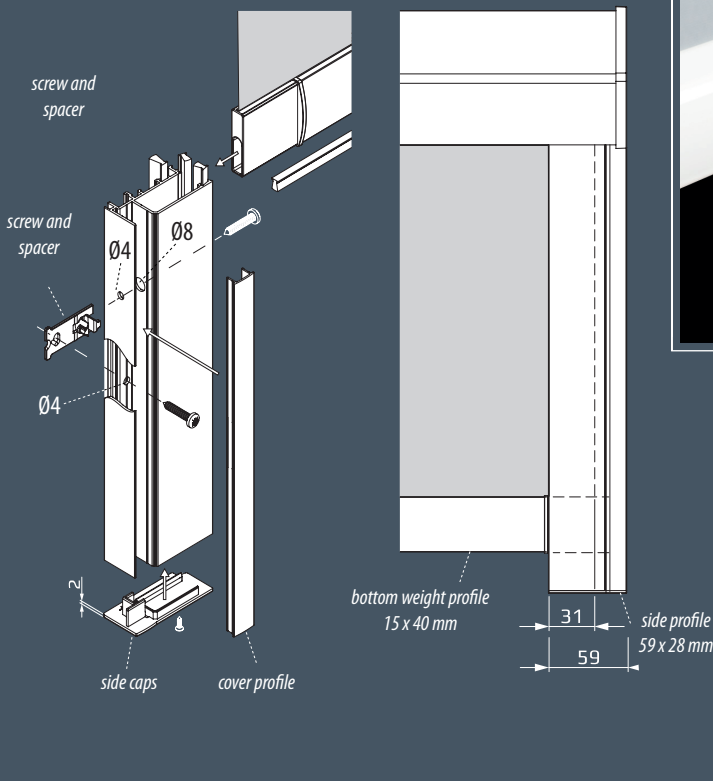
SIDE GUIDING

Side guiding - system of nylon cords, mounted alongside a roller blind: responsible for keeping the fabric and the bottom weight of a roller blind at the window frame while opening or tilting a window.



SIDE PROFILES

Side profiles - are mounted alongside a roller blind. They reduce sunlight transmission into a room to minimum, ensuring free and even roller blinds lowering at the same time. Side profiles in Medium Plus roller blinds are equipped with a brush which additionally reduces the light transmission and - what can be very significant - obstructs the insects passing through. Optionally you can use fabric tensioners preventing a fabric from slipping out of the guiding e.g. because of draughts.



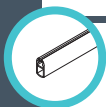
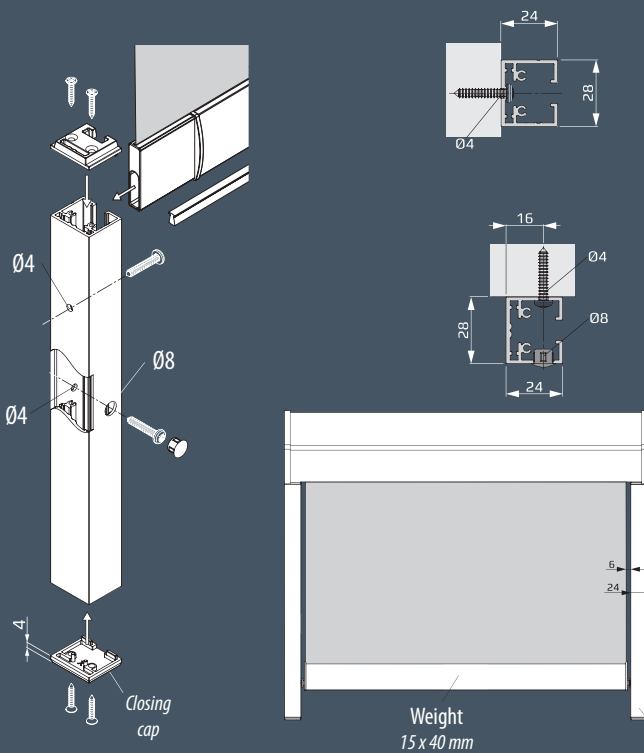


ADDITIONAL OPTIONS FOR MEDIUM PLUS ROLLER BLINDS



GUIDE PROFILE

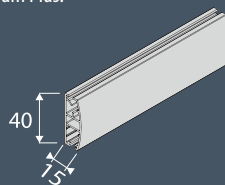
Guide profile - mounted along the side edges of the blinds. They are responsible for keeping the material and weight bar of the roller blind in the plane of the window frame when opening or closing the window. **Guide profiles do not provide complete blackout as is the case with side profiles.** The lateral edges of the weight plate move inside the guide profiles, ensuring smooth and even lowering of the blinds, while the edges of the material are spaced 6 mm from the guide profiles, which results in light gaps.



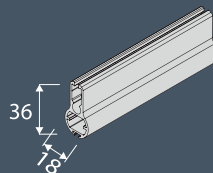
WEIGHTS PLUS / LARGE / SLIM

Weights „PLUS“ / „LARGE“ / „SLIM“ - the possibility of using instead standard weight plate for roller blinds Medium Plus.

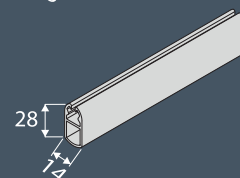
Weight „PLUS“



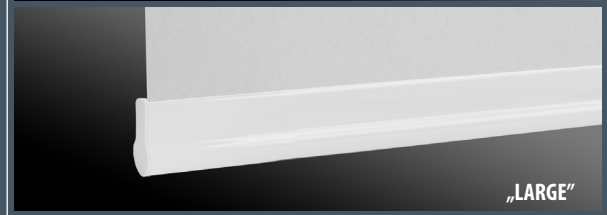
Weight „LARGE“



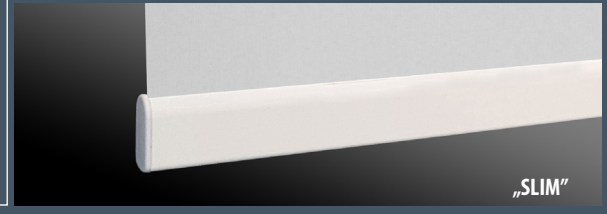
Weight „SLIM“



„PLUS“



„LARGE“



„SLIM“

RL - LARGE ROLLER BLINDS

Program Large is a system created for large-size roller blinds, used for covering large window surfaces. The range of available models and variants is the same as in the Medium program, however the range of maximum sizes of blinds possible to be made based on each of these systems is different. Program Large is used for roller blinds whose sizes (width or height) exceed 3 metres. The reinforced mechanism and appropriately strong winding tubes are able to ensure proper functioning of roller blinds sized up to 4 meters and with a bottom fabric weight even up to 12 kg.



Technical data: Large

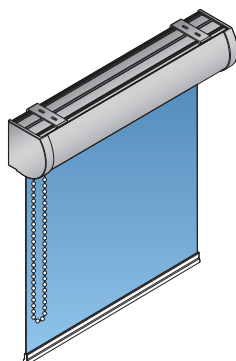
Maximum dimensions: width 400 cm *
height 400 cm *
Maximum fabric weight: 12 kg
Tube: Ø43 mm, Ø52 mm or Ø65 mm

Colours:

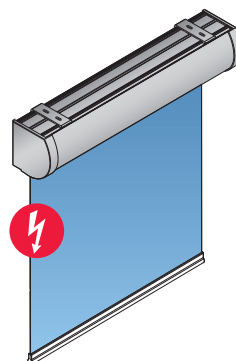


* depending on the fabric and the model of roller blind

Types of operation:



1. chain



2. motor

Motors for Large roller blinds:

somfy. **Vestamatic®**

Soness 40 PA / RTS



Compact and quiet motor for internal coverings - works at the level below 45 dB; powered with 230 V AC voltage. Available in two versions: PA - wire control and RTS - radio-control.

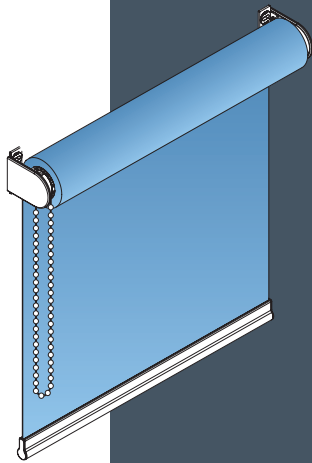
Vestamatic C VL-MM-230-35



Motor of German producer of drives for sun protection - VESTAMATIC. It is dedicated for wire-controlled Medium and Large roller blinds.

Motors produced by VESTAMATIC are compatible with remote controls and transmitters from other manufacturers.

More technical information on motors on pages 44 - 53.

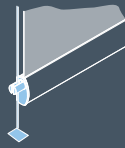


**RL10 - Chain operated
RL60 - Motor operated
Roller blind with brackets**

chain or motor operated

width: max. 4,00 m
height: max. 4,00 m
mounting: wall, ceiling
operation: RL10 / standard chain or endless chain
RL60 / motor
operation side: left or right
operation length: standard chain: 75 % of a roller blind height

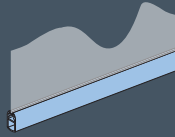
ADDITIONAL OPTIONS



side guiding
page 22



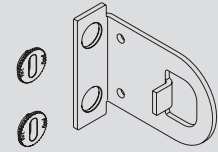
metal chain
page 22



„SLIM“ bottom weight
page 22

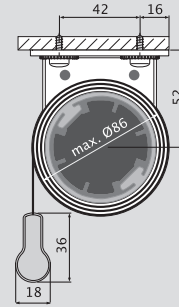
There might be a necessity of joining (gluing / sewing) fabric in large surfaced rollo blinds, what in case of pattern fabrics might not be possible to perform.

STANDARD MOUNTING

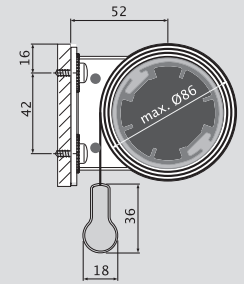


universal bracket 52 mm

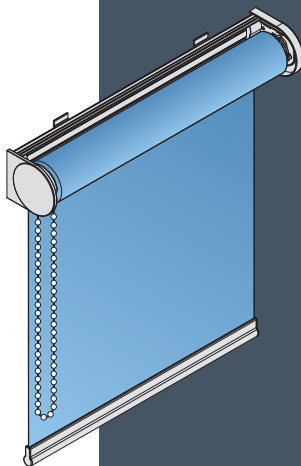
TYPES OF MOUNTING



ceiling mounting



wall mounting

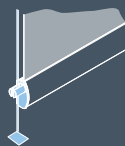


**RL11 - Chain operated
RL61 - Motor operated
Roller blind with support profile**

chain or motor operated

width: max. 4,00 m
height: max. 4,00 m
mounting: wall, ceiling
operation: RL11 / standard chain or endless chain
RL61 / motor
operation side: left or right
operation length: standard chain: 75 % of a roller blind height

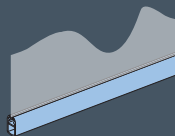
ADDITIONAL OPTIONS



side guiding
page 22



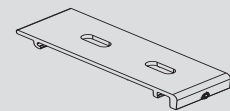
metal chain
page 22



„SLIM“ bottom weight
page 22

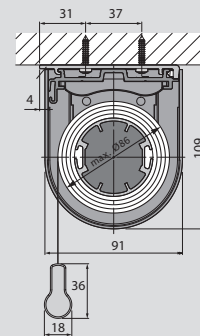
There might be a necessity of joining (gluing / sewing) fabric in large surfaced rollo blinds, what in case of pattern fabrics might not be possible to perform.

STANDARD MOUNTING

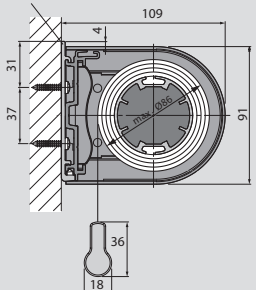


universal clip

TYPES OF MOUNTING

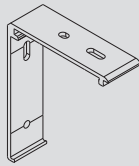


ceiling mounting



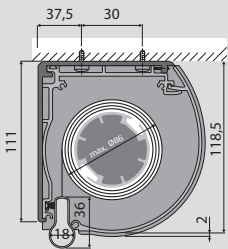
wall mounting

STANDARD MOUNTING

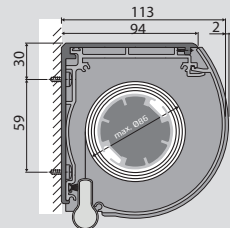


universal bracket

TYPES OF MOUNTING



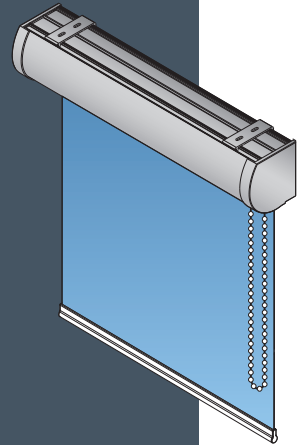
ceiling mounting



wall mounting

RL12 - Chain operated
RL62 - Motor operated
Roller blind with round cassette
chain or motor operated

width: max. 4,00 m
height: max. 4,00 m
mounting: wall, ceiling
operation: RL12 / standard chain or endless chain
RL62 / motor
operation side: left or right
operation length: standard chain: 75 % of a roller blind height



ADDITIONAL OPTIONS



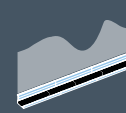
side guiding
page 22



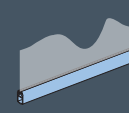
metal chain
page 22



side profiles
page 22



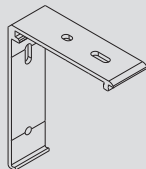
bottom closing
profile
page 22



„SLIM“ bottom weight
page 22

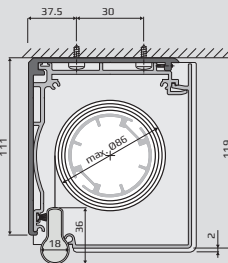
! The cassette has a limited capacity. A thickness of the fabric determines the maximum possible height of a roller blind.

STANDARD MOUNTING

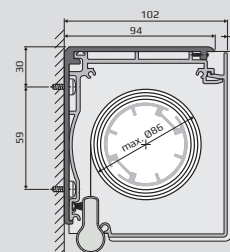


universal bracket

TYPES OF MOUNTING



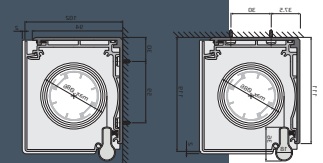
ceiling mounting



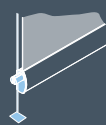
wall mounting

RL13 - Chain operated
RL63 - Motor operated
Roller blind with square cassette
chain or motor operated

width: max. 4,00 m
height: max. 4,00 m
mounting: wall, ceiling
operation: RL13 / standard chain or endless chain
RL63 / motor
operation side: left or right
operation length: standard chain: 75 % of a roller blind height



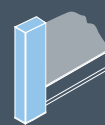
ADDITIONAL OPTIONS



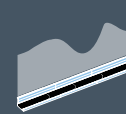
side guiding
page 22



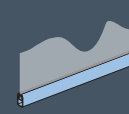
metal chain
page 22



side profiles
page 22



bottom closing
profile
page 22



„SLIM“ bottom weight
page 22

! The cassette has a limited capacity. A thickness of the fabric determines the maximum possible height of a roller blind.

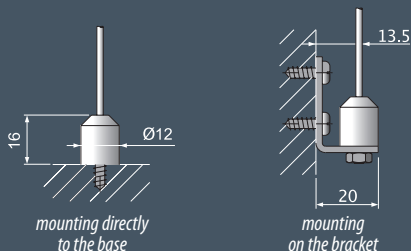


ADDITIONAL OPTIONS FOR LARGE ROLLER BLINDS



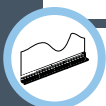
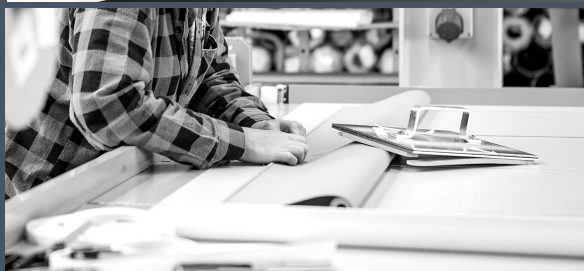
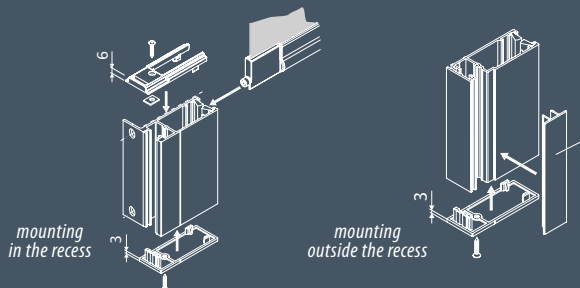
SIDE GUIDING

Side guiding – system of nylon cords, mounted along side edges of roller blinds, responsible for keeping a fabric and a bottom weight of roller blinds at the window frame while opening or tilting the window.



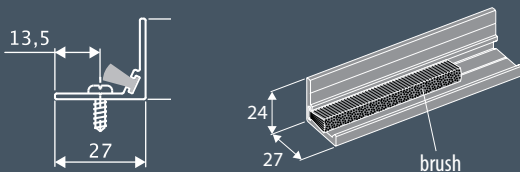
SIDE PROFILES

Side profiles - program Large offers two types of profiles which choice depends on on the mounting type of a roller blind. There are profiles designed for mounting inside and outside a recess. When deciding to use side profiles in Large roller blinds it is necessary to determine the type of roller blind mounting. Both types of profiles are equipped with sealing brushes as standard, which additionally reduce the light transmission.



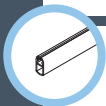
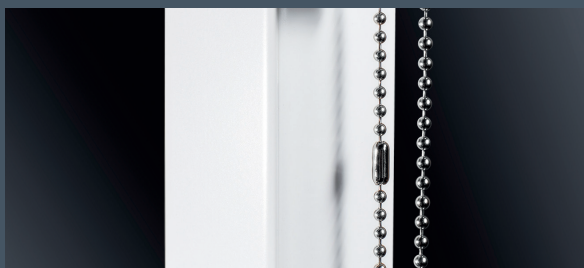
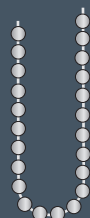
BOTTOM CLOSING PROFILE

Closing profile with brush - is an additional element next to side profiles, whose task is to reduce a window translucency. It may be used in combination with side profiles.



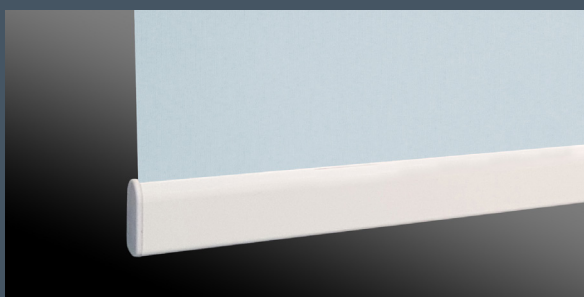
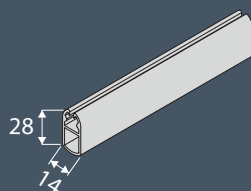
METAL CHAIN

Metal chain - the roller blinds operation element, it is used instead of a standard PVC chain in order to give a blind an elegant and modern look.



„SLIM“ BOTTOM WEIGHT

„Slim“ bottom weight - can be used instead of a standard weight for Large roller blinds. The main advantage of the „Slim“ weight is its smaller size and the visual effect.

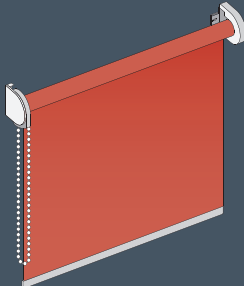
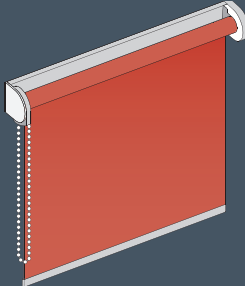
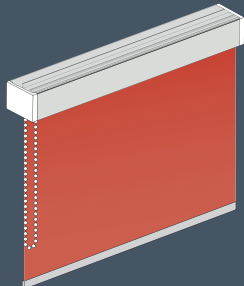


FREE HANGING ROLLER BLINDS **COULISSE SMART**

coulisse
DECORATION SOLUTIONS

System Smart of free hanging roller blinds unlike the system Decomatic is recommended for using mainly in residential rooms or offices, where no large glazings are used. It is due to the limited size of roller blinds that are possible to be made based on this system. Program Smart offers a wide colour selection of support profiles, side covers and bottom weights, which allows a blind to fit perfectly in any interior.

TYPES AND SIZE RANGES OF FREE HANGING ROLLER BLINDS IN THE SMART SYSTEM

		SMART - RSM		
		brackets	support profile	semi-open cassette
				
		RSM10	RSM11	RSM14
		max. width 230 cm - height 260 cm*		
		RSM20	RSM21	RSM24
		max. width 200 cm - height 200 cm*		
		RSM60	RSM61	RSM64
		max. width 230 cm - height 260 cm*		
OPTIONS FOR MODELS	Chain	RSM10	RSM11	RSM14
	Spring	RSM60	RSM61	RSM64
	Motor	RSM10	RSM11	RSM14
TYPES OF OPERATION	Decorative set	RSM20	RSM21	RSM24
	Side guiding	RSM60	RSM61	RSM64

* DEPENDING ON THE FABRIC TYPE AND THE MODEL OF A ROLLER BLIND

RSM - SMART ROLLER BLINDS

Program SMART offers a wide range of innovative solutions for free hanging roller blinds, which introduces a new quality in mounting and operation of roller blinds. Particular attention should be given to battery motors specially dedicated for this system. They make the mounting of a roller blind equipped with an electric drive easy because it does not require any specific knowledge or leading any supplying cables to a roller blind. Moreover, the application of the SLOW spring enables to adjust the winding speed of the fabric as well as setting the end positions.



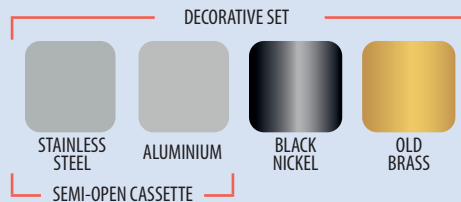
Technical data: Smart

Maximum dimensions: width 230 cm *
height 260 cm *
Maximum fabric weight: 2,2 kg**
Tube: **Ø28 mm, Ø30 mm or Ø35 mm**

Standard colours (Aluminium):

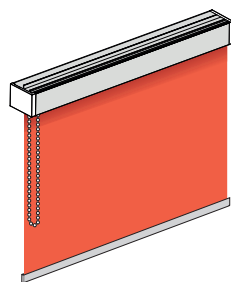


Optional colours (Metal):

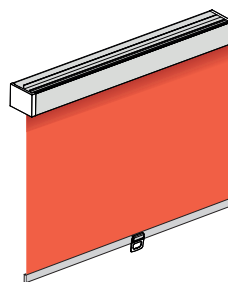


* depending on the fabric type
** depending on the tube diameter

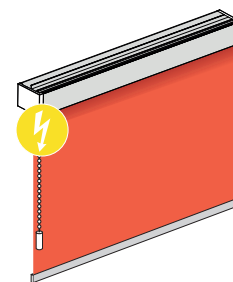
Types of operation:



1. chain



2. „SLOW“ spring



3. motor

Motors for Smart roller blinds:

coulisse
DECORATION SOLUTIONS

CM-02 Pull Motion



coulisse

Wireless motor powered by an integrated lithium ion battery. It is started manually with a chain - **pulling the chain causes the motor to start**. The installation is simple without any technical tools.

CM-03 Pull Motion + Remote



coulisse

Wireless motor powered by an integrated lithium ion battery, with an in-built receiver, remotely controlled - by remote, wall switch, or manually by a chain - **pulling the chain causes the motor to start**.

More technical information on motors on pages 53 - 54.



COULISSE BATTERY MOTORS

The COULISSE motors and electric controls are innovative solutions which, thanks to wireless motors, are very simple in installation and operation. They offer automation of roller blinds without the necessity of leading any cables.



PULL MOTION (CM-02). Start-up by a chain is the simplest operation type for roller blinds with electric motor. Pulling a chain causes the motor to start. Apart from rolling a roller blind up and down to its end positions, it is possible to program a comfort position.



Watch a video:
CM02 - controlled with a chain.
<https://youtu.be/oOtnGcNXsFg>

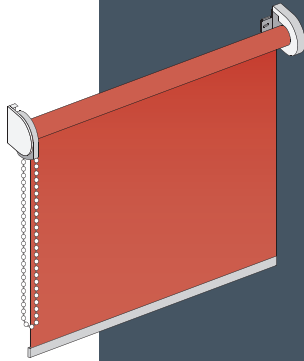


PULL MOTION + REMOTE (CM-03). Can be operated by a chain, remote control, wall switch or via application. Motor CM-03 has an in-built receiver which enables to control a roller blind wirelessly or by using a remote control or a wall switch. In combination with an additional Wi-Fi Bridge module, it is possible to operate a roller blind with a mobile application from anywhere.



Watch a video:
CM03 - controlled with a chain and remote control.
<https://youtu.be/sPbVDajO9vw>





RSM10 - Chain operated
RSM60 - Motor operated
Roller blind with brackets
 chain or motor operated

system colour: white, off-white, grey, brown
 black, anthracite grey
 width: max. 2,30 m
 height: max. 2,60 m
 operation: RSM10 / standard chain or endless chain
 RSM60 / motor
 operation side: left or right
 operation length: standard chain: 75 % of roller blind height
 mounting: wall, ceiling, window frame

ADDITIONAL OPTIONS



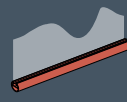
side guiding
page 30



metal chain
page 30

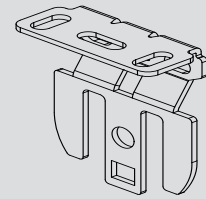


decorative set
page 30



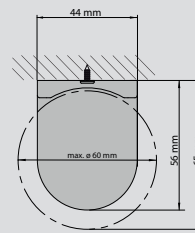
„RIVO“ bottom weight
page 30

STANDARD MOUNTING

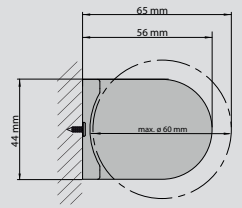


bracket

TYPE OF MOUNTING



ceiling mounting



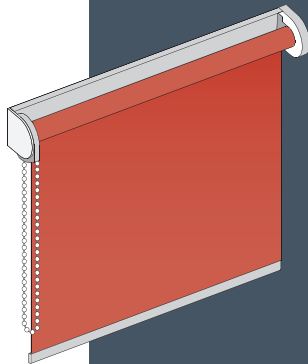
wall mounting



Watch a video:

RSM10 montage.

<https://youtu.be/jEUR8ErVi7c>



RSM11 - Chain operated
RSM61 - Motor operated
Roller blind with support profile
 chain or motor operated

system colour: white, off-white, grey, brown
 black, anthracite grey
 width: max. 2,30 m
 height: max. 2,60 m
 operation: RSM11 / standard chain or endless chain
 RSM61 / motor
 operation side: left or right
 operation length: standard chain: 75 % of roller blind height
 mounting: wall, ceiling, window frame

ADDITIONAL OPTIONS



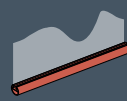
side guiding
page 30



metal chain
page 30

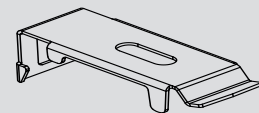


decorative set
page 30



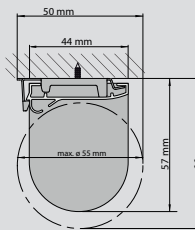
„RIVO“ bottom weight
page 30

STANDARD MOUNTING

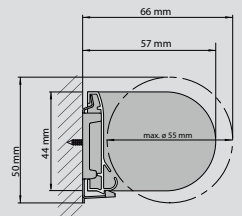


clip

TYPE OF MOUNTING



ceiling mounting

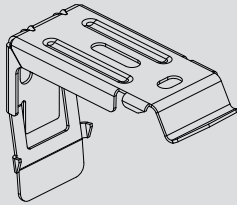


wall mounting

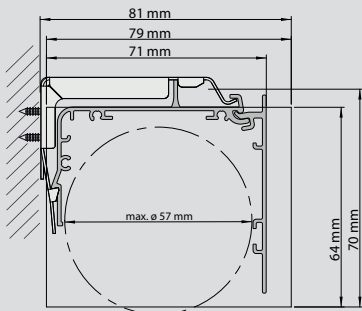


For the RSM 11 (RSM 61) model it is possible to use a DAY / NIGHT fabric type - more information in the product brochure DAY / NIGHT roller blinds.

STANDARD MOUNTING



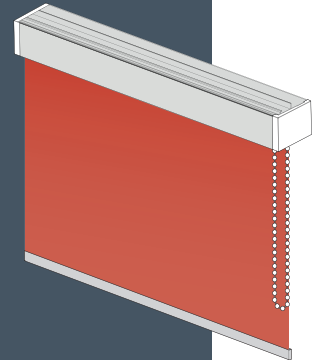
cassette bracket



wall mounting

RSM14 - Chain operated
RSM64 - Motor operated
Roller blind with semi-open cassette
chain or motor operated

- system colour: stainless steel or aluminium
- width: max. 2,30 m
- height: max. 2,60 m
- operation: RSM14 / standard chain or endless chain
RSM64 / motor
- operation side: left or right
- operation length: standard chain: 75 % of roller blind height
- mounting: wall, ceiling, window frame



! IMPORTANT

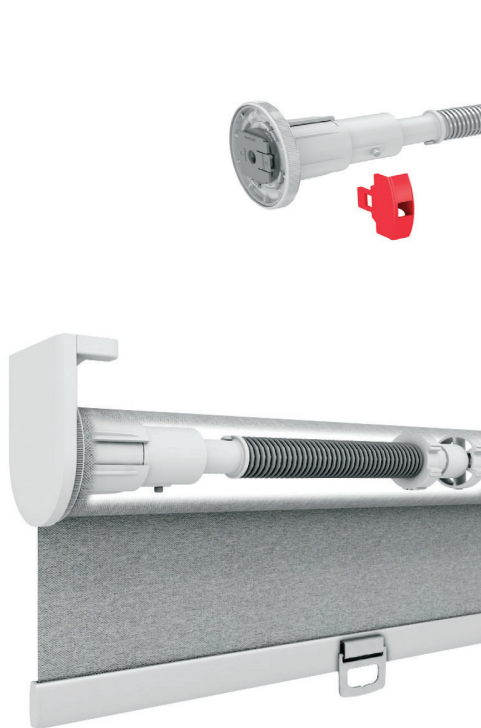
For the RSM 11 PLUS (RSM 61 PLUS) model it is possible to use a DAY / NIGHT fabric type - more information in the product brochure DAY / NIGHT roller blinds.

CONTROLS AND ACCESSORIES FOR
ELECTRIC MOTORS IN THE SMART
SYSTEM ON PAGE 47.



THE „SLOW” SPRING

Spring roller blinds in the Smart system are equipped with an innovative spring mechanism called SLOW spring. SLOW spring is a durable and simple solution ensuring maximum comfort of the roller blind user - one pull of a roller blind and the spring rolls the fabric and stops it at the previously set fixed height.



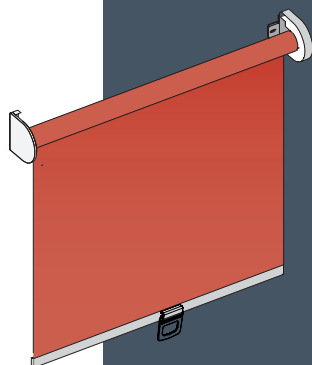
The SLOW spring is equipped with a special interlock responsible for keeping its proper tension, which makes the installation much easier. Setting end positions takes a few seconds and it does not require special technical knowledge. It is also possible to adjust the mechanism tension, which affects directly the winding speed of the roller blind fabric.

You will find a link and a QR code below forwarding you to a website with a short video showing the installation and operation principle of roller blinds with the SLOW spring.



Watch a video:
Adaptation and use of the spring „SLOW”.
<https://youtu.be/Q36L464yowk>

RSM - SMART ROLLER BLINDS - SPRING



RSM 20 Roller blind with brackets „SLOW” spring with break

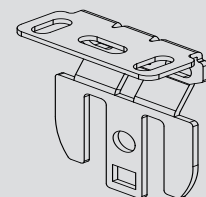
system colour: white, off-white, grey, brown
black, anthracite grey
width: max. 2,30 m
height: max. 2,60 m
operation: handle
mounting: wall, ceiling, window frame

ADDITIONAL OPTIONS



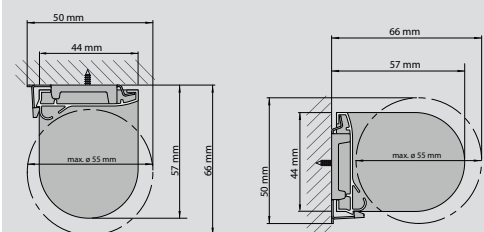
decorative set
page 30

STANDARD MOUNTING



bracket

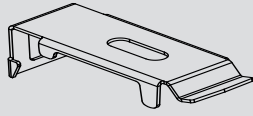
TYPE OF MOUNTING



ceiling mounting

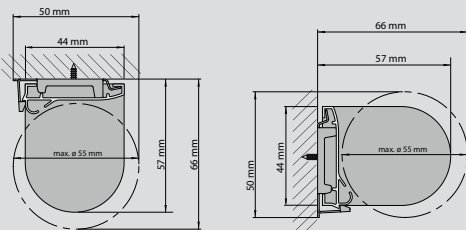
wall mounting

STANDARD MOUNTING



clip

TYPE OF MOUNTING

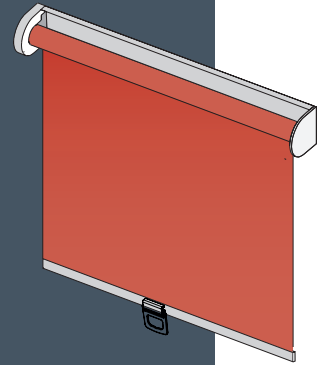


ceiling mounting

wall mounting

RSM 21
Roller blind with support profile
„SLOW” spring with break

- system colour: white, off-white, grey, brown black, anthracite grey
- width: max. 2,30 m
- height: max. 2,60 m
- operation: handle
- mounting: wall, ceiling, window frame



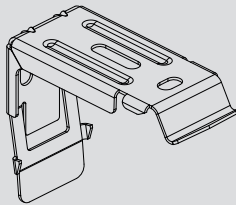
ADDITIONAL OPTIONS



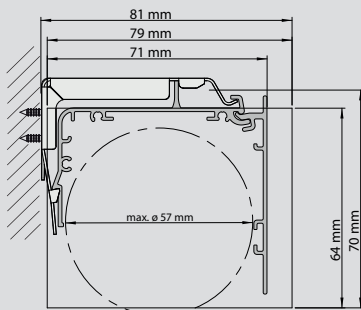
decorative set

page 30

STANDARD MOUNTING



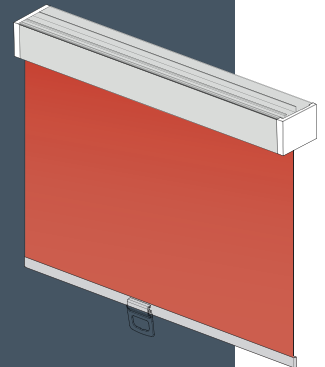
cassette bracket



wall mounting

RSM24
Roller blind with semi-open cassette
„SLOW” spring with break

- system colour: stainless steel or aluminium
- width: max. 2,30 m
- height: max. 2,60 m
- operation: handle
- mounting: wall, ceiling, window frame



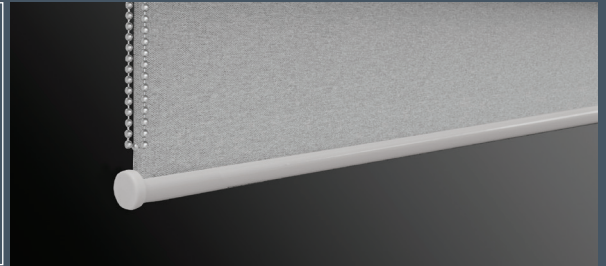
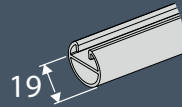


ADDITIONAL OPTIONS FOR SMART ROLLER BLINDS



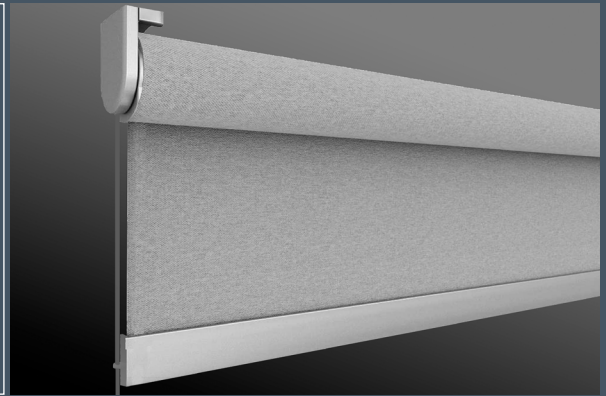
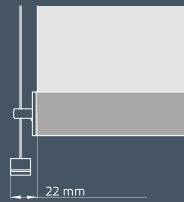
THE "RIVO"
BOTTOM
WEIGHT

The "Rivo" bottom weight - a round weight of small size available in white and silver colour. It can be used instead of the standard weight for SMART roller blinds.



SIDE
GUIDING

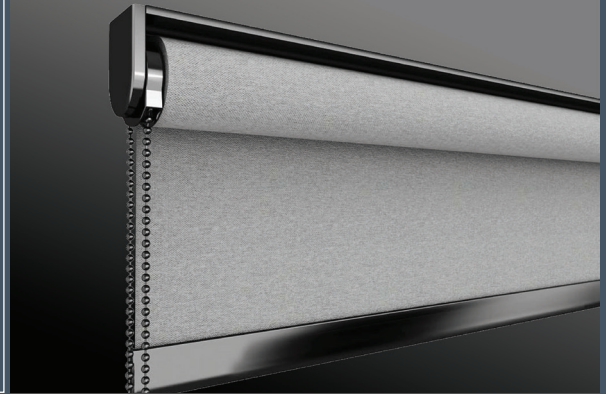
Side guiding - a system of nylon cords, mounted along side edges of a roller blind, responsible for keeping the fabric and a bottom weight of a roller blind - at the window frame while opening or tilting a window.



METAL DECORATIVE
SET

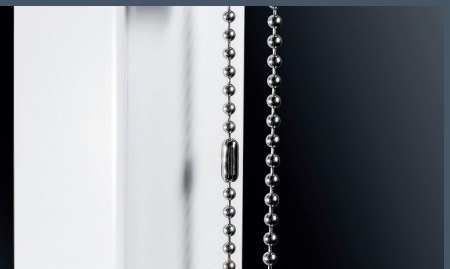
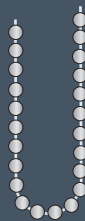
Decorative set: additional option used instead of standard elements. The set consists of: metal side caps and metal chain (spring roller blinds have only metal side caps). Application of the set emphasises aesthetic visual impression of roller blinds, distinguishing them from standard models. The metal elements enrich the look of roller blinds and interior.

This additional option is available in four colours: stainless steel, aluminium, black nickel and brass.

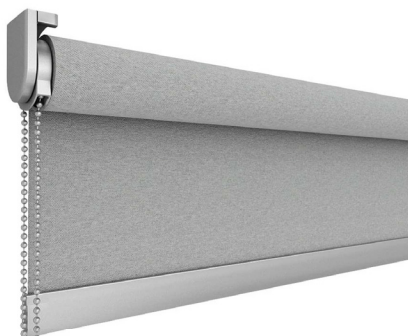


METAL CHAIN

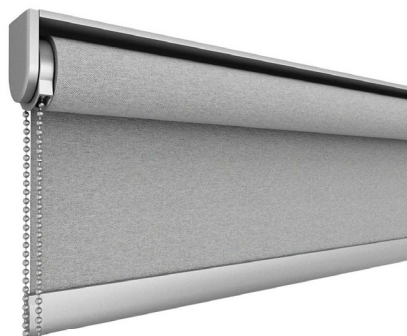
Metal chain - the roller blinds operation element, it is used instead of a standard PVC chain in order to give a blind an elegant and modern look.



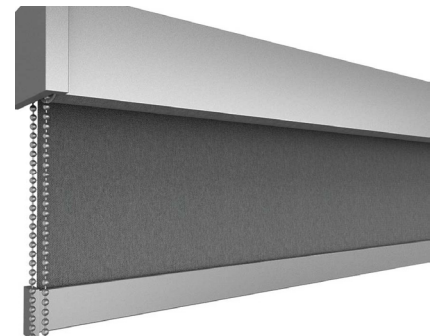
ROLLER BLIND
WITH MOUNTING BRACKETS
RSM10



ROLLER BLIND
WITH SUPPORT PROFILE
RSM11



ROLLER BLIND
WITH METAL SEMI-OPEN CASSETTE
RSM14



MINI ROLLER BLINDS - RN

Mini roller blinds are a practical and universal solution which is perfect for many rooms. Due to their small sizes and being placed directly at the glass pane, the roller blind cassette makes the impression of an integral part of the window. Mini roller blinds are mounted with PCV cover profiles or interchangeably, with side profiles, they reduce sunlight transmission inside the room up to minimum, at the same time keeping the roller blind fabric close to the window pane surface, which enables opening and tilting the window freely.



Technical data:

Maximum dimensions: width 150 cm *
height 220 cm *
Maximum fabric weight: 1,5 kg
Tube: **Ø19, Ø20 or Ø27 mm** (depending on the mini roller blind type)

Colours:

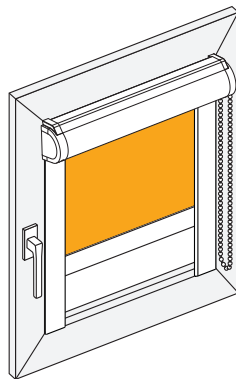


Woodgrain looking cassette:

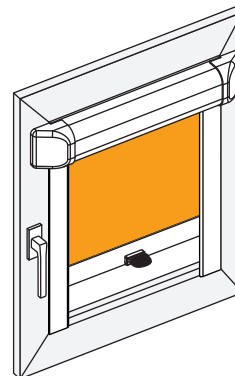


* depending on the fabric type.

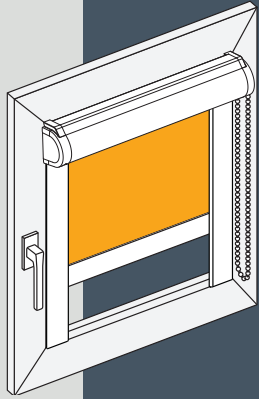
Types of operation:



1. chain
Systems: RN Ultimate, Decomatic.



3. vario spring
System: Decomatic.

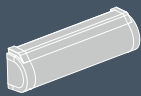


RN ULTIMATE
Roller blind with ALU semi-open cassette
 with PCV covering profiles

colours: white, silver
 optional colours: golden oak, walnut, winchester, mahogany, moor oak
 width: max. 1,50 m *
 height: max. 2,20 m *
 glazing bead depth: min. 14 mm
 tube: Ø19 mm
 operation: chain
 operation length: 75 % of roller blind height
 operation side: left or right

RN ULTIMATE
COULISSE

ADDITIONAL OPTIONS



woodgrain looking cassette

page 34



arched cover profile

page 34



aluminium cover profile

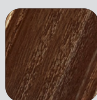
page 34

! IMPORTANT

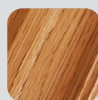
For the RN COULISSE model it is possible to use of the DAY / NIGHT fabric type - more information in the product brochure DAY / NIGHT roller blinds.



GOLDEN OAK



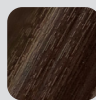
WALNUT



WINCHESTER

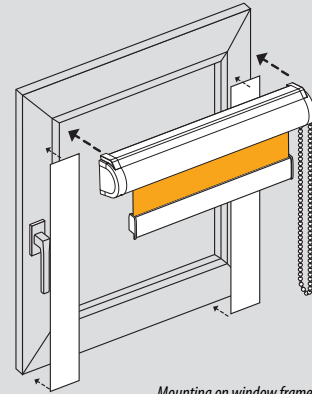
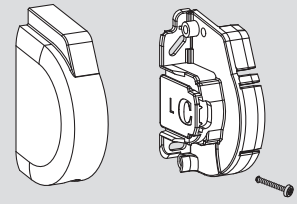


MAHOGANY



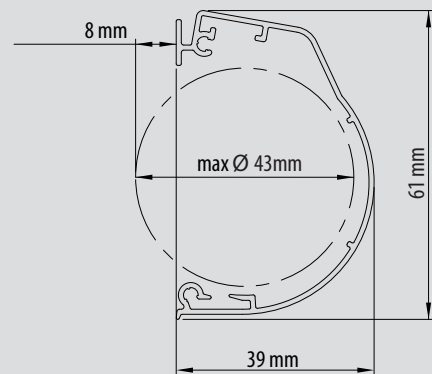
MOOR OAK

STANDARD MOUNTING

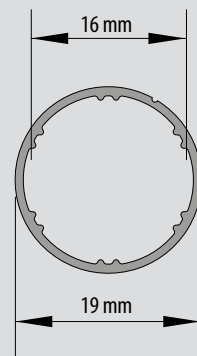


Mounting on window frame

CASSETTE



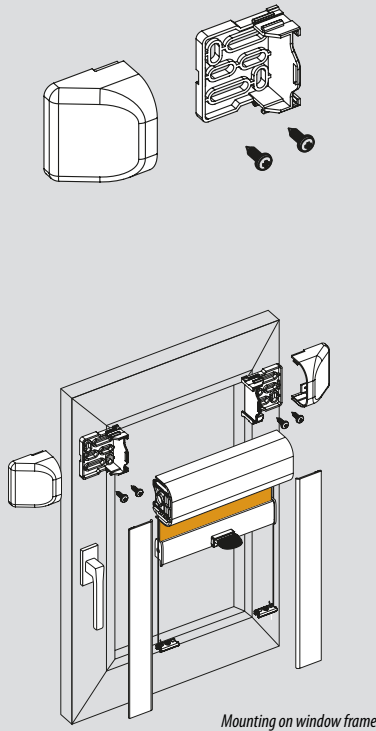
TUBE



PVC cover profiles are glued to the window frame with a double-sided adhesive tape

* depending on the fabric type.

STANDARD MOUNTING



Mounting on window frame

PVC cover profiles are glued to the window frame with a double-sided adhesive tape

RN116 and RN156
Roller blind with ALU semi-open cassette
with PVC covering profiles

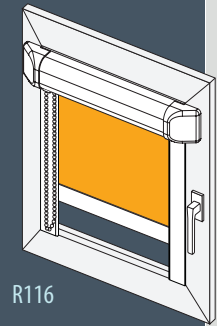
colours: white, silver
width: max. 1,50 m *
height: RN 116 max. 2,00 m *
RN 156 max. 1,50 m *
glazing bead depth: min. 14 mm
tube: Ø20 mm or Ø27 mm
operation: RN 116 - chain
RN 156 - vario handle
operation length: RN 116 - 75 % of roller blind height
operation side: RN 116 - left or right

ADDITIONAL OPTION

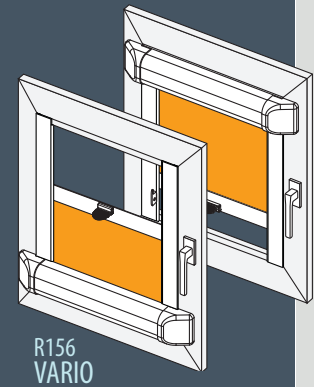


aluminium cover profile

page 34



R116

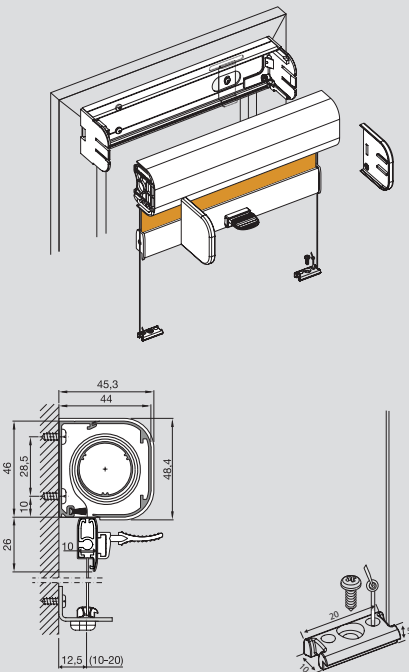


R156
VARIO

DECOMATIC®

! The cassette of the R156 roller blind may be mounted at the top or at the bottom of a window frame.

STANDARD MOUNTING



Mounting on window frame

RN115 and RN155
Roller blind with ALU cassette

colours: white, silver,
width: max. 1,50 m *
height: RN 115 max. 2,00 m *
RN 155 max. 1,50 m *
glazing bead depth: min. 14 mm
tube: Ø20 mm or Ø27 mm
operation: RN 115 - chain
RN 155 - vario handle
operation length: RN 115 - as standard 75 % of roller blind height
operation side: RN 115 - left or right

ADDITIONAL OPTIONS



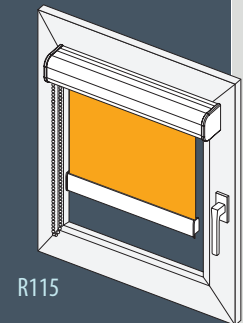
side guiding
only for R115

page 34

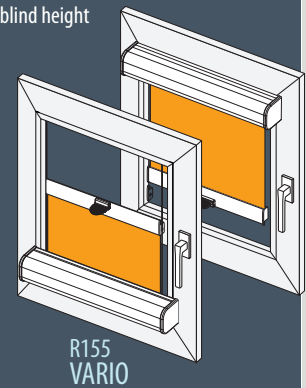


side profiles

page 34



R115



R155
VARIO

DECOMATIC®

! The cassette of the R155 roller blind may be mounted at the top or at the bottom of a window frame.



ADDITIONAL OPTIONS FOR THE MINI ROLLER BLINDS



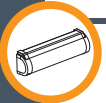
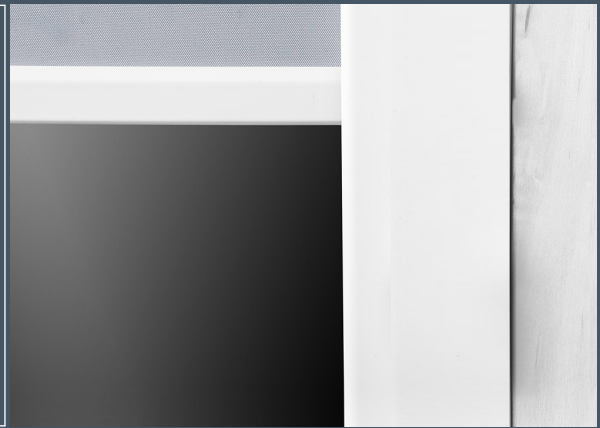
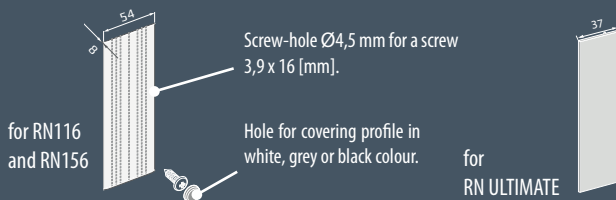
PVC ARCHED COVER PROFILE

Arched cover profile – side covering of specific shape, suited for installation on windows with rounded glazing beads.



ALUMINIUM COVER PROFILE

Aluminium cover profiles used instead of standard PVC cover profiles. It is important to consider that the aluminium cover profiles is wider than the PVC covering profile and therefore it reduces the glass light far more. For the Ultimate and RN116 / RN156 roller blinds two different types of covering profiles are used. Aluminium cover profiles are glued to the window frame with a double-sided adhesive tape – cover profiles for the RN116 and RN156 roller blinds may also be mounted with screws to the window frame.



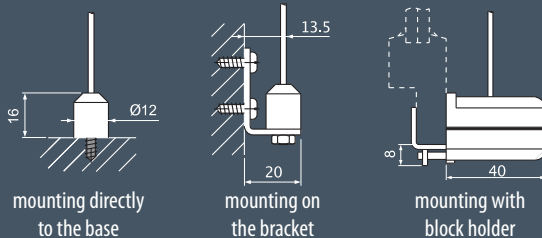
WOODGRAIN LOOKING CASSETTE

Woodgrain looking cassette – model RN ULTIMATE is available as laminated in five most popular patterns: moor oak, golden oak, winchester, walnut and mahogany. Side cover profiles in the chosen woodgrain are included in the set.



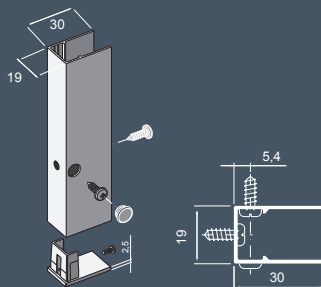
SIDE GUIDING

Side guiding – system of nylon cords, mounted along side edges of a roller blind, responsible for keeping the fabric and the bottom weight close to window frame while opening or tilting a window.



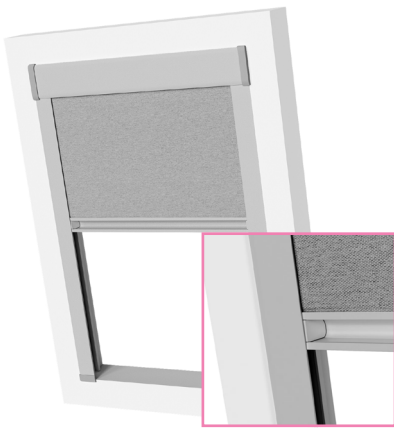
SIDE PROFILES

Side profiles – aluminium profiles mounted along the side edge of a roller blind. They reduce sunlight transmission and provide fabric even lowering and keeping it in a vertical plane.



ROOF ROLLER BLINDS COULISSE SKYLIGHT

Roof roller blinds do not only control the amount of light coming in through the window, but they also significantly affect the temperature in the room they are mounted in. Choosing a suitable fabric type can protect the room from heating up on sunny and summer days and create an additional thermal insulation reducing the heat loss in winter. Therefore, while deciding on a roof roller blind it is worth paying attention not only to the decorative aspect of a certain fabric, but also to its technical properties, especially its reflective coating.



Watch a video:

Coulisse Skylight

<https://youtu.be/-ZnjryXkiWY>

Technical data:

Skylight

Maximum dimensions:

width 118 cm
height 136 cm

Tube:

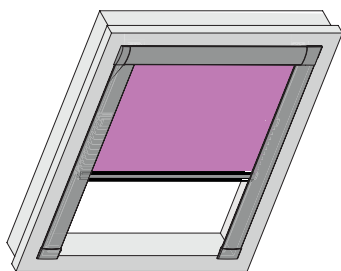
Ø28 mm

Colour:

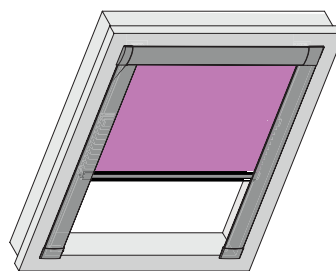
**E6
EV1**

SILVER

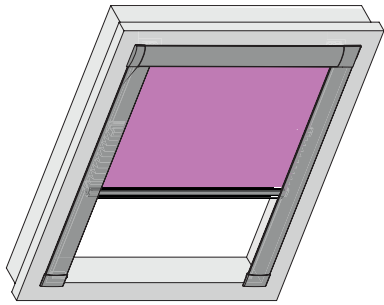
Types of mechanisms:



1. skylight tensioned
(with side covering profiles) - **RD10**



2. skylight tilt-break
(with side covering profiles) - **RD20**



RD 10
Roller Blind SKYLIGHT TENSIONED

operated by bottom rail, top and side covering profiles

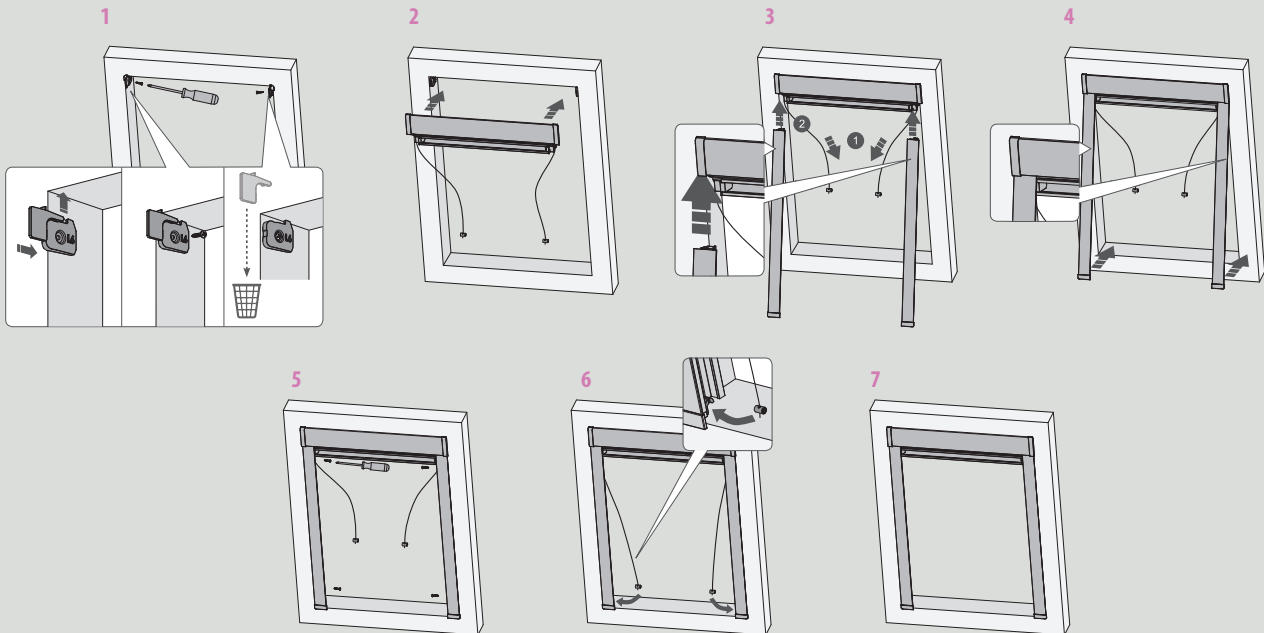
Roller blind can be stopped in any position.

color: anodized
width: max. 118 cm
height: max. 136 cm

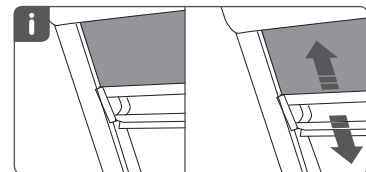


Watch a video:
RD10 installation.
<https://youtu.be/R2XR4LjJKq0>

INSTALLATION



The roller blind is operated with the bottom profile which can be moved smoothly up and down. Side guiding ensures the Self-locking in any position.



! IMPORTANT

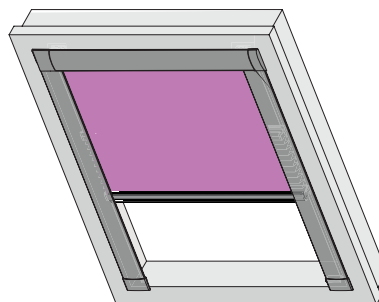
Easy installation performed precisely according to instruction does not affect any window components which damage might result in losing warranty rights for the window.

RD 20
Roller Blind SKYLIGHT TILT-BREAK

operated by bottom rail, top and side covering profiles

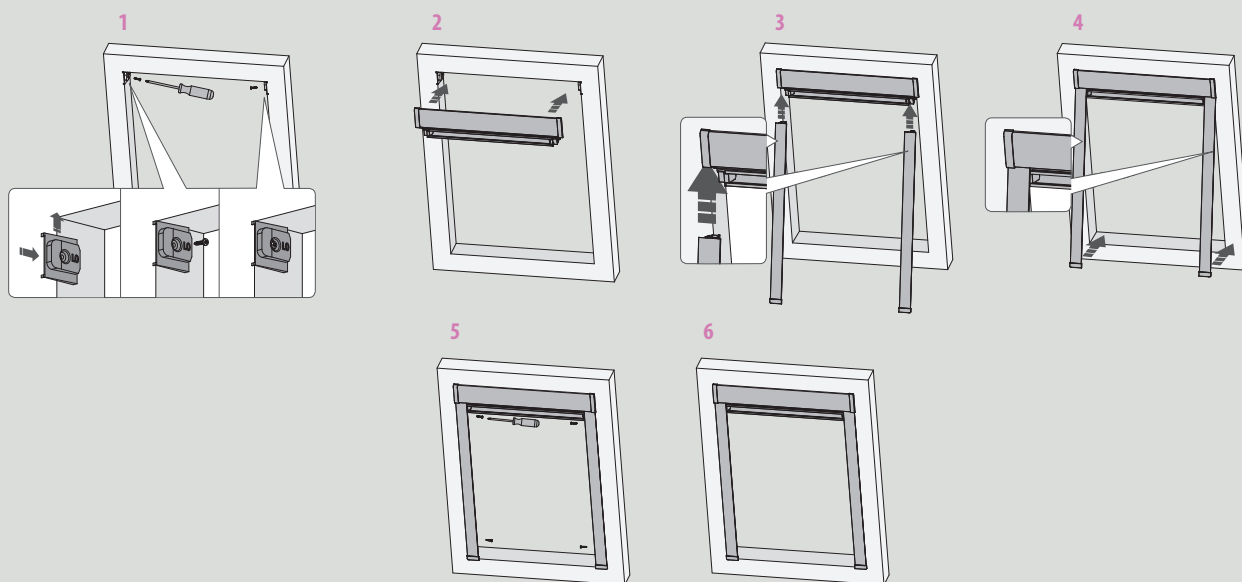
Roller blind can be stopped in any position.

color: anodized
 width: max. 118 cm
 height: max. 136 cm

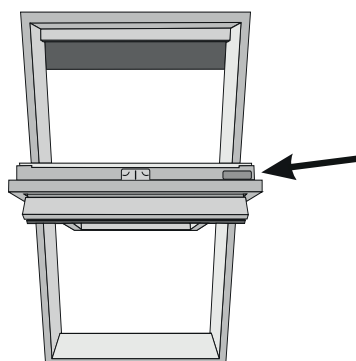
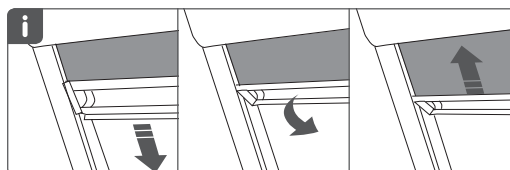


Watch a video:
 RD20 installation.
<https://youtu.be/r1DTVSeqQCQ>

INSTALLATION

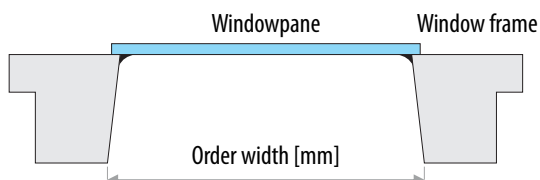


The roller blind is operated by a bottom profile which can be moved downwards (to roll the fabric down) and stopped at any position. To move the profile upwards it should be swung slightly backwards, causing the break release and only in such position (swung backwards with a released brake) the profile can move upwards.



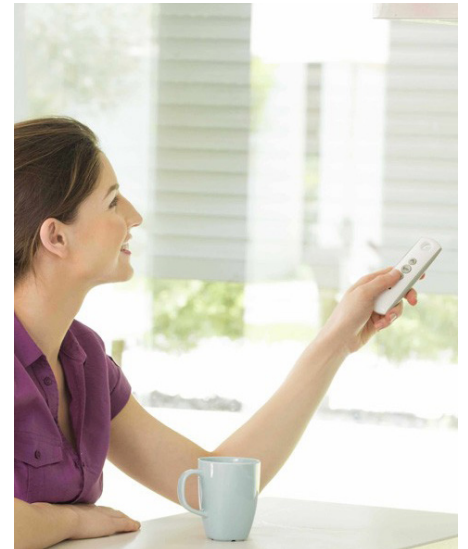
NOTE:

- When placing an order for a roof roller blind, please provide dimensions - width and height of the inner side of a window frame. To exclude any mistakes, it is also important to provide the symbol and type as well as the production year of a roof window in order form notes. This information can be found on the rating plate located on the window frame.



ELECTRIC MOTORS

In the range of electric motors our offer is based on products from the best producers in the industry - the French company **SOMFY** and the Dutch company **Coulisse**. We offer a wide selection of solutions, beginning with a traditional cable-controlled, cooperating with increasingly popular (EIB) „smart home” systems, through wireless-controlled transmitters in the **RTS** and **io-homecontrol®** technologies allowing remote control by mobile applications. Battery motors are a novelty in our offer. They are characterised by a simple installation not requiring an electrician. As a long standing supplier of internal sun protection with electric motors we can provide knowledge and experience, as well as we help to choose optimal solutions.



MOTORS

somfy®

ROLL UP WireFree R28 RTS 12 V

Motor powered by lithium batteries or optionally by a photovoltaic pack. It is controlled by a remote control or by other transmitters in the RTS technology. Simple installation does not require an electrician. Motor is adapted for powering with 12 V DC voltage from rechargeable batteries AA (10 pieces), AA batteries (8 pieces), with solar panel or a plug-in power supply 230 V. It is compatible with RTS remote controls, TaHoma and Sunis (Thermosunis) Indoor WireFree RTS sensors.

■ Somfy - 1002459



Technical data:

application:	RC and RM roller blinds
control:	via radio RTS
radio frequency:	433.42 MHz
nominal voltage:	12 VDC
torque:	1.1 Nm
rotation:	rolling up 30 rpm rolling down 80 rpm
level of generated noise:	48 dB - 56 dB
diameter:	26,5 mm
total length:	285 mm
minimum width of the blinds:	0,64m

SONESSE 28 WF RTS Li-Ion 12 V

Ultra quiet motor for medium and large free hanging roller blinds is powered by a built-in rechargeable battery. Simple installation does not require an electrician. LED indicator informs on the battery charge level. It is controlled by remote controls and switches in the RTS technology.



Battery motor.

■ Somfy - 1003296



somfy®

Technical data:

application:	RC roller blinds
control:	via radio RTS
radio frequency:	433.42 MHz
nominal voltage:	12 VDC
torque:	1.1 Nm
speed:	28 rpm
level of generated noise:	< 49 dB
diameter:	26,6 mm
total length:	530 mm
battery:	12 V 2600 mAh
minimum width of the blinds:	0,38m

Available:
III quarter 2020

SONESSE ULTRA 30 WF RTS Li-Ion 12 V



Battery motor.

Ultra quiet motor for medium and large free hanging roller blinds powered by an in-built rechargeable battery. Simple installation does not require an electrician. LED indicator informs on battery charge level. It is controlled by remote controls and switches in the RTS technology.

Somfy - 1003311



somfy

Technical data:

application:	RM roller blinds
control:	via radio RTS
radio frequency:	433.42 MHz
nominal voltage:	12 VDC
torque:	2.0 Nm
speed:	20 rpm
level of generated noise:	< 45 dB
diameter:	28,8 mm
total length:	635 mm
battery:	12 V 2600 mAh
minimum width of the blinds:	0,75m

Available:
III quarter 2020

ROLL UP 28WT 24 V

Tubular motor 28 mm controlled by wire through polarisation change and powered by a power adapter. Nominal alternating torque is 0,8 Nm. It's operation was tested at higher temperatures and for 10600 cycles. The motor overload detection protects the motor and the cover.

Somfy - 1002833



somfy

Technical data:

application:	RC and RM roller blinds
control:	wired
nominal voltage:	24 VDC
torque:	0.8 Nm
speed:	rolling up 28 rpm rolling down 51 rpm
level of generated noise:	48 dB - 57 dB
diameter:	26,5 mm
total length:	285 mm
minimum width of the blinds:	0,38m

SONESSE 30 RTS 24 V

The motor with the biggest torque (2Nm) among Somfy motors powered by 24 V voltage. Very low noise level - below 44 dB. One click of „my“ button sets the blind at previously programmed position. Radio technology with compatibility for Mod/Var and sun protection functions. Easy end position setting by using buttons in the motor head.

Somfy - 1001524



somfy

Technical data:

application:	RM roller blinds
control:	via radio RTS
radio frequency:	433.42 MHz
nominal voltage:	24 VDC
torque:	2 Nm
speed:	28 rpm
level of generated noise:	< 44 dB(A)
diameter:	31 mm
total length:	407 mm



SONESSE 40 PA / RTS 230V

Compact and quiet motor for internal coverings (works at the noise level below 45 dB.), powered by 230 V AC voltage. Available in two versions: wire-controlled PA and radio-controlled RTS: with various speeds and torques to choose: 3 Nm, 6 Nm or 9 Nm.

- Somfy - PA: 1001548 - 3 Nm RTS: 1001574 - 3 Nm
- 1001549 - 6 Nm 1001578 - 6 Nm
- 1001552 - 9 Nm 1001582 - 9 Nm



Technical data:

application:	RM and RL roller blinds
control:	wider PA and via radio RTS
radio frequency:	433.42 MHz
nominal voltage:	230 V / 50 Hz
speed:	torque:
	3 Nm - 30 rpm
	6 Nm - 20 rpm
	9 Nm - 12 rpm
level of generated noise:	< 45 dB
diameter:	40 mm
total length:	od 478 mm do 548 mm

SONESSE 40 io-homecontrol® 230V

The newest version of quiet motor Sonesse 40 in the IO technology. Powered by 230 V voltage, radio-controlled io-homecontrol. The level of generated noise below 44 dB. The drive is available in several versions, with various torques: 1.3 Nm, 3 Nm, 6 Nm and 9 Nm

- Somfy - 1003222 - 1,3 Nm
- 1003224 - 3 Nm
- 1003226 - 6 Nm



Technical data:

application:	RM and RL roller blinds
control:	via radio io-homecontrol
radio frequency:	868 - 870 MHz
nominal voltage:	230V / 50 Hz
speed:	torque:
	1,3 Nm - 50 rpm
	3 Nm - 30 rpm
	6 Nm - 20 rpm
level of generated noise:	44 dB
diameter:	38,2 mm
total length:	od 517 mm do 548 mm

SMART HOME

Enjoy the advantages of the control system while using your tablet, smartphone, laptop or smart watch.





POWER SUPPLY UNIT (PLUG-IN) 230/24V DC, 1A

- Stabilised power supply unit.
- Can power a single motor.
- It does not require any special installation.

Technical data: voltage (input): 207 V - 243 V
 frequency: 50 - 60 Hz
 voltage (output): 24 VDC + 3% / - 5%
 current max.: 1000 mA

Somfy - 1870279



POWER SUPPLY UNIT POWER 1.0 DC 24 VDC FLUSH-MOUNTED

- Small power supply unit for flush in-wall mounting.
- Perfect solution for powering a single motor.

Technical data: voltage (input): from 100 V to 240 V
 frequency: 50 - 60 Hz
 voltage (output): 24 V DC

Somfy - 1870274



POWER 1,5 DC 24 V GROUP POWER SUPPLY UNIT

- Surface mounting.
- Can power up to 3 motors.
- Mains plug sold separately

Technical data: voltage (input): 90 V - 264 V
 frequency: 43 - 67 Hz
 voltage (output): 24 VDC (90 do 240 VDC)
 current max.: 1500 mA

Somfy - 1870149



POWER 2,5 DC RTS GROUP POWER SUPPLY UNIT

- Power supply unit with integrated RTS receiver ~ 230V/ 24V DC.
- Can power and control up to 6 motors.
- Compatible with all RTS Somfy transmitters.

Technical data: voltage (input): 198 V - 255 V
 frequency: 50 Hz
 voltage (output): 24 VDC
 current max.: 2500 mA

Somfy - 1870157



POWER 2,7 DC 24 V

- Surface mounting
- Can power up to 6 motors.

Technical data: voltage (input): 198 V - 255 V
 frequency: 50 Hz
 voltage (output): 24 VDC +/- 5%
 current max.: 2700 mA

Somfy - 1870156



ANIMEO DC 230 V AC / 24 V DC GROUP POWER SUPPLY UNIT

- Surface mounting.
- Can power up to 11 motors.
- Stabilised power supply unit.

Technical data: voltage (input): 220 V - 240 V
 frequency: 50 - 60 Hz
 voltage (output): 24 VDC +/- 5%
 current max.: 4500 mA

Somfy - 1860093





POWER SUPPLY 12 V
FOR THE ROLL UP WireFree R28 RTS MOTOR

somfy

POWER SUPPLY UNIT FOR 12V WIREFREE DRIVE

- Does not require any additional service.
- Can power a single motor.
- Output short-circuit protection.

Technical data:

voltage (input):	from 100 to 240 V
frequency:	50 - 60 Hz
voltage (output):	12 VDC
current max.:	2000 mA

■ Somfy - 1822445



SOLAR ENERGY PACK FOR A WIREFREE DRIVE

(SOLAR PANEL, CABLE, WALL MOUNT CLIPS, BATTERY TUBE)

- Does not require any tools or electrical installations.
- Perfect for all Somfy 12 V WireFree motors.
- Batteries sold separately.
- Installation inside a room on a glass pane.

Technical data: voltage (output): 12 V

■ Somfy - 9019034



BATTERY TUBE FOR A WIREFREE DRIVE + CLIPS

- Available in two variants: for 8 AA lithium batteries or for 10 rechargeable. Includes wall mount clips, screws and plastic protection for battery tube. Batteries sold separately.

■ Somfy - 9018685 - 8x AA
9018608 - 10x NIMH



AC WALL CHARGER

- For charging NiMH batteries.

■ Somfy - 9018620



WIRE CONTROL 24 V
FOR THE ROLL UP 28 WT 24V MOTOR

somfy

INIS DC 24 V POWER SUPPLY SWITCH

- A single control switch integrated power supply unit for a 24 VDC wire-controlled motor.
- Easy installation in a standard flush-mounted box or in a surface mounted housing.

Technical data:

voltage (input):	233 V
frequency:	50 Hz
voltage (output):	24 VDC
current max.:	700 mA

■ Somfy - 1870071





SMOOVE UNO / DUO SWITCH (FIXED POSITION FP)

- Somfy Wire switches for control of wire motors
- Smooove UNO (fixed position) - for a single drive.
- Smooove DUO (fixed position) - independent control of two drives.
- Pressing the button causes the drive to move up / down to the end position.
- Press any button to stop the drive.

- Somfy Smooove Uno - 1800508
- Somfy Smooove Duo - 1800506



SMOOVE UNO IB+ SWITCH

- Wire switch for manual control of a single 230 V motor.
- Control by UP, DOWN and STOP/MY buttons.
- Programming the comfort position by „my“ function.
- Possibility to connect to two central control systems due to operation with IB and animeo IB+ buses.
- Easy and fast assembly in a 60 mm installation box.

- Somfy - 1811203 - pure
- 1811204 - silver
- 1811205 - black

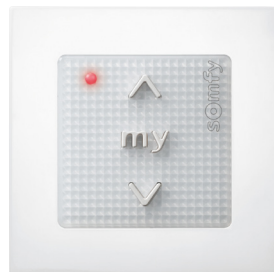


NOTE: Each colour - different price.
Set does not contain a frame.

SMOOVE ORIGIN IB+ SWITCH

- Manual central or group control of many drives while using the IB+ bus.
- It is used as a master in combination with individual controllers e.g. Centralis Uno IB, Smooove Uno IB.
- Compatible in terms of design with the Somfy Smooove Uno IB+ series.

- Somfy - 1811272



CHRONIS SMOOOVE UNO TIME PROGRAMMER

- Can control the wire controlled 230 V drives.
- Large back-lit touch screen enables easy control and programming while using the text display.
- Modern design, and 2 colour options allow free combination of the Chronis Smooove Uno programmer with other products from the Smooove series.

- Somfy - 1805268



SEPARATING RELAY TR2-U-E-230

- A relay for group control of roller blinds drives with mechanic or electronic switches used for a parallel connection of drives.
- A single relay can connect up to 2 drives.
- More drives require using several separating relays connected to each other. For several separating relay the supply with the same phase is necessary.
- By means of the control inputs only the current of the relay coil is controlled, not the drive. The controller current load is minimum.

- Somfy - 1822200



Our company is a member of the prestige „Powered by Somfy“ program. Participation in this program confirms the highest quality of offered products and confirms the top quality of customer service.



**WIRELESS CONTROL IN THE TECHNOLOGY RTS
FOR THE ROLL UP WireFree R28 RTS, SONESSE 30 RTS
AND SONESSE 40 RTS MOTORS**



SMOOVE ORIGIN RTS WALL SURFACE-MOUNT SWITCH

- Depending on the selected model, it is possible to control one or more devices or groups of devices.
- Compatible with all RTS powered systems (internal & external).
- Battery powered - no wiring required.
- Supplied with a mounting plate easy and quick to install on a wall, flush-mounted installation nest is not required.

- Somfy - 1811045 - Single channel switch
- Somfy - 1800223 - Two channel switch
- Somfy - 1800295 - Four channel switch



Set contains a frame.

SITUA 1 RTS II REMOTE CONTROL - COLOUR PURE

- A single channel remote control.
- It can control a single motor or one group of motors at the same time.
- Compatible with all external and integrated RTS receivers.
- The „my“ function will memorise your favorite position and recall it by pressing this button.
- Simple to programme and to modify. Wall bracket in set.

- Somfy - 1870403



Colours Iron, Natural and Arctic are available at request. NOTE: each colour - different price.

SITUA 5 RTS II REMOTE CONTROL - COLOUR PURE

- 5-channel remote control.
- Can control a single motor or up to 5 groups of motors at the same time.
- Compatible with all external and integrated RTS receivers.
- LED diode indicates sending commands; displays battery charge level and selected channel.
- Wall bracket in set.

- Somfy - 1870419



Colours Iron, Natural and Arctic are available at request. NOTE: each colour - different price.

TELIS 16 PURE HAND-HELD - COLOUR PURE (WHITE)

- 16-channel remote control.
- Can control a single motor or up to 16 groups of motors at the same time.
- Compatible with all external and integrated RTS receivers.
- The on-screen makes it easy to program and navigate through settings. You can assign each channel a name, icon and/or number.
- Powered by batteries, displays battery charge level.

- Somfy - 1811079



Colour Silver is available at request. NOTE: each colour - different price.

TELIS CHRONIS 6 REMOTE CONTROL

- 6-channel remote control with LED display.
- Can control a single motor or up to 6 groups of motors at the same time.
- Both: manual mode and time scheduled automatic mode available.
- Different scheduled operation available for each day of a week, up to 6 different timed events per day.
- The twilight function (closure at sunset), holidays mode functions and automatic summer / winter time change.

- Somfy - 1805215



CONNEXOON WINDOW RTS

- Allows to operate motors working in RTS technology within so-called window concept (e.g. internal roller blinds, external roller blinds, facade blinds, alarm) by smart phone or tablet from anywhere in the world..
- Offers scenarios (at home, away, sun protection, privacy) which can be automatically activated or deactivated.

- Somfy - 1811589





SIMU Hz 5-CHANNEL RADIO TRANSMITTER

- Wireless transmitter enables individual control of 5 roller blinds or 5 groups of roller blinds with the possibility to create areas and central control of a home.
- The pre-programmed ALL channel, ensures simultaneous operation of all 5 channels.
- LCD display enables to name each channel with 2 marks.
- Low battery warning signal.

Available in two versions:

■ Simu - 2008335



Wall surface version – mounted in a chosen place.

■ Simu - 2008798



Portable version - always close at hand.



SIMU transmitters are compatible with all SOMFY drives in the RTS technology.



RECEIVERS RTS 24 V



MODULIS DC 24 V EXTERNAL RADIO-BROADCAST RECEIVER

- Compatible with transmitters, Mod/Var function and Sunis sensor.
- Possibility for individual and group control (max. 2 drives).

Technical data:

radio frequency : 433,42 MHz
 voltage (output): 24 VDC
 current max. : 1300 mA

■ Somfy - 1870138





SMOOVE ORIGIN io

- Depending on the selected model, it is possible to control one or more devices or groups of devices.
- Possible individual, group and central control.
- Wireless - powered by batteries, and thus minimal cost of installation.
- Mounting plate enables simply and fast installation on a wall, a UP plug-in socket is not required.

- Somfy - 1811003 - Single channel switch
- Somfy - 1800204 - Two channel switch
- Somfy - 1800205 - Four channel switch



Set contains a frame.



SITUO 1 io II REMOTE CONTROL - COLOUR PURE

- 1-channel radio remote control to operate 1 or several drives in the „io“ technology.
- Possible individual, group and central control.
- UP, DOWN and „my“ buttons.
- „my“ button - for stopping or recalling individually set favorite position.

- Somfy - 1870312
- NEW! Model 2020



Colours Iron, Natural and Arctic are available at request. NOTE: each colour - different price.

SITUO 5 io II REMOTE CONTROL - COLOUR PURE

- 5-channel radio remote control for controlling one or several drives in the io technology.
- UP, DOWN and „my“ buttons + button for choosing the channel-No.
- Button „my“ for stopping and recalling the individually set comfort position.
- LED diode indicates the battery charge level and chosen channel.

- Somfy - 1870328
- NEW! Model 2020



Colours Iron, Natural and Arctic are available at request. NOTE: each colour - different price.

CONNEXOON BOX io

- Allows remote operation of devices operate in the io-homecontrol technology within so-called window concept (e.g. internal roller blinds, external roller blinds, facade blinds, alarm) by smartphone or tablet from anywhere in the world.
- Offers 4 scenarios (at home, away, sun protection, privacy) which can be automatically activated or deactivated.
- The user can program presence or absence scenarios. There is a choice of 1 or 2 apps to (WINDOW, TERRACE, ACCESS)



TAHOMA® PREMIUM CENTRAL UNIT

The control centre of a smart home enables to control devices in the io-homecontrol and RTS technology via Internet by PC computer, tablet or smart phone (with iOS or Android operating system).

Simple programming: each device can be named and assigned to a room.

Up to 40 scenarios can be set. Possibility to start them up manually, automatically, at a specified time or depending on signals from sensors.

Compatibility with all devices operated in the io technology.

Tahoma can also operate up to 200 units of devices operated in the RTS technology and io-homecontrol.





VESTAMATIC VL-MM-230-35 230 V

The motor of German producer of drives for sun shields - produced by VESTAMATIC®. It is dedicated for medium and large roller blinds. Powered with 230 V AC voltage, wire controlled.

Drives produced by VESTAMATIC® are compatible with remote controls and transmitters of other producers.

Technical data:

- application: RM and RL roller blind
- control: wire
- nominal voltage: 230 V / 50 Hz
- torque: 6 Nm
- speed: 28 rpm
- diameter: 35 mm
- total length: 459 mm



MOTORS FOR SMART ROLLER BLINDS



COULISSE CM-02 8 V



Wireless motor powered by an integrated lithium ion battery operated manually by a chain - pulling the chain starts the motor up. Simple installation without any special tools. The battery is recharged by universal micro USB cable - under normal use (1 cycle per day) it is enough to charge the battery 1 or 2 times a year.



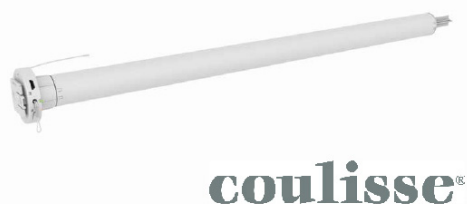
Technical data:

- application: RSM roller blind
- control: pulling chain
- nominal voltage: 8 V DC
- speed: 34 rpm
- torque: 0,65 Nm
- diameter: 25 mm
- battery: 2000 mAh 16 Wh (8V)
lithium ion battery

COULISSE CM-03 12 V



Wireless drive powered by integrated lithium ion battery, with a built-in receiver, remotely controlled - with remote, wall switch, or manually with a chain - pulling the chain causes the motor to start up. It is also possible to control the drive by mobile application. The battery is recharged by an universal micro USB cable.



Technical data:

- application: RSM roller blind
- control: pulling chain or RTS
- nominal voltage: 12 V DC
- speed: 28 rpm.
- torque: 1,1 Nm
- diameter: 25 mm
- battery: 1400 mAh 17 Wh (12V)
lithium ion battery



CM - 11

- 1-channel remote control.
- Can control a single drive or 1 group of drives.
- Wall holder in set.



CM - 12

- 5-channel remote control.
- Can control up to several drives.
- Wall holder in set.



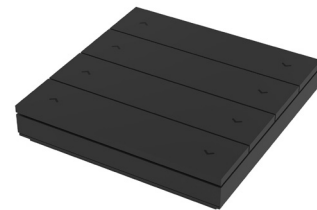
CM - 13

- 15-channel remote control.
- Can control up to several drives.
- Wall holder in set.



CM - 16

- 4-channel wall switch.
- Can control up to several drives.
- Wireless, powered by batteries.



CM - 17

- 4-channel desktop switch.
- Wireless, battery powered.
- Can control up to several drives.



CM - 18

- Wireless handling chain - 1-channel.
- Can control up to several drives.
- Length of chain: 50 cm, 60 cm and 100 cm.



CM - 19

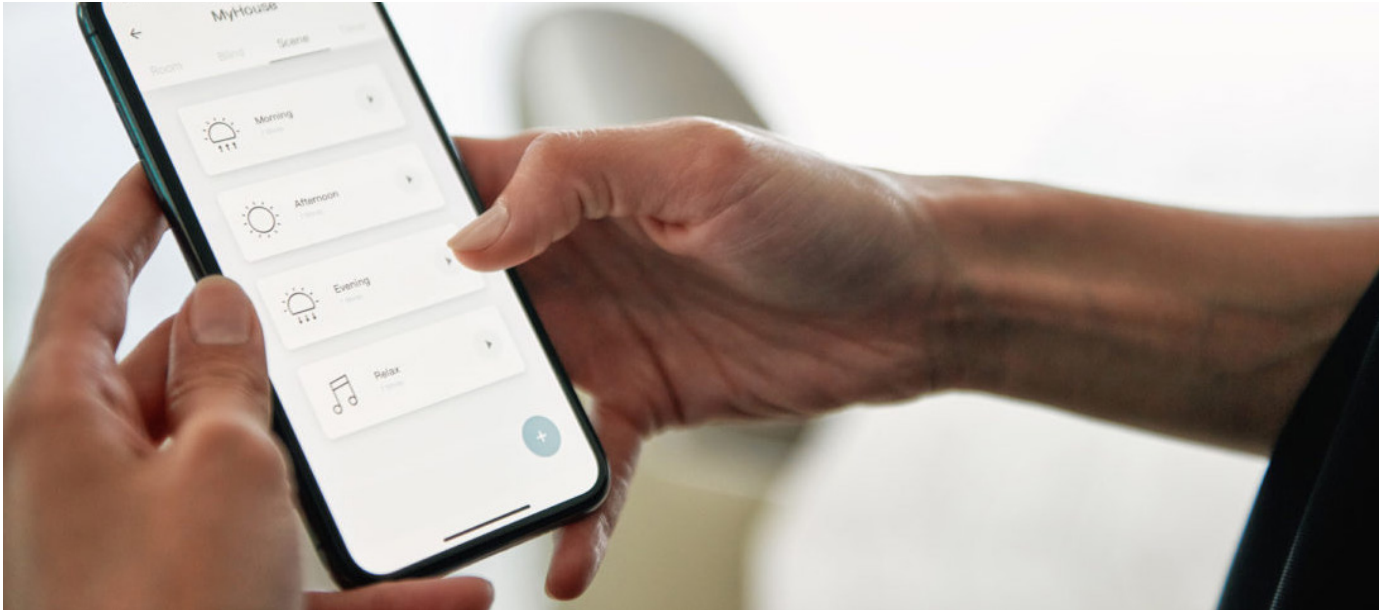
- Integration with systems of home automation.
- Unlimited number of operated devices.
- Programming up to 15 scenarios.



WI-FI BRIDGE CM - 20

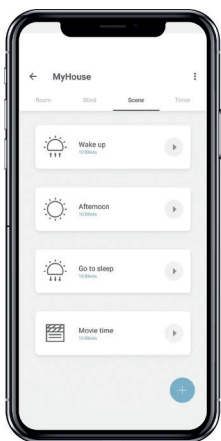
- Enables to control roller blinds with mobile application
- Connection up to 30 roller blinds at the same time
- Unlimited number of scenarios
- Two-directional communication



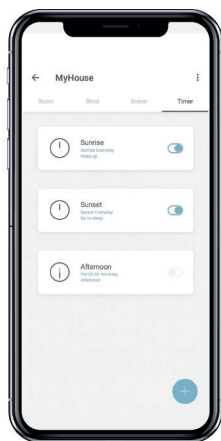


COULISSE MOBILE APPLICATION - MOTION BLINDS HIGHER LEVEL OF OPERATION.

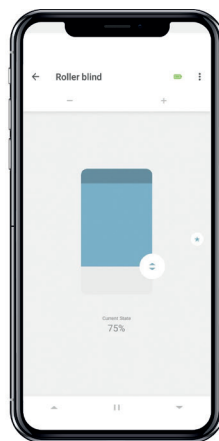
Simultaneous control of many roller blinds by easy to use Motion Blinds application. Make your home automated thanks to programmed operation modes and the timer. Control the interior climate by reducing the loss of thermal energy. Find proper balance between amount of light and privacy protection. Thanks to the Motion Blinds application you set optimal position of roller blinds and check the current battery charge level.



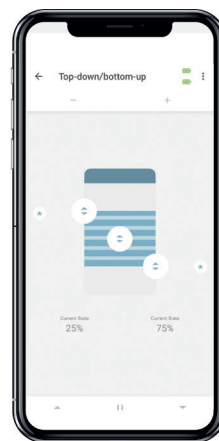
Set scenes
with pre-set
positions



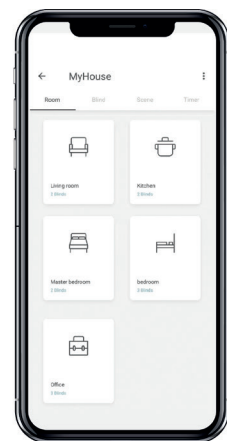
Add timers to
automate
scenes



Create rooms
with multiple
blinds



Send the blind to
any desired
position



Compatible with
different types
of blinds

Download the Motion Blinds application on a mobile device from the App Store or Google Play shop!



Watch a video:
How the Motion Blinds application works.

<https://youtu.be/jyFTdo9Mwh0>





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www.shadow-system.pl



Roller Blinds
Product Brochure