

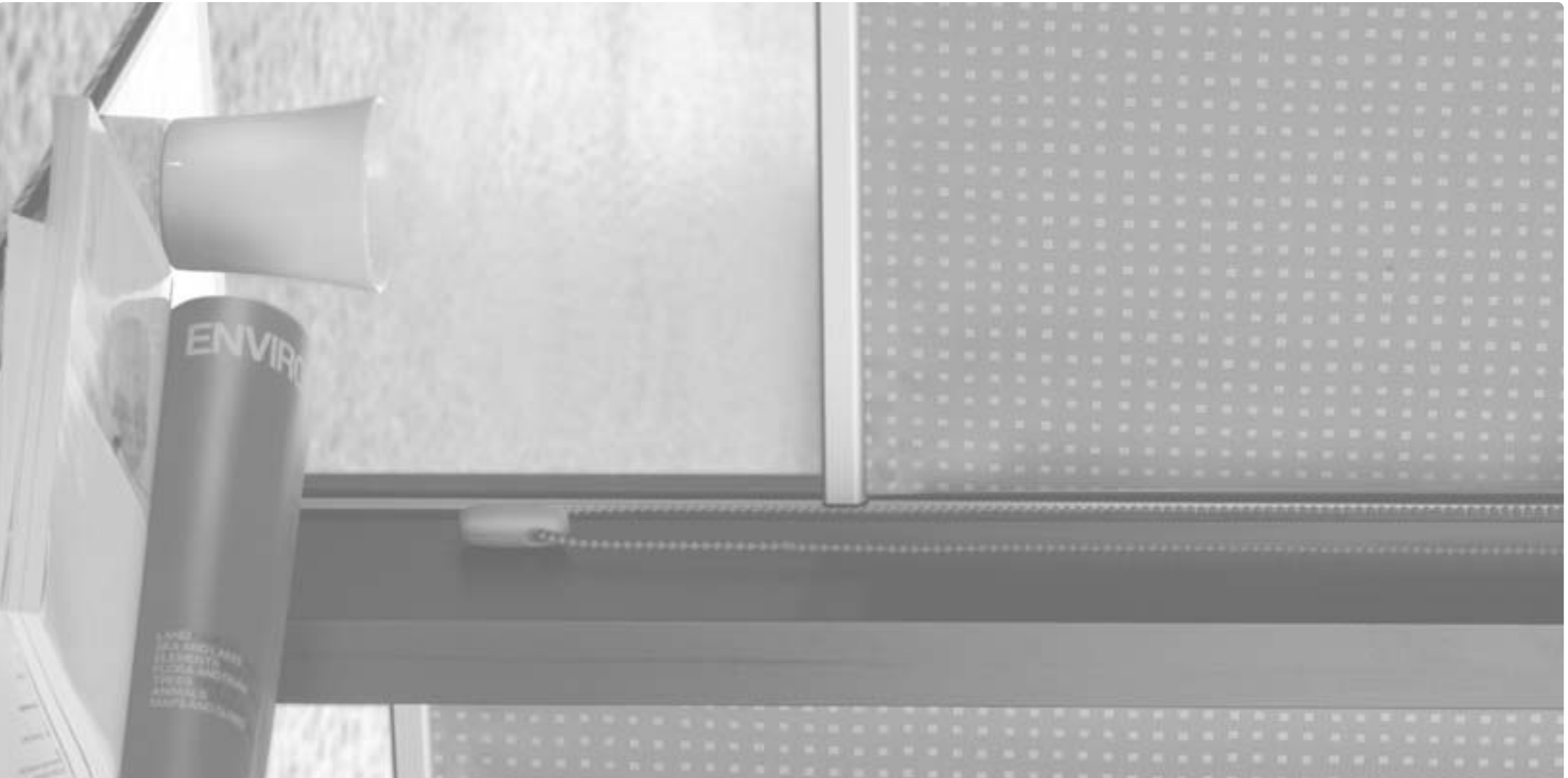


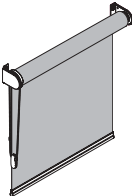
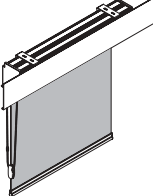
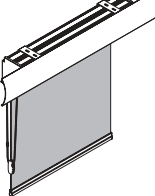
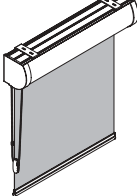
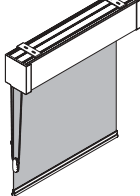











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Large Rollers

**Measuring &
Ordering**

Large Rollers



		Bracket	Fascia		Cassette	
Type		RL10	RL16	RL17	RL12	RL13
						
Operation	 Chain	● RL10	● RL16	● RL17	● RL12	● RL13
	 Motor	● RL60	● RL66	● RL67	● RL62	● RL63
	 Crank	● RL70	● RL76	● RL77	● RL72	● RL73
Mounting Wall / Ceiling / Reveal	 Mounting angle				●	●
	 Mounting bracket		●	●		
	 Universal bracket	●				
Side guiding	 Cord guiding	●	●	●	●	●
	 Profile guiding reveal		●	●	●	●
	 Profile guiding		●	●	●	●
	 Moulding for closing profile		●	●	●	●
Other	 Coupling	●	●	●	●	●

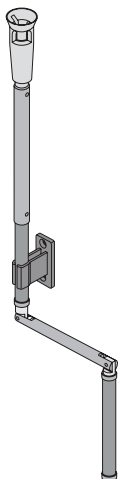


Chain operation:

Can be placed left or right.

Plastic ball chain (Ø4.5 x 6 mm) with chain weight in white, grey or black.

Steel ball chain (Ø4.5 x 6 mm) made out of nickel-plated brass or stainless steel.

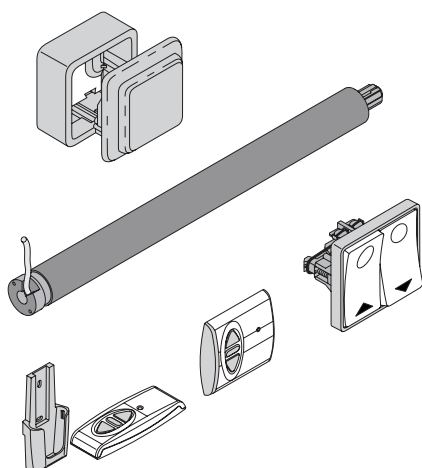


Crank operation:

Can be placed left or right.

Crank and crank rod in white or grey.

Length: 1.50 m, 2.00 m or 2.50 m



Motor activity:

230 V motor

Motor operation:

via open/close switch

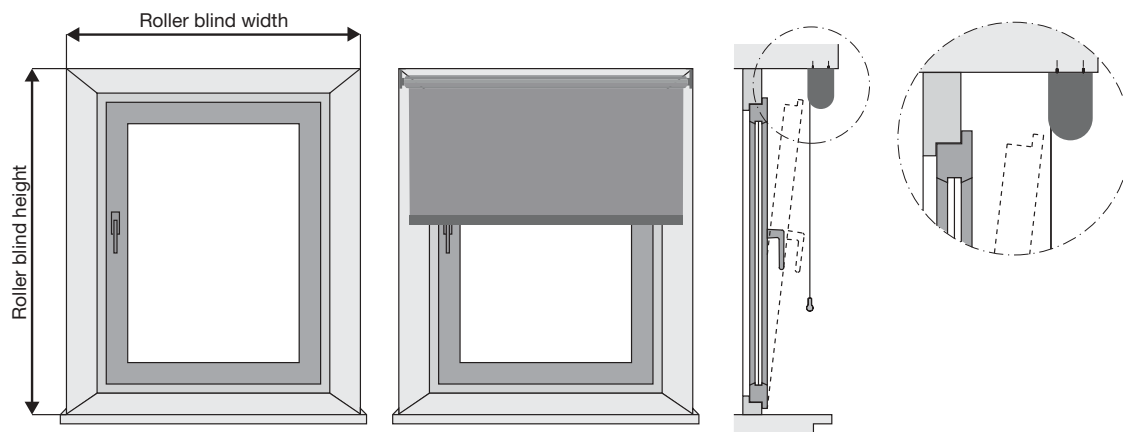
or

via radio hand transmitter or radio wall transmitter

Mounting variants

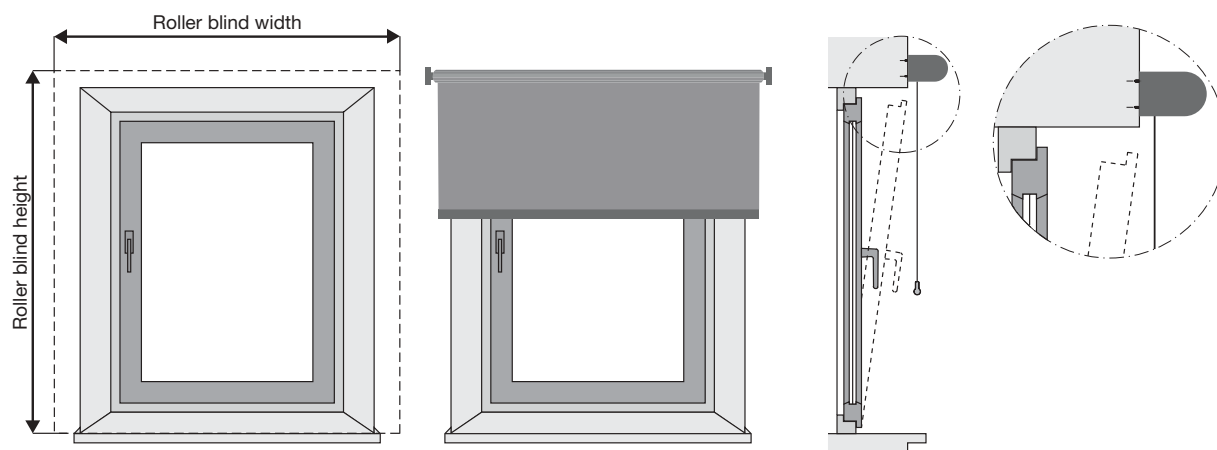
Mounting in the reveal

Measure the niche width and height at several positions exactly.
Smallest measured dimension = order dimension



Mounting in front of the window

Consider the desired projection when assembling in front of the window.
Recommendation: Lateral projection per side approx. 50 mm



Pricing

Roller blind width = order width

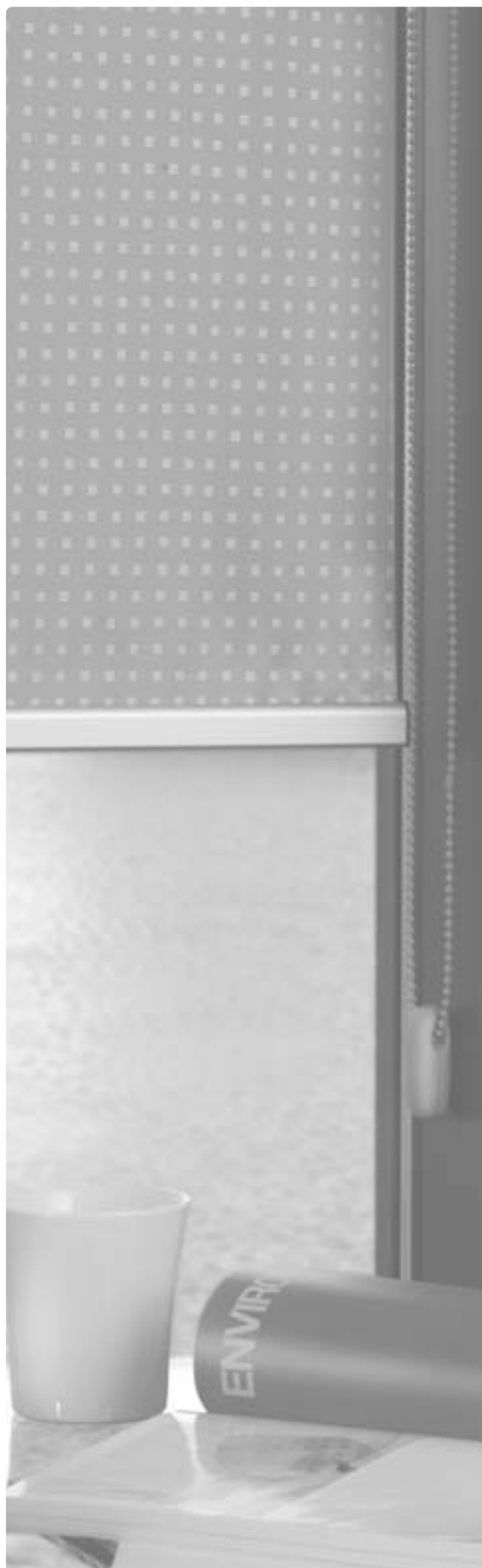
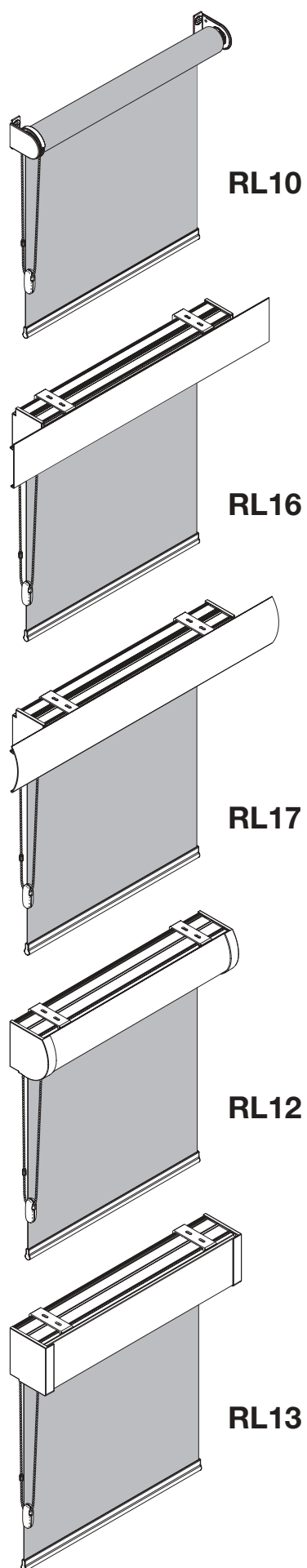
One measures between the outside edge of the left and right cap.
The fabric width is -50 mm, with crank operation -60 mm.

Roller blind height = order height

Upper edge cassette to lower edge closing profile.

Pricing

The basic price is determined on the basis of the roller blind type, roller blind width, roller blind height and the fabric quality (note the price group).
Additional charges for cord guiding, profile guiding, motor and crank operation or mounting variants are added to the basic price.



Type RL10 / RL60 / RL70

RL10 Roller blind with fixing bracket and lateral chain operation

RL60 Roller blind with fixing bracket and motor operation

RL70 Roller blind with fixing bracket and lateral crank operation

Roller blind width: max. 4.00 m (depending on the fabric)

Roller blind height: max. 4.00 m (depending on the fabric)

Hanging weight: max. 12.0 Kg
(by chain operation with lifting spring)

Operation: Optional left or right
Standard Ø4.5 x 6 plastic ball chain
with chain weight

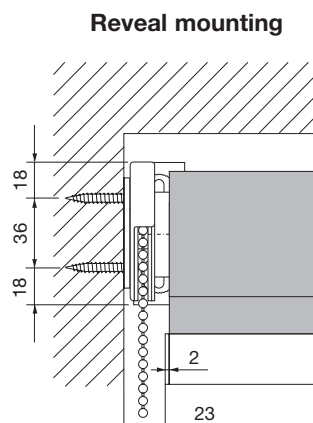
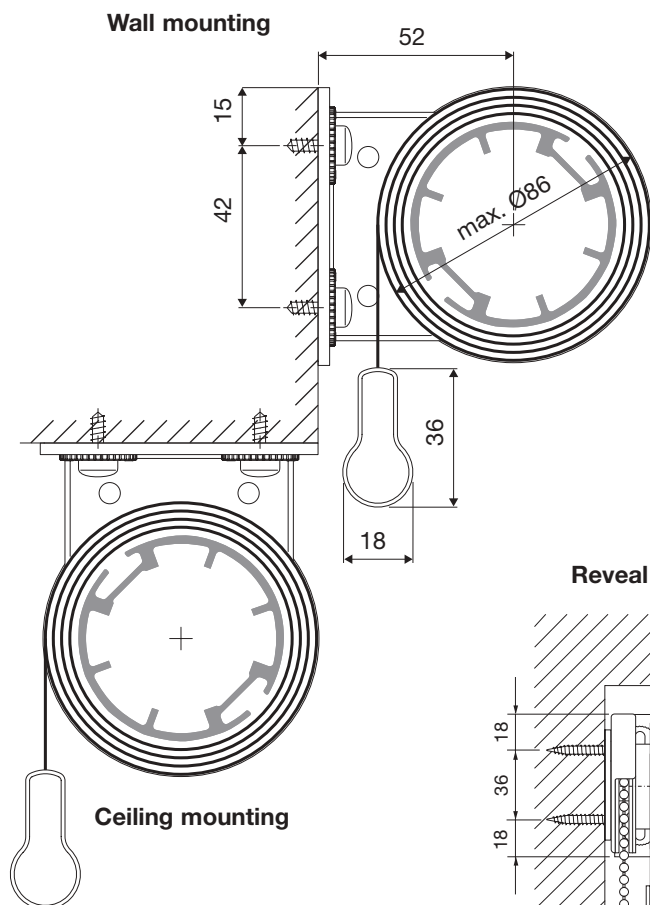
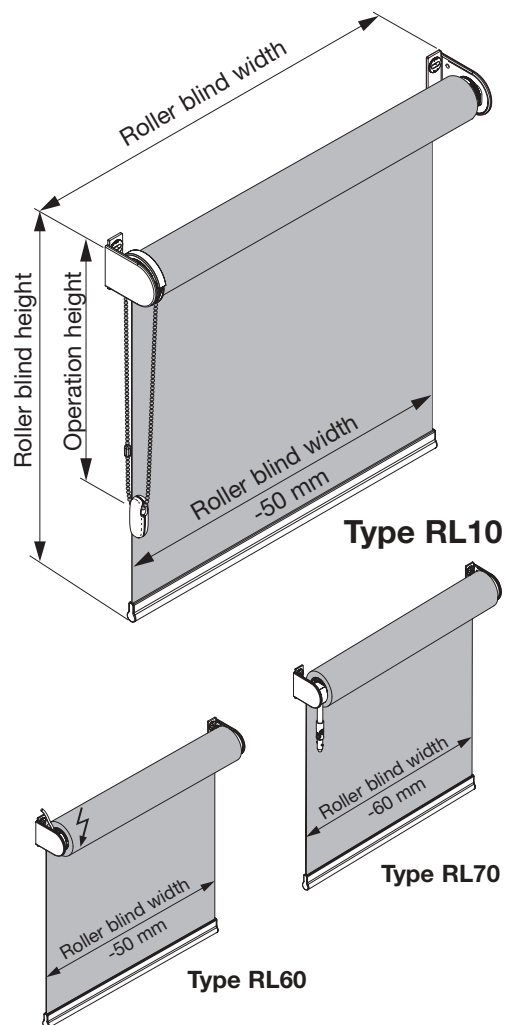
Optional: Ø4.5 x 6 steel ball chain in nickel-plated brass
or stainless steel
Crank operation (white or grey)
Motor operation (see page 19-20)

Operation height: Standard ball chain = Roller blind height x 0.75
Crank length optional 1.5 m, 2 m or 2.5 m

Colour: Profile: Standard white RAL 9016,
or grey RAL 9006
Optional black RAL 9005, beige or anodised
Plastic: Standard white or grey
Optional black or beige

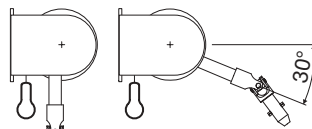
Pattern of the hanging: Optimal facing inwards or outwards
(Standard: facing inwards)

Mounting: Simple mounting on the ceiling or wall and
in the reveal by an universal bracket.

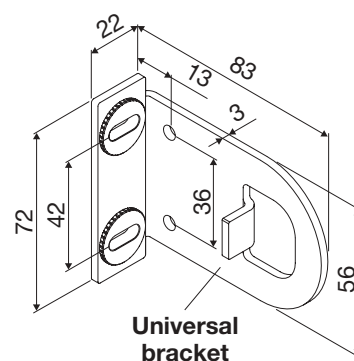
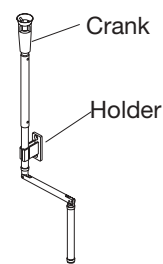
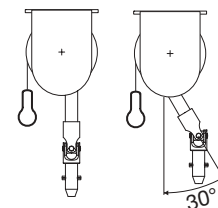


Exit for crank

Wall



Ceiling



Cord guiding:

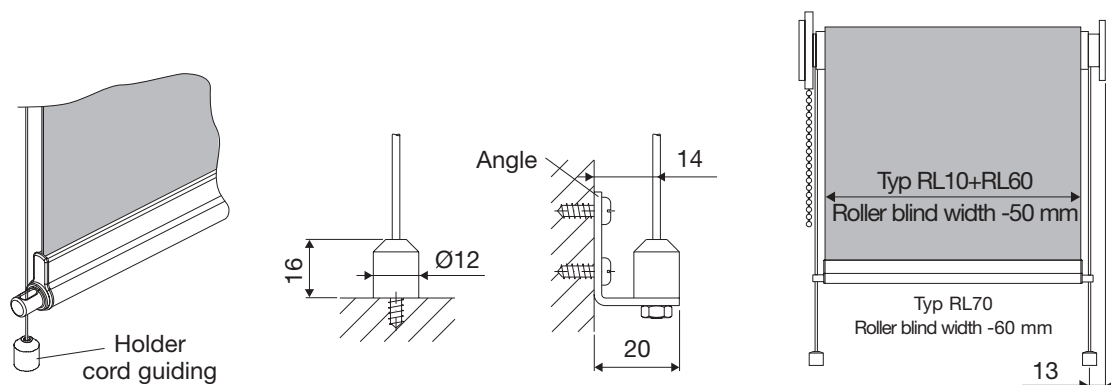
The hanging of the roller blind is guided between two cords running parallel to the wing of the window (angle of inclination max. 15°).

The cord ends are mounted with the holder directly underneath the window or via an angle.

An eyelet at the closing profile of the hanging encloses the cord and ensures the guiding.

Material (cord): Steel, plastic-coated, clear or white (Ø2.0 mm).

Accessories: Angle for cord fixing.



Type RL16 / RL66 / RL76

RL16 Roller blind with cover profile flat and lateral chain operation.

RL66 Roller blind with cover profile flat and motor operation.

RL76 Roller blind with cover profile flat and lateral crank operation.

Roller blind width: max. 4.00 m (depending on the fabric)

Roller blind height: max. 4.00 m (depending on the fabric)

Hanging weight: max. 12.0 Kg
(by chain operation with lifting spring)

Operation: Optional left or right
Standard Ø4.5 x 6 plastic ball chain
with chain weight

Optional: Ø4.5 x 6 steel ball chain in nickel-plated brass
or stainless steel
Crank operation (white or grey)
Motor operation (see page 19-20)

Operation height: Standard ball chain = Roller blind height x 0.75
Crank length optional 1.5 m, 2 m or 2.5 m

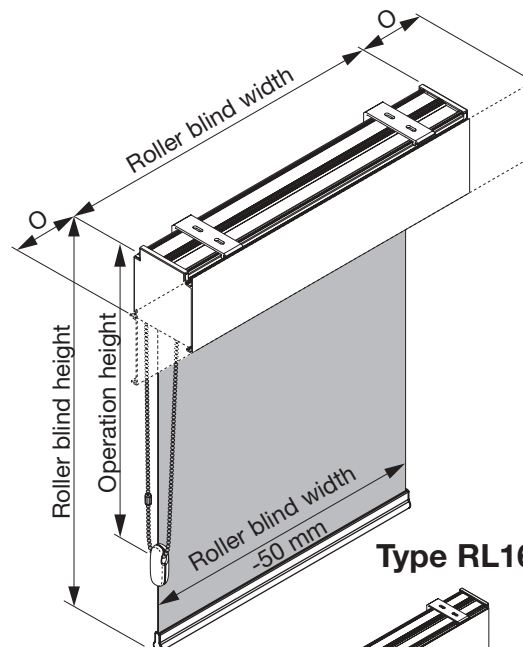
Colour: Profile: Standard white RAL 9016,
or grey RAL 9006
Optional black RAL 9005, beige or anodised
Plastic: Standard white or grey
Optional black or beige

Pattern of the hanging: Optimal facing inwards or outwards
(Standard: facing inwards)

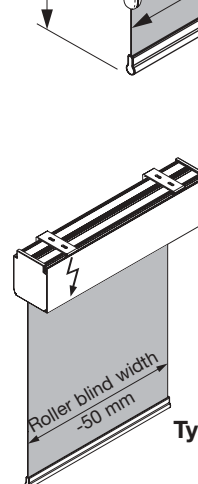
Option: Coupling (see page 18)

Overlap (O): Optional overlap possible each side

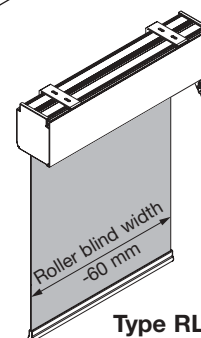
Mounting: Simple mounting on the ceiling with mounting
bracket and in the reveal by an universal
bracket.



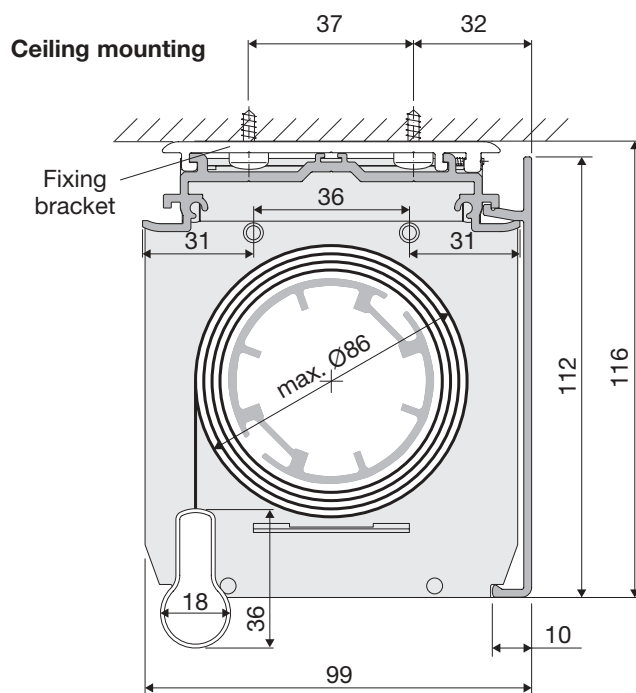
Type RL16



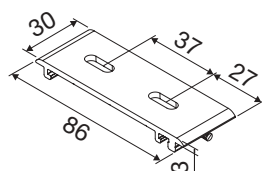
Type RL66



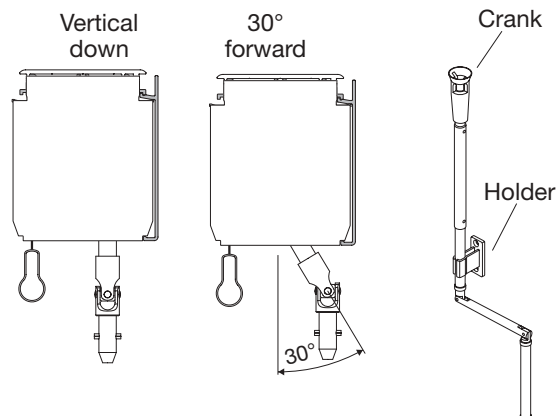
Type RL76



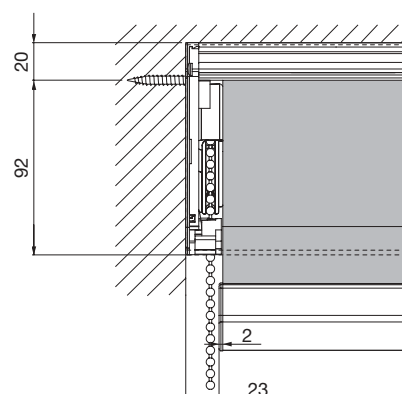
Fixing bracket



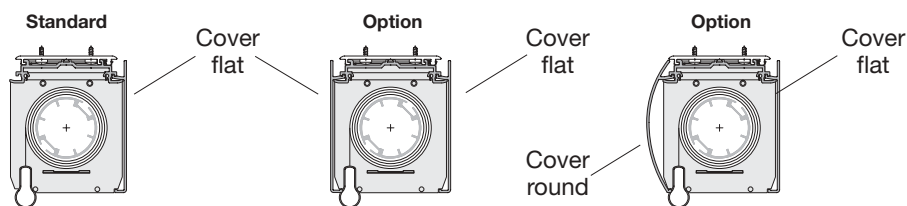
Exit of the crank



Reveal mounting



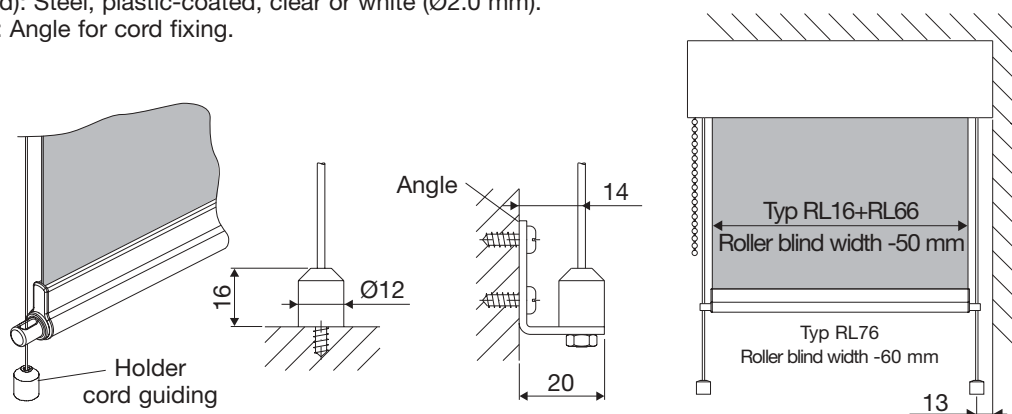
Different cover variants are available to assemble type **RL16 / RL66 / RL76**.



Cord guiding option for type RL16 / RL66 / RL76

Cord guiding

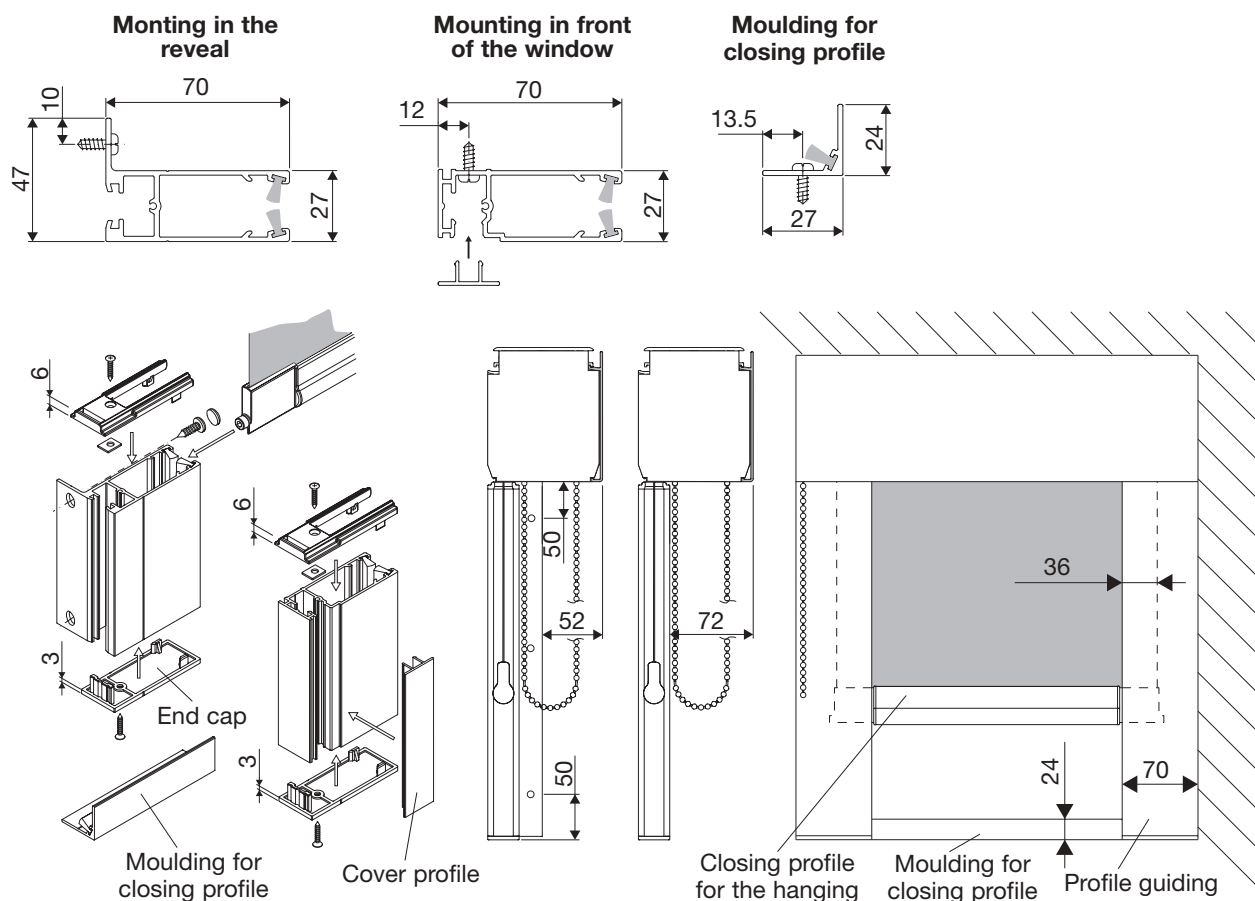
The hanging of the roller blind is guided between two cords running parallel to the wing of the window (angle of inclination max. 15°). The cord ends are mounted with the holder directly underneath the window or via an angle. An eyelet at the closing profile of the hanging encloses the cord and ensures the guiding. Material (cord): Steel, plastic-coated, clear or white (Ø2.0 mm). Accessories: Angle for cord fixing.



Profile guiding option for type RL16 / RL66 / RL76

Profile guiding

The end pieces of the closing profile of the hanging are led in the profile guidance. The fabric of the hanging extends on both sides 36 mm into the profile guiding. Angle of inclination max. 15°. Profile colour: Matches the cassette colour. Dimensions: Cross section = 70 x 27 (47) mm / Length = max. 4.00 m. Accessories: Tight brushes for moulding for the closing profile and closing profile of the hanging. Note: The roller blind and the profile guiding must be mounted parallel and perpendicular.



Type RL17 / RL67 / RL77

RL17 Roller blind with cover profile round and lateral chain operation.

RL67 Roller blind with cover profile round and motor operation.

RL77 Roller blind with cover profile round and lateral crank operation.

Roller blind width: max. 4.00 m (depending on the fabric)

Roller blind height: max. 4.00 m (depending on the fabric)

Hanging weight: max. 12.0 Kg
(by chain operation with lifting spring)

Operation: Optional left or right
Standard Ø4.5 x 6 plastic ball chain
with chain weight

Optional: Ø4.5 x 6 steel ball chain in nickel-plated brass
or stainless steel
Crank operation (white or grey)
Motor operation (see page 19-20)

Operation height: Standard ball chain = Roller blind height x 0.75
Crank length optional 1.5 m, 2 m or 2.5 m

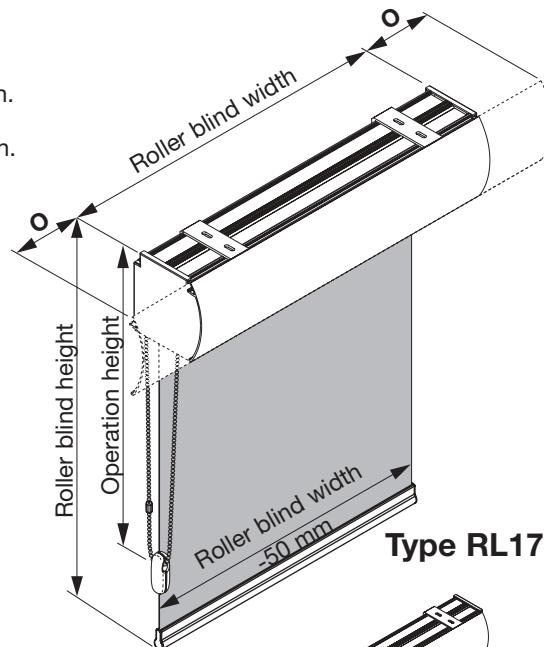
Colour: Profile: Standard white RAL 9016,
or grey RAL 9006
Optional black RAL 9005, beige or anodised
Plastic: Standard white or grey
Optional black or beige

Pattern of the hanging: Optimal facing inwards or outwards
(Standard: facing inwards)

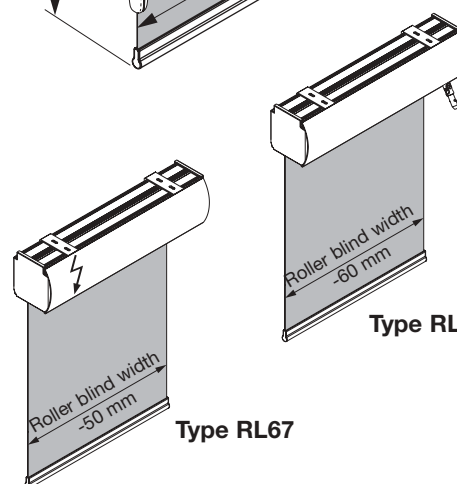
Option: Coupling (see page 18)

Overlap (O): Optional overlap possible each side

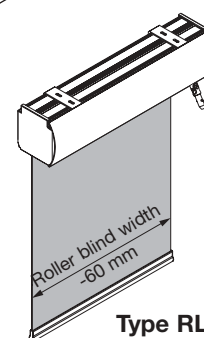
Mounting: Simple mounting on the ceiling with mounting
bracket and in the reveal by an universal
bracket.



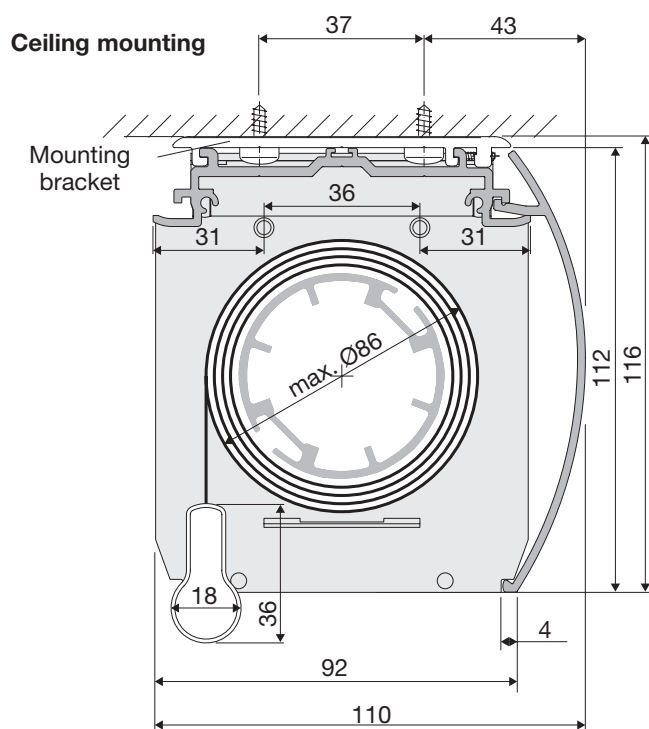
Type RL17



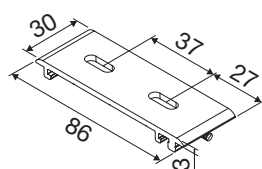
Type RL67



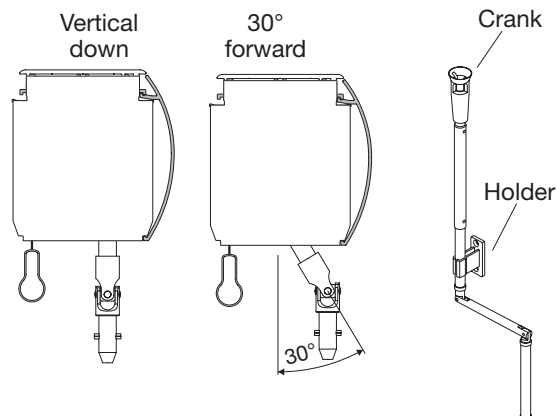
Type RL77



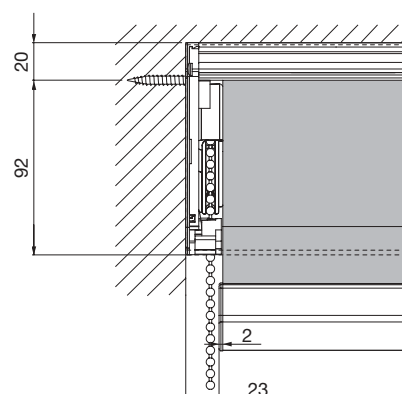
Mounting bracket



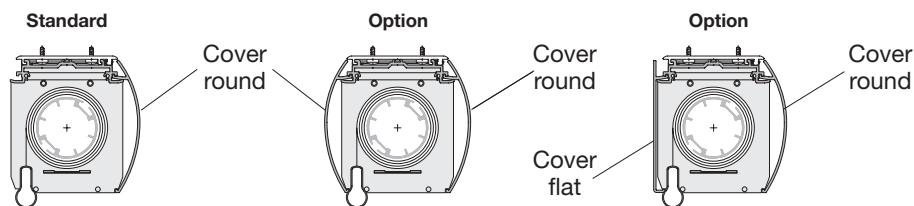
Exit of the crank



Reveal mounting



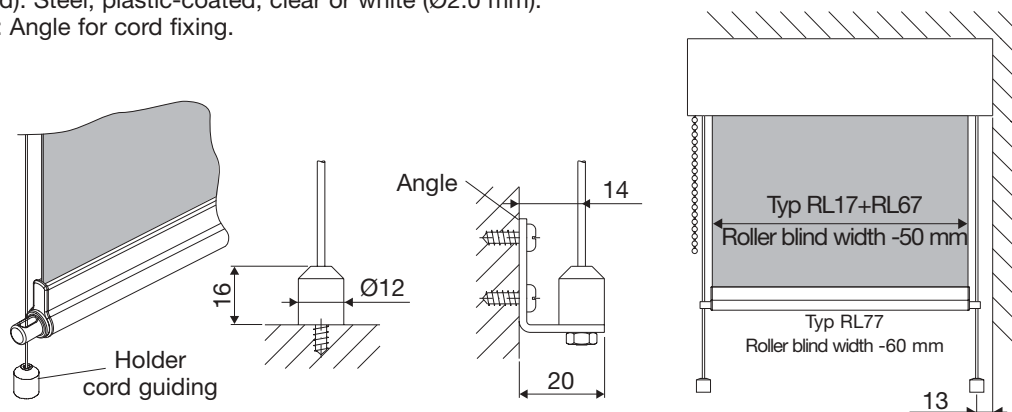
Different cover variants are available to assemble type **RL17 / RL67 / RL77**.



Cord guiding option for type RL17 / RL67 / RL77

Cord guiding

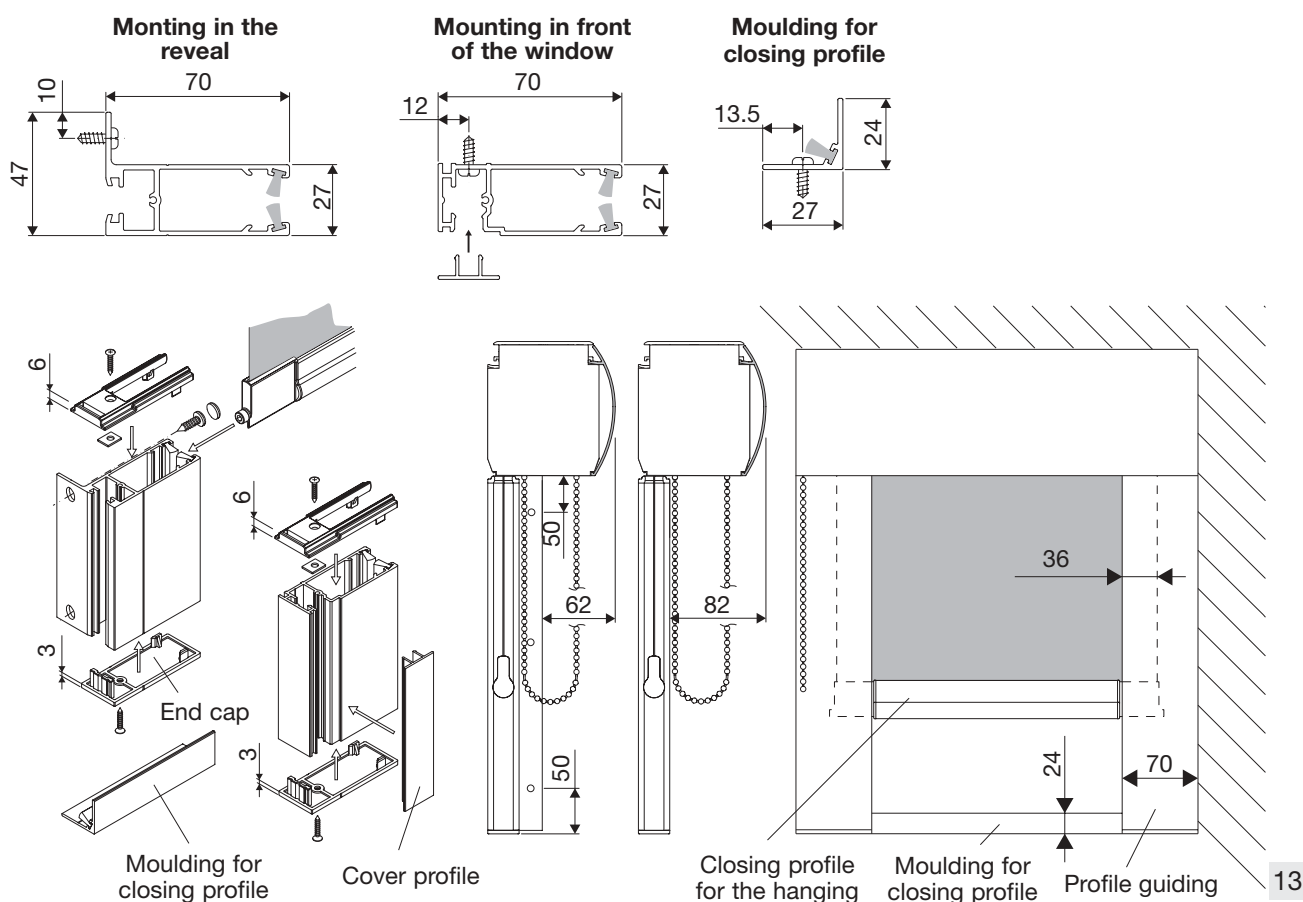
The hanging of the roller blind is guided between two cords running parallel to the wing of the window (angle of inclination max. 15°). The cord ends are mounted with the holder directly underneath the window or via an angle. An eyelet at the closing profile of the hanging encloses the cord and ensures the guiding. Material (cord): Steel, plastic-coated, clear or white (Ø2.0 mm). Accessories: Angle for cord fixing.



Profile guiding option for type RL17 / RL67 / RL77

Profile guiding

The end pieces of the closing profile of the hanging are led in the profile guidance. The fabric of the hanging extends on both sides 36 mm into the profile guiding. Angle of inclination max. 15°. Profile colour: Matches the cassette colour. Dimensions: Cross section = 70 x 27 (47) mm / Length = max. 4.00 m. Accessories: Tight brushes for moulding for the closing profile and closing profile of the hanging. Note: The roller blind and the profile guiding must be mounted parallel and perpendicular.



Type RL12 / RL62 / RL72

RL12 Roller blind with round cassette profile and lateral chain operation.

RL62 Roller blind with round cassette profile and motor operation.

RL72 Roller blind with round cassette profile and lateral crank operation.

Roller blind width: max. 4.00 m (depending on the fabric)

Roller blind height: max. 4.00 m (depending on the fabric)

Hanging weight: max. 12.0 Kg
(by chain operation with lifting spring)

Operation: Optional left or right
Standard Ø4.5 x 6 plastic ball chain
with chain weight

Optional: Ø4.5 x 6 steel ball chain in nickel-plated brass
or stainless steel
Crank operation (white or grey)
Motor operation (see page 19-20)

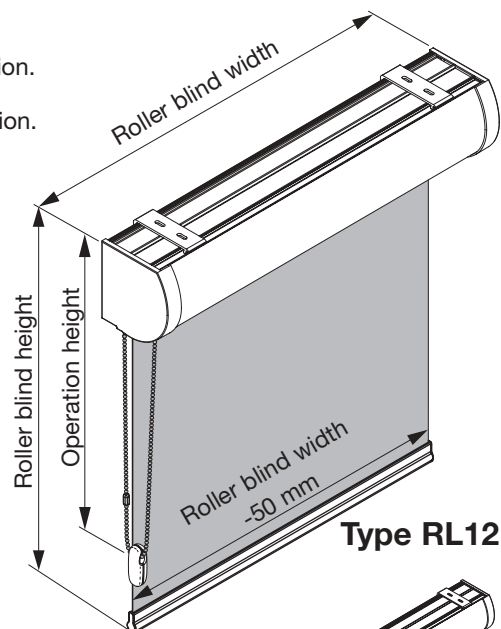
Operation height: Standard ball chain = Roller blind height x 0.75
Crank length optional 1.5 m, 2 m or 2.5 m

Colour: Profile: Standard white RAL 9016,
or grey RAL 9006
Optional black RAL 9005, beige or anodised
Plastic: Standard white or grey
Optional black or beige

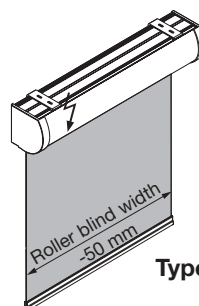
Pattern of the hanging: Optinal facing inwards or outwards
(Standard: facing inwards)

Option: Coupling (see page 18)

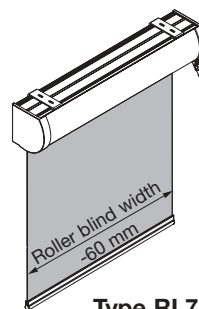
Mounting: Simple mounting on the ceiling or wall
by an universal bracket.



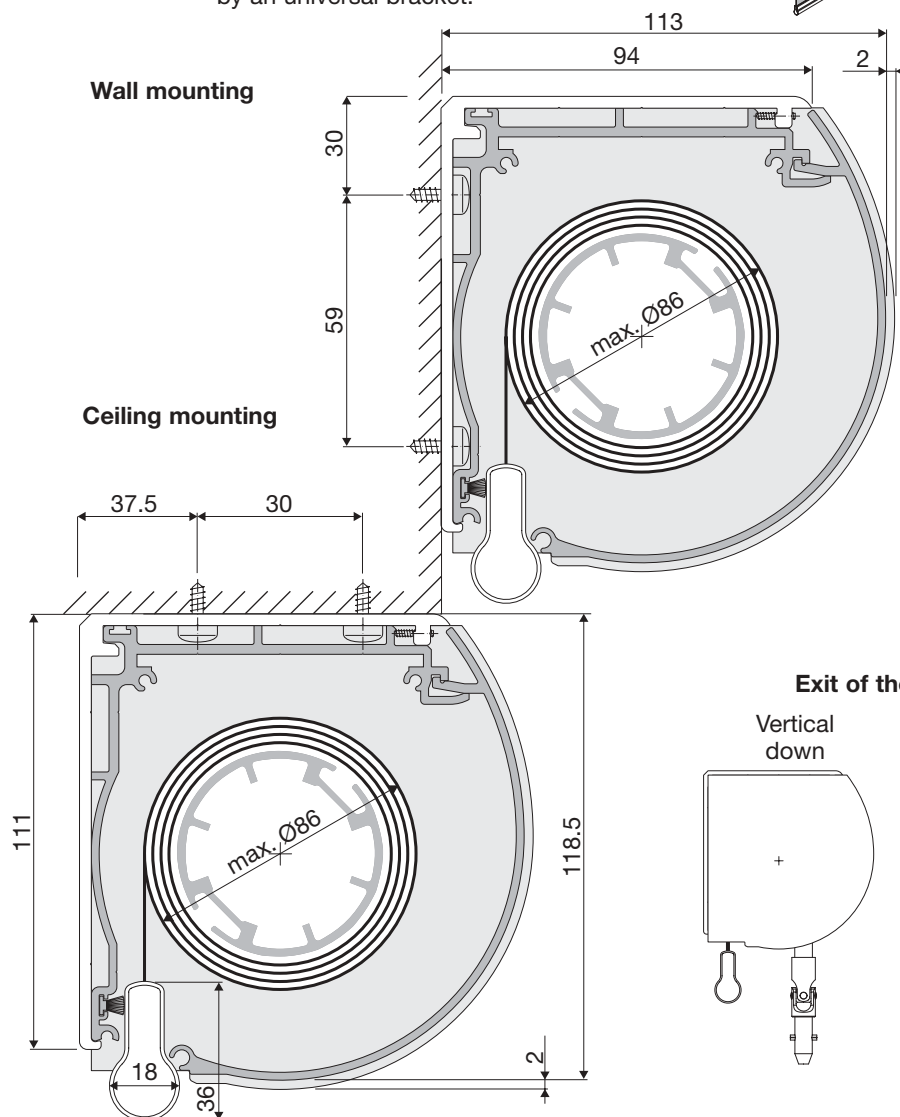
Type RL12



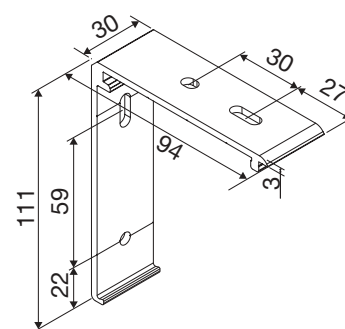
Type RL62



Type RL72

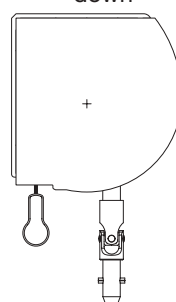


Universal bracket

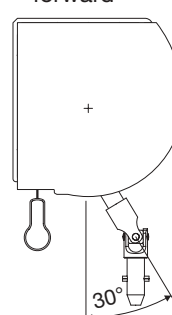


Exit of the crank

Vertical
down

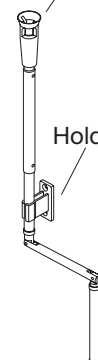


30°
forward

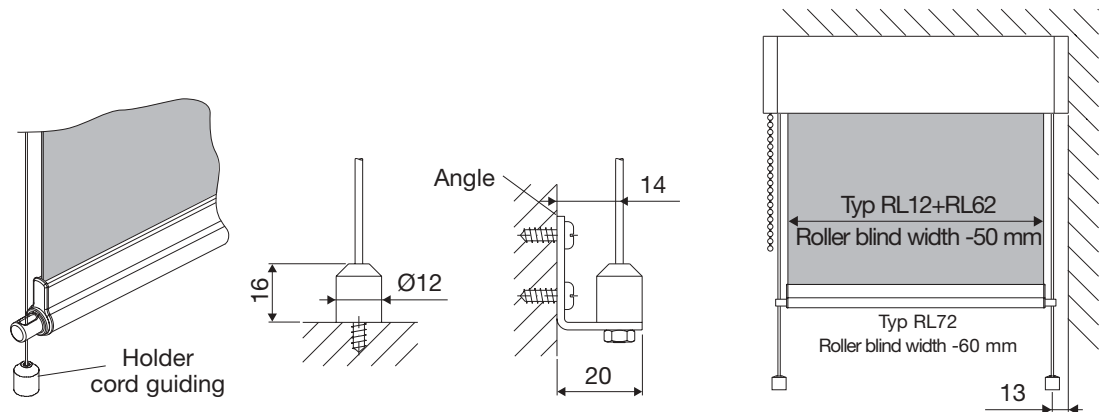


Crank

Holder



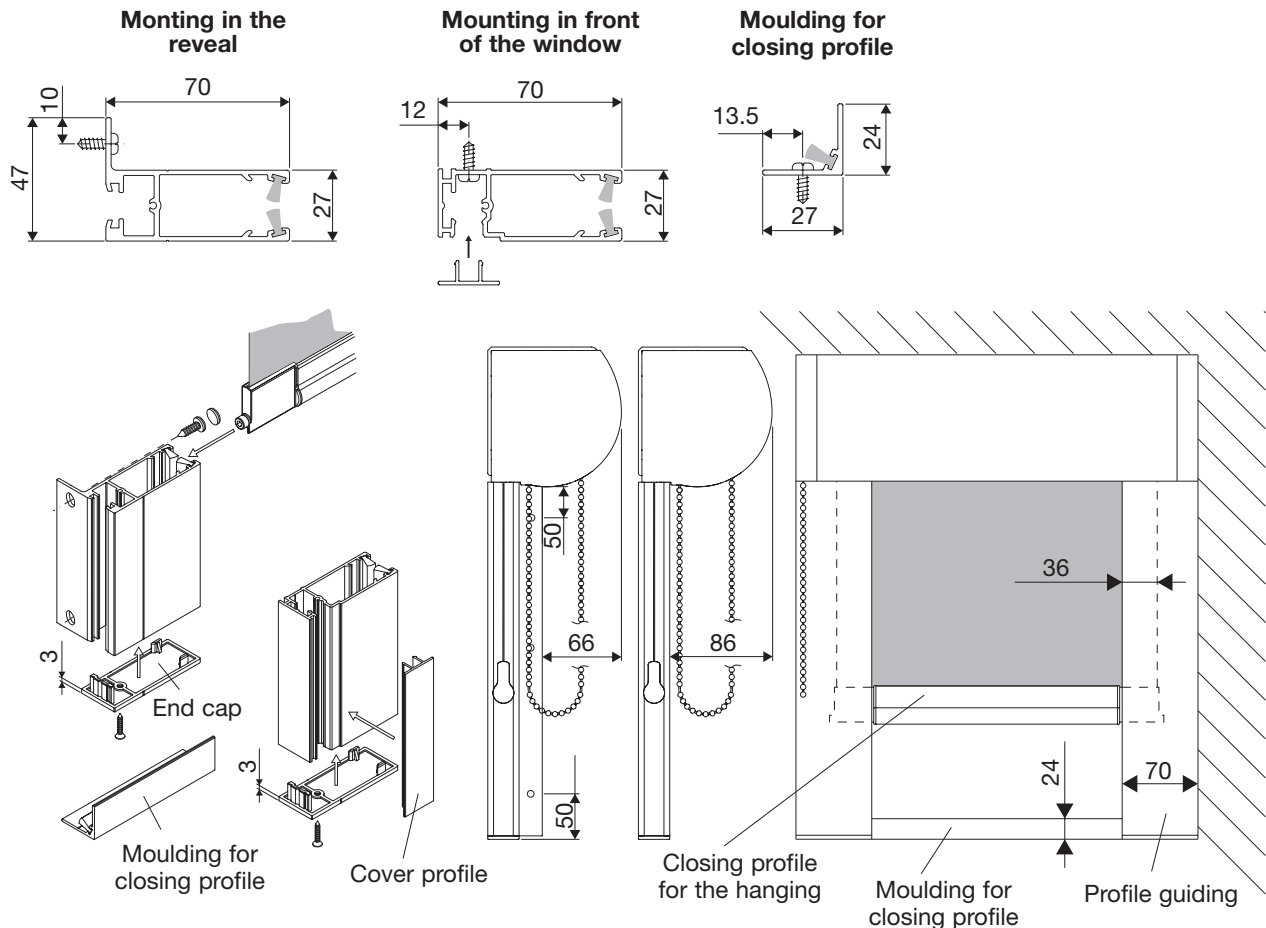
The hanging of the roller blind is guided between two cords running parallel to the wing of the window (angle of inclination max. 15°). The cord ends are mounted with the holder directly underneath the window or via an angle. An eyelet at the closing profile of the hanging encloses the cord and ensures the guiding.
 Material (cord): Steel, plastic-coated, clear or white (Ø2.0 mm).
 Accessories: Angle for cord fixing.



Profile guiding option for type RL12 / RL62 / RL72

Profile guiding

The end pieces of the closing profile of the hanging are led in the profile guidance. The fabric of the hanging extends on both sides 36 mm into the profile guiding. Angle of inclination max. 15°.
 Profile colour: Matches the cassette colour. Dimensions: Cross section = 70 x 27 (47) mm / Length = max. 4.00 m.
 Accessories: Tight brushes for moulding for the closing profile and closing profile of the hanging.
Note: The roller blind and the profile guiding must be mounted parallel and perpendicular.



Type RL13 / RL63 / RL73

RL13 Roller blind with angular cassette profile and lateral chain operation.

RL63 Roller blind with angular cassette profile and motor operation.

RL73 Roller blind with angular cassette profile and lateral crank operation.

Roller blind width: max. 4.00 m (depending on the fabric)

Roller blind height: max. 4.00 m (depending on the fabric)

Hanging weight: max. 12.0 Kg
(by chain operation with lifting spring)

Operation: Optional left or right
Standard Ø4.5 x 6 plastic ball chain
with chain weight

Optional: Ø4.5 x 6 steel ball chain in nickel-plated brass
or stainless steel
Crank operation (white or grey)
Motor operation (see page 19-20)

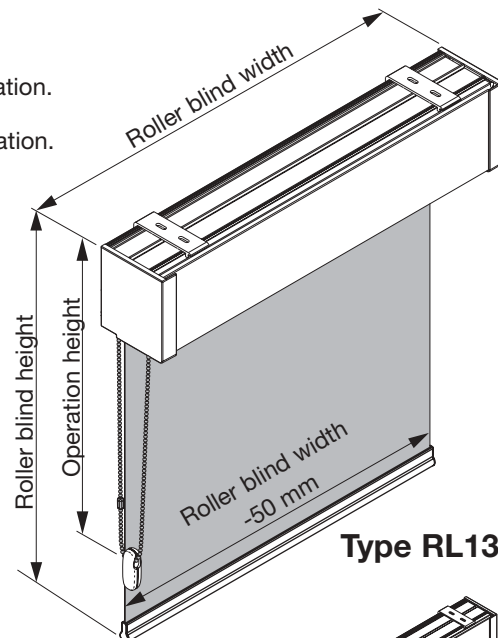
Operation height: Standard ball chain = Roller blind height x 0.75
Crank length optional 1.5 m, 2 m or 2.5 m

Colour: Profile: Standard white RAL 9016,
or grey RAL 9006
Optional black RAL 9005, beige or anodised
Plastic: Standard white or grey
Optional black or beige

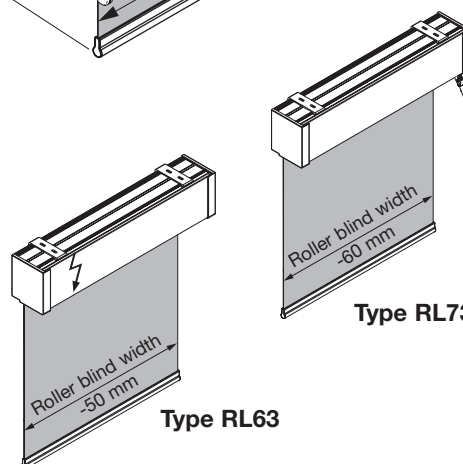
Pattern of the hanging: Optimal facing inwards or outwards
(Standard: facing inwards)

Option: Coupling (see page 18)

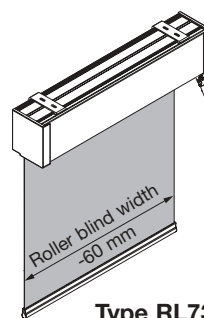
Mounting: Simple mounting on the ceiling or wall
by an universal bracket.



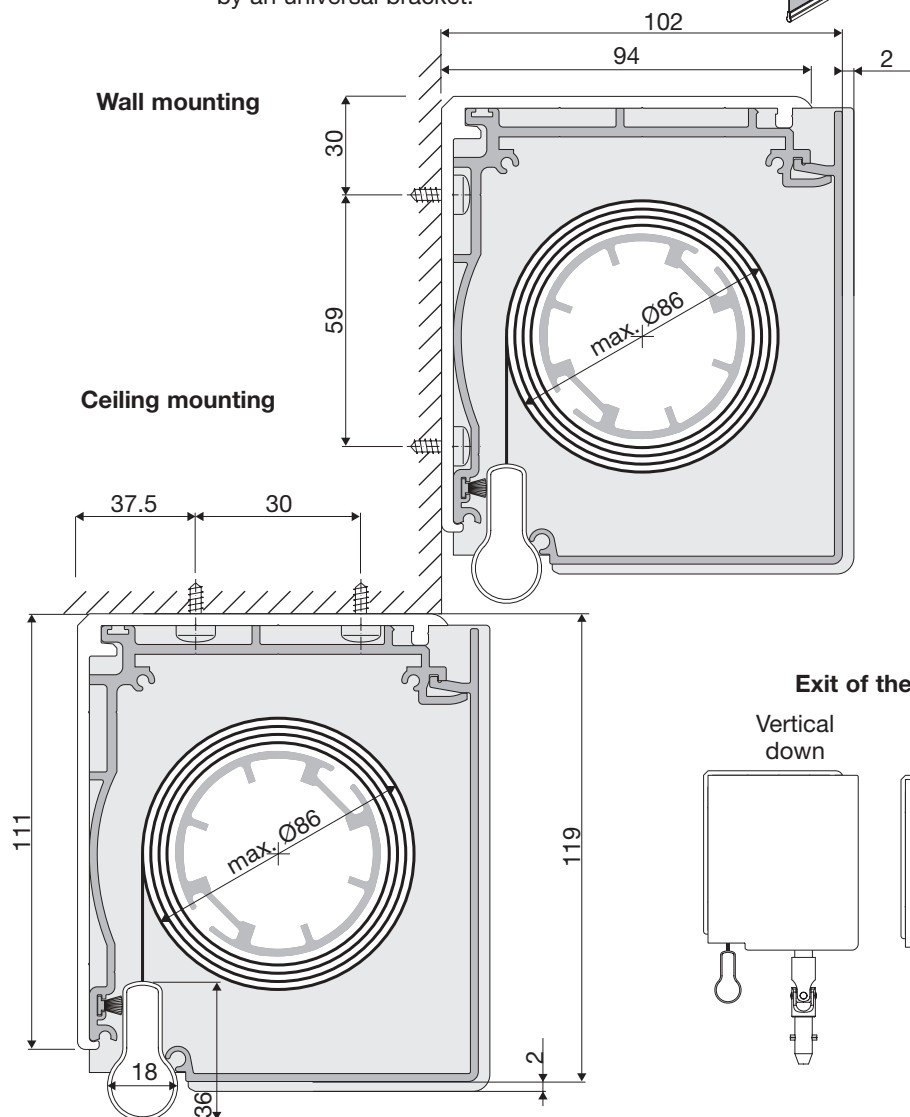
Type RL13



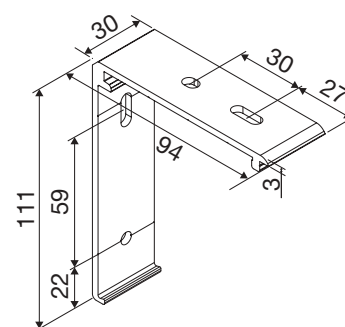
Type RL63



Type RL73

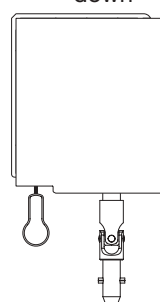


Universal bracket

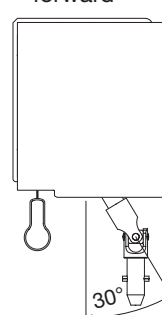


Exit of the crank

Vertical
down

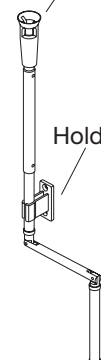


30°
forward



Crank

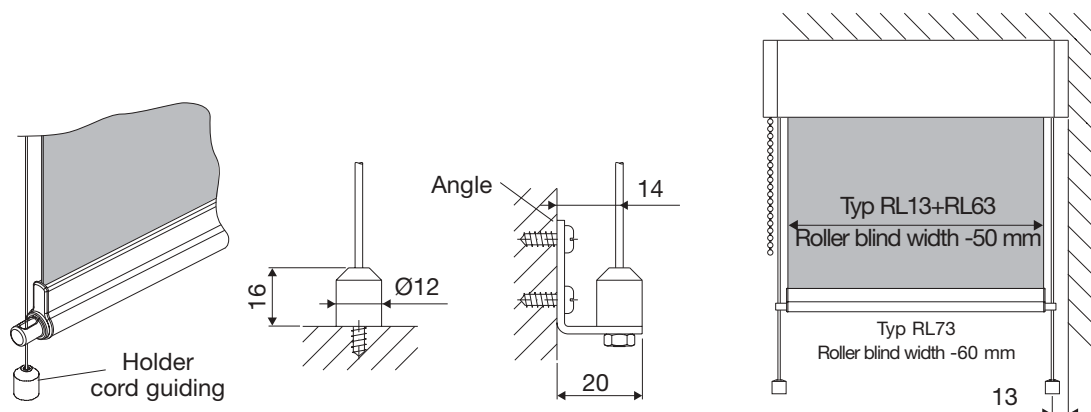
Holder



The hanging of the roller blind is guided between two cords running parallel to the wing of the window (angle of inclination max. 15°). The cord ends are mounted with the holder directly underneath the window or via an angle. An eyelet at the closing profile of the hanging encloses the cord and ensures the guiding.

Material (cord): Steel, plastic-coated, clear or white (Ø2.0 mm).

Accessories: Angle for cord fixing.



Profile guiding option for type RL13 / RL63 / RL73

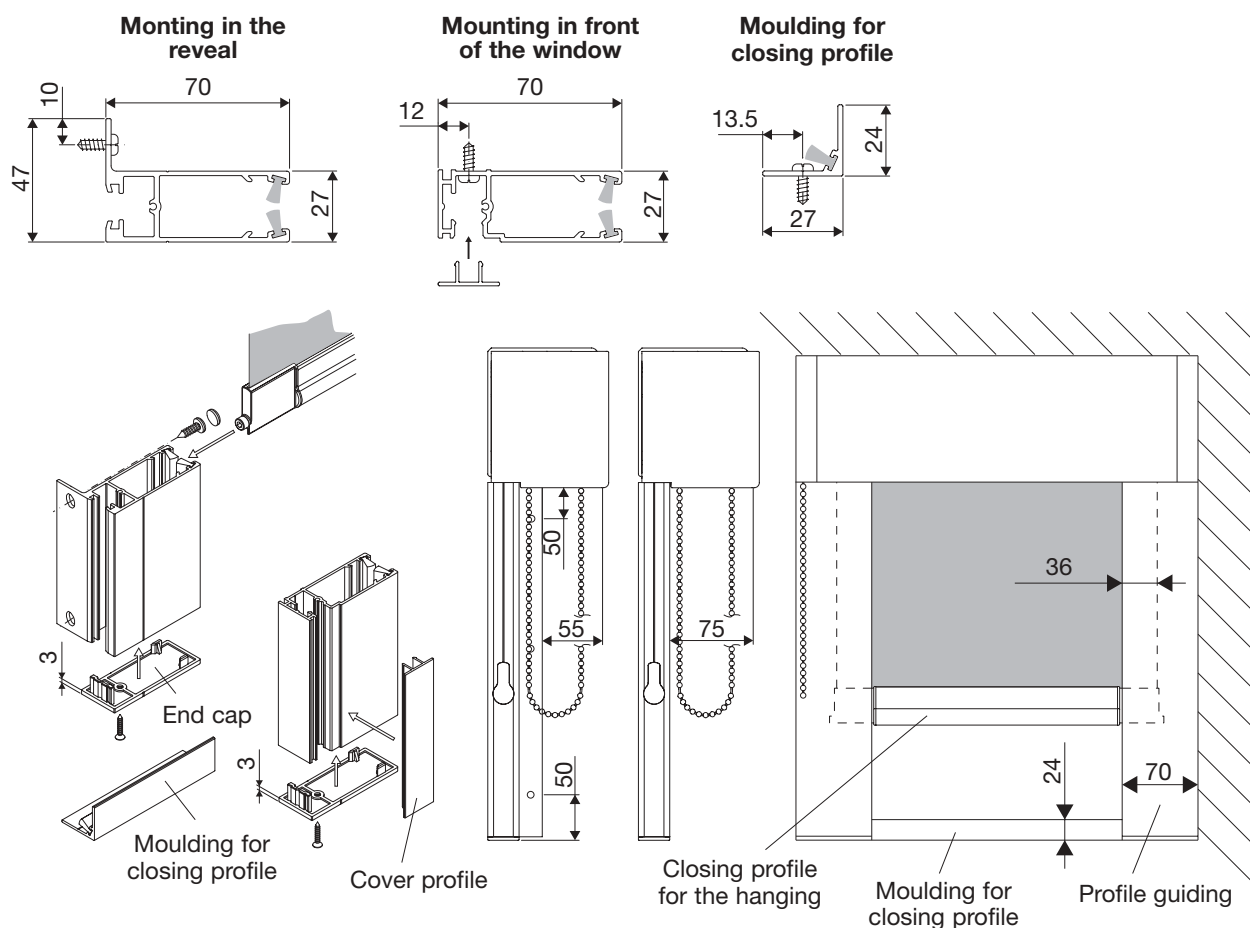
Profile guiding

The end pieces of the closing profile of the hanging are led in the profile guidance. The fabric of the hanging extends on both sides 36 mm into the profile guiding. Angle of inclination max. 15°.

Profile colour: Matches the cassette colour. Dimensions: Cross section = 70 x 27 (47) mm / Length = max. 4.00 m.

Accessories: Tight brushes for moulding for the closing profile and closing profile of the hanging.

Note: The roller blind and the profile guiding must be mounted parallel and perpendicular.



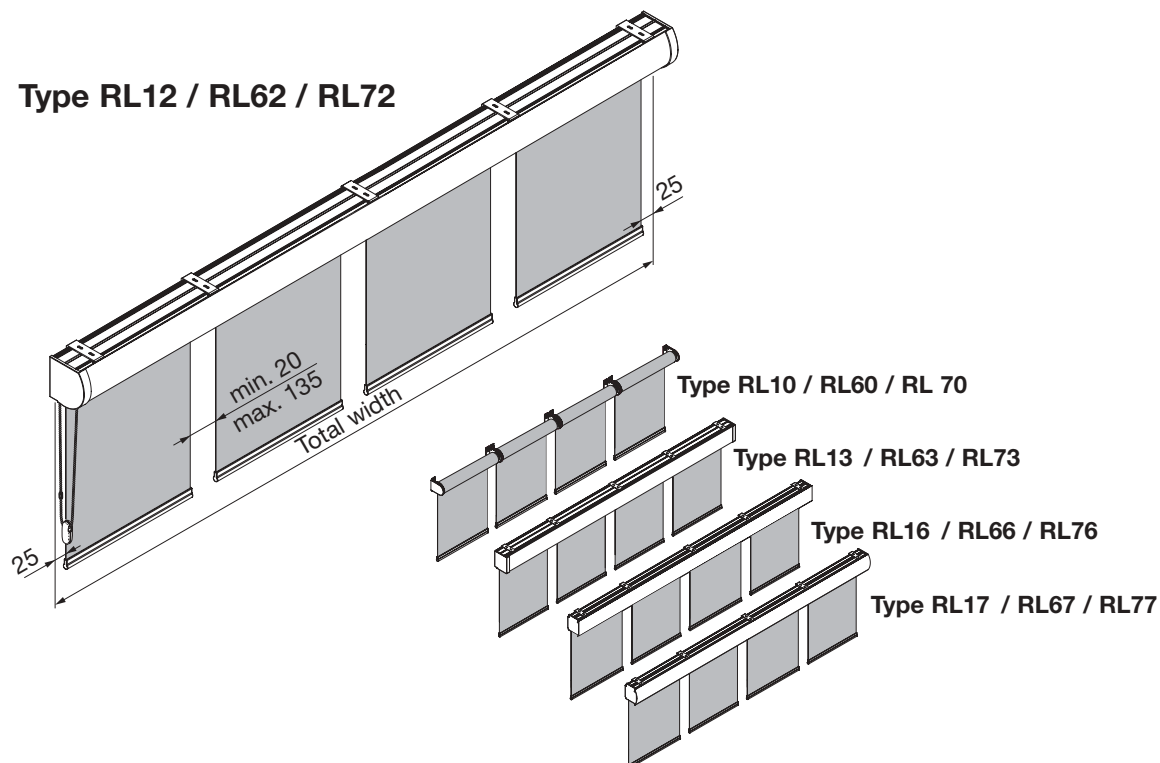
Coupling for RL10 / RL12 / RL13 / RL16 / RL17

Several roller blinds with only one operation

Chain-, crank- or motor operation will be couplet.

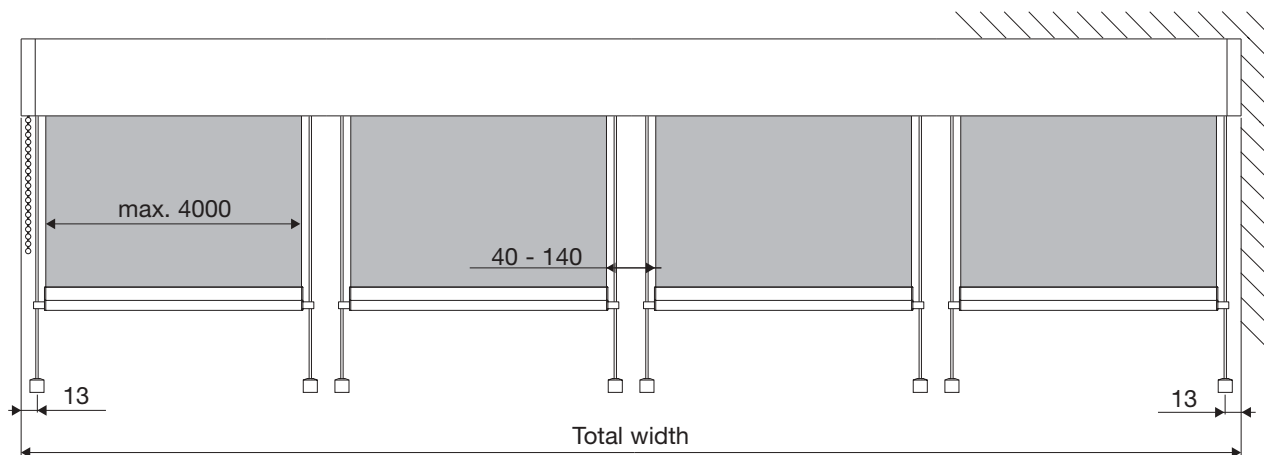
Total width: max. 6.0 m
 Total height: max. 4.0 m
 Total area: max. 16 m²
 Hanging weight: depending on the operation variant and the diameter of the shaft 8.0 Kg - 20.0 Kg

Type RL12 / RL62 / RL72



Option cord guiding for Type RL10 / RL12 / RL13 / RL16 / RL17

Total width: max. 6.0 m
 Total height: max. 4.0 m
 Total area: max. 16 m²
 Hanging weight: depending on the operation variant and the diameter of the shaft 8.0 Kg - 20.0 Kg

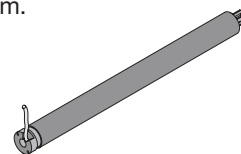


Further information available on request

Technical data

Roller blind drive motor for tubular shaft steel Ø42 mm and tubular shaft aluminium Ø52-62 mm.
The roller blind motor is inserted either on the right or left into the tubular shaft.

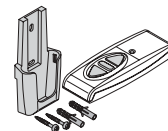
- **Protection class:** II • **Protection class index:** IP 44 • **Rated torque:** 3 Nm,
- **Rated speed:** 30 U/min • **Rated voltage:** 230 V (207 - 244 V) • **Frequency:** 50 Hz
- **Motor power:** 80 W • **Rated current:** 0.4 A • **Weight:** 0.95 Kg • **Tube diameter:** 38 mm
- **Length:** 458 mm • **Connection:** 2.5 m cable • **Connecting cable:** 3 x 0.75 mm²
- **Control mode according to VDE 0530:** Intermittent duty tr = 4 • **Product standard:** VDE 0700 Part 238
- **Conformity:** CE according to EN 50081-12 and EN 50082-1 • **Max. hanging weight:** Ø62 = 8 kg / Ø52 = 10 kg (max. width 3.50 m) / Ø42 = 7 kg (max. width 2.00 m).



Radio-hand transmitter

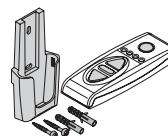
Telis 1 RTS – 1-channel radio-hand transmitter

- **Dimensions:** 120 x 45 x 17 mm (l x b x h) • **Functions:** up/stop/down • **Transmit channel:** 1 firm channel
- **Range:** 20 m (free field 200 m) • **Frequency:** 433.42 MHz • **Voltage supply:** 3 V-Battery Type CR 2430
- **Operating temperature:** 5-40 °C • **Colour:** white or silk • inclusive face fix bracket.



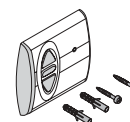
Telis 4 RTS – 4-channel radio-hand transmitter

- **Dimensions:** 120 x 45 x 17 mm (l x b x h) • **Functions:** up/stop/down • **Transmit channel:** 4 firm channels
- **Range:** 20 m (free field 200 m) • **Frequency:** 433.42 Mhz • **Voltage supply:** 3 V-Battery Type CR 2430
- **Operating temperature:** 5-40 °C • **Colour:** white or silk • inclusive face fix bracket.



Chronis RTS – Radio-program time control

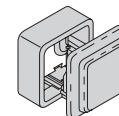
- **Dimensions:** 80 x 80 x 17 mm (l x h x b) • **Functions:** up/stop/down • **Transmit channel:** 1 firm channel
- **Range:** 20 m (free field 200 m) • **Frequency:** 433.42 MHz • **Voltage supply:** 3 V-Battery Type CR 2430
- **Operating temperature:** 5-40 °C • **Index of protection:** IP40 • **Colour:** cream white-grey



Module DC RTS – Radio receiver

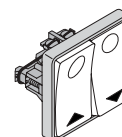
Control with integrated radio receiver.

- **Dimensions:** 80 x 80 x 45 mm (l x h x b) • **Rated voltage:** 220 - 240 V • **Connection:** via screw-type terminals
- **Protection class:** II • **Operating temperature:** 5-40 °C • **Colour:** cream white

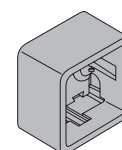


Switch

Up/down switch with stop



Surface cap for switch



Mounting variants

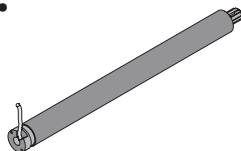
The following diagrams show the complete operation variants with all the modules necessary for powered operation.

When ordering it is only necessary to specify the operation variant (as illustrated).

Further modules for electric controls from the whole range are also available for roller blinds on inquiry.

Mounting variants A

Drive motor 230 V (207-244 V) • Frequency: 50 Hz •
Output voltage: 80 W • Rated current: 0.4 A



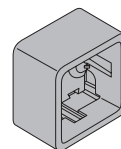
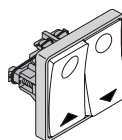
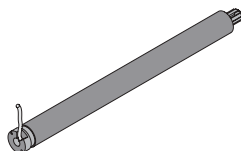
Mounting variants B

Drive motor 230 V (207-244 V) • Frequency: 50 Hz
• Output voltage: 80 W • Rated current: 0.4 A

Open/close switch with stop

Surface cap for switch

• Dimensions: 80 x 80 x 45 mm (l x h x b)



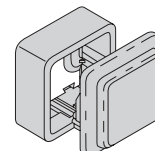
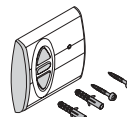
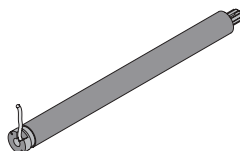
Mounting variants C

Drive motor 230 V (207-244 V) • Frequency: 50 Hz
• Output voltage: 80 W • Rated current: 0.4 A

Chronis RTS – Radio-program time ontrol

• Functions: Up/stop/down • Transmit channel: 1 firm channel

Module DC RTS – Radio receiver



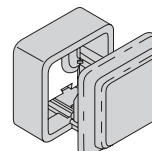
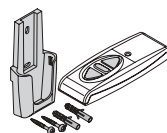
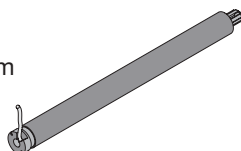
Mounting variants D

Drive motor 230 V (207-244 V) • Frequency: 50 Hz
• Output voltage: 80 W • Rated current: 0.4 A

Telis 1 RTS – 1-channel radio-hand transmitter

• Functions: Up/stop/down • Transmit channel: 1 firm channel

Module DC RTS – Radio receiver



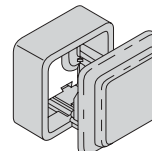
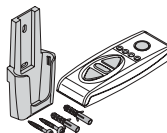
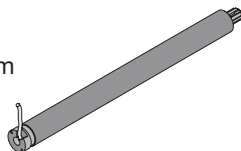
Mounting variants E

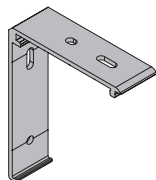
Drive motor 230 V (207-244 V) • Frequency: 50 Hz
• Output voltage: 80 W • Rated current: 0.4 A

Telis 4 RTS – 4-channel radio-hand transmitter

• Functions: Up/stop/down • Transmit channel: 4 firm channels

Module DC RTS – Radio receiver

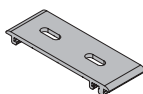




Face fix bracket Cassette

Standard fixing bracket to mount all basic cassette profiles.

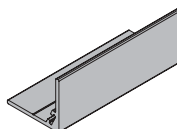
Colour: white, grey, black, beige or anodised



Face fix bracket cover

Standard fixing bracket to mount all basic cover profiles.

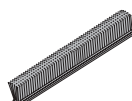
Colour: white, grey, black, beige or anodised



Moulding for closing profile

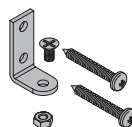
Closing for profile guiding at the bottom.

Colour: white, grey, black, beige or anodised



Tight brushes

Brushes insert (pile length 9 mm) for closing profile for the hanging, cassette profile and moulding for closing profile.



Angle for cord fixing

For mounting the cord fixing on the wall.

Colour: white or galvanised.

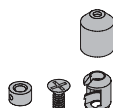


Cover for mounting screws

For covering the head of the screws.

For wall fixing of the cord guiding.

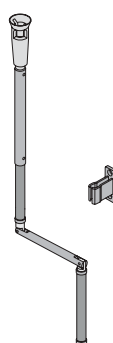
Colour: white, grey or black



Fixing for cord guiding

For cord fixing of the cord guiding.

Colour: white, grey, black or beige



Crank operation, complete

Crank rod length: 1.50 m, 2.00 m or 2.50 m

Colour: white or grey

Holder for crank operation

Colour: white, grey



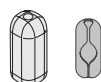
Operation chain

Plastic: diameter 4.5 x 6.0 mm

Colour: white, grey, black or beige

Metal: diameter 4.5 x 6.0 mm

Nickel-plated design or stainless steel



Chain connector

Plastic: for ball chain diameter 4.5 x 6.0 mm

Colour: white, grey, black or beige

Metal: for ball chain diameter 4.5 x 6.0 mm

Nickel-plated design or stainless steel



Chain stopper

For ball chain diameter 4.5 x 6.0 mm

Colour: clear



Hanging weight for ball chain

Plastic, colour: white, grey, black or beige

