

Simply Pleat

5
Years Warranty

2021

Technical Specifications

Pleat



Blinds
by Peter Meyer

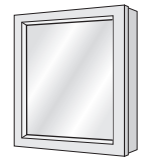
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i General information to all model types and versions

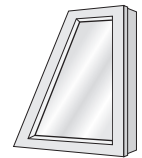
1 Pre-tensioned and freehanging blinds for vertical, rectangular windows

VS 1, VS 2, VS 3, VS 3 SD, VS 2 Slide, VS 2 KL,
F 1, F 2, F 3, F Touch, F 4, FE A, FE



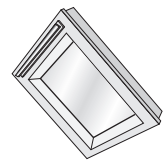
2 Pre-tensioned and freehanging blinds for vertical, special shaped windows

VS 4 Slope, VS 4 Slope S, VS 5, VS 5 SD, VS 6, VS 6 SD, VS 7, VS 8, VS 9 D, VS 10 D,
F Slope 1, F Slope 2, FD Slope 3, FD Slope 4, F 7, F 8



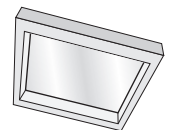
3 Roof blinds DFC blinds with side channels DF blinds with tension wires

DF Comfort 10, DF Comfort 20, DF Comfort 30, DF 10, DF 20, DF 30



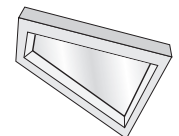
4 Roof blinds for rectangular windows

PL 11, PLK 13, PLE 12



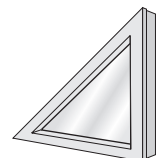
5 Roof blinds for special shaped windows

PL 30, PL 31, PL 32 D, PL 33 D, PLK 30, PLK 31, PLK 32, PLK 33,
PLE 30, PLE 31, PLE 32, PLE 33, PL 40 Slope, PL 41, PL 42



6 Pre-tensioned blinds for triangular and arched windows, fixed and movable

SD 2, SD 3, SR 1, SR 2, SDP 2, SDP 3, SR 1 S



7 Measurements

8 Accessories for motorised blinds power supplies - controls - switches

9 Single components for fitting and operating







10 Material properties of the fabrics fabric overview

Colours of rails and plastic components

Blinds by Peter Meyer pleated blinds are available in 4 standard rail colours: white, silver, black-brown and brass. For many model types two additional colours are available: anthracite and brushed aluminium. The available colours for each model type can be found on the corresponding pages in this technical brochure.

Further RAL-colours are available on request. Please ask for prices and lead time.

Rails and plastic components are delivered in the following colour combinations:

	Rail colour	Plastic colour
	white (powder-coated)	white
	silver (anodised)	grey
	black-brown (powder-coated)	black
	brass (anodised)	black
	anthracite (powder-coated)	black
	brushed aluminium (brushed and anodised)	black

VS 2 Slide Comfort only

	Rail colour	Plastic colour		Rail colour	Plastic colour
	cream white (powder-coated)	white		anthracite (powder-coated)	black

Operating options

Operation of pre-tensioned pleated blinds

There are 3 different operating handles and a handle bar to choose from. Some of the operating options depend on the selected model type.



Operating handle

- Orders without any remarks are delivered by default with this operating handle.
- Operation with the operating rod is not possible.



Operating handle for operating rod

- Orders for blinds with operating rod are delivered by default with this operating handle.
- When **ordering** an operating rod **afterwards**, the corresponding number of operating handles for operating rods must be ordered, too.



Design handle

- Visual upgrade by use of a powder-coated design handle made of high quality metal alloy.
- Retrofitting is not possible for the following model types: VS 3, 4 S, 5, 5 SD, 6, 6 SD.
- Operation with the operating rod is not possible.



Handle bar VS 2 Slide

- Orders for VS 2 Slide blinds are generally delivered with the handle bar.
- Due to the handle bar there are no protruding operating elements.
- Operation with the operating rod is not possible.



Handle bar VS 2 Slide Comfort

- Orders for VS 2 Slide Comfort blinds are generally delivered with the handle bar.
- Due to the handle bar there are no protruding operating elements.
- Operation with the operating rod is possible.

Operation of freehanging pleated blinds

There are 4 different operating options for freehanging pleated blinds to choose from. These model types generally have a fixed head rail and a freely movable hanging with bottom rail.



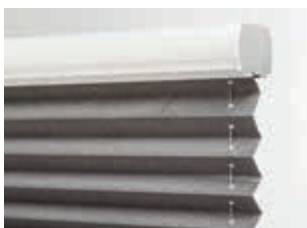
Cord lock

- Through the operation of the cord the hanging of the pleated blind is moved to the desired position.
- The cord lock ensures the latching.



Chain

- Through the operation of the chain the hanging of the pleated blind is moved to the desired position.



F Touch

- Through the operation of the bottom rail the hanging of the pleated blind is moved to the desired position.
- Not possible in combination with guide wires.



Motorised blinds

- The hanging of the pleated blind is moved to the desired position through an integrated electric motor.
- It is operated by remote control / switch.

Operating options

Operation of pleated roof blinds

Roof blinds are mostly installed in roof sections of conservatories or under glass roofs. Here also, there are several operating options to choose from. Tension wires that run inside the pleated roof blind, guide the blind parallel to the window.



Operating handle for operating rod

- Orders for PL blinds are delivered by default with this operating handle.



Operating handle

- Alternatively, this operating handle can be ordered for blinds within reach.
- Operation with the operating rod is not possible.



Crank

- The blind is operated by using a crank.



Motorised blinds

- The hanging of the pleated blind is moved to the desired position through an integrated electric motor.
- It is operated by remote control / switch.

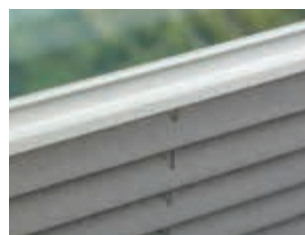
Operation of pleated roof window blinds

There are special model types and operating options available for roof window blinds.



Operating handle (for DF 10, DF 20, DF 30)

- Orders for DF blinds are delivered by default with this operating handle.
- Operation with the operating rod is not possible.



Handle bar DF Comfort (for DFC 10, DFC 20, DFC 30)

- Orders for DFC blinds are generally delivered with the handle bar.



Operating handle for operating rod (for DF 10, DF 20, DF 30)

- Orders for blinds with operating rod are delivered by default with this operating handle.
- When **ordering** an operating rod **afterwards**, the corresponding number of operating handles for operating rods must be ordered, too.



Design handle (for DF 10, DF 20, DF 30)

- Visual upgrade by use of a powder-coated design handle made of high quality metal alloy.
- Retrofitting is not possible.
- Operation with the operating rod is not possible.

Operating Aids

Operating rod or crank



Operating rod without joint

- in combination with operating handle for operating rod (DF, PL)



Operating rod with joint

- in combination with operating handle for operating rod (VS, DF)



Operating rod DF Comfort

- for DFC and VS 2 Slide Comfort blinds with handle bar



Crank

- for crank operated blinds

Fitting options

Fitting options for pleated blinds

There are several ways to fit **Blinds by Peter Meyer** pleated blinds. Depending on structural conditions, desires, needs and requirements, the appropriate fixing method is chosen. The made to measure pleated blind can be fitted to almost any window or door.



Tension shoe

- for fitting in the window reveal or face fixing



Clip

- for fitting in the window reveal or ceiling or for face fixing



Reveal bracket

- for fitting on the glazing bead



Bracket

- for fitting on the casement



Clamp bracket

- for screwless fitting on the window frame / face fit



Adhesive rail VS 2 Slide

- for screwless fitting on the glass
- with side channels and guided handle bar



Adhesive rail VS 2 KL

- for screwless fitting on the glass
- the blind moves inside the window beading

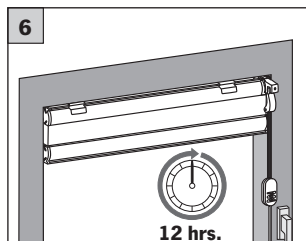
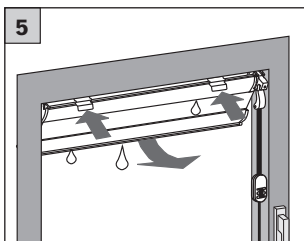
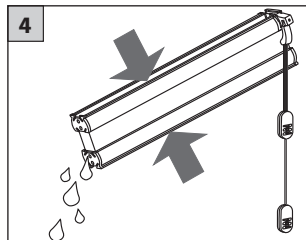
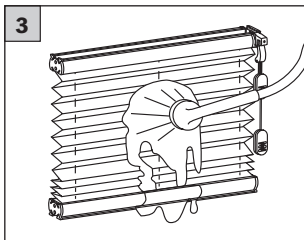
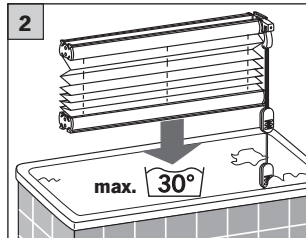
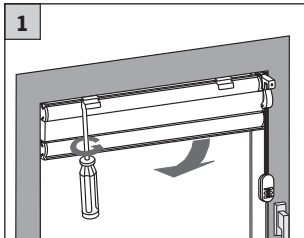


Adhesive rail VS 2 Slide Comfort

- for screwless fitting on the glass

Care instructions and product information

Care instructions



Blinds by Peter Meyer

pleated fabrics are easy to clean.

- Simply wash by hand using a mild detergent solution at approx. 30°C. (For pre-tensioned types, tension shoes must not be removed from the cords!)
- Then rinse the fabric thoroughly, push the fabric stack together and squeeze the water out. The blind must not longer be dripping wet.
- Hang up damp and leave closed to dry. During the drying process, open and close the blind several times to prevent the pleats sticking together. Do not iron.

Make sure the mechanical parts of motorised and crank operated blinds do not come in contact with the detergent solution or water.

NOTE: all metallised fabrics as well as coated blackout materials and B1 qualities are NOT to be cleaned this way. Simply wipe these down gently with a cloth. Do not rub!

More detailed instructions about cleaning specifications can be found under fabric properties in the technical brochure. Contact your local dealer for further information.

We advise against chemical or ultrasonic cleaning and do not accept warranty claims in this case.

Product information

Operation

For a long-lasting pleating it is necessary to operate the pleated blind regularly and to keep it closed in the stack for longer periods.

Especially when the pleated blind is exposed to high temperatures (e.g. south facing windows, roof windows, conservatories, etc.), above practice is important to repeatedly support the pleats.

Notes on casements and glass

- When cleaning casements and glass, do not use any caustic or alkaline cleaning agents which could come into direct or indirect contact (condensation) with the blind.
- Condensation can form if there is too little ventilation or air flow (please follow the instructions in the respective fitting instructions for details on distance to the glass).
- We do not accept liability for fabric damage caused by water stains or insects.

Areas of application

Blinds by Peter Meyer pleated blinds are **ONLY** suitable for use in heated indoor areas. Blinds by Peter Meyer pleated blinds have **NOT** been designed for outdoor use (e.g. in open or partly glazed roof coverings), for swimming pool enclosures or greenhouses and under twin-wall sheets or plastic windows.

Motorised blinds

Motorised blinds are not suitable for installation in humid areas and damp locations

Important notes on Child Safety

Guidelines for child-safe fitting of cord and chain operated pleated blinds



- Young children can be strangled by loops in cords, chains and tapes that operate the blind. There is a risk that cords may become wrapped around a child's neck.
- To avoid strangulation and entanglement, keep cords out of the reach of young children.
- Move beds, cots and any furniture away from window covering cords and chains.
- Do not tie cords or chains together. Make sure cords or chains do not twist and create a loop.
- To reduce the risk of such accidents, please install and use supplied safety devices according to the fitting instructions.

Complies with EN 13120

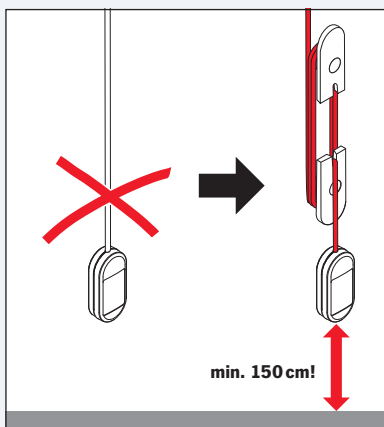
Child safety is a top priority during the selection and installation of sun protection products. When selling and installing, certain points must be considered to ensure a standardised and therefore child-safe fitting. For queries, please contact the respective specialist. They will gladly explain about the possible risks and ensure professional measuring and installation.

The installation height of our products must be indicated on each order. If the installation height is not specified, the child safety of our products cannot be guaranteed.

For child-safe installation, the top rail (cord / chain exit) must be mounted at least 150 cm from the floor.

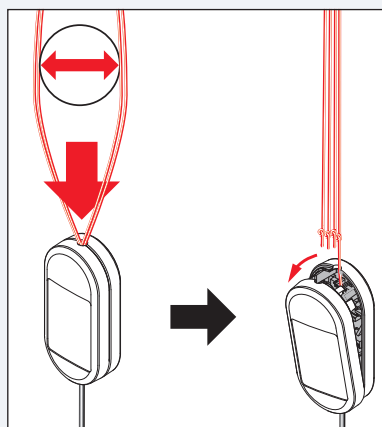
Please keep the safety information and fitting instructions that you received with the delivery of your blind.

Model types F 1, F 2, F 3, F 7, F 8, F Slope 1, F Slope 2, FD Slope 3, FD Slope 4:



In case of cord operated blinds, cord winders must always be fitted and used.

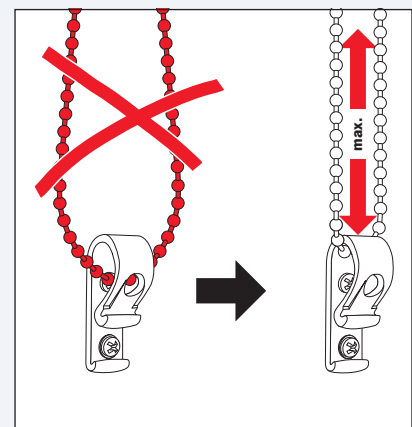
This cord winder must be securely fixed to an adjacent surface and the lowest point of the cord tassel must be at least 150 cm from the floor.



All cord operated blinds are supplied with a safety cord tassel. This opens up as soon as the cords are pulled apart 60 mm and at the same time pressure of 6 kg apply.

Afterwards the assembly can be done by oneself according to the assembling instructions provided with the product.

Model type F 4:



In case of chain operated blinds, chain holders must always be fitted.

This chain holder must be securely fixed to an adjacent surface and at the maximum distance from the top of the blind so the chain is held permanently taut by the device.

Light technical values

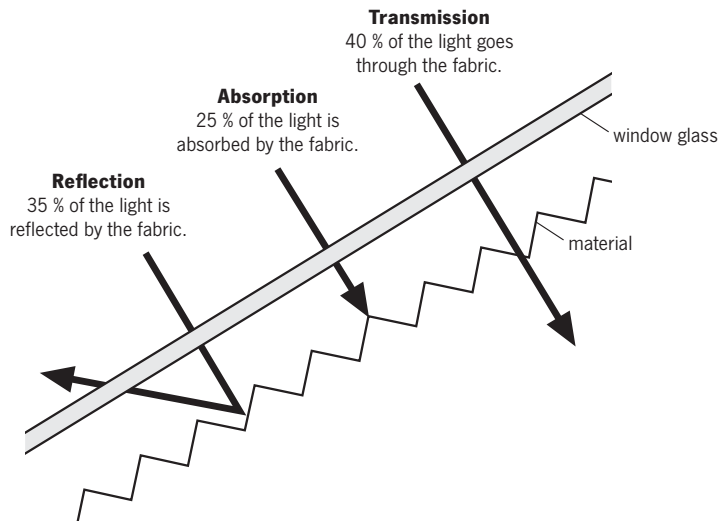
The properties of pleated blinds in conjunction with light are dependant on several factors, e. g. weave, coating, type of yarn, colour, etc. These influence the optical and thermo-technical effect and are the reason that each fabric has different light technical values.

The light technical values are reflection, absorption and transmission. The three values add up to 100 %. (Effects caused by ventilation, glass, installation method and distance, etc. are not taken into account.)

The chapter material properties of all fabrics displays all values for reflection, absorption and transmission for each fabric.

Explanation of terms

Example: design no. 10214

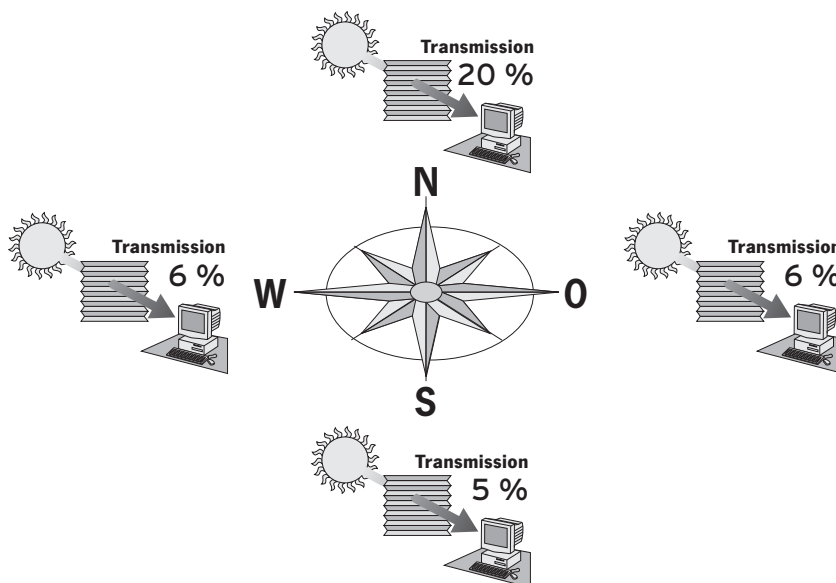


Reflexion: The reflection value indicates the irradiating sun light, which is reflected directly or diffusely. The more radiation is reflected, the less can enter the room and heat it up.

Transmission: The transmission value is the amount of light that comes through the fabric. The higher the transmittance value, the brighter the room.

Absorption: The absorption value refers to the part of the light energy absorbed by the fabric, which means it is not transmitted. The absorbed light energy is usually converted into heat.

Computer workstation suitability

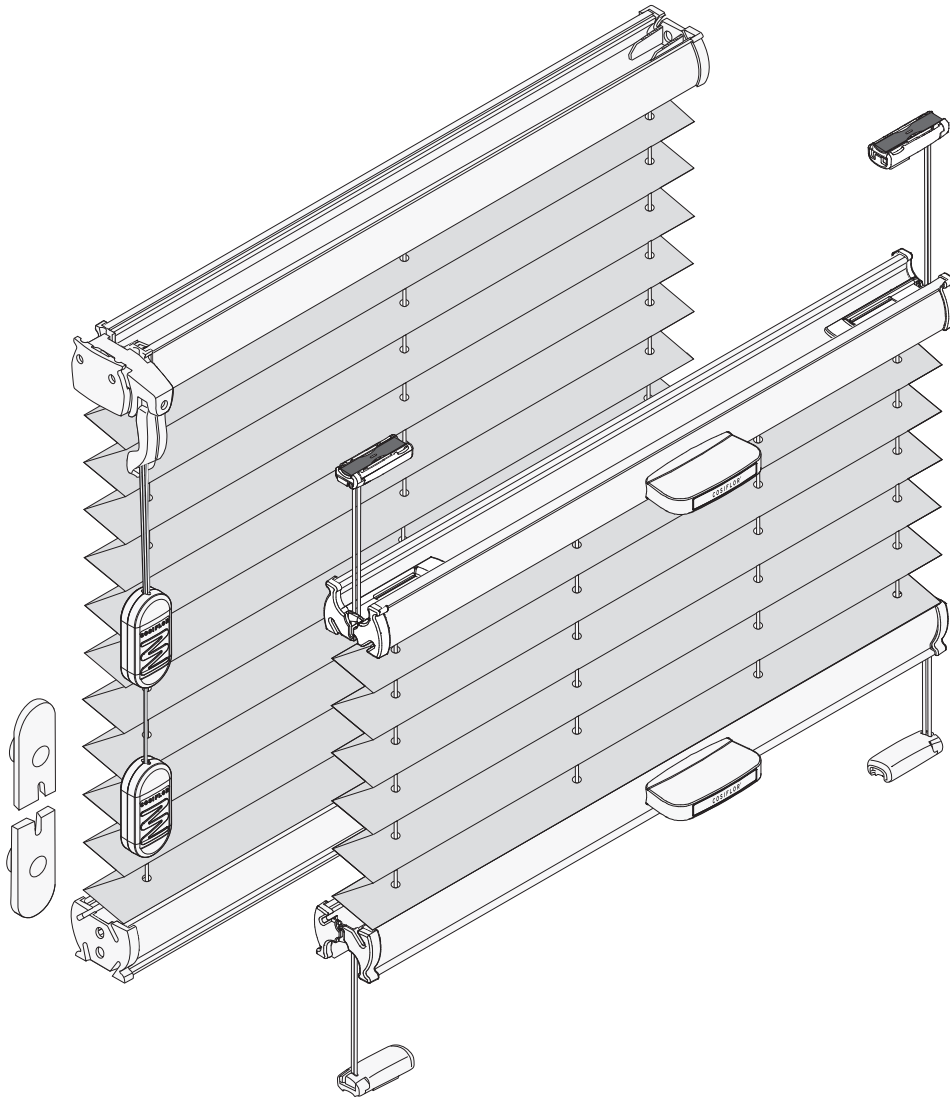


The shading of computer workstations places high demands on the glare protection but should also convince in design and function. **Blinds by Peter Meyer** pleated blinds are ideally suited for this. They offer a variety of operating possibilities, can be adapted to many window shapes and offer a long-term and high-quality solution for internal sun shading. Disturbing glare from sunlight can be avoided or minimised.

The intensity of the sun is different from every direction. With internal sun protection the incoming sunlight can be reduced. The maximum light transmittance value (= transmission) according to EU directives, is specified for each direction as a percentage.

In the chapter material properties all fabrics according to their suitability for the respective direction are marked with a dot. For detailed information, please refer to chapter 10.

1 Pre-tensioned and freehanging blinds for vertical, rectangular windows (tilt and turn windows / balcony doors)



1 vertical blinds rectangular

2 vertical blinds special shapes

3 roof blinds DFC and DF

4 roof blinds special shapes

5 roof blinds special shapes

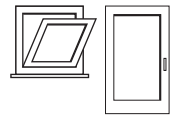
6 triangular and arched blinds

7 measurements

8 accessories motorised

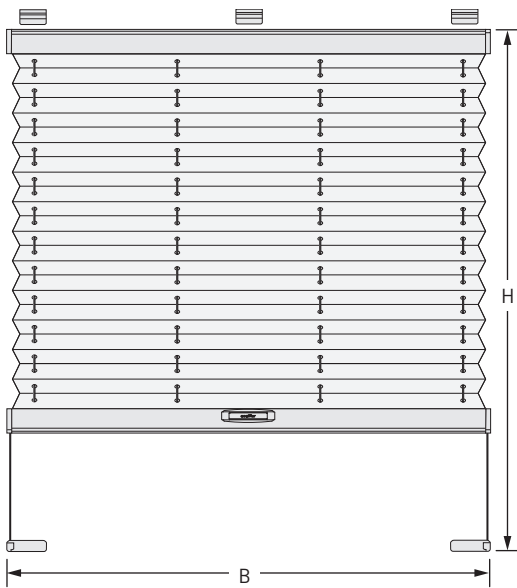
9 accessories

10 material properties



1 Pre-tensioned blinds

VS 1



Size ranges pleated

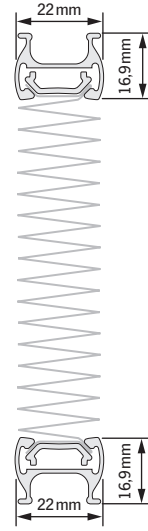
width (B)	min.	12 cm
	max.	150 cm
height (H)	min.	20 cm
	max.	150 cm
up to 120 cm width	max.	220 cm

Package heights

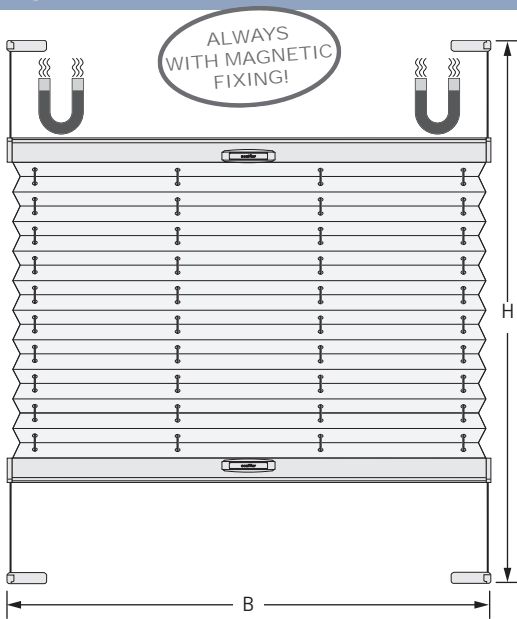
blind height	package height
50 cm	ca. 5 cm
100 cm	ca. 6 cm
150 cm	ca. 7 cm
200 cm	ca. 8 cm
220 cm	ca. 9 cm

Rail colours

white	black-brown
silver	anthracite
brass	brushed aluminium



VS 2



Size ranges pleated

width (B)	min.	23 cm
	max.	150 cm
height (H)	min.	20 cm
	max.	150 cm
up to 120 cm width	max.	220 cm

Package heights

blind height	package height
50 cm	ca. 5 cm
100 cm	ca. 6 cm
150 cm	ca. 7 cm
200 cm	ca. 8 cm
220 cm	ca. 9 cm

Rail colours

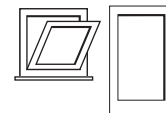
white	black-brown
silver	anthracite
brass	brushed aluminium



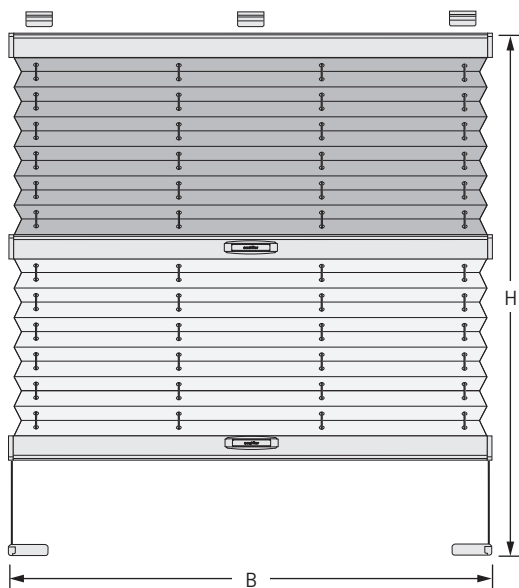
Notes

- with magnetic fixing at the top

1 Pre-tensioned blinds



VS 3



Size ranges pleated

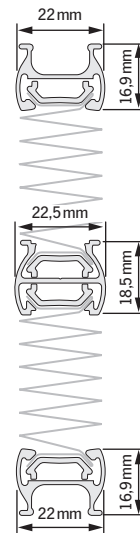
width (B)	min.	12 cm
	max.	150 cm
height (H)	min.	20 cm
	max.	150 cm
up to 120 cm width	max.	220 cm

Package heights

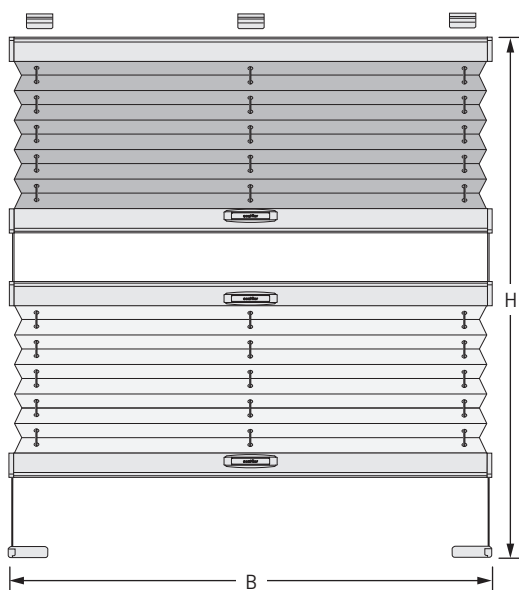
blind height	package height
50 cm	ca. 9 cm
100 cm	ca. 10 cm
150 cm	ca. 11 cm
200 cm	ca. 12 cm
220 cm	ca. 13 cm

Rail colours

white	black-brown
silver	anthracite
brass	brushed aluminium



VS 3 SD



Size ranges pleated

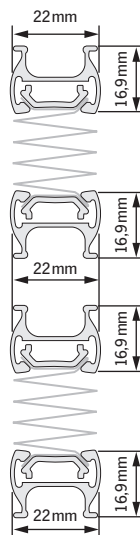
width (B)	min.	12 cm
	max.	100 cm
height (H)	min.	20 cm
	max.	220 cm

Package heights

blind height	package height
50 cm	ca. 9 cm
100 cm	ca. 10 cm
150 cm	ca. 11 cm
200 cm	ca. 12 cm
220 cm	ca. 13 cm

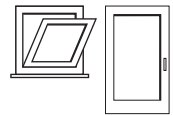
Rail colours

white	black-brown
silver	anthracite
brass	brushed aluminium



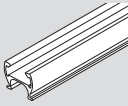
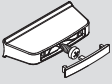
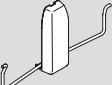



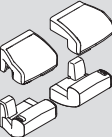







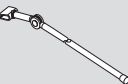


Notes

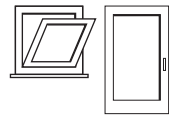
- gap between the middle operating rails possible
- unless otherwise ordered, the blackout fabric is always on top



1 Pre-tensioned blinds

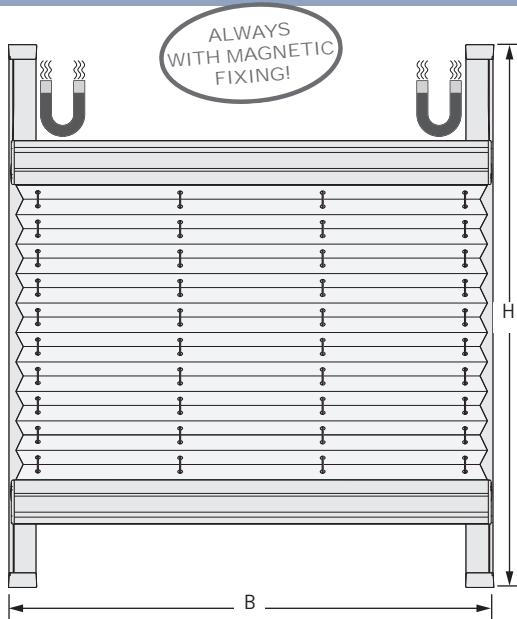
Optional accessories VS 1, VS 2, VS 3, VS 3 SD

	Art. no.	Description
		Rail, brushed aluminium (blinds to 130 cm width blinds over 130 cm width)
	3101 01 3101 02 3101 06	design handle white silvergrey black
	8006 01 8006 03 8006 06	clamp bracket slim for VS 2 white grey black
	2925 01 2925 03 2925 06	distance piece for clamp bracket slim for VS 2 white grey black
	2301 01 2301 03 2301 06	clamp bracket white grey black
	2349 06	sealing pad for clamp bracket 2301 .. black
	8013 01 8013 03 8013 06	reveal brackets VS 2, left and right (1 Set = 4 Pieces) (top: with magnet, bottom: without magnet) white grey black
	2201 01 2201 03 2201 06	bracket, short white grey black
	2299 01 2299 03 2299 06	cover for bracket white grey black
	2202 01 2202 03 2202 06	bracket, long white grey black
	8004 01	mounting plate for narrow window reveals white
	2011 01 2011 03 2011 06	center snap mechanism white grey black
	2099 06	anti twist item for tension shoe black
	3002 01 3002 03 3002 06	operating handle for operating rod white grey black
	3305 03 3306 03 3307 03 3308 03	operating rod with joint (only in combination with operating handle 3002 ..) 125cm 150cm 200cm 250cm
	2924 03	clamp for operating rod / crank grey
		VS 2 without magnetic fixing



1 Pre-tensioned blinds

VS 2 Slide Comfort (with side channels and guided handle bars) screwless fitting



Size ranges pleated

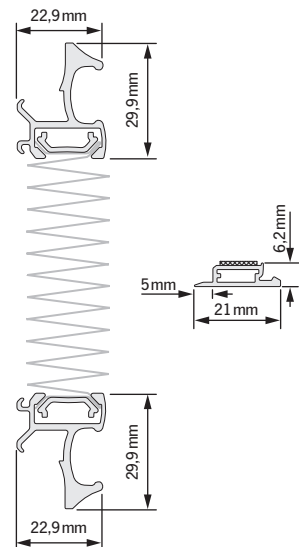
width (B)	min.	23 cm
	max.	180 cm
height (H)	min.	20 cm
	max.	180 cm
up to 150 cm width	max.	220 cm

Package heights

blind height	package height*
50 cm	ca. 7,5 cm
100 cm	ca. 8,5 cm
150 cm	ca. 9,5 cm
200 cm	ca. 10,5 cm
220 cm	ca. 11,5 cm

Rail colours

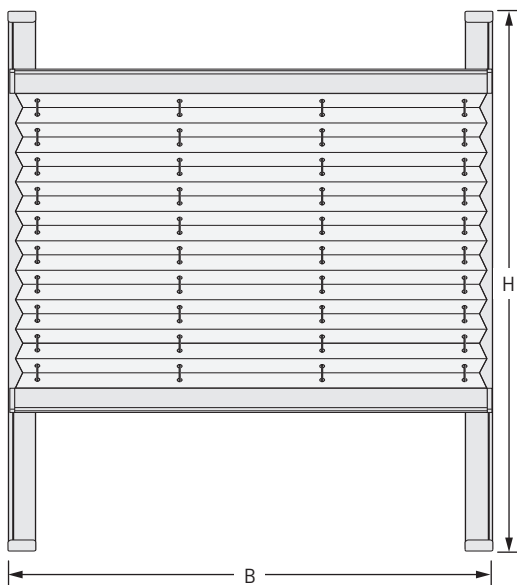
<input type="checkbox"/> white	<input type="checkbox"/> grey
<input type="checkbox"/> cream white	<input type="checkbox"/> anthracite



Hinweise

- fitted with adhesive rails directly on the glass pane
- no drilling or screwing required
- magnetic fixing only on top

VS 2 Slide (with side channels and guided handle bars) screwless fitting



Size ranges pleated

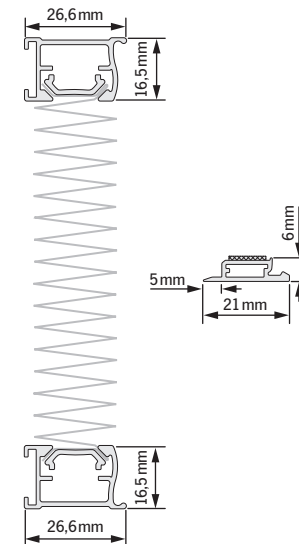
width (B)	min.	23 cm
	max.	150 cm
height (H)	min.	20 cm
	max.	150 cm
up to 120 cm width	max.	220 cm

Package heights

blind height	package height
50 cm	ca. 5 cm
100 cm	ca. 6 cm
150 cm	ca. 7 cm
200 cm	ca. 8 cm
220 cm	ca. 9 cm

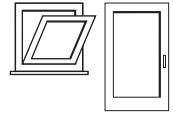
Rail colours

<input type="checkbox"/> white	<input type="checkbox"/> grey
--------------------------------	-------------------------------



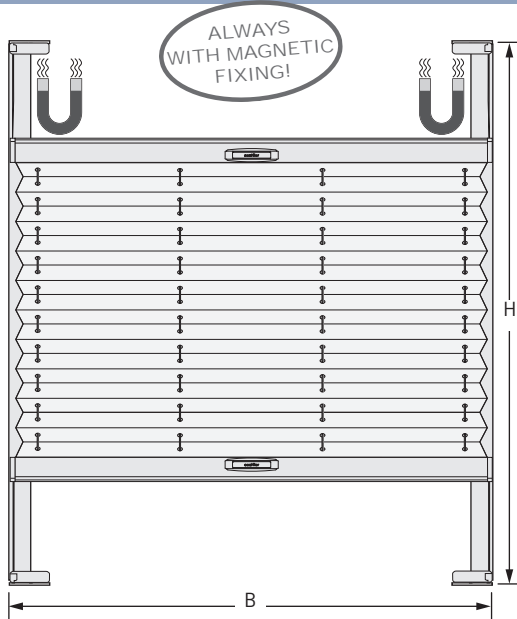
Notes

- fitted with adhesive rails directly on the glass pane
- no drilling or screwing required
- for rectangular window beadings: **max. beading depth 30 mm**



1 Pre-tensioned blinds

VS 2 KL screwless fitting



Notes

- fitted with adhesive rails directly on the glass pane
- no drilling or screwing required
- magnetic fixing only on top

Size ranges pleated

width (B)	min.	23 cm
	max.	150 cm
height (H)	min.	20 cm
	max.	150 cm
up to 120 cm width	max.	220 cm

Package heights

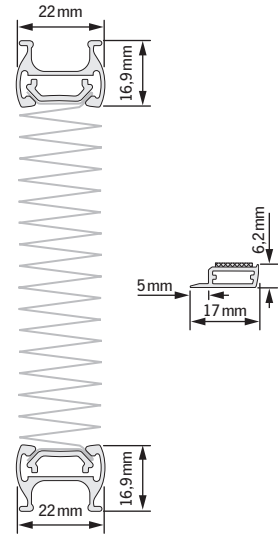
blind height	package height
50 cm	ca. 5 cm
100 cm	ca. 6 cm
150 cm	ca. 7 cm
200 cm	ca. 8 cm
220 cm	ca. 9 cm

Rail colours

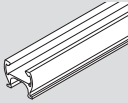
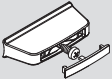

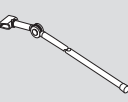
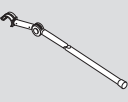


<input type="checkbox"/> white	<input type="checkbox"/> black-brown
<input type="checkbox"/> silver	<input type="checkbox"/> anthracite
<input type="checkbox"/> brass	<input type="checkbox"/> brushed aluminium (surcharge)

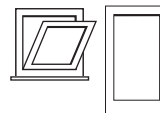
Adhesive rail colours

<input type="checkbox"/> white	<input type="checkbox"/> silver
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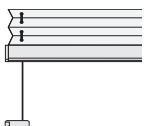
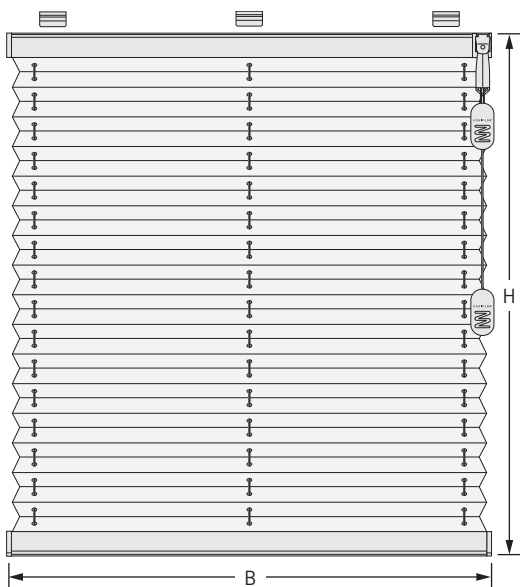
Optional accessories VS 2 Slide Comfort, VS 2 Slide VS 2 KL

Art. no.	Description
	Rail, brushed aluminium (only VS 2 KL) (blinds to 130 cm width blinds over 130 cm width)
	design handle 3101 01 white 3101 02 silvergrey 3101 06 black
	operating handle for operating rod (not for VS 2 Slide and VS 2 Slide Comfort) 3002 01 white 3002 03 grey 3002 06 black
	operating rod with joint (only VS 2 KL) (only in combination with operating handle 3002 ..) 3305 03 125 cm 3306 03 150 cm 3307 03 200 cm 3308 03 250 cm
	operating rod with joint (only VS 2 Slide Comfort) 3325 03 125 cm 3326 03 150 cm 3327 03 200 cm 3328 03 250 cm
	clamp for operating rod / crank 2924 03 grey
	VS 2 without magnetic fixing



1 Freehanging blinds with cord operation

F 1



Notes

- also available with guide wires (surcharge)
- cord operation available on left or right side (please specify)

Size ranges pleated

width (B)	min.	15 cm
	max. ¹	230 cm
height (H)	min.	30 cm
	max.	260 cm

¹ depending on fabric width

Package heights

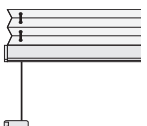
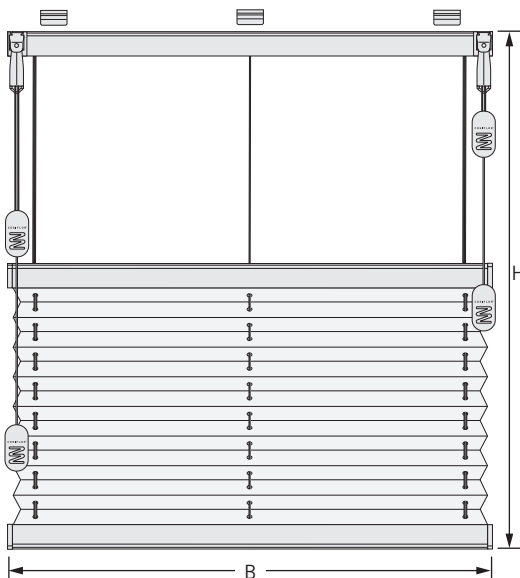
blind height	package height
50 cm	ca. 5 cm
100 cm	ca. 6 cm
150 cm	ca. 7 cm
200 cm	ca. 8 cm
260 cm	ca. 9 cm

Rail colours

- white
- silver
- brass
- black-brown
- anthracite
- brushed aluminium



F 2



Notes

- also available with guide wires (surcharge)
- F 2 blinds always with two cord locks
- operating cords in the view field

Size ranges pleated

width (B)	min.	15 cm
	max. ¹	200 cm
height (H)	min.	30 cm
	max.	260 cm

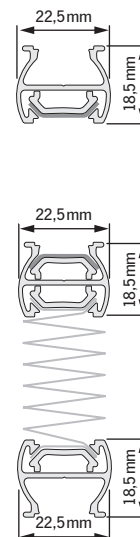
¹ depending on fabric width

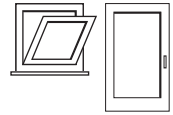
Package heights

blind height	package height
50 cm	ca. 6 cm
100 cm	ca. 7 cm
150 cm	ca. 8 cm
200 cm	ca. 9 cm
260 cm	ca. 10 cm

Rail colours

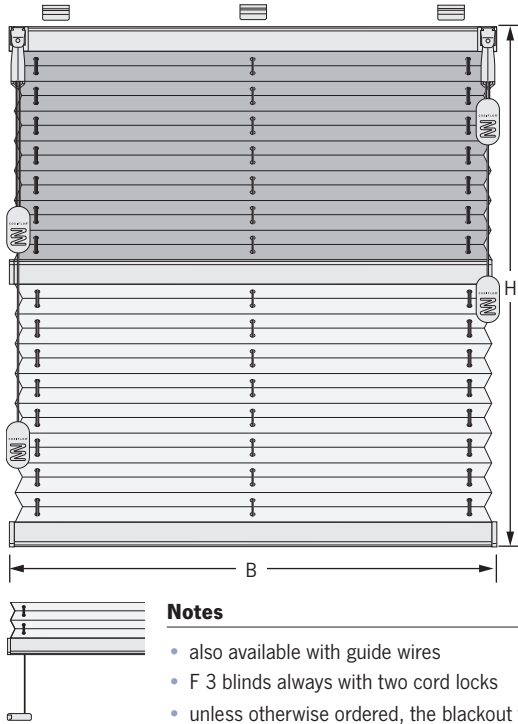
- white
- silver
- brass
- black-brown
- anthracite
- brushed aluminium





1 Freehanging blinds with cord operation

F 3



Notes

- also available with guide wires
- F 3 blinds always with two cord locks
- unless otherwise ordered, the blackout fabric is always on top

Size ranges pleated

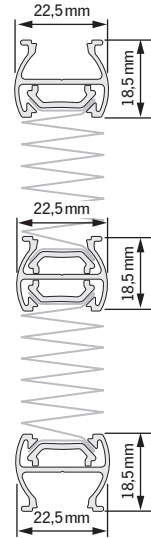
width (B)	min.	15 cm
	max.	150 cm
height (H)	min.	30 cm
	max.	260 cm

Package heights

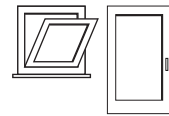
blind height	package height
50 cm	ca. 7 cm
100 cm	ca. 8 cm
150 cm	ca. 9 cm
200 cm	ca. 10 cm
260 cm	ca. 11 cm

Rail colours

	white		black-brown
	silver		anthracite
	brass		brushed aluminium



1 Freehanging blinds with cord operation



1 vertical blinds rectangular

2 vertical blinds special shapes

3 roof blinds DFC and DF

4 roof blinds special shapes

5 roof blinds special shapes

6 triangular and arched blinds

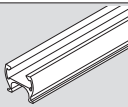








7 measurements

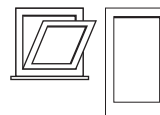
8 accessories motorised

9 accessories

10 material properties

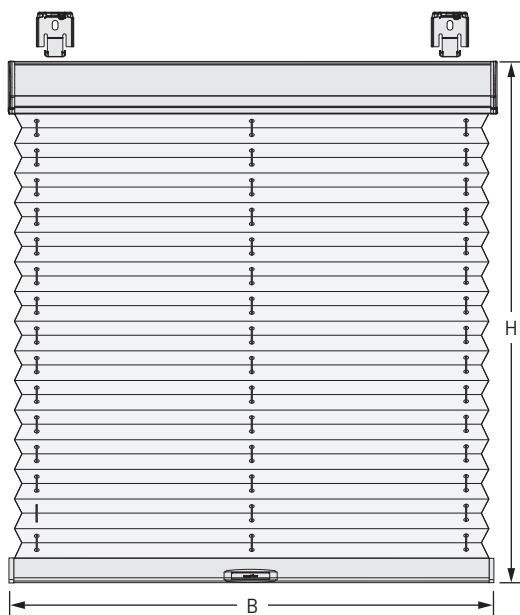
Optional accessories F 1, F 2, F 3

Art. no.	Description
	Rail, brushed aluminium (blinds to 130 cm width blinds over 130 cm width)
 2301 01 2301 03 2301 06	clamp bracket white grey black
 2349 06	sealing pad for clamp bracket 2301 .. black
 2201 01 2201 03 2201 06	bracket, short white grey black
 2299 01 2299 03 2299 06	cover for bracket white grey black
 2202 01 2202 03 2202 06	bracket, long white grey black
 2903 01 2903 03 2903 04	adaptor 11°, adaptable to 44°rank white grey brown
 2904 01 2904 06	adaptor 15° white black
 2905 01 2905 06	adaptor 45° white black



1 Freehanging blinds with operating handle, chain operation, motorised

F Touch with operating handle



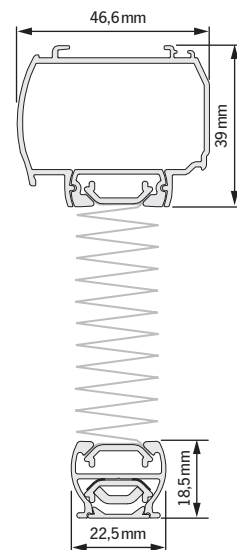
Size ranges pleated

width (B)	min.	45 cm
	max. ¹	230 cm
height (H)	min.	15 cm
	max.	210 cm

¹ depending on fabric width

Package heights

blind height	package height
50 cm	ca. 7 cm
100 cm	ca. 8 cm
150 cm	ca. 9 cm
200 cm	ca. 10 cm



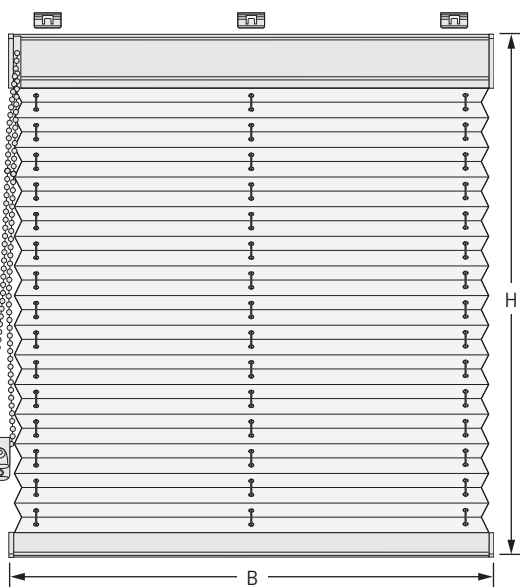
Notes

- not available with guide wires
- also available without handle (please specify)

Rail colours

<input type="checkbox"/> white	<input type="checkbox"/> black-brown
<input type="checkbox"/> silver	<input type="checkbox"/> anthracite

F 4 with chain operation



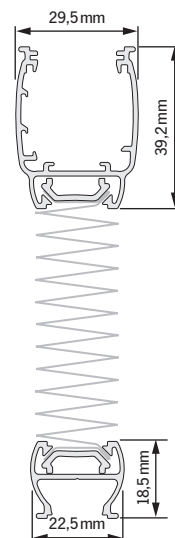
Size ranges pleated

width (B)	min.	40 cm
	max. ¹	230 cm
height (H)	min.	30 cm
	max.	260 cm

¹ depending on fabric width

Package heights

blind height	package height
50 cm	ca. 7 cm
100 cm	ca. 8 cm
150 cm	ca. 9 cm
200 cm	ca. 10 cm
260 cm	ca. 11 cm



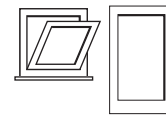
Notes

- also available with guide wires (max. vertical tilting angle: 15°)
- chain operation available on left or right side (please specify)
- no protruding gear at the side

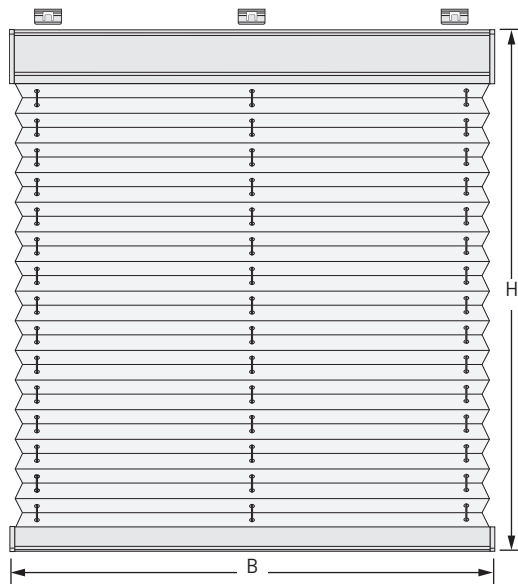
Rail colours

<input type="checkbox"/> white	<input type="checkbox"/> black-brown
<input type="checkbox"/> silver	<input type="checkbox"/> anthracite
<input type="checkbox"/> brass	

1 Freehanging blinds with operating handle, chain operation, motorised



FE A with 7,4 V-motor (accu), FE with 24 V-motor



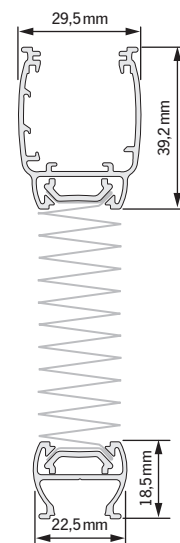
Size ranges pleated

width (B)	FE A: min.	70 cm
	FE: min.	60 cm
	max. ¹	230 cm
height (H)	min.	30 cm
	max.	260 cm

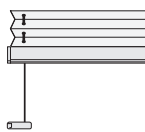
¹ depending on fabric width

Package heights

blind height	package height
50 cm	ca. 7 cm
100 cm	ca. 8 cm
150 cm	ca. 9 cm
200 cm	ca. 10 cm
260 cm	ca. 11 cm



Notes



- also available with guide wires (max. vertical tilting angle: 15°)
- cable / accu outlet available on left or right side (please specify)
- charging socket at FE A in the front of the top rail
- not suitable for installation in humid areas and damp locations

Rail colours

white	black-brown
silver	anthracite
brass	

Motorisation and control

FE A

Motor data

Voltage 7,4V, current 1A, 34 U/min, free programmable end positions, integrated radio receiver

Li-Ion accu

Voltage 8,4V, 2.600 mAh, battery life > 6 months, temperature range - 10° C to 60° C, charging time appr. 4 h

radio remote control

16-channel + group channel, 433,92 MHz, reach > 50 m

power plug

230 VAC / 8,4V / 1 A, cable length 3,5 m

FE

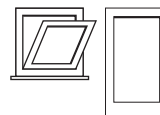
Motor data

Voltage 24 V, current 1A, including integrated limit stop.

Attention









Please use, due to the the integrated limit stop, only the original control parts. Third party products may cause damage.

For information about controlling the blinds please refer to section **Accessories for motorised blinds starting on page 8.1** or the **Electric-Planning Documents**.

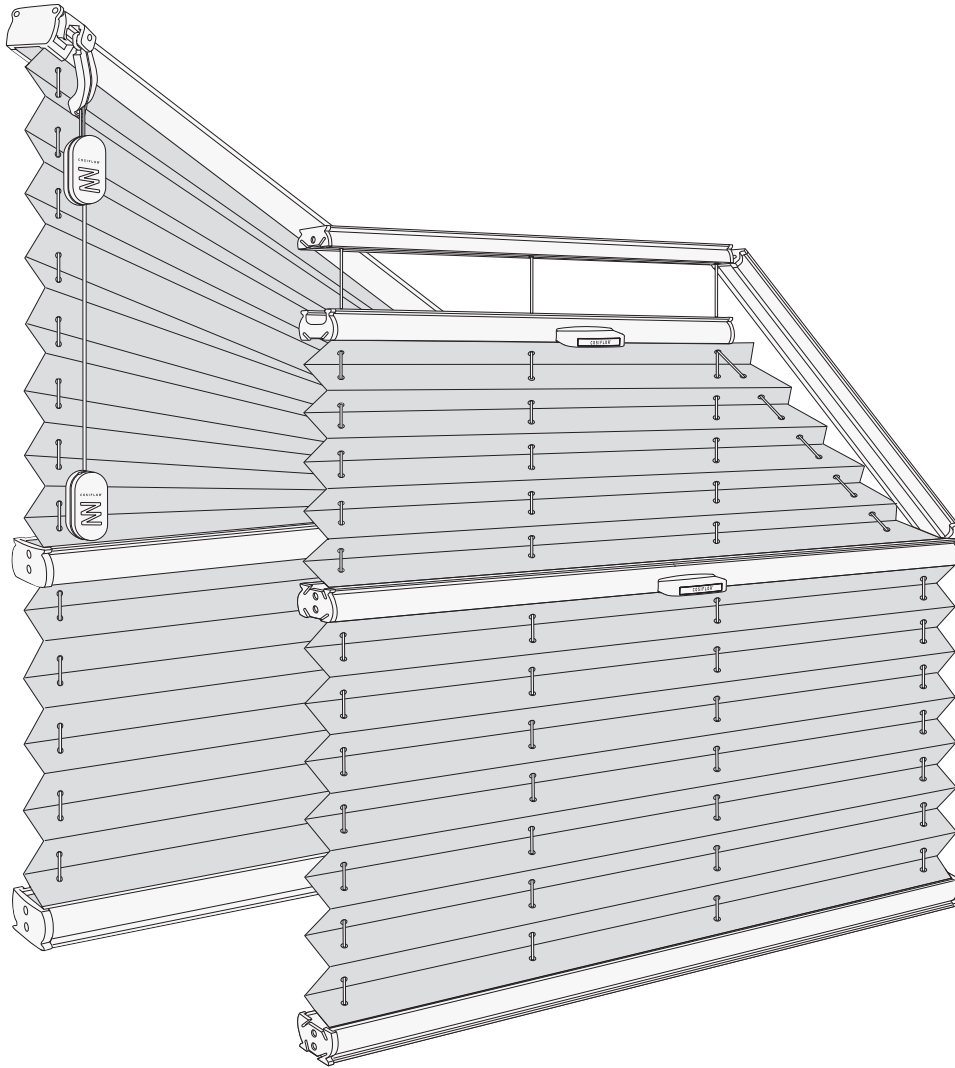


1 Freehanging blinds with operating handle, chain operation, motorised

Optional accessories F Touch, F 4, FE A, FE

	Art. no.	Description
	2301 01	clamp bracket (not for F Touch) white
	2301 03	grey
	2301 06	black
	2349 06	sealing pad for clamp bracket 2301 .. (not for F Touch) black
	2201 01	bracket, short (not for F Touch) white
	2201 03	grey
	2201 06	black
	2299 01	cover for bracket (only in combination with bracket, long 2202 ..) white
	2299 03	grey
	2299 06	black
	2202 01	bracket, long white
	2202 03	grey
	2202 06	black
	2903 01	adaptor 11°, adaptable to 44°rank (not for F Touch) white
	2903 03	grey
	2903 04	brown
	2904 01	adaptor 15° (not for F Touch) white
	2904 06	black
	2905 01	adaptor 45° (not for F Touch) white
	2905 06	black

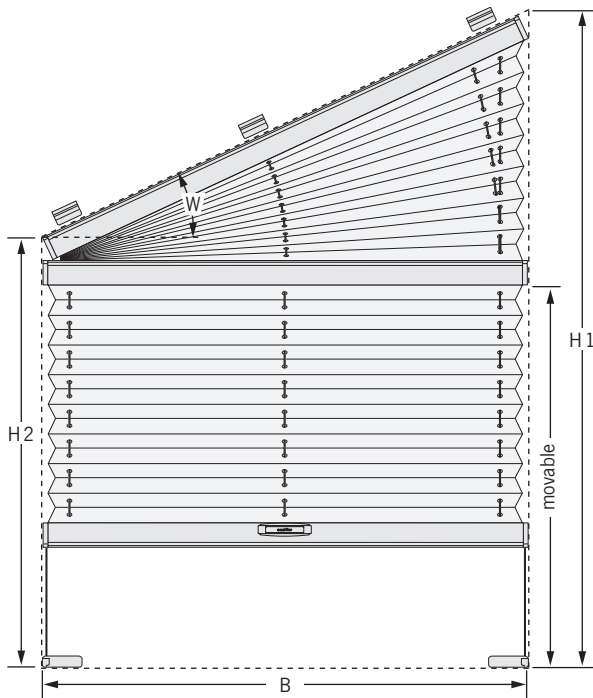
2 Pre-tensioned and freehanging blinds for vertical, special shaped windows (tilt and turn windows)



2 Pre-tensioned special shaped blinds



VS 4 Slope



Size ranges pleated

width (B)	min.	30 cm
	max.	150 cm
slope width	max. ¹	230 cm
height 1 (H1)	min.	30 cm
	max.	150 cm
up to 120 cm width	max.	220 cm
height 2 (H2)	min.	10 cm
angle (W)	min.	5°
	max.	60°

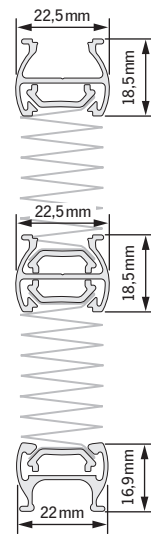
¹ depending on fabric width

Package heights

blind height	package height
50 cm	ca. 7 cm
100 cm	ca. 8 cm
150 cm	ca. 9 cm
200 cm	ca. 10 cm
220 cm	ca. 11 cm

Rail colours

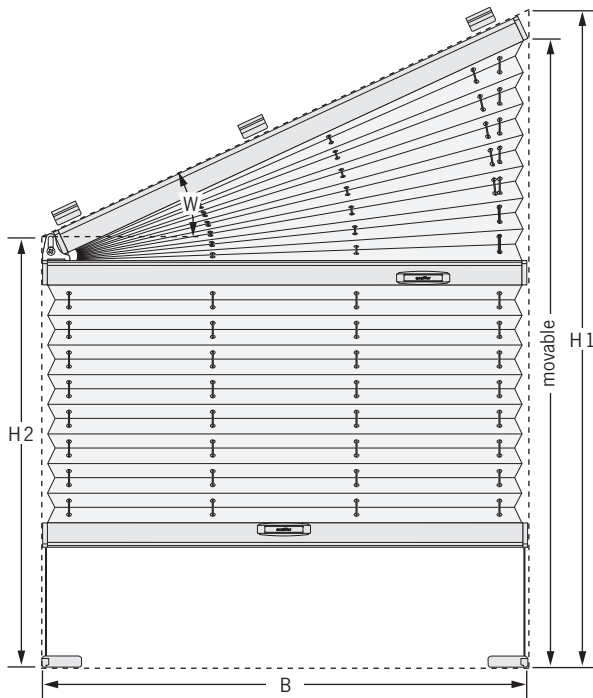
<input type="checkbox"/> white	<input type="checkbox"/> black-brown
<input type="checkbox"/> silver	<input type="checkbox"/> anthracite
<input type="checkbox"/> brass	



2 Pre-tensioned special shaped blinds



VS 4 Slope S

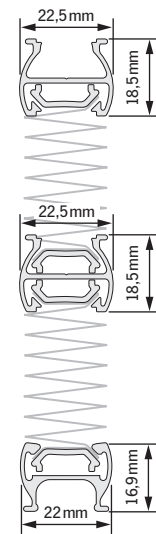


Size ranges pleated

width (B)	min.	30 cm
	max.	100 cm
height 1 (H1)	min.	30 cm
	max.	220 cm
height 2 (H2)	min.	10 cm
	max.	35°
angle (W)	min.	15°
	max.	35°

Package heights

blind height	package height
50 cm	ca. 7 cm
100 cm	ca. 8 cm
150 cm	ca. 9 cm
200 cm	ca. 10 cm
220 cm	ca. 11 cm



Notes

- the hanging fully retracts up to the sloped rail
- the middle rail cannot be operated with an operating rod
- consider adaptors to level angled window beadings
- orders with operating rod with joint only in combination with operating handle (3002 ..) delivered


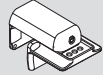
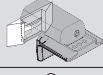


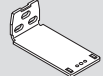

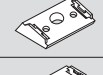
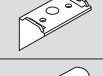
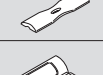
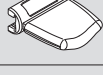
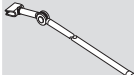

Rail colours

<input type="checkbox"/> white	<input type="checkbox"/> black-brown
<input type="checkbox"/> silver	<input type="checkbox"/> anthracite
<input type="checkbox"/> brass	

2 Pre-tensioned special shaped blinds



Optional accessories VS 4 Slope, VS 4 Slope S

	Art.-Nr.	Article
	3101 01	design handle white
	3101 02	silvergrey
	3101 06	black
	2301 01	clamp bracket white
	2301 03	grey
	2301 06	black
		sealing pad for clamp bracket
	2349 06	black
		bracket, short
	2201 01	white
	2201 03	grey
	2201 06	black
		cover for bracket
	2299 01	white
	2299 03	grey
	2299 06	black
		bracket, long
	2202 01	white
	2202 03	grey
	2202 06	black
		adaptor 11°, adaptable to 44°
	2903 01	white
	2903 03	grey
	2903 04	brown
		adaptor 15°
	2904 01	white
	2904 06	black
		adaptor 45°
	2905 01	white
	2905 06	black
		anti twist item for tension shoe
	2099 06	black
		operating handle for operating rod
	3002 01	white
	3002 03	grey
	3002 06	black
		operating rod with joint (only in combination with operating handle 3002 ..)
	3305 03	125 cm
	3306 03	150 cm
	3307 03	200 cm
	3308 03	250 cm
		clamp for operating rod / crank
	2924 03	grey

2 Pre-tensioned special shaped blinds



1 vertical blinds rectangular

2 vertical blinds special shapes

3 roof blinds DFC and DF

4 roof blinds special shapes

5 roof blinds special shapes

6 triangular and arched blinds

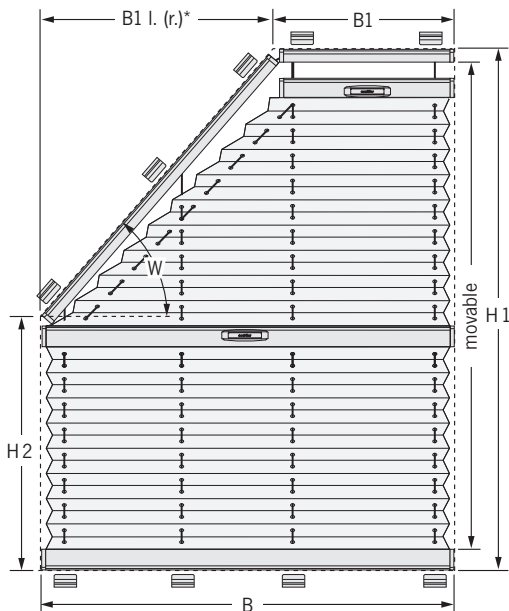
7 measurements

8 accessories motorised

9 accessories

10 material properties

VS 5 Pentagon



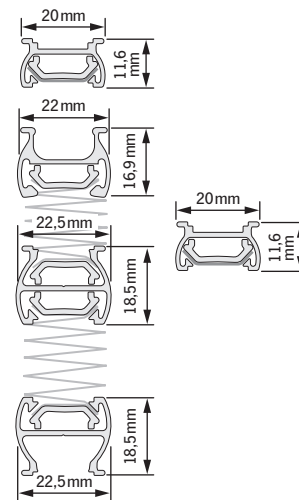
Size ranges pleated

width (B)	min.	30 cm
	max.	150 cm
short width (B1) ¹	min. ¹	7 cm
	max.	145 cm
overhang (B1 l./r.)	min.	5 cm
	max.	120 cm
height 1 (H1)	min.	30 cm
	max.	150 cm
up to 120 cm width	max.	200 cm
height 2 (H2)	min.	10 cm
angle (W)	min.	15°
	max.	80°

¹ with loop cord min. 8 cm

Package heights

blind height	package height
50 cm	ca. 7 cm
100 cm	ca. 8 cm
150 cm	ca. 9 cm
200 cm	ca. 10 cm



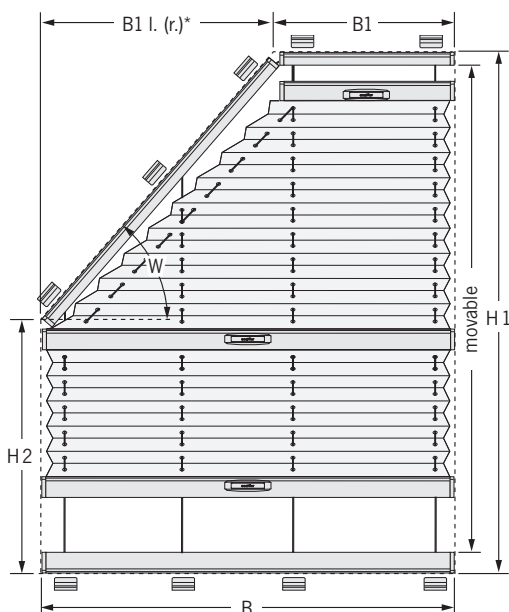
Notes

- * the slope may be either left or right
- B1 + B1 l. (r.) always add up to the width B
- fixed tension cords

Rail colours

- white
- black-brown
- silver
- anthracite
- brass

VS 5 SD Pentagon



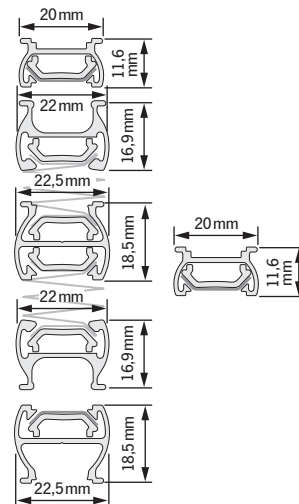
Size ranges pleated

width (B)	min.	30 cm
	max.	100 cm
short width (B1)	min. ¹	7 cm
	max.	95 cm
overhang (B1 l./r.)	min.	5 cm
	max.	93 cm
height 1 (H1)	min.	30 cm
	max.	200 cm
height 2 (H2)	min.	10 cm
angle (W)	min.	15°
	max.	80°

¹ with loop cord min. 8 cm

Package heights

blind height	package height
50 cm	ca. 9 cm
100 cm	ca. 10 cm
150 cm	ca. 11 cm
200 cm	ca. 12 cm



Notes

- * the slope may be either left or right
- B1 + B1 l. (r.) always add up to the width B
- fixed tension cords

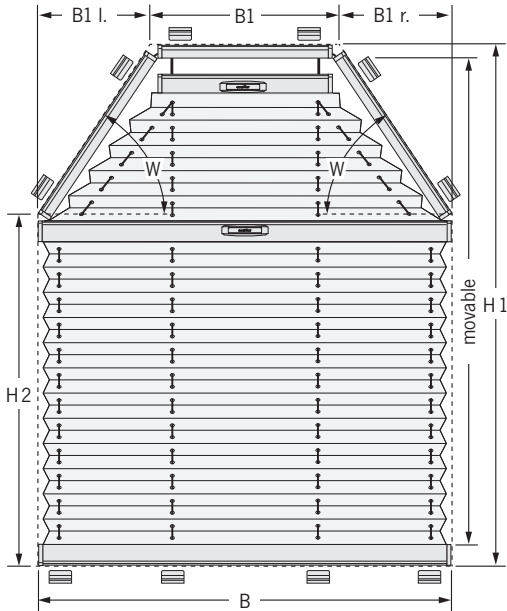
Rail colours

- white
- black-brown
- silver
- anthracite
- brass

2 Pre-tensioned special shaped blinds



VS 6 Hexagon



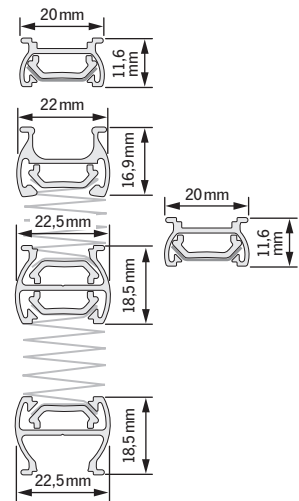
Size ranges pleated

width (B)	min.	30 cm
	max.	150 cm
short width (B1)	min. ¹	7 cm
	max.	140 cm
overhang (B1 l./r.)	min.	5 cm
	max.	120 cm
height 1 (H 1)	min.	30 cm
	max.	150 cm
up to 120 cm width	max.	200 cm
height 2 (H 2)	min.	10 cm
angle (W)	min.	15°
	max.	70°

¹ with loop cord min. 8 cm

Package heights

blind height	package height
50 cm	ca. 7 cm
100 cm	ca. 8 cm
150 cm	ca. 9 cm
200 cm	ca. 10 cm



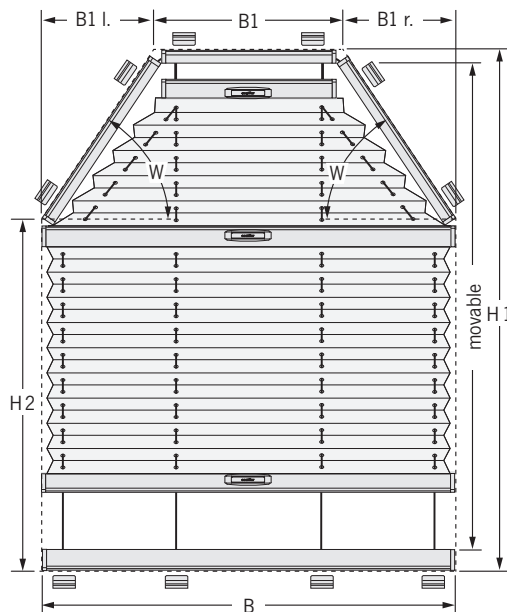
Notes

- B1 + B1 l. + B1 r. always add up to the width B
- also possible if asymmetrically
- fixed tension cords

Rail colours

- white
- silver
- brass
- black-brown
- anthracite

VS 6 SD Hexagon



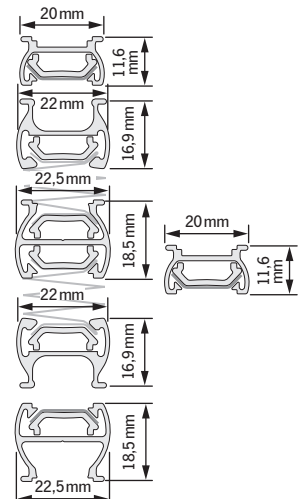
Size ranges pleated

width (B)	min.	30 cm
	max.	100 cm
short width (B1)	min. ¹	7 cm
	max.	90 cm
overhang (B1 l./r.)	min.	5 cm
	max.	88 cm
height 1 (H 1)	min.	30 cm
	max.	200 cm
height 2 (H 2)	min.	10 cm
angle (W)	min.	15°
	max.	70°

¹ with loop cord min. 8 cm

Package heights

blind height	package height
50 cm	ca. 9 cm
100 cm	ca. 10 cm
150 cm	ca. 11 cm
200 cm	ca. 12 cm



Notes

- B1 + B1 l. + B1 r. always add up to the width B
- also possible if asymmetrically
- fixed tension cords

Rail colours

- white
- silver
- brass
- black-brown
- anthracite

2 Pre-tensioned special shaped blinds



1 vertical blinds rectangular

2 vertical blinds special shapes

3 roof blinds DFC and DF

4 roof blinds special shapes

5 roof blinds special shapes

6 triangular and arched blinds

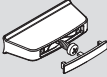
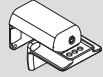
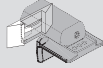


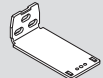
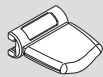
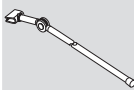

7 measurements

8 accessories motorised

9 accessories

10 material properties

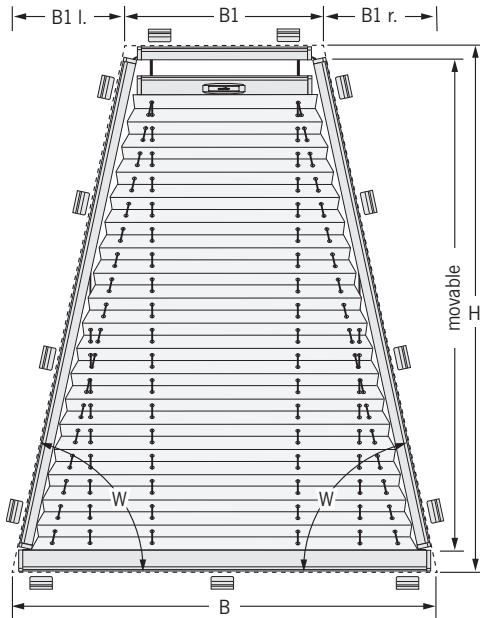
Optional accessories VS 5, VS 5 SD, VS 6, VS 6 SD

	Art.-Nr.	Article
	3101 01	design handle white
	3101 02	silvergrey
	3101 06	black
	2301 01	clamp bracket white
	2301 03	grey
	2301 06	black
		sealing pad for clamp bracket
	2349 06	black
		bracket, short
	2201 01	white
	2201 03 2201 06	grey black
	2299 01	cover for bracket white
	2299 03	grey
	2299 06	black
		bracket, long
	2202 01	white
	2202 03 2202 06	grey black
	3002 01	operating handle for operating rod white
	3002 03	grey
	3002 06	black
		operating rod with joint (only in combination with operating handle 3002 ..)
	3305 03	125cm
	3306 03	150cm
	3307 03 3308 03	200cm 250cm
	2924 03	clamp for operating rod / crank grey

2 Pre-tensioned special shaped blinds



VS 7 Trapezium



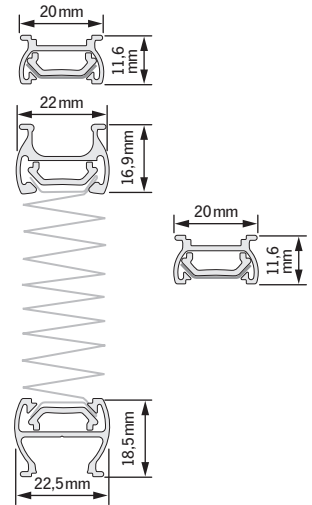
Size ranges pleated

width (B)	min.	30 cm
	max.	150 cm
short width (B1)	min. ¹	7 cm
	max.	140 cm
overhang (B1 l./r.)	min.	5 cm
	max.	120 cm
height (H)	min.	30 cm
	max.	150 cm
up to 120 cm width	max.	200 cm
angle (W)	min.	15°
	max.	70°

¹ with loop cord min. 8 cm

Package heights

blind height	package height
50 cm	ca. 7 cm
100 cm	ca. 8 cm
150 cm	ca. 9 cm
200 cm	ca. 10 cm



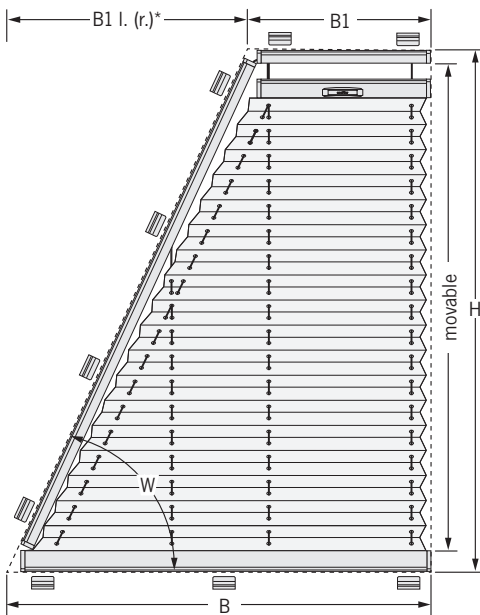
Notes

- also possible if asymmetrically
- B1 + B1 l. + B1 r. always add up to the width B
- fixed tension cords

Rail colours

<input type="checkbox"/> white	<input type="checkbox"/> black-brown
<input type="checkbox"/> silver	<input type="checkbox"/> anthracite
<input type="checkbox"/> brass	

VS 8 Trapezium



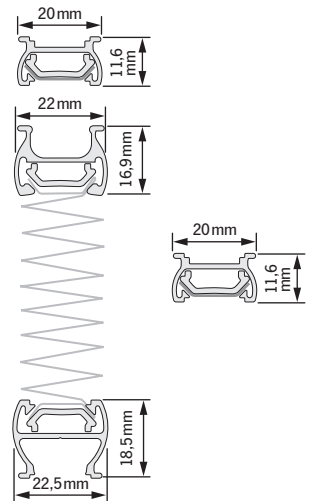
Size ranges pleated

width (B)	min.	30 cm
	max.	150 cm
short width (B1)	min. ¹	7 cm
	max.	145 cm
overhang (B1 l./r.)	min.	5 cm
	max.	120 cm
height (H)	min.	30 cm
	max.	150 cm
up to 120 cm width	max.	200 cm
angle (W)	min.	15°
	max.	80°

¹ with loop cord min. 8 cm

Package heights

blind height	package height
50 cm	ca. 7 cm
100 cm	ca. 8 cm
150 cm	ca. 9 cm
200 cm	ca. 10 cm



Notes

- * the slope may be either left or right
- B1 + B1 l. (r.) always add up to the width B
- fixed tension cords

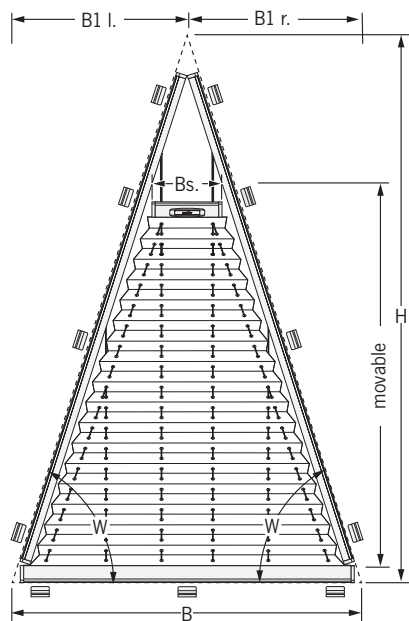
Rail colours

<input type="checkbox"/> white	<input type="checkbox"/> black-brown
<input type="checkbox"/> silver	<input type="checkbox"/> anthracite
<input type="checkbox"/> brass	

2 Pre-tensioned special shaped blinds



VS 9 D Triangle



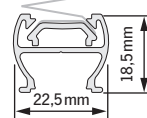
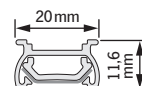
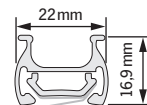
Size ranges pleated

width (B)	min.	30 cm
	max.	150 cm
width of head rail (Bs.) ¹		7 cm
overhang (B1 l./r.)	min.	10 cm
	max.	120 cm
height (H)	min.	30 cm
	max.	150 cm
up to 120 cm width	max.	200 cm
angle (W)	min.	15°
	max.	70°

¹ with loop cord min. 8 cm

Package heights

blind height	package height
50 cm	ca. 6 cm
100 cm	ca. 7 cm
150 cm	ca. 8 cm
200 cm	ca. 9 cm



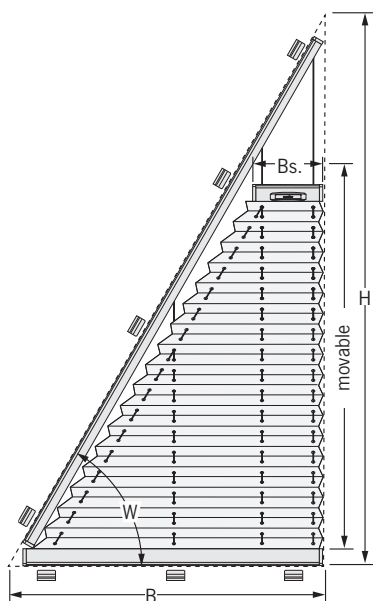
Notes

- also possible if asymmetrically
- B1 l. + B1 r. always add up to the width B
- fixed tension cords

Rail colours

white	black-brown
silver	anthracite
brass	

VS 10 D Triangle



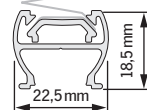
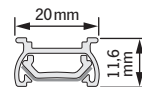
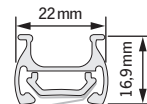
Size ranges pleated

width (B)	min.	30 cm
	max.	120 cm
width of head rail (Bs.) ¹		7 cm
height (H)	min.	30 cm
	max.	200 cm
angle (W)	min.	15°
	max.	80°

¹ with loop cord min. 8 cm

Package heights

blind height	package height
50 cm	ca. 6 cm
100 cm	ca. 7 cm
150 cm	ca. 8 cm
200 cm	ca. 9 cm



Notes

- the slope may be either left or right
- fixed tension cords

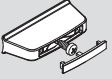


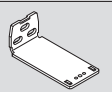
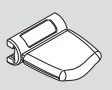
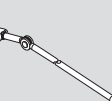
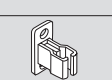
Rail colours

white	black-brown
silver	anthracite
brass	

2 Pre-tensioned special shaped blinds



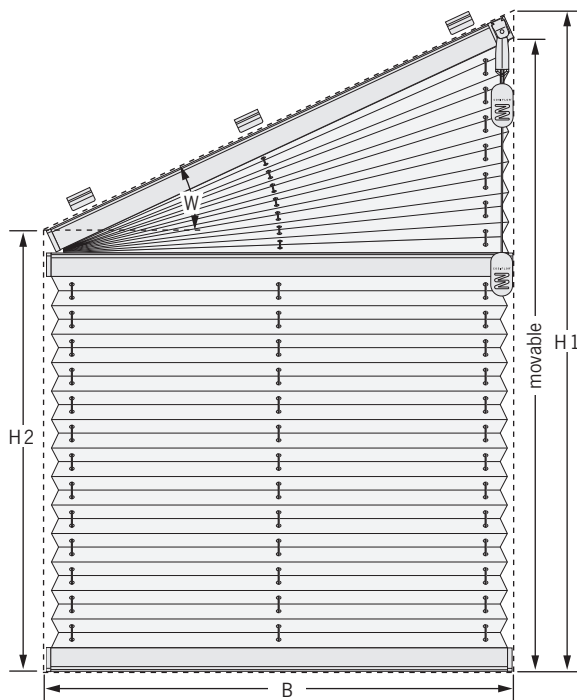
Optional accessories VS 7, VS 8, VS 9 D, VS 10 D

	Art.-Nr.	Article
	3101 01	design handle white
	3101 02	silvergry
	3101 06	black
		bracket, short
	2201 01	white
	2201 03 2201 06	grey black
		cover for bracket
	2299 01	white
	2299 03 2299 06	grey black
		bracket, long
	2202 01	white
	2202 03 2202 06	grey black
		operating handle for operating rod
	3002 01	white
	3002 03 3002 06	grey black
		operating rod with joint (only in combination with operating handle 3002 ..)
	3305 03	125 cm
	3306 03	150 cm
	3307 03 3308 03	200 cm 250 cm
	2924 03	clamp for operating rod / crank grey

2 Pre-tensioned special shaped blinds



F Slope 1

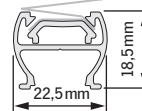
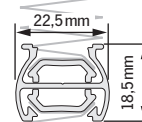
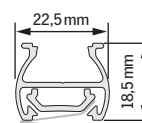
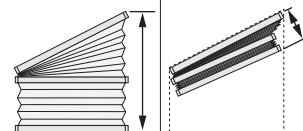


Size ranges pleated

width (B)	min.	30 cm
	max.	80 cm
slope width	max.	100 cm
height 1 (H 1)	min.	30 cm
	max.	260 cm
height 2 (H 2)	min.	10 cm
angle (W)	min.	5°
	max.	35°

Package heights

blind height	package height
50 cm	ca. 6 cm
100 cm	ca. 7 cm
150 cm	ca. 8 cm
200 cm	ca. 9 cm
260 cm	ca. 10 cm



Notes

- not available with guide wires
- the hanging fully retracts up to the sloped rail
- cord operation available on high or low side (please specify)



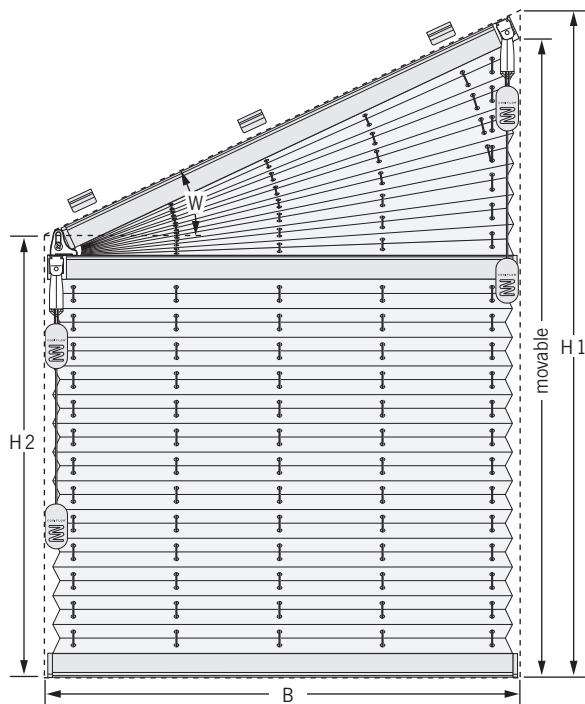
Rail colours

<input type="checkbox"/> white	<input type="checkbox"/> black-brown
<input type="checkbox"/> silver	<input type="checkbox"/> anthracite
<input type="checkbox"/> brass	

2 Freehanging special shaped blinds



F Slope 2



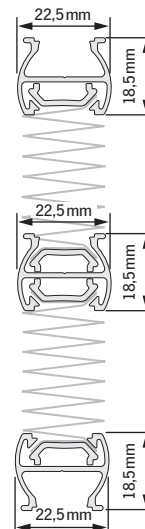
Size ranges pleated

width (B)	min.	30 cm
up to 15° angle max.		220 cm
up to 30° angle max.		190 cm
up to 45° angle max.		160 cm
up to 50° angle max.		110 cm
slope width	max. ¹	230 cm
height 1 (H 1)	min.	30 cm
	max.	260 cm
height 2 (H 2)	min.	10 cm
angle (W)	min.	5°
	max.	50°

¹ depending on fabric width

Package heights

blind height	package height
50 cm	ca. 6 cm
100 cm	ca. 7 cm
150 cm	ca. 8 cm
200 cm	ca. 9 cm
260 cm	ca. 10 cm



Notes

- not available with guide wires
- the hanging fully retracts up to the sloped rail
- consider adaptors to level angled window beadings
- operation of the bottom hanging on the low side, for the top hanging on the high side









Rail colours

	white		black-brown
	silver		anthracite
	brass		

2 Freehanging special shaped blinds



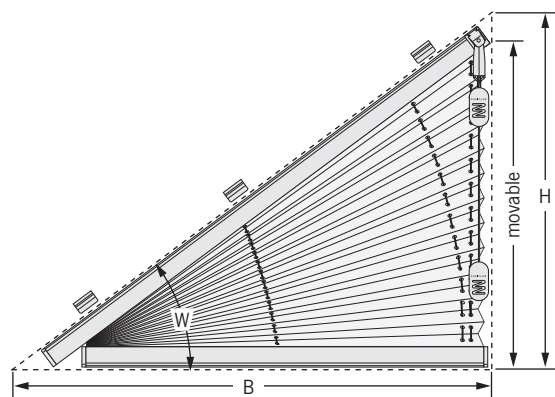
Optional accessories F Slope 1, F Slope 2

	Art.-Nr.	Article
	2301 01	clamp bracket white
	2301 03	grey
	2301 06	black
		sealing pad for clamp bracket
	2349 06	black
		bracket, short
	2201 01	white
	2201 03	grey
	2201 06	black
		cover for bracket
	2299 01	white
	2299 03	grey
	2299 06	black
		bracket, long
	2202 01	white
	2202 03	grey
	2202 06	black
		adaptor 11°, adaptable to 44°
	2903 01	white
	2903 03	grey
	2903 04	brown
		adaptor 15°
	2904 01	white
	2904 06	black
		adaptor 45°
	2905 01	white
	2905 06	black

2 Freehanging special shaped blinds



FD Slope 3



Size ranges pleated

width (B)	min.	30 cm
	max. ¹	220 cm
slope width	max.	230 cm
height (H)	min.	30 cm
	max.	160 cm
angle (W)	min.	5°
	max.	50°

¹ depending on fabric width

Package heights

blind height	package height
50 cm	ca. 7 cm
100 cm	ca. 8 cm
150 cm	ca. 9 cm

Rail colours

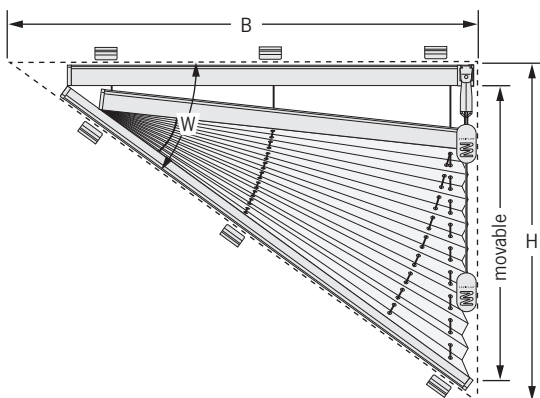
<input type="checkbox"/> white	<input type="checkbox"/> black-brown
<input type="checkbox"/> silver	<input type="checkbox"/> anthracite
<input type="checkbox"/> brass	



Notes

- the hanging fully retracts up to the sloped rail
- cord operation always on high side

FD Slope 4



Size ranges pleated

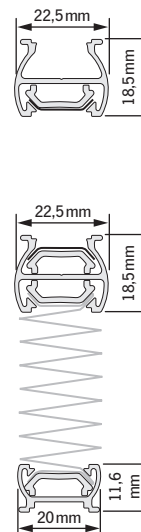
width (B)	min.	30 cm
	max.	100 cm
slope width	max.	230 cm
height (H)	min.	30 cm
	max.	100 cm
angle (W)	min.	5°
	max.	45°

Package heights

blind height	package height
50 cm	ca. 6 cm
100 cm	ca. 7 cm

Rail colours

<input type="checkbox"/> white	<input type="checkbox"/> black-brown
<input type="checkbox"/> silver	<input type="checkbox"/> anthracite
<input type="checkbox"/> brass	









Notes

- the hanging is lowered from the horizontal top rail to the sloped bottom rail
- cord operation always on high side
- operating cords in the view field

2 Freehanging special shaped blinds



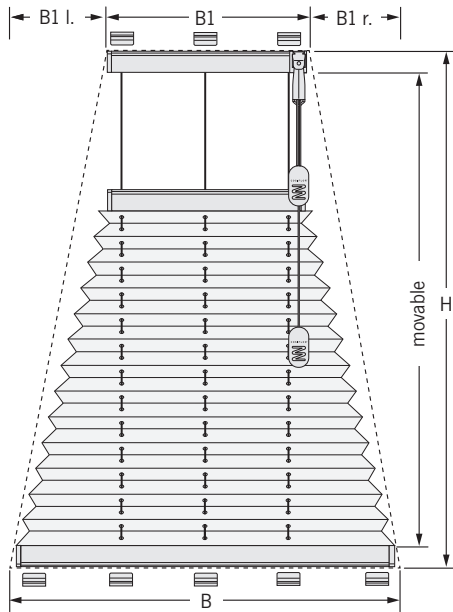
Optional accessories FD Slope 3, FD Slope 4

	Art.-Nr.	Article
		bracket, short
	2201 01	white
	2201 03	grey
	2201 06	black
		cover for bracket
	2299 01	white
	2299 03	grey
	2299 06	black
		bracket, long
	2202 01	white
	2202 03	grey
	2202 06	black
		adaptor 11°, adaptable to 44°
	2903 01	white
	2903 03	grey
	2903 04	brown
		adaptor 15°
	2904 01	white
	2904 06	black
		adaptor 45°
	2905 01	white
	2905 06	black

2 Freehanging special shaped blinds



F 7 Trapezium

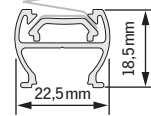
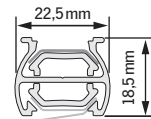
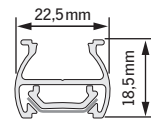


Size ranges pleated

width (B)	min.	60 cm
	max.	200 cm
short width (B1)	min.	50 cm
	max.	190 cm
overhang (B1 l./r.)	min.	5 cm
	max.	20 cm
height (H)	min.	30 cm
	max.	240 cm

Package heights

blind height	package height
50 cm	ca. 5 cm
100 cm	ca. 6 cm
150 cm	ca. 7 cm
200 cm	ca. 8 cm
240 cm	ca. 9 cm



Notes

- B1 + B1 l. + B1 r. always add up to the width B
- also possible if asymmetrically
- cord operation available on left or right side (please specify)
- operating cords in the view field
- lateral overhang (B1 l. + B1 r.) max. 20 cm

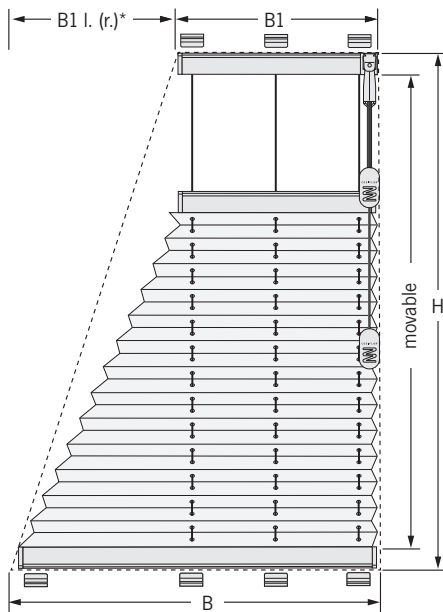
Rail colours

- white
- black-brown
- silver
- anthracite
- brass

2 Freehanging special shaped blinds



F 8 Trapezium

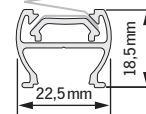
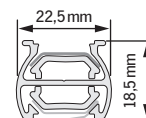
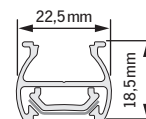


Size ranges pleated

width (B)	min.	55 cm
	max.	200 cm
short width (B1)	min.	50 cm
	max.	195 cm
overhang (B1 l./r.)	min.	5 cm
	max.	20 cm
height (H)	min.	30 cm
	max.	240 cm

Package heights

blind height	package height
50 cm	ca. 5 cm
100 cm	ca. 6 cm
150 cm	ca. 7 cm
200 cm	ca. 8 cm
240 cm	ca. 9 cm



Notes

- * the slope may be either left or right
- B1 + B1 l. (r.) always add up to the width B
- cord operation available on left or right side (please specify)
- operating cords in the view field
- lateral overhang (B1 l. + B1 r.) max. 20 cm









Rail colours

<input type="checkbox"/> white	<input type="checkbox"/> black-brown
<input type="checkbox"/> silver	<input type="checkbox"/> anthracite
<input type="checkbox"/> brass	

2 Freehanging special shaped blinds

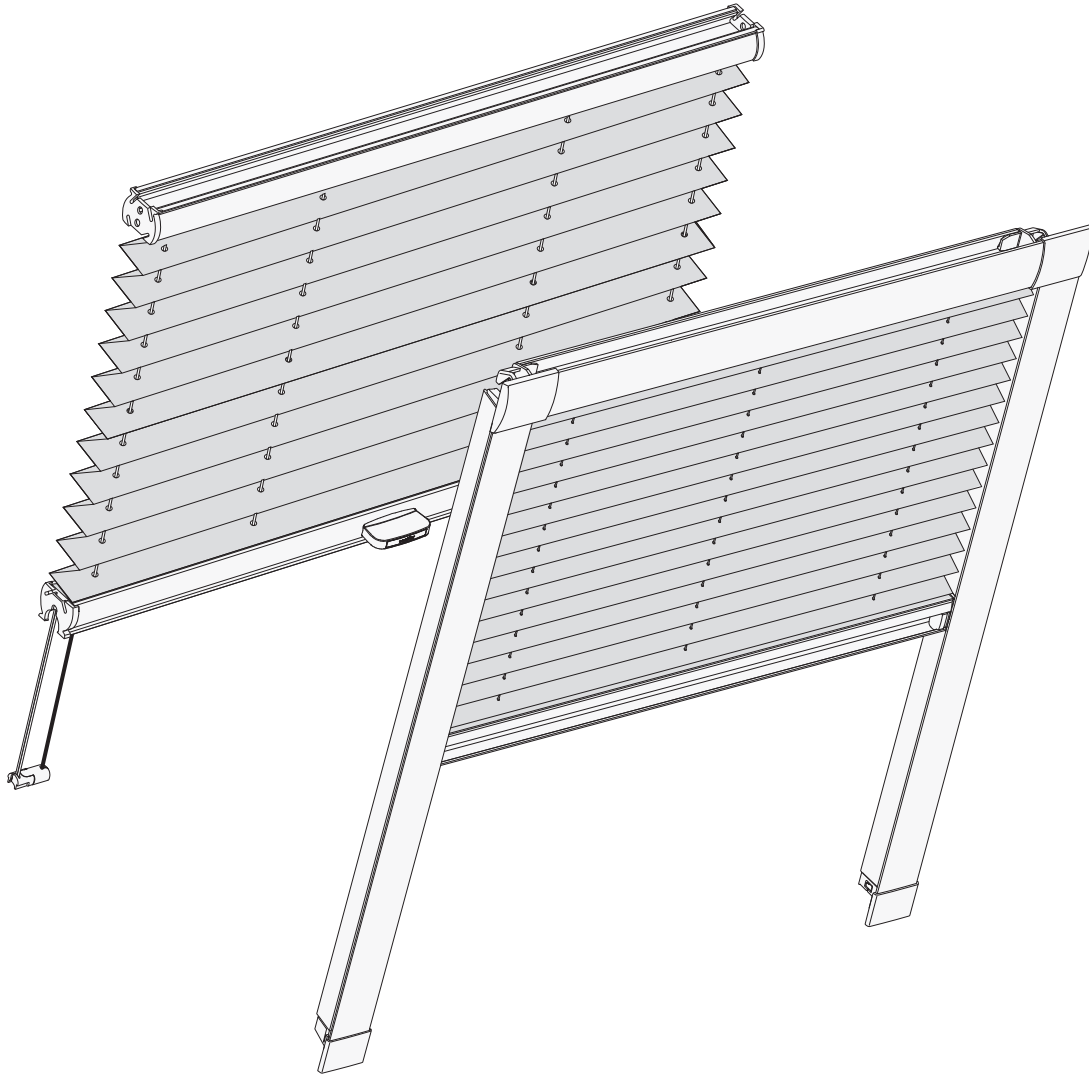


Optional accessories F 7, F 8

	Art.-Nr.	Article
	2301 01	clamp bracket white
	2301 03	grey
	2301 06	black
		sealing pad for clamp bracket
	2349 06	black
		bracket, short
	2201 01	white
	2201 03	grey
	2201 06	black
		cover for bracket
	2299 01	white
	2299 03	grey
	2299 06	black
		bracket, long
	2202 01	white
	2202 03	grey
	2202 06	black
		adaptor 11°, adaptable to 44°
	2903 01	white
	2903 03	grey
	2903 04	brown
		adaptor 15°
	2904 01	white
	2904 06	black
		adaptor 45°
	2905 01	white
	2905 06	black

3 Roof blinds

DF Comfort blinds with side channels
or DF blinds with tension wires



1 vertical blinds
rectangular

2 vertical blinds
special shapes

3 roof blinds
DFC and DF

4 roof blinds
special shapes

5 roof blinds
special shapes

6 triangular and
arched blinds

7 measurements

8 accessories
motorised

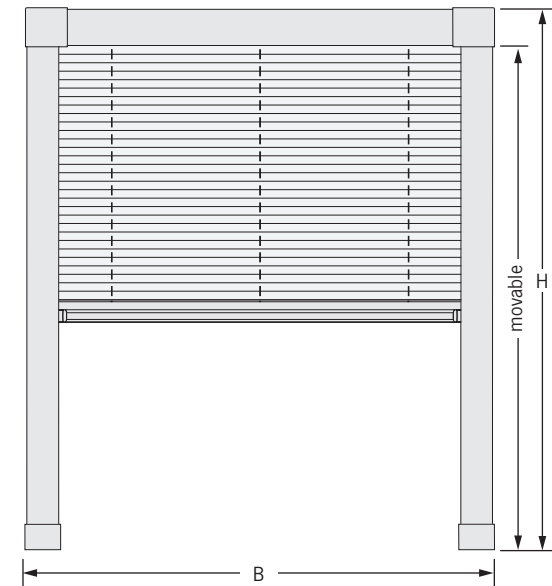
9 accessories

10 material
properties

3 Roof blinds



DF Comfort 10

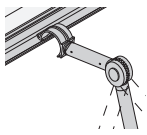
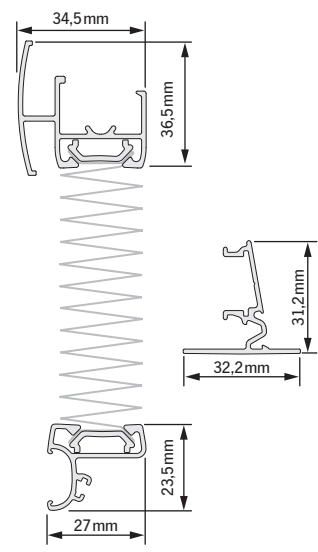


Size ranges pleated

width (B)	min.	25 cm
	max.	150 cm
height (H)	min.	40 cm
	max.	150 cm
up to 120 cm width	max.	190 cm

Package heights

blind height	package height
50 cm	ca. 7 cm
100 cm	ca. 8 cm
150 cm	ca. 9 cm

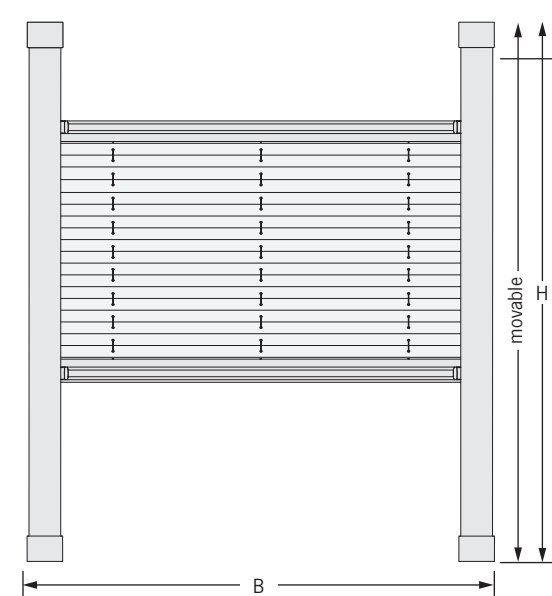


- Notes**
- also available with operating rod (surcharge)
 - for roof windows with angled or straight beadings
 - **fitting only inside the window beading**

Rail colours

white	brass
silver	black-brown

DF Comfort 20

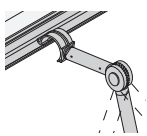
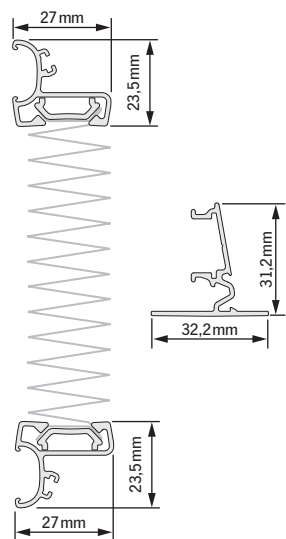


Size ranges pleated

width (B)	min.	25 cm
	max.	150 cm
height (H)	min.	40 cm
	max.	150 cm
up to 120 cm width	max.	190 cm

Package heights

blind height	package height
50 cm	ca. 6 cm
100 cm	ca. 7 cm
150 cm	ca. 8 cm



- Notes**
- also available with operating rod (surcharge)
 - for roof windows with angled or straight beadings
 - **fitting only inside the window beading**

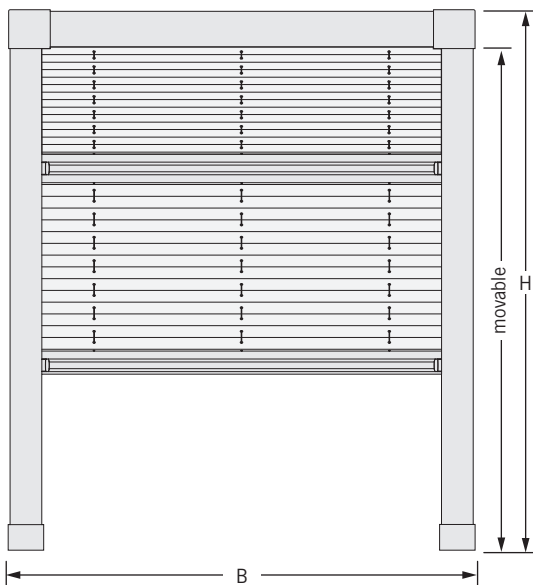
Rail colours

white	brass
silver	black-brown



3 Roof blinds

DF Comfort 30

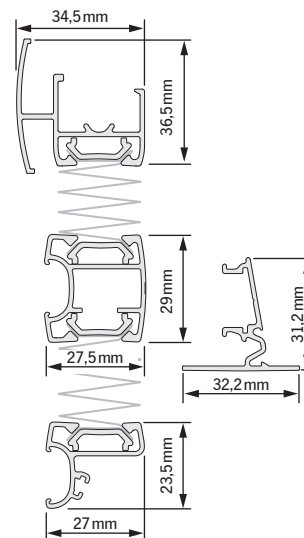


Size ranges pleated

width (B)	min.	25 cm
	max.	150 cm
height (H)	min.	40 cm
	max.	150 cm
up to 120 cm width	max.	190 cm

Package heights

blind height	package height
50 cm	ca. 10 cm
100 cm	ca. 12 cm
150 cm	ca. 14 cm

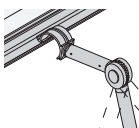


Notes

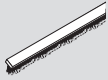
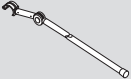

- also available with operating rod (surcharge)
- for roof windows with angled or straight beadings
- **fitting only inside the window beading**

Rail colours

- white
- silver
- brass
- black-brown



Optional accessories DF Comfort 10, 20, 30

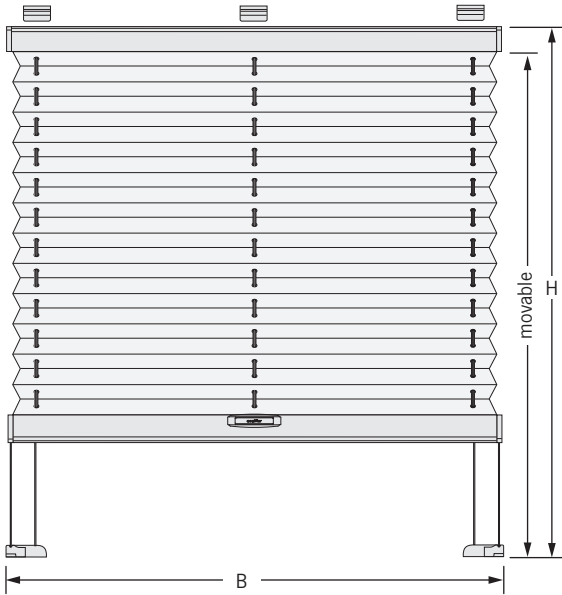
Art.-Nr.	Article
	brush strip DFC 10 or DFC 30 DFC 20
	operating rod with joint 3325 03 125 cm 3326 03 150 cm 3327 03 200 cm 3328 03 250 cm
	clamp for operating rod / crank 2924 03 grey

For DF blinds with tension wires continue to page 3.4.

3 Roof blinds



DF 10

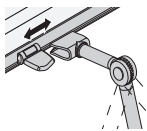
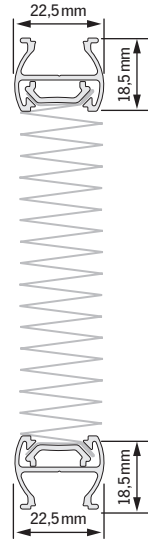


Size ranges pleated

width (B)	min.	12 cm
	max.	150 cm
height (H)	min.	20 cm
	max.	160 cm

Package heights

blind height	package height
50 cm	ca. 5 cm
100 cm	ca. 6 cm
150 cm	ca. 7 cm



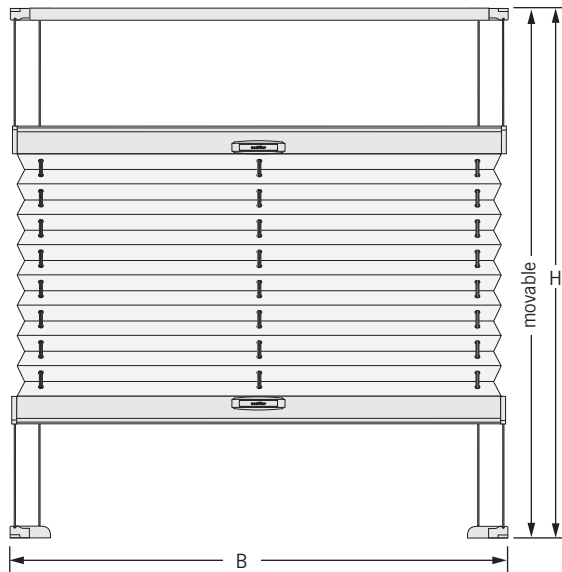
Notes

- also available with operating rod (surcharge) (with **different operating handle**)
- for roof windows with angled or straight beadings
- fitting on the window casement possible

Rail colours

<input type="checkbox"/> white	<input type="checkbox"/> brass
<input type="checkbox"/> silver	<input type="checkbox"/> black-brown

DF 20

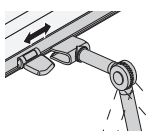
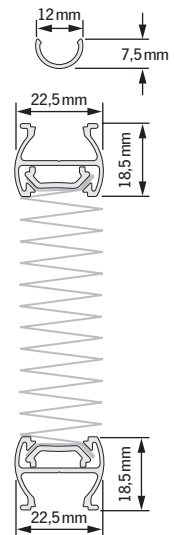


Size ranges pleated

width (B)	min.	20 cm
	max.	150 cm
height (H)	min.	20 cm
	max.	160 cm

Package heights

blind height	package height
50 cm	ca. 5 cm
100 cm	ca. 6 cm
150 cm	ca. 7 cm



Notes

- also available with operating rod (surcharge) (with **different operating handle**)
- for roof windows with angled or straight beadings
- fitting on the window casement **not** possible

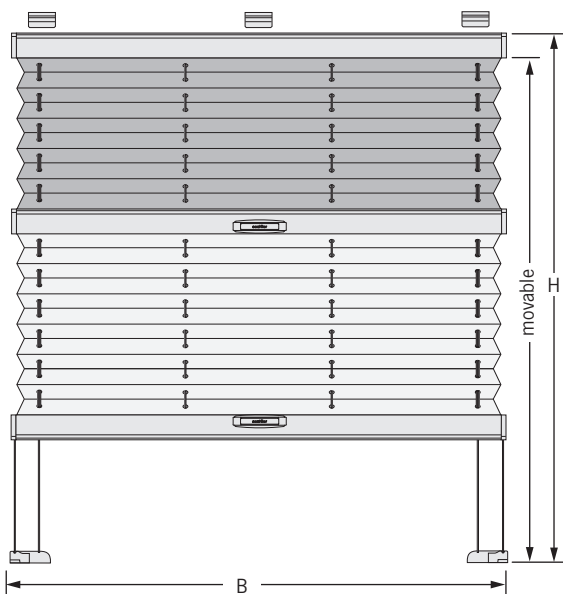
Rail colours

<input type="checkbox"/> white	<input type="checkbox"/> brass
<input type="checkbox"/> silver	<input type="checkbox"/> black-brown



3 Roof blinds

DF 30

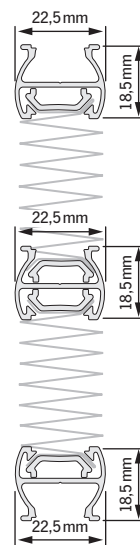


Size ranges pleated

width (B)	min.	12 cm
	max.	150 cm
height (H)	min.	20 cm
	max.	160 cm

Package heights

blind height	package height
50 cm	ca. 6 cm
100 cm	ca. 7 cm
150 cm	ca. 8 cm

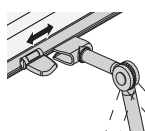


Notes

- also available with operating rod (surcharge) (with **different operating handle**)
- for roof windows with angled or straight beadings
- fitting on the window casement possible

Rail colours

	white		brass
	silver		black-brown



Optional accessories DF 10, 20, 30

Art.-Nr.	Article
	design handle white 3101 01 silvergrey 3101 02 black 3101 06
	bracket, short white 2201 01 grey 2201 03 black 2201 06
	cover for bracket white 2299 01 grey 2299 03 black 2299 06
	Adapterplatte for Braas windows white 2902 01 grey 2902 03 black 2902 06
	operating handle for operating rod white 3002 01 grey 3002 03 black 3002 06
	operating rod with joint (only in combination with operating handle 3002 ..) 125 cm 3305 03 150 cm 3306 03 200 cm 3307 03 250 cm 3308 03
	clamp for operating rod / crank grey 2924 03

For DF Comfort blinds with side channels please go to page 3.2.

1 vertical blinds
rectangular

2 vertical blinds
special shapes

3 roof blinds
DFC and DF

4 roof blinds
special shapes

5 roof blinds
special shapes

6 triangular and
arched blinds

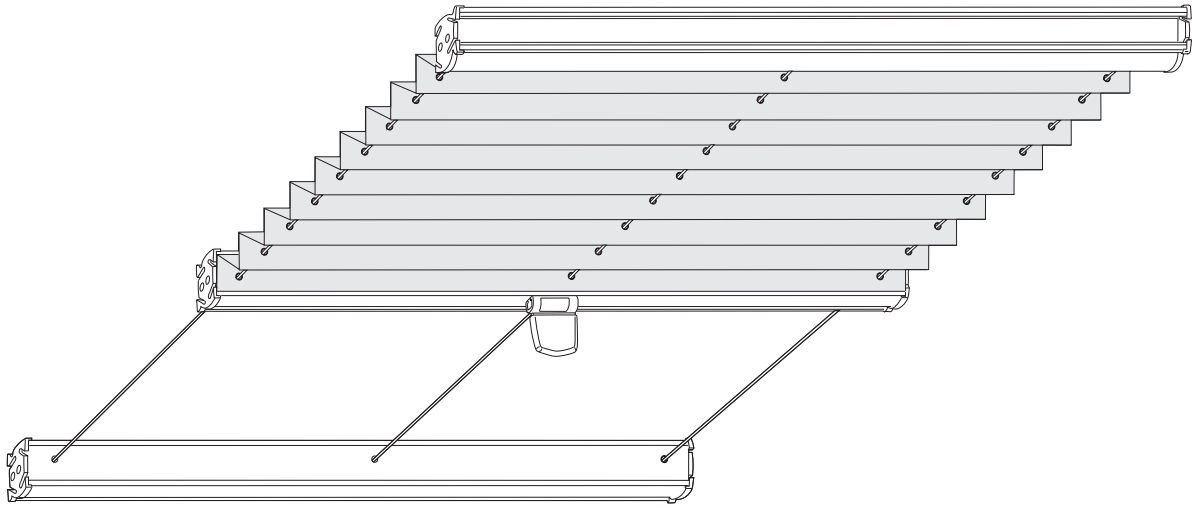
7 measurements

8 accessories
motorised

9 accessories

10 material
properties

4 Roof blinds for rectangular windows (glazed roofs & conservatories)



1 vertical blinds
rectangular

2 vertical blinds
special shapes

3 roof blinds
DFC and DF

4 roof blinds
special shapes

5 roof blinds
special shapes

6 triangular and
arched blinds

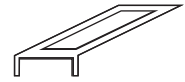
7 measurements

8 accessories
motorised

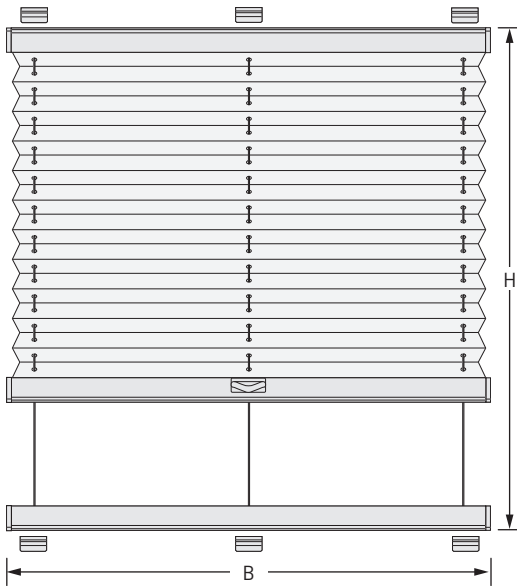
9 accessories

10 material
properties

4 Roof blinds for rectangular windows



PL 11 with operating rod

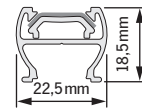
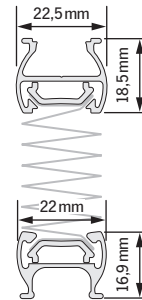


Size ranges pleated

width (B)	min.	20 cm
	max.	150 cm
height (H)	min.	30 cm
	max.	400 cm

Package heights

blind height	package height
50 cm	ca. 6 cm
100 cm	ca. 7 cm
150 cm	ca. 8 cm
200 cm	ca. 9 cm
250 cm	ca. 10 cm
300 cm	ca. 11 cm
350 cm	ca. 12 cm
400 cm	ca. 13 cm



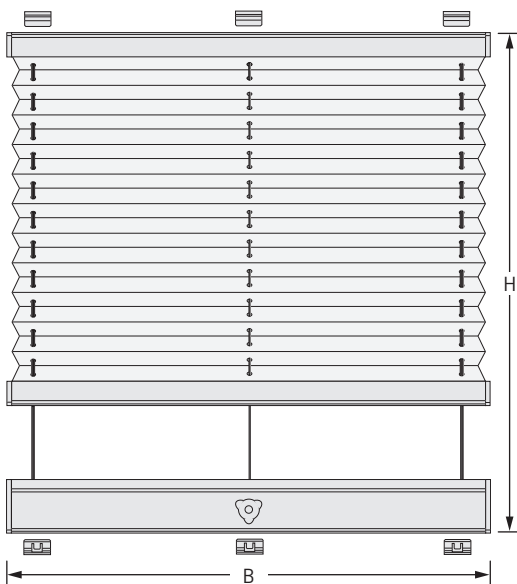
Notes

- optionally with operating rod (surcharge)
- horizontal or slope fitting possible
- fixed tension wires, UV-resistant and of black coated steel wire, max. distance 25 cm

Rail colours

<input type="checkbox"/> white	<input type="checkbox"/> black-brown
<input type="checkbox"/> silver	<input type="checkbox"/> anthracite
<input type="checkbox"/> brass	

PLK 13 with crank operation

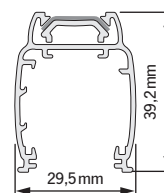
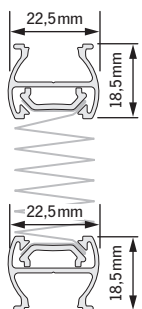


Size ranges pleated

width (B)	min.	20 cm
	max.	150 cm
height (H)	min.	30 cm
	max.	400 cm

Package heights

blind height	package height
50 cm	ca. 6 cm
100 cm	ca. 7 cm
150 cm	ca. 8 cm
200 cm	ca. 9 cm
250 cm	ca. 10 cm
300 cm	ca. 11 cm
350 cm	ca. 12 cm
400 cm	ca. 13 cm



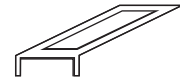
Notes

- available with manual crank (surcharge) or operating rod for electric crank (surcharge)
- horizontal or slope fitting possible
- hanging and operation available on opposite sides (fig.) or on the same side (please specify)
- fixed tension wires, UV-resistant and of black coated steel wire, max. distance 25 cm
- operation available left, right or centre (please specify)

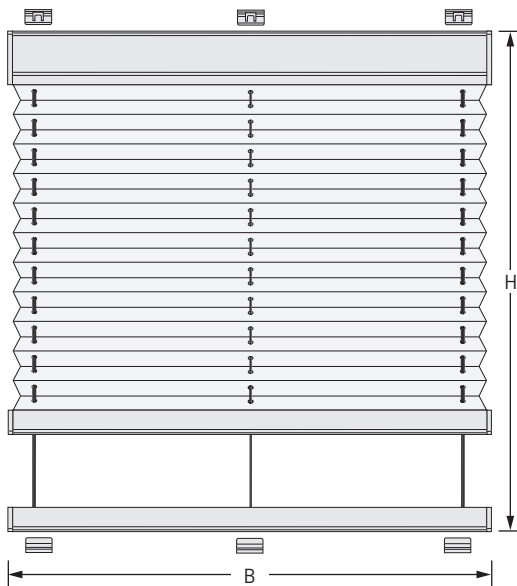
Rail colours

<input type="checkbox"/> white	<input type="checkbox"/> black-brown
<input type="checkbox"/> silver	<input type="checkbox"/> anthracite
<input type="checkbox"/> brass	

4 Roof blinds for rectangular windows



PLE 12 motorised



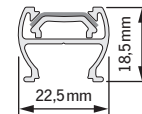
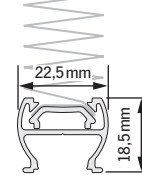
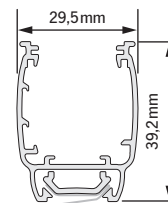
Size ranges pleated

width (B)	min. ¹	36 cm
	max.	150 cm
height (H)	min.	30 cm
	max.	400 cm

¹ with external timer

Package heights

blind height	package height
50 cm	ca. 8 cm
100 cm	ca. 9 cm
150 cm	ca. 10 cm
200 cm	ca. 11 cm
250 cm	ca. 12 cm
300 cm	ca. 13 cm
350 cm	ca. 14 cm
400 cm	ca. 15 cm



Notes

- horizontal or slope fitting possible
- hanging and operation available on opposite sides (fig.) or on the same side (please specify)
- fixed tension wires, UV-resistant and of black coated steel wire, max. distance 25 cm
- not suitable for installation in humid areas and damp locations
- cable outlet available on left or right side (please specify)

Rail colours

white	black-brown
silver	anthracite
brass	

Motorisation and control

Motor data

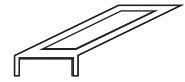
Voltage 24 V, current 1A, including integrated limit stop.

Attention

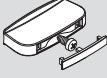



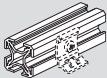
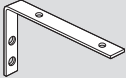
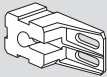

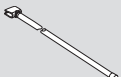
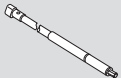
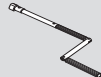

Please use, due to the the integrated limit stop, only the original control parts. Third party products may cause damage.

For information about controlling the blinds please refer to section **Accessories for motorised blinds starting on page 8.1** or the **Electric-Planning Documents**.

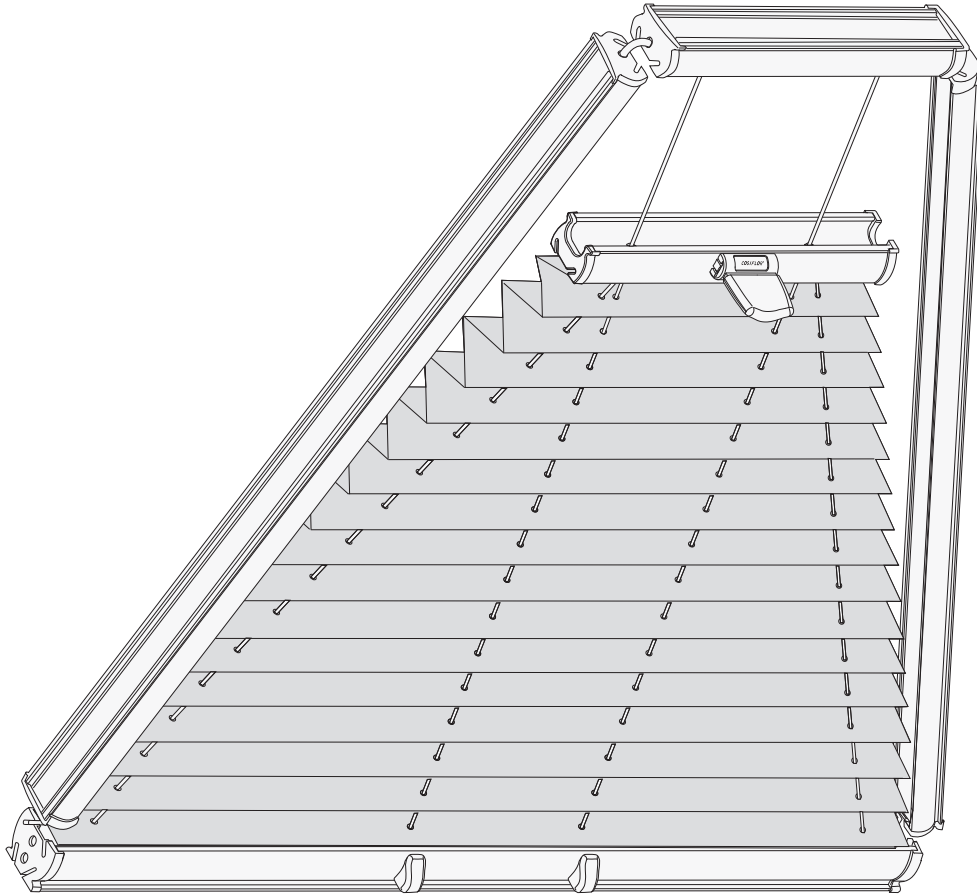
4 Roof blinds for rectangular windows



Optional accessories PL 11, PLK 13, PLE 12

	Art.-Nr.	Article
	3001 01	operating handle (optionally), not for operating rod white
	3001 03	grey
	3001 06	black
	2201 01	bracket, short white
	2201 03	grey
	2201 06	black
	2202 01	bracket, long white
	2202 03	grey
	2202 06	black
	2299 01	cover for bracket (not for PLK and PLE in combination with bracket, short 2201 ..) white
	2299 03	grey
	2299 06	black
	1003 01	mounting profile white
	1003 02	silber
	1003 05	black-brown
	1003 07	messing
	2217 01	holder for mounting profile white
	2217 02	silber
	2217 06	black
	2218 01	bracket for mounting profile white
	2218 03	grey
	2218 06	black
	2219 99	pin for bracket mounting profile silber
	3345 03	operating rod (only in combination with operating handle) 125cm
	3346 03	150cm
	3347 03	200cm
	3348 03	250cm
	3365 03	operating rod for electric crank (without battery motor) 125cm
	3366 03	150cm
	3367 03	200cm
	3368 03	250cm
		<u>requirements for battery motor:</u> • receptacle for 6 mm hexagon • min. 1,3 Ah • 3 – 4 Nm • 3,6V
	3385 03	manual crank 125cm
	3386 03	150cm
	3387 03	200cm
	3388 03	250cm
	2924 03	clamp for operating rod / crank grey

5 Roof blinds for special shaped windows (glazed roofs & conservatories)



1 vertical blinds rectangular

2 vertical blinds special shapes

3 roof blinds DFC and DF

4 roof blinds special shapes

5 roof blinds special shapes

6 triangular and arched blinds

7 measurements

8 accessories motorised

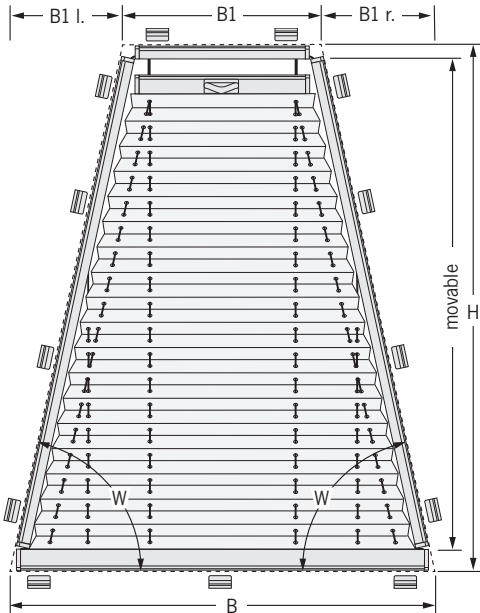
9 accessories

10 material properties

5 Roof blinds for special shaped windows



PL 30 Trapezium



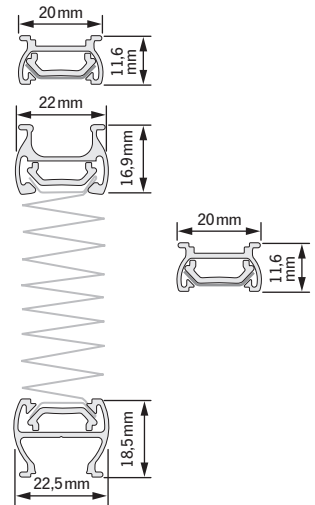
Size ranges pleated

width (B)	min.	30 cm
	max.	150 cm
short width (B1)	min. ¹	7 cm
	max.	140 cm
overhang (B1 l./r.)	min.	5 cm
	max.	120 cm
height (H)	min.	30 cm
	max.	200 cm
angle (W)	min.	15°
	max.	70°

¹ with loop cord min. 8 cm

Package heights

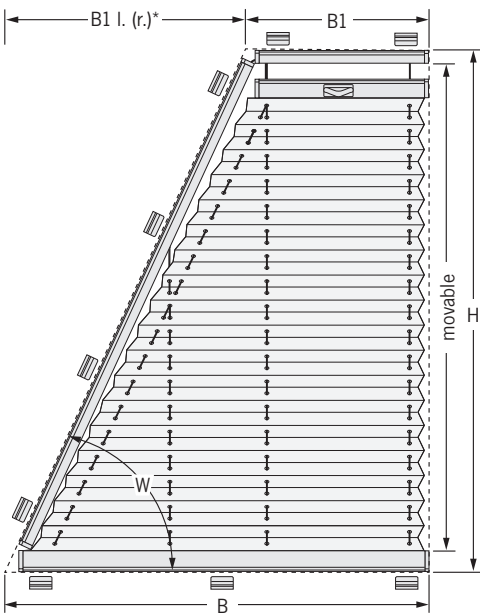
blind height	package height
50 cm	ca. 6 cm
100 cm	ca. 7 cm
150 cm	ca. 8 cm
200 cm	ca. 9 cm



Notes

- B1 + B1 l. + B1 r. always add up to the width B
- fixed tension wires, UV-resistant and of black coated steel wire, max. distance 25 cm
- optionally with operating rod (surcharge)
- horizontal or slope fitting possible
- also possible if asymmetrically

PL 31 Trapezium



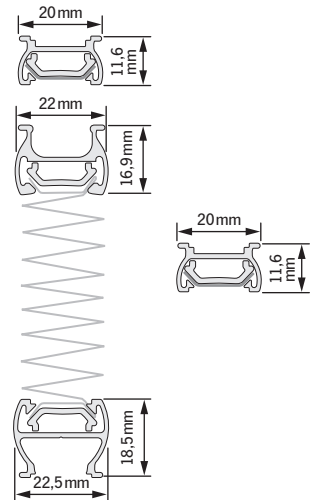
Size ranges pleated

width (B)	min.	30 cm
	max.	150 cm
short width (B1)	min. ¹	7 cm
	max.	145 cm
overhang (B1 l./r.)	min.	5 cm
	max.	120 cm
height (H)	min.	30 cm
	max.	200 cm
angle (W)	min.	15°
	max.	80°

¹ with loop cord min. 8 cm

Package heights

blind height	package height
50 cm	ca. 6 cm
100 cm	ca. 7 cm
150 cm	ca. 8 cm
200 cm	ca. 9 cm



Notes

- * the slope may be either left or right
- B1 + B1 l. (r.)* always add up to the width B
- fixed tension wires, UV-resistant and of black coated steel wire, max. distance 25 cm
- optionally with operating rod (surcharge)
- horizontal or slope fitting possible

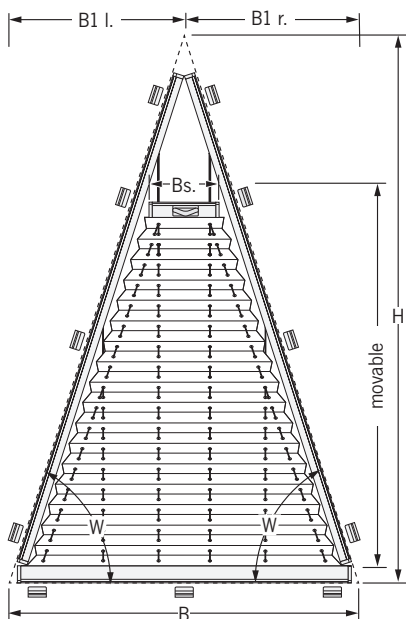
Rail colours

	white		black-brown
	silver		anthracite
	brass		

5 Roof blinds for special shaped windows



PL 32 D Triangle



Notes

- B1 l. + B1 r. always add up to the width B
- fixed tension wires, UV-resistant and of black coated steel wire, max. distance 25 cm
- optionally with operating rod (surcharge)
- horizontal or slope fitting possible
- also possible if asymmetrically

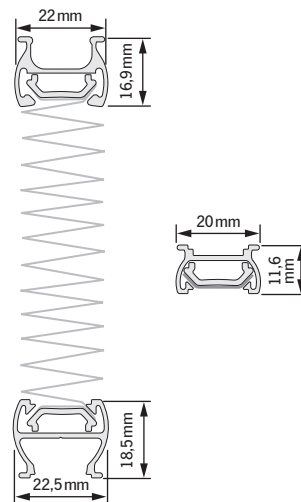
Size ranges pleated

width (B)	min.	30 cm
	max.	150 cm
width of head rail (Bs.) ¹		7 cm
overhang (B1 l./r.)	min.	10 cm
	max.	120 cm
height (H)	min.	30 cm
	max.	200 cm
angle (W)	min.	15°
	max.	70°

¹ with loop cord min. 8 cm

Package heights

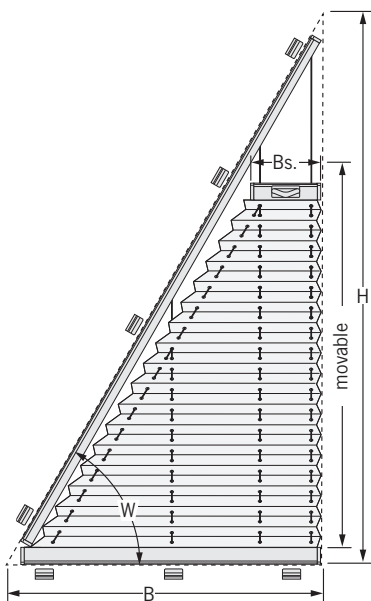
blind height	package height
50 cm	ca. 6 cm
100 cm	ca. 7 cm
150 cm	ca. 8 cm
200 cm	ca. 9 cm



Rail colours

	white		black-brown
	silver		anthracite
	brass		

PL 33 D Triangle



Notes

- the slope may be either left or right
- fixed tension wires, UV-resistant and of black coated steel wire, max. distance 25 cm
- optionally with operating rod (surcharge)
- horizontal or slope fitting possible

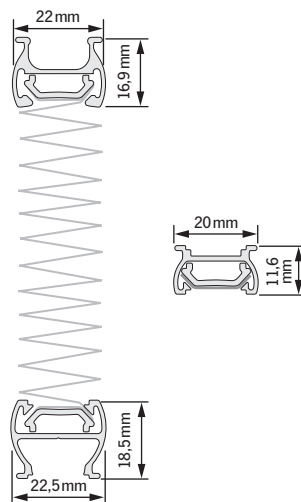
Size ranges pleated

width (B)	min.	30 cm
	max.	120 cm
width of head rail (Bs.) ¹		7 cm
height (H)	min.	30 cm
	max.	200 cm
angle (W)	min.	15°
	max.	80°

¹ with loop cord min. 8 cm

Package heights

blind height	package height
50 cm	ca. 6 cm
100 cm	ca. 7 cm
150 cm	ca. 8 cm
200 cm	ca. 9 cm



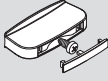



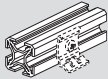
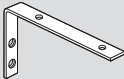
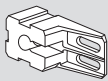

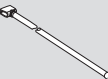

Rail colours

	white		black-brown
	silver		anthracite
	brass		

5 Roof blinds for special shaped windows



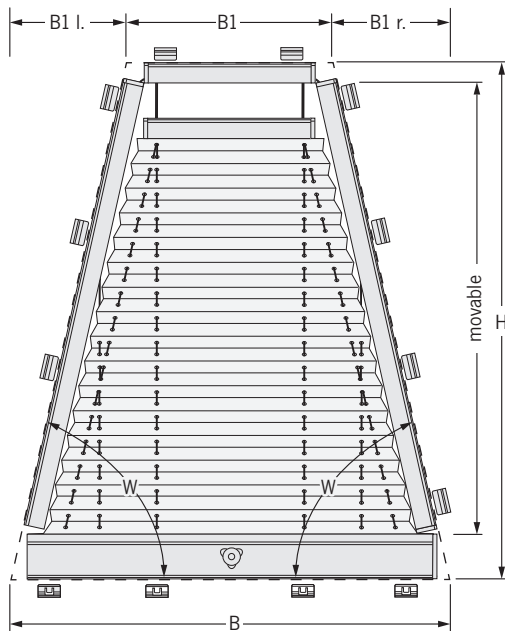
Optional accessories PL 30, PL 31, PL 32 D, PL 33 D

	Art.-Nr.	Article
	3001 01	operating handle (optionally), not for operating rod white
	3001 03	grey
	3001 06	black
	2201 01	bracket, short white
	2201 03	grey
	2201 06	black
	2202 01	bracket, long white
	2202 03	grey
	2202 06	black
	2299 01	cover for bracket white
	2299 03	grey
	2299 06	black
	1003 01	mounting profile white
	1003 02	silber
	1003 05	black-brown
	1003 07	messing
	2217 01	holder for mounting profile white
	2217 02	silber
	2217 06	black
	2218 01	bracket for mounting profile white
	2218 03	grey
	2218 06	black
	2219 99	pin for bracket mounting profile silber
	3345 03	operating rod (only in combination with operating handle) 125cm
	3346 03	150cm
	3347 03	200cm
	3348 03	250cm
	2924 03	clamp for operating rod / crank grey

5 Roof blinds for special shaped windows



PLK 30 with crank operation, PLE 30 motorised

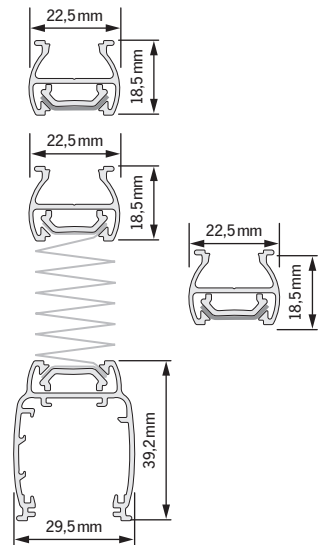


Size ranges pleated

width (B)	min. 40 cm	max. 150 cm
short width (B1)	min. 14 cm	max. 140 cm
overhang (B1 l./r.)	min. 5 cm	max. 120 cm
height (H)	min. 30 cm	max. 200 cm
angle (W)	min. 15°	max. 70°

Package heights

blind height	package height
50 cm	ca. 8 cm
100 cm	ca. 9 cm
150 cm	ca. 10 cm
200 cm	ca. 11 cm



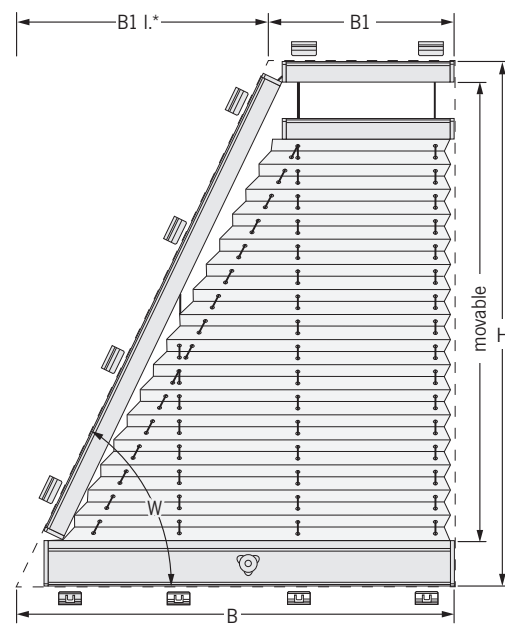
Notes

- B1 + B1 l. + B1 r. always add up to the width B
- fixed tension wires, UV-resistant and of black coated steel wire
- horizontal or slope fitting possible
- also possible if asymmetrically
- **PLK**: with manual crank (surcharge)
- **PLK**: operation available left, centre (fig.) or right (please specify)
- **PLE**: cable outlet available on left or right side (please specify)
- not suitable for installation in humid areas and damp locations

Rail colours

- white
- black-brown
- silver
- anthracite
- brass

PLK 31 with crank operation, PLE 31 motorised

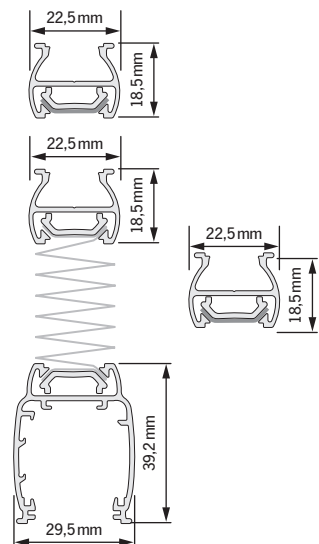


Size ranges pleated

width (B)	min. 40 cm	max. 150 cm
short width (B1)	min. 14 cm	max. 145 cm
overhang (B1 l./r.)	min. 5 cm	max. 120 cm
height (H)	min. 30 cm	max. 200 cm
angle (W)	min. 15°	max. 80°

Package heights

blind height	package height
50 cm	ca. 8 cm
100 cm	ca. 9 cm
150 cm	ca. 10 cm
200 cm	ca. 11 cm



Notes

- * the slope may be either left or right
- B1 + B1 l. (r.) always add up to the width B
- fixed tension wires, UV-resistant and of black coated steel wire,
- horizontal or slope fitting possible
- also possible if asymmetrically
- **PLK**: with manual crank (surcharge)
- **PLK**: operation available left, centre (fig.) or right (please specify)
- **PLE**: cable outlet available on left or right side (please specify)
- not suitable for installation in humid areas and damp locations

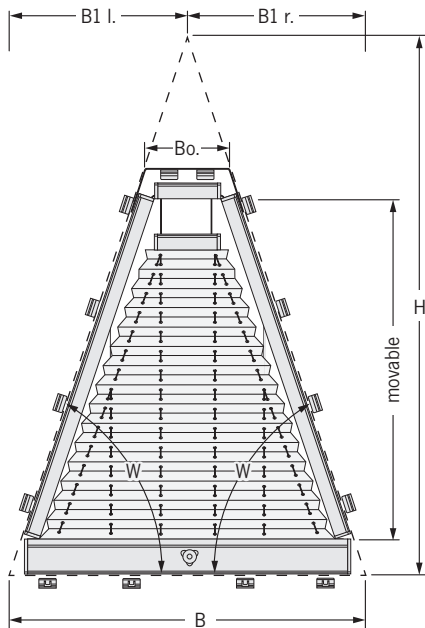
Rail colours

- white
- black-brown
- silver
- anthracite
- brass

5 Roof blinds for special shaped windows



PLK 32 with crank operation, PLE 32 motorised

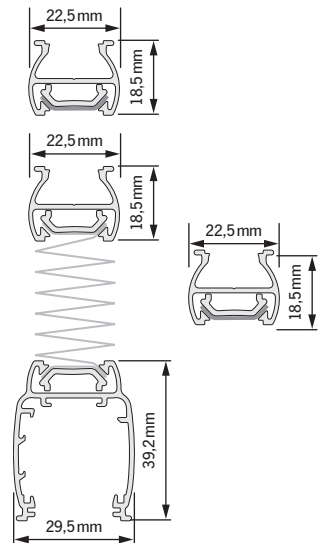


Size ranges pleated

width (B)	min. 40 cm
	max. 150 cm
top width of blind (Bo.)	14 cm
overhang (B1 l./r.)	min. 10 cm
	max. 120 cm
height (H)	min. 30 cm
	max. 200 cm
angle (W)	min. 15°
	max. 70°

Package heights

blind height	package height
50 cm	ca. 8 cm
100 cm	ca. 9 cm
150 cm	ca. 10 cm
200 cm	ca. 11 cm



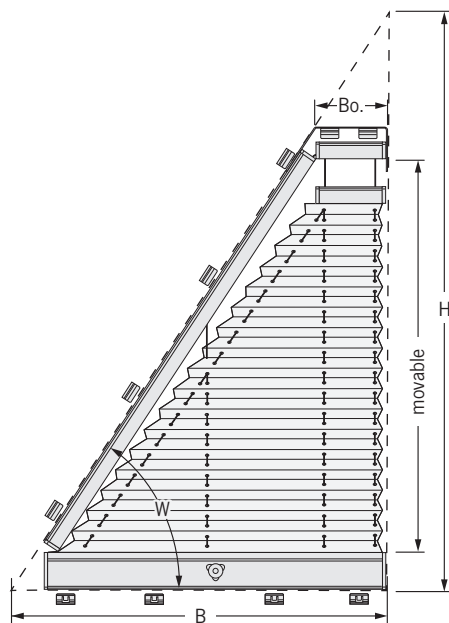
Notes

- B1 l. + B1 r. always add up to the width B
- fixed tension wires, UV-resistant and of black coated steel wire
- horizontal or slope fitting possible
- also possible if asymmetrically
- **PLK**: with manual crank (surcharge)
- **PLK**: operation available left, centre (fig.) or right (please specify)
- **PLE**: cable outlet available on left or right side (please specify)
- not suitable for installation in humid areas and damp locations

Rail colours

- white
- black-brown
- silver
- anthracite
- brass

PLK 33 with crank operation, PLE 33 motorised

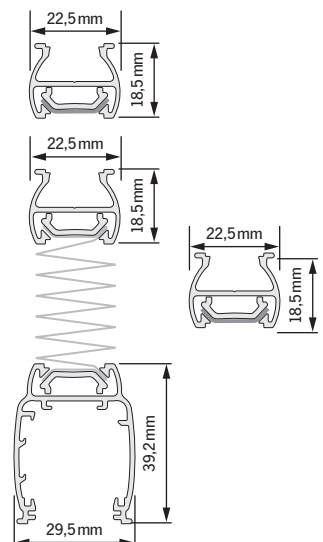


Size ranges pleated

width (B)	min. 40 cm
	max. 120 cm
top width of blind (Bo.)	14 cm
height (H)	min. 30 cm
	max. 200 cm
angle (W)	min. 15°
	max. 80°

Package heights

blind height	package height
50 cm	ca. 8 cm
100 cm	ca. 9 cm
150 cm	ca. 10 cm
200 cm	ca. 11 cm



Notes

- the slope may be either left or right
- fixed tension wires, UV-resistant and of black coated steel wire
- horizontal or slope fitting possible
- **PLK**: with manual crank (surcharge)
- **PLK**: operation available left, centre (fig.) or right (please specify)
- **PLE**: cable outlet available on left or right side (please specify)
- not suitable for installation in humid areas and damp locations

Rail colours

- white
- black-brown
- silver
- anthracite
- brass

5 Roof blinds for special shaped windows



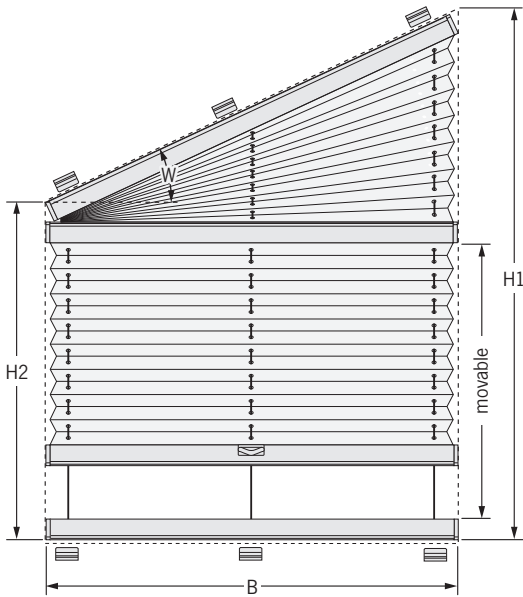
Optional accessories PLK 30, PLK 31, PLK 32, PLK 33, PLE 30, PLE 31, PLE 32, PLE 33

	Art.-Nr.	Article
	2201 01	bracket, short white
	2201 03	grey
	2201 06	black
	2202 01	bracket, long white
	2202 03	grey
	2202 06	black
	2299 01	cover for bracket (not for PLK and PLE in combination with bracket, short 2201 ..)
	2299 03	white
	2299 06	grey black
	1003 01	mounting profile white
	1003 02	silber
	1003 05	black-brown
	1003 07	messaging
	2217 01	holder for mounting profile white
	2217 02	silber
	2217 06	black
	2218 01	bracket for mounting profile white
	2218 03	grey
	2218 06	black
	2219 99	pin for bracket mounting profile silber
	3365 03	operating rod for electric crank (without battery motor) 125cm
	3366 03	150cm
	3367 03	200cm
	3368 03	250cm
		<u>requirements for battery motor:</u> <ul style="list-style-type: none"> • receptacle for 6 mm hexagon • min. 1,3Ah • 3 – 4 Nm • 3,6V
	3385 03	manual crank 125cm
	3386 03	150cm
	3387 03	200cm
	3388 03	250cm
	2924 03	clamp for operating rod / crank grey

5 Roof blinds for special shaped windows



PL 40 Slope



Notes

- fixed tension wires, UV-resistant and of black coated steel wire, max. distance 25 cm
- horizontal or slope fitting possible
- optionally with operating rod (surcharge)

Size ranges pleated

width (B)	min.	30 cm
up to 45°	max.	150 cm
up to 60°	max.	110 cm
slope width	max. ¹	230 cm
height 1 (H 1)	min.	30 cm
	max.	400 cm
height 2 (H 2)	min.	10 cm
	max.	200 cm
angle (W)	min.	5°
	max.	60°

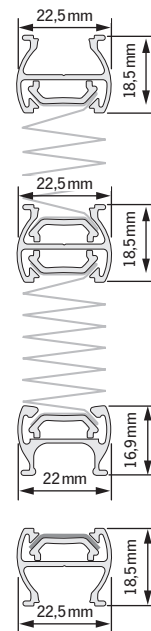
¹ depending on fabric width

Package heights

blind height	package height
50 cm	ca. 6 cm
100 cm	ca. 7 cm
150 cm	ca. 8 cm
200 cm	ca. 9 cm
250 cm	ca. 10 cm
300 cm	ca. 11 cm
350 cm	ca. 12 cm
400 cm	ca. 13 cm

Rail colours

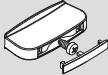



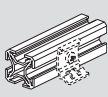
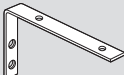
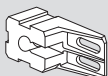

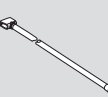

- | | |
|---------------------------------|--------------------------------------|
| <input type="checkbox"/> white | <input type="checkbox"/> black-brown |
| <input type="checkbox"/> silver | <input type="checkbox"/> anthracite |
| <input type="checkbox"/> brass | |



5 Roof blinds for special shaped windows



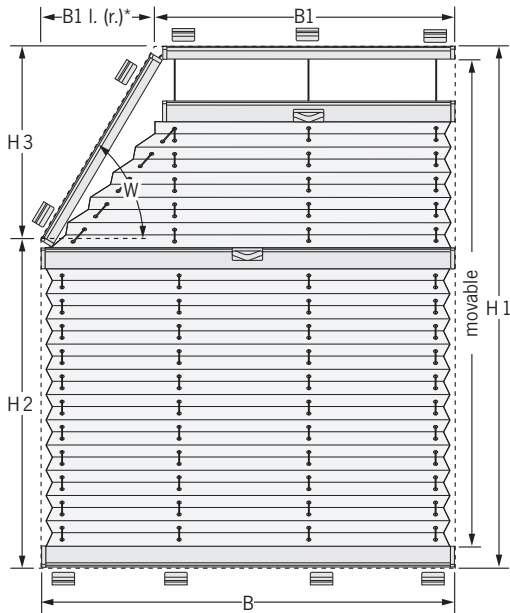
Optional accessories PL 40

	Art.-Nr.	Article
	3001 01	operating handle (optionally), not for operating rod white
	3001 03	grey
	3001 06	black
	2201 01	bracket, short white
	2201 03	grey
	2201 06	black
	2202 01	bracket, long white
	2202 03	grey
	2202 06	black
	2299 01	cover for bracket white
	2299 03	grey
	2299 06	black
	1003 01	mounting profile white
	1003 02	silber
	1003 05	black-brown
	1003 07	messaging
	2217 01	holder for mounting profile white
	2217 02	silber
	2217 06	black
	2218 01	bracket for mounting profile white
	2218 03	grey
	2218 06	black
	2219 99	pin for bracket mounting profile silber
	3345 03	operating rod (only in combination with operating handle) 125cm
	3346 03	150cm
	3347 03	200cm
	3348 03	250cm
	2924 03	clamp for operating rod / crank grey

5 Roof blinds for special shaped windows



PL 41 Pentagon



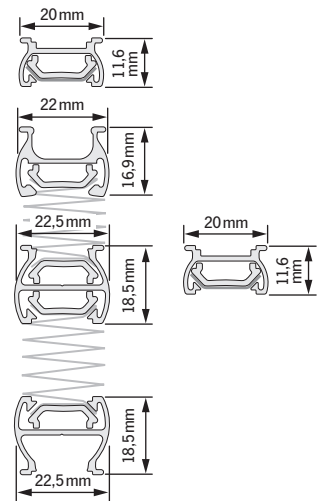
Size ranges pleated

width (B)	min.	30 cm
	max.	150 cm
short width (B1)	min. ¹	7 cm
	max.	145 cm
overhang (B1 l./r.)	min.	5 cm
	max.	120 cm
height 1 (H1)	min.	30 cm
	max.	400 cm
height 2 (H2)	min.	10 cm
height 3 (H3)	max.	200 cm
angle (W)	min.	15°
	max.	80°

¹ with loop cord min. 8 cm

Package heights

blind height	package height
50 cm	ca. 8 cm
100 cm	ca. 9 cm
150 cm	ca. 10 cm
200 cm	ca. 11 cm



Notes

- * the slope may be either left or right
- B1 + B1 l. (r.) always add up to the width B
- fixed tension wires, UV-resistant and of black coated steel wire, max. distance 25 cm
- optionally with operating rod (surcharge)
- horizontal or slope fitting possible

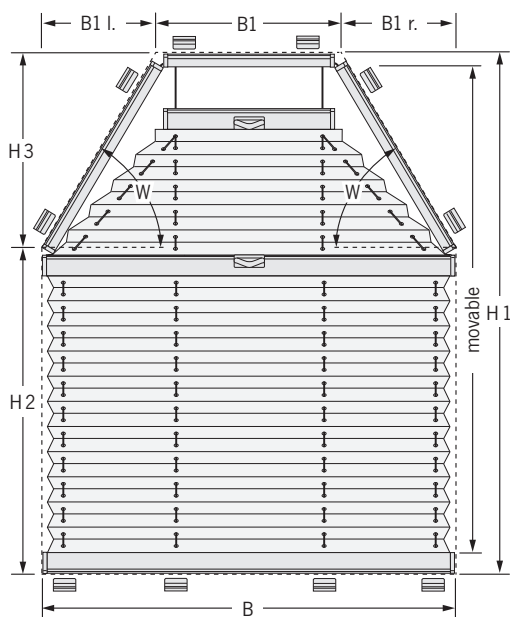
Rail colours

<input type="checkbox"/> white	<input type="checkbox"/> black-brown
<input type="checkbox"/> silver	<input type="checkbox"/> anthracite
<input type="checkbox"/> brass	

5 Roof blinds for special shaped windows



PL 42 Hexagon



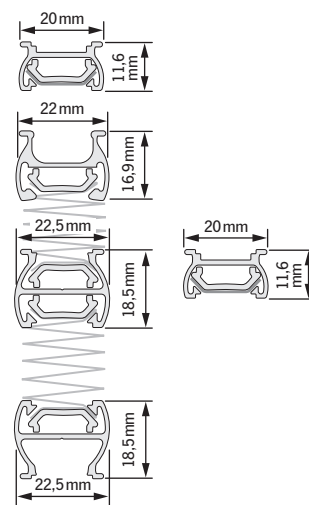
Size ranges pleated

width (B)	min.	30 cm
	max.	150 cm
short width (B1)	min. ¹	7 cm
	max.	140 cm
overhang (B1 l./r.)	min.	5 cm
	max.	120 cm
height 1 (H 1)	min.	30 cm
	max.	400 cm
height 2 (H 2)	min.	10 cm
height 3 (H 3)	max.	200 cm
angle (W)	min.	15°
	max.	70°

¹ with loop cord min. 8 cm

Package heights

blind height	package height
50 cm	ca. 8 cm
100 cm	ca. 9 cm
150 cm	ca. 10 cm
200 cm	ca. 11 cm



Notes

- B1 + B1 l. + B1 r. always add up to the width B
- fixed tension wires, UV-resistant and of black coated steel wire, max. distance 25 cm
- optionally with operating rod (surcharge)
- horizontal or slope fitting possible
- also possible if asymmetrically

Rail colours

<input type="checkbox"/> white	<input type="checkbox"/> black-brown
<input type="checkbox"/> silver	<input type="checkbox"/> anthracite
<input type="checkbox"/> brass	

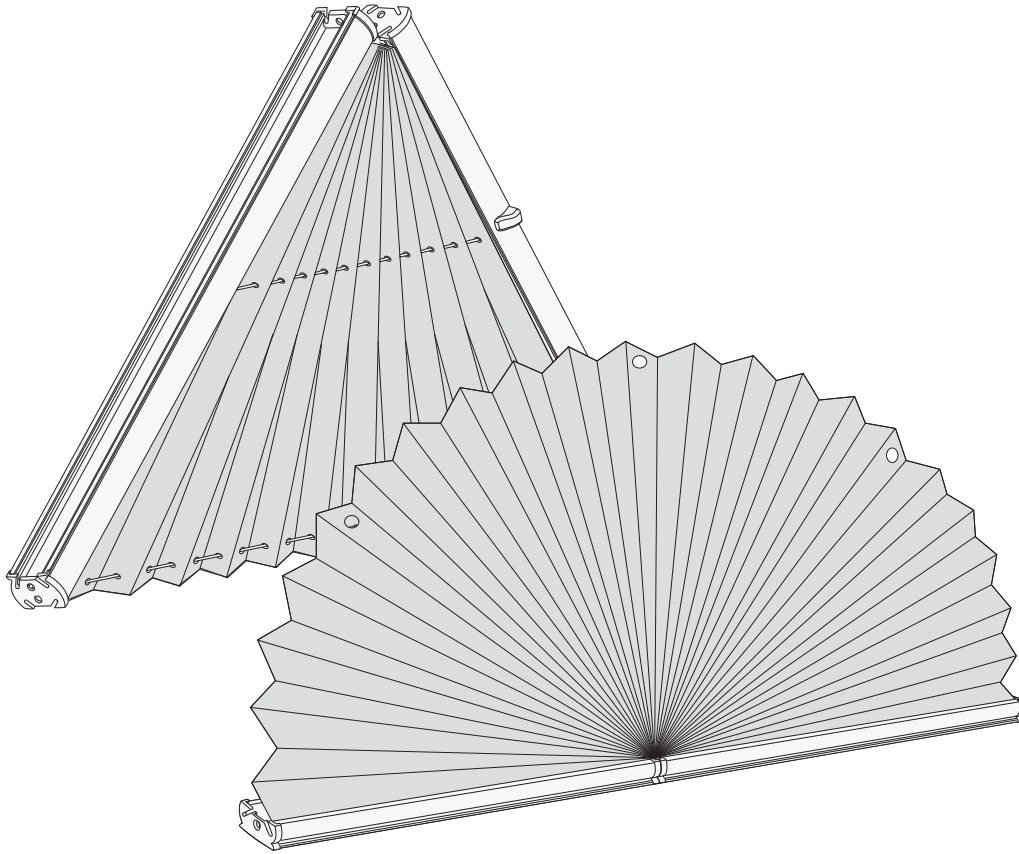
5 Roof blinds for special shaped windows



Price optional accessories PL 41, PL 42

	Art.-Nr.	Article
	3001 01	operating handle (optionally), not for operating rod white
	3001 03	grey
	3001 06	black
	2201 01	bracket, short white
	2201 03	grey
	2201 06	black
	2202 01	bracket, long white
	2202 03	grey
	2202 06	black
	2299 01	cover for bracket white
	2299 03	grey
	2299 06	black
	1003 01	mounting profile white
	1003 02	silber
	1003 05	black-brown
	1003 07	messaging
	2217 01	holder for mounting profile white
	2217 02	silber
	2217 06	black
	2218 01	bracket for mounting profile white
	2218 03	grey
	2218 06	black
	2219 99	pin for bracket mounting profile silber
	3345 03	operating rod (only in combination with operating handle) 125cm
	3346 03	150cm
	3347 03	200cm
	3348 03	250cm
	2924 03	clamp for operating rod / crank grey

6 Pre-tensioned blinds, fixed and movable for triangular and arched windows



1 vertical blinds rectangular

2 vertical blinds special shapes

3 roof blinds DFC and DF

4 roof blinds special shapes

5 roof blinds special shapes

6 triangular and arched blinds

7 measurements

8 accessories motorised

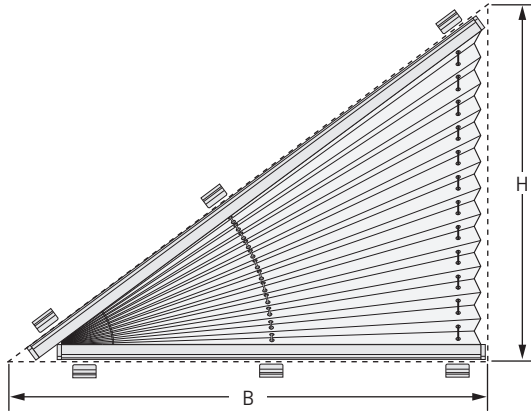
9 accessories

10 material properties

6 Triangular and arched blinds



SD 2 Triangle fixed



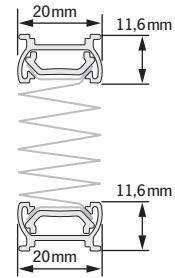
Size ranges pleated

width (B)	min.	20 cm
	max. ¹	160 cm
height (H)	min.	20 cm
	max.	160 cm

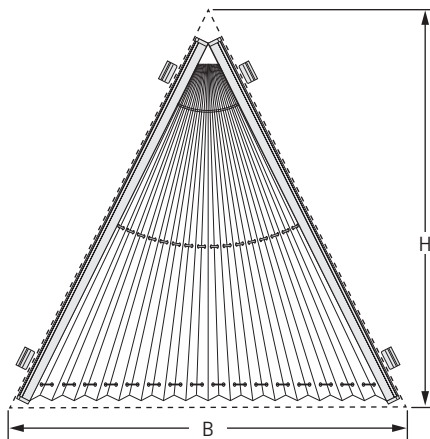
¹ depending on fabric width

Rail colours

<input type="checkbox"/> white	<input type="checkbox"/> black-brown
<input type="checkbox"/> silver	<input type="checkbox"/> anthracite
<input type="checkbox"/> brass	



SD 3 Triangle fixed



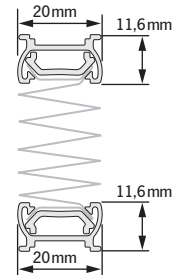
Size ranges pleated

width (B)	min.	20 cm
	max.	200 cm
slope width	max. ¹	230 cm
height (H)	min.	20 cm
	max.	200 cm

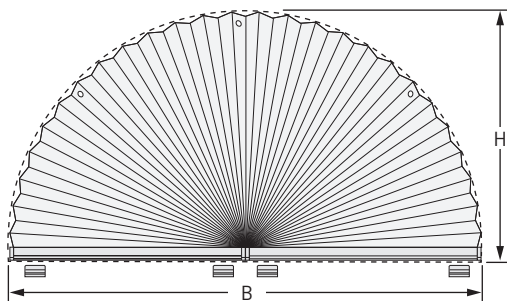
¹ depending on fabric width

Rail colours

<input type="checkbox"/> white	<input type="checkbox"/> black-brown
<input type="checkbox"/> silver	<input type="checkbox"/> anthracite
<input type="checkbox"/> brass	



SR 1 Semi-circle fixed



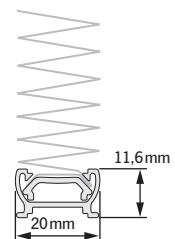
Size ranges pleated

width (B)	min.	30 cm
	max. ¹	150 cm
height (H)	min.	15 cm
	max.	75 cm

¹ depending on fabric width

Rail colours

<input type="checkbox"/> white	<input type="checkbox"/> black-brown
<input type="checkbox"/> silver	<input type="checkbox"/> anthracite
<input type="checkbox"/> brass	



For the arched blind SR 1 S, semi-circle movable, please continue to page 6.5.

6 Triangular and arched blinds



1 vertical blinds rectangular

2 vertical blinds special shapes

3 roof blinds DFC and DF

4 roof blinds special shapes

5 roof blinds special shapes

6 triangular and arched blinds

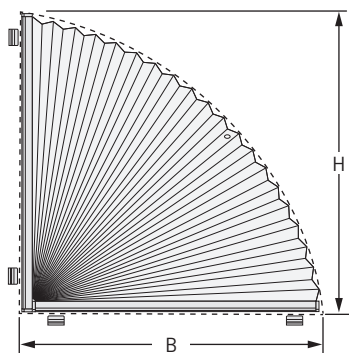
7 measurements

8 accessories motorised

9 accessories

10 material properties

SR 2 Quarter-circle fixed

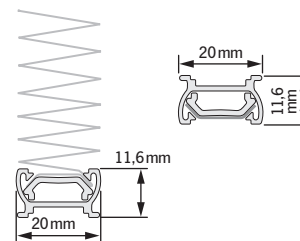


Size ranges pleated

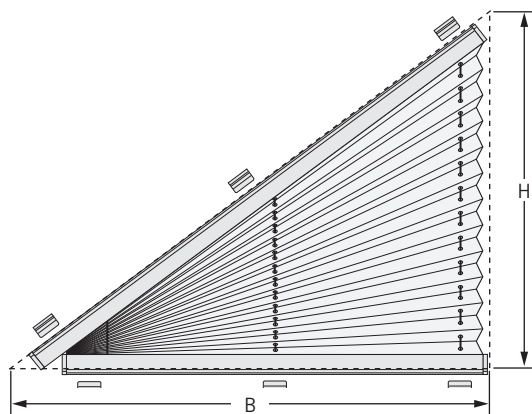
width (B)	min.	15 cm
	max.	100 cm
height (H)	min.	15 cm
	max.	100 cm

Rail colours

<input type="checkbox"/> white	<input type="checkbox"/> black-brown
<input type="checkbox"/> silver	<input type="checkbox"/> anthracite
<input type="checkbox"/> brass	



SDP 2 Triangle fixed, for roof areas



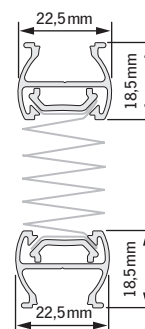
Size ranges pleated

width (B)	min.	20 cm
	max. ¹	160 cm
height (H)	min.	20 cm
	max.	160 cm

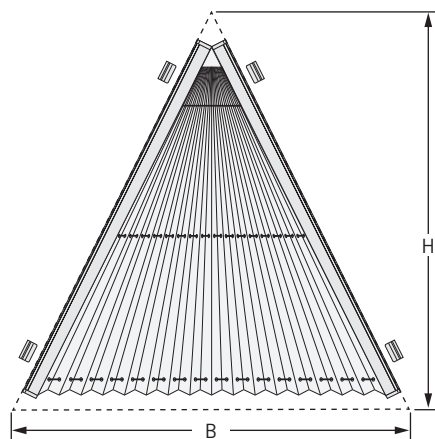
¹ depending on fabric width

Rail colours

<input type="checkbox"/> white	<input type="checkbox"/> black-brown
<input type="checkbox"/> silver	<input type="checkbox"/> anthracite
<input type="checkbox"/> brass	



SDP 3 Triangle fixed, for roof areas



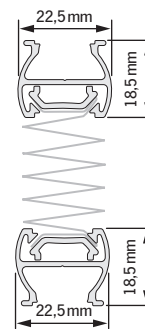
Size ranges pleated

width (B)	min.	20 cm
	max.	200 cm
slope width	max. ¹	230 cm
height (H)	min.	20 cm
	max.	200 cm

¹ depending on fabric width

Rail colours




<input type="checkbox"/> white	<input type="checkbox"/> black-brown
<input type="checkbox"/> silver	<input type="checkbox"/> anthracite
<input type="checkbox"/> brass	



6 Triangular and arched blinds



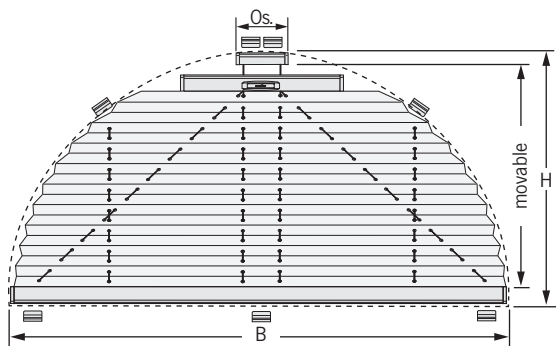
Optional accessories SD 2, SD 3, SDP 2, SDP 3, SR 1, SR 2

	Art.-Nr.	Article
	2201 01	bracket, short white
	2201 03	grey
	2201 06	black
	2299 01	cover for bracket white
	2299 03	grey
	2299 06	black
	2202 01	bracket, long white
	2202 03	grey
	2202 06	black

6 Triangular and arched blinds



SR 1 S Semi-circle movable



Notes

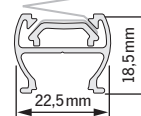
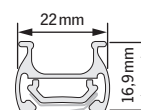
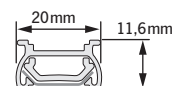
- Due to the rounding and the diagonal cord guidance, the ends of the hanging slightly bulge upwards when the blind is closed. This is due to technical factors and no reason for complaint.
- fixed tension cords

Size ranges pleated

width (B)	min.	30 cm
	max.	150 cm
head rail width (Os.)		ca. 8 cm
height (H)	min.	30 cm
	max.	150 cm

Package heights








blind height	package height
50 cm	ca. 5 cm
100 cm	ca. 6 cm
150 cm	ca. 7 cm



Rail colours

<input type="checkbox"/> white	<input type="checkbox"/> black-brown
<input type="checkbox"/> silver	<input type="checkbox"/> anthracite
<input type="checkbox"/> brass	

Price optional accessories SR 1 S

Art.-Nr.	Article
 2201 01	bracket, short
2201 03	white
2201 06	grey
	black
 2299 01	cover for bracket
2299 03	white
2299 06	grey
	black
 2202 01	bracket, long
2202 03	white
2202 06	grey
	black
 3101 01	design handle
3101 02	white
3101 06	silvergrey
	black
 3002 01	operating handle for operating rod
3002 03	white
3002 06	grey
	black
 3305 03	operating rod with joint (only in combination with operating handle 3002 ..)
3306 03	125cm
3307 03	150cm
3308 03	200cm
	250cm
 2924 03	clamp for operating rod / crank
	grey

1 vertical blinds
rectangular

2 vertical blinds
special shapes

3 roof blinds
DFC and DF

4 roof blinds
special shapes

5 roof blinds
special shapes

6 triangular and
arched blinds

7 measurements

8 accessories
motorised

9 accessories

10 material
properties



1 vertical blinds rectangular

2 vertical blinds special shapes

3 roof blinds DFC and DF

4 roof blinds special shapes

5 roof blinds special shapes

6 triangular and arched blinds

7 measurements

8 accessories motorised

9 accessories

10 material properties

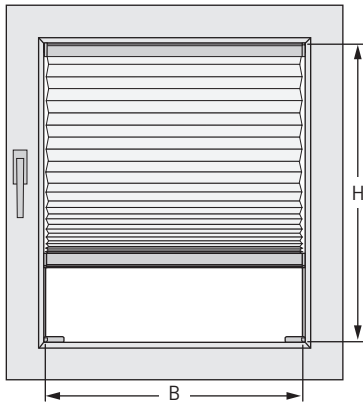
7 Measurements - pre-tensioned and freehanging blinds for vertical, rectangular windows



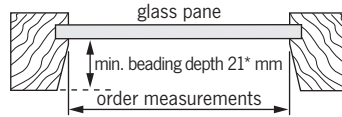
1

Fitting in the window beading

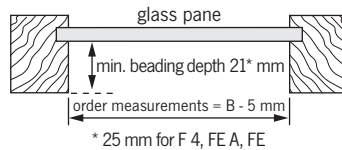
VS 1, VS 2, VS 3, VS 3 SD, F 1, F 2, F 3, F 4, FE A, FE



Window beading angled:



Window beading straight:



Measure the width B at several points in case of possible size tolerances of the window. Use the shortest measured width.

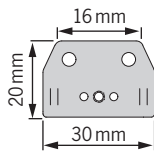
Order width = B
Order height = H

Order width = B minus 5 mm
Order height = H

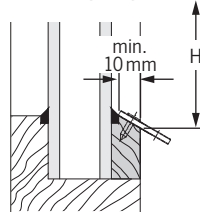
Please have a look for the possible size ranges on the model pages.

Fitting in the window beading with mounting plate (only VS 2)

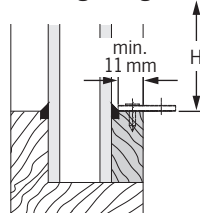
The mounting plate enables a fitting in the window beading even if it is a narrow beading.



Window beading angled:



Window beading straight:



⚠ Please note the additions/deductions in the order height depending on the glazing rebate when using the mounting plate!

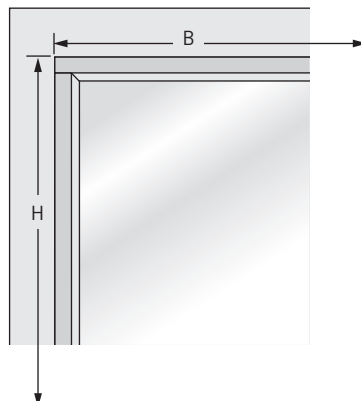
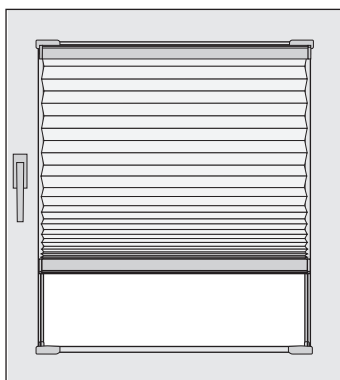
Order height = H plus 5 mm

Order height = H minus 5 mm

Please have a look for the possible size ranges on the model pages.

Fitting on the glazing bead, with beading brackets

VS 2 only

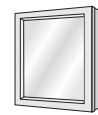


Measure the corners of the glazing bead.

Order width = B plus 5 mm
Order height = H minus 18 mm

Please have a look for the possible size ranges on the model pages.

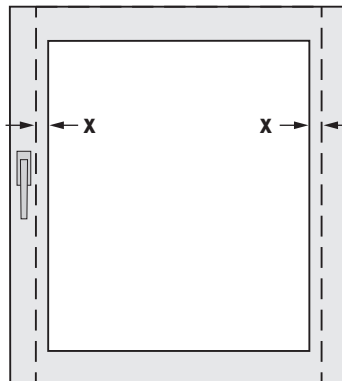
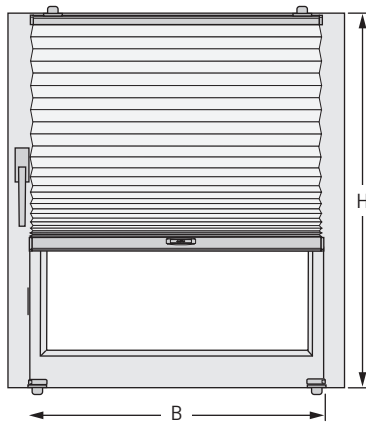
7 Measurements - pre-tensioned and freehanging blinds for vertical, rectangular windows



1

Fitting on the casement, with clamp brackets

VS 1, VS 2, VS 3, VS 3 SD, F 1, F 2, F 3, F 4, FE A, FE



X = desired overlap

⚠ Please check whether the clamp brackets can be used with regard to the mechanism of the window and distance to the window ledge (thickness casement max. 25 mm).

When measuring pay attention to protruding window furniture.

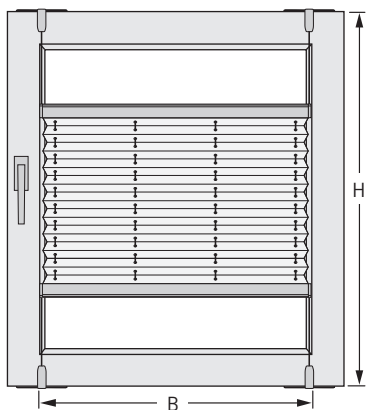
Order width = B plus the desired overlap (X)

Order height = F with guide wires and all VS:
= H minus 10 mm
= F without guide wires
= H minus 5 mm

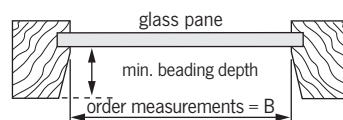
Please have a look for the possible size ranges on the model pages.

Fitting on the casement, with clamp brackets slim

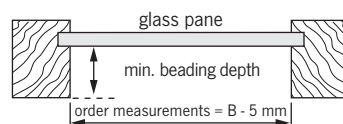
VS 2 only



Window beading angled:



Window beading straight:



⚠ Please check whether the clamp brackets can be used with regard to the mechanism of the window and distance to the window ledge (thickness casement from 7 mm to max. 25 mm).

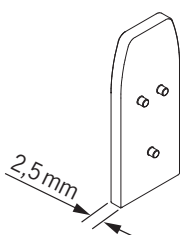
Order width = B
Order height = H minus 56 mm

Order width = B minus 5 mm
Order height = H minus 56 mm

Please have a look for the possible size ranges on the model pages.

Min. beading depth/max. strength of the casement

Min. beading depth	pleated blinds	max perm. strength of the casement
without distance piece	15,0 mm	25,0 mm
one distance piece	12,5 mm	22,5 mm
two distance piece	10,0 mm	20,0 mm



The distance piece allows even at low fold depth mounting the clamp bracket slim. Please refer to the table information about the minimum fold depth and the maximum strength of the window casement.

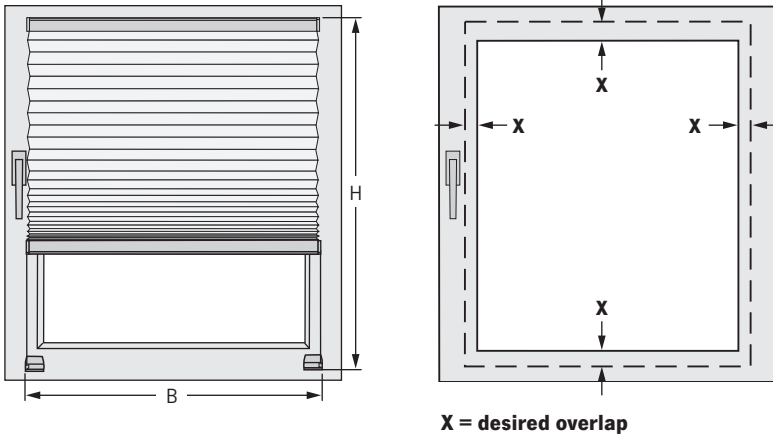
7 Measurements - pre-tensioned and freehanging blinds for vertical, rectangular windows



1

Fitting on the casement, with brackets

VS 1, VS 2, VS 3, VS 3 SD, F 1, F 2, F 3, F 4, FE A, FE



When measuring pay attention to protruding window furniture.

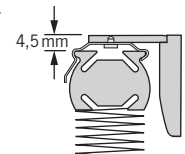
Order width = B plus the desired overlap (X)

Order height = H plus the desired overlap (X)

X = top and bottom min. 25 mm (= height from the bracket)

Notes

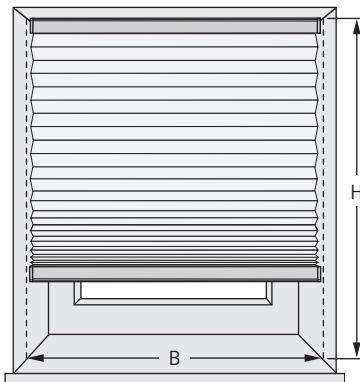
- dimension H = top edge of rail
- clip and bracket together require another 4,5 mm



Please have a look for the possible size ranges on the model pages.

Fitting inside the window recess

F 1, F 2, F 3, F 4, FE A, FE, F Touch



Measure the width B at several points in case of possible size tolerances of the window recess. Use the shortest measured width.

Order width = B minus 5 mm

Order height = H minus 5 mm

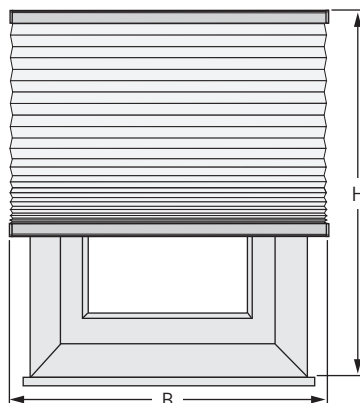
Notes

- Would you please check if it is possible to open the casement, because of the package height and the lateral cords/wires.

Please have a look for the possible size ranges on the model pages.

Fitting in front of the window recess

F 1, F 2, F 3, F 4, FE A, FE, F Touch



Measure the recess width and height plus the desired overlaps (recommendation at least 30 mm on each side; at the top if possible: overlap = package height). Please note protruding window ledges.

Order width = B plus the desired overlap

Order height = H plus the desired overlap

Please have a look for the possible size ranges on the model pages.

7 Measurements - pre-tensioned and freehanging blinds for vertical, rectangular windows



1

1 vertical blinds rectangular

2 vertical blinds special shapes

3 roof blinds DFC and DF

4 roof blinds special shapes

5 roof blinds special shapes

6 triangular and arched blinds

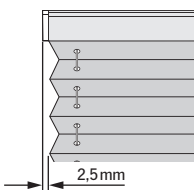
7 measurements

8 accessories motorised

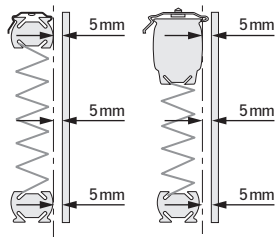
9 accessories

10 material properties

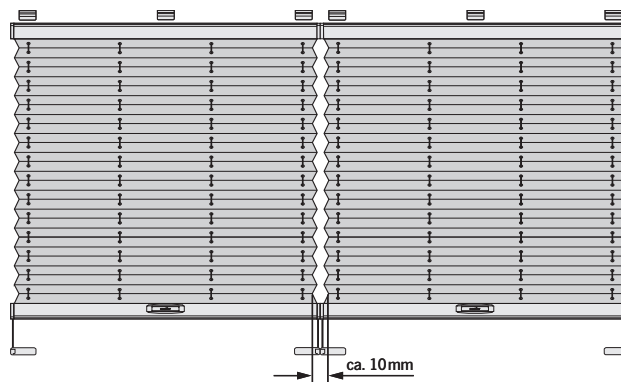
General notes



Attention!
fabric width = rail width
End caps protrude!



**Distance blind - glass pane:
at least 5 mm!**



Several blinds side by side:
Light slit (fabric gap) between the blinds approx. 10 mm.
Required rail distance is determined by the producer.



For F1, F2, F3 and F4 blinds please indicate the installation height!
Please pay attention for the child safety instructions on page i.6

7 Measurements - pre-tensioned and freehanging blinds for vertical, rectangular windows



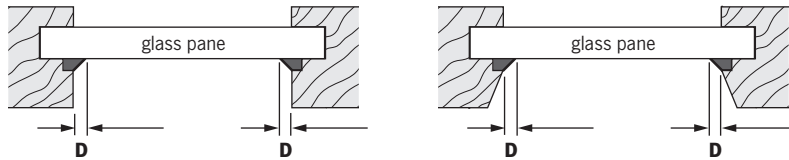
1

Fitting on the glas

VS 2 Slide Comfort, VS 2 Slide, VS 2 KL

⚠ Checking the seal width „D“

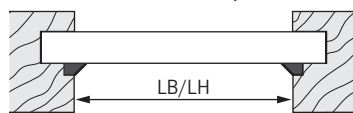
Measure the width of the seal „D“ on all four sides because of potential tolerances.



Straight beading

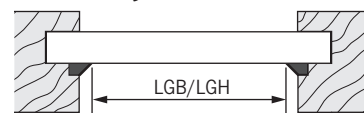
Deductions/Additions for calculating the order measurements

D less than or equal 5 mm



clear width (LB) / clear height (LH)

D larger than 5 mm



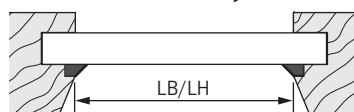
clear glass width (LGB)
clear glass height (LGH)

Model	seal width (D) 0 – 3 mm	seal width (D) 3 – 5 mm	seal width (D) larger than 5 mm
VS 2 Slide Comfort	clear width (LB) - 5 mm clear height (LH) - 2 mm	clear width (LB) - 5 mm clear height (LH) - 2 mm	clear glass width (LGB) + 6 mm clear glass height (LGH) + 14 mm
VS 2 Slide and VS2 KL	clear width (LB) - 4 mm clear height (LH) - 8 mm	clear width (LB) - 4 mm clear height (LH) - 8 mm	clear glass width (LGB) + 7 mm clear glass height (LGH) + 3 mm

Angled beading

Deductions/Additions for calculating the order measurements

D less than or equal 5 mm



clear width (LB) / clear height (LH)

D larger than 5 mm



clear glass width (LGB)
clear glass height (LGH)

Model	seal width (D) 0 – 3 mm	seal width (D) 3 – 5 mm	seal width (D) larger than 5 mm
VS 2 Slide Comfort	clear width (LB) - 5 mm clear height (LH) + 8 mm	clear width (LB) - 5 mm clear height (LH) + 4 mm	clear glass width (LGB) + 6 mm clear glass height (LGH) + 14 mm
VS 2 Slide and VS2 KL	clear width (LB) - 4 mm clear height (LH) - 8 mm	clear width (LB) - 4 mm clear height (LH) - 8 mm	clear glass width (LGB) + 7 mm clear glass height (LGH) + 3 mm

Notes

- The glass pane must be dry and free of grease, silicone and other soiling.
- Please note the safety instructions for the cleaning cloth.
- The optimum processing temperature is between 15 - 35° C (adhesive surface and surroundings).
- Air inclusions within the adhesive surface do not constitute a reason for complaint, as long as the function of the rail is not affected.
- **VS 2 Slide:** for rectangular window beadings: max. beading depth 30 mm!

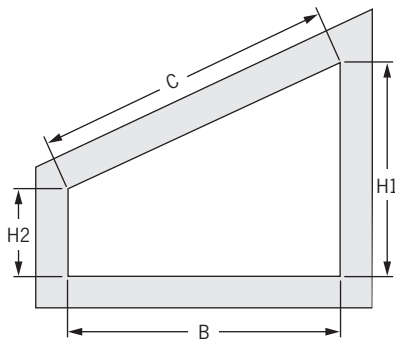
7 Measurements - Pre-tensioned and freehanging blinds for vertical, special shaped blinds



2

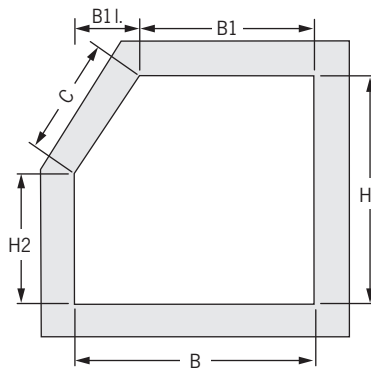
Fitting in the window beading

VS 4 Slope, VS 4 Slope S, F Slope 2



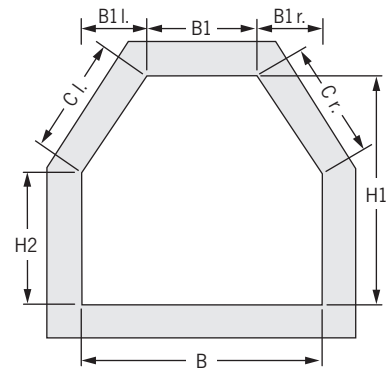
Order measurements* = B, H1 and H2

VS 5, VS 5 SD



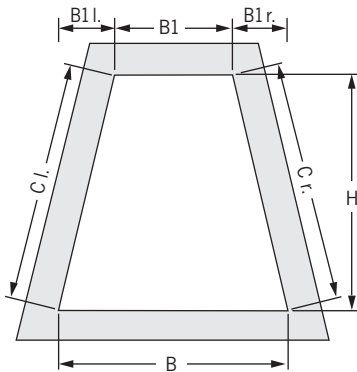
Order measurements* = B, B1, B1 l. (r.), H1 and H2

VS 6, VS 6 SD



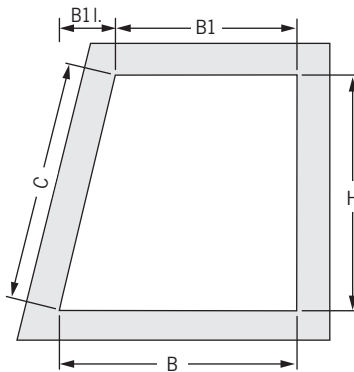
Order measurements* = B, B1, B1 l., B1 r., H1 and H2

VS 7, F 7



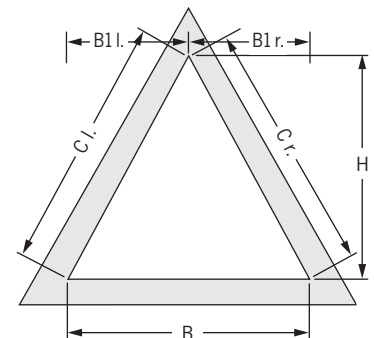
Order measurements* = B, B1, B1 l., B1 r. and H

VS 8, F 8



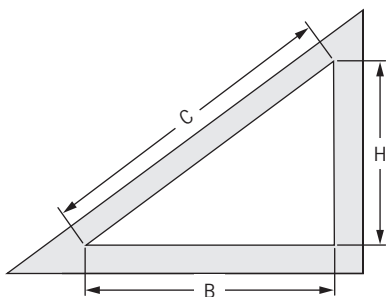
Order measurements* = B, B1, B1 l. (r.) and H

VS 9D



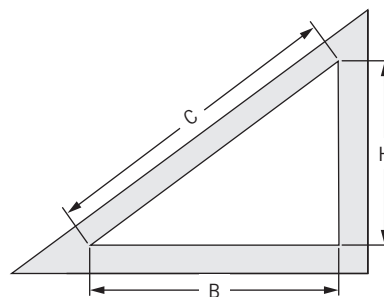
Order measurements* = B, B1 l., B1 r. and H

VS 10D



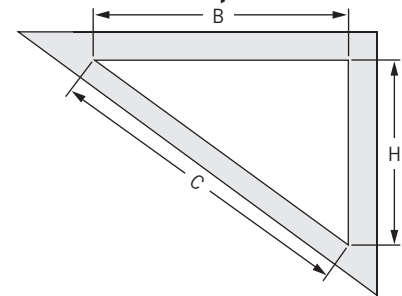
Order measurements* = B and H

FD Slope 3



Order measurements* = B and H

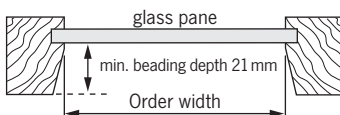
FD Slope 4



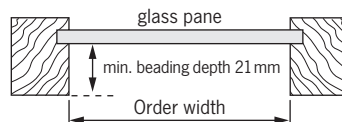
Order measurements* = B and H

Please specify if window beading is angled or straight.

Window beading angled:



Window beading straight:



*Deductions are determined by the producer.

Dimensions = clear dimensions! Measure dimension B (width) in several places for possible size tolerances of the window.

Control measure = C (C l. / C r.)

Please have a look for the possible size ranges on the model pages.

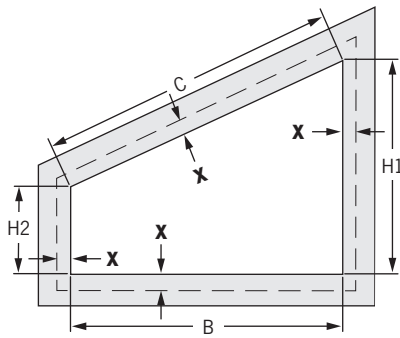
7 Measurements - Pre-tensioned and freehanging blinds for vertical, special shaped blinds



2

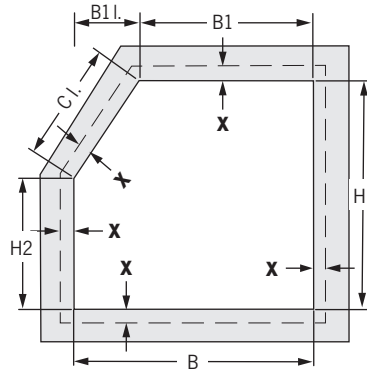
Fitting on the casement, with brackets

VS 4 Slope, VS 4 Slope S, F Slope 1, F Slope 2



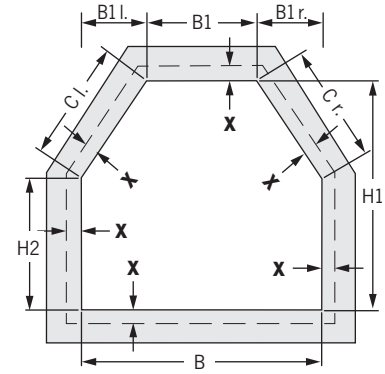
Order measurements = B, H1, H2 and X

VS 5, VS 5 SD



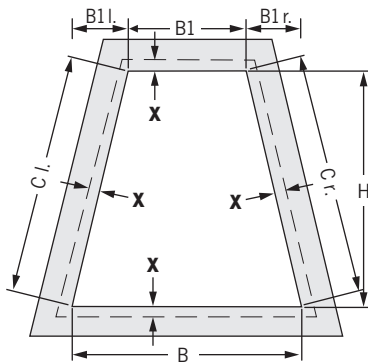
Order measurements = B, B1, B1 l.(r.), H1, H2 and X

VS 6, VS 6 SD



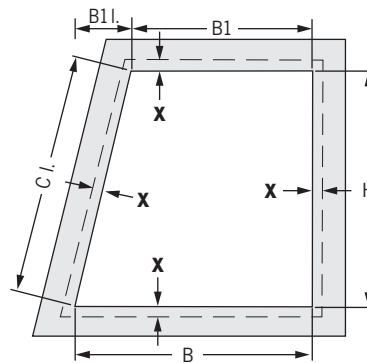
Order measurements = B, B1, B1 l., B1 r., H1, H2 and X

VS 7, F 7



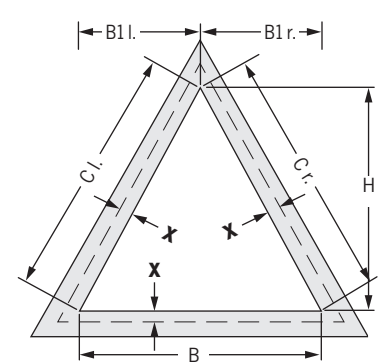
Order measurements = B, B1, B1 l., B1 r., H and X

VS 8, F 8



Order measurements = B, B1, B1 l.(r.), H and X

VS 9D



Order measurements = B, B1 l., B1 r., H and X

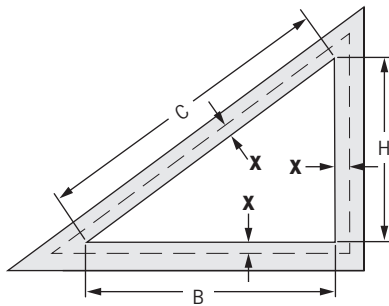
7 Measurements - Pre-tensioned and freehanging blinds for vertical, special shaped blinds



2

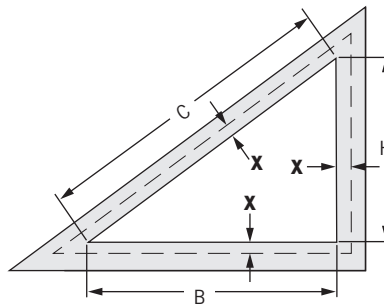
Fitting on the casement, with brackets

VS 10 D



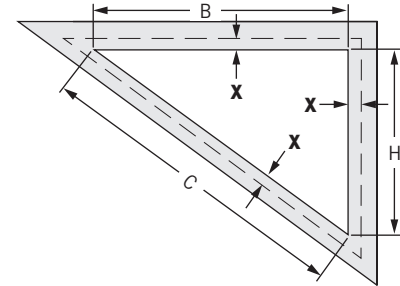
Order measurements = B, H and X

FD Slope 3



Order measurements = B, H and X

FD Slope 4



Order measurements = B, H and X

When measuring pay attention to protruding window furniture.

Control measure = C (C l. / C r.) (clear dimensions)

X = desired overlap

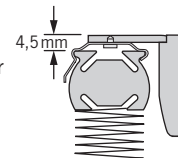
Please specify all clear dimensions and also the required overlap (X).

In case of mounting rails:

X = minimum 25 mm (= height of the wall bracket).

Notes

- dimensions = top edge of rail
- clip and bracket together require another 4,5 mm



Please have a look for the possible size ranges on the model pages.

7 Measurements - Pre-tensioned and freehanging blinds for vertical, special shaped blinds

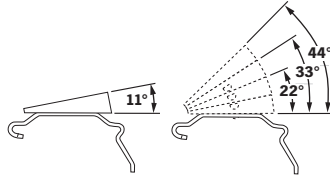
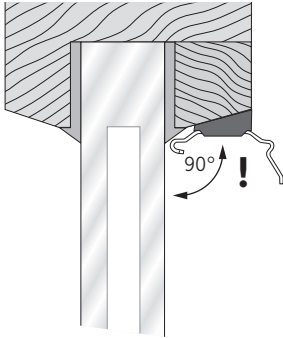


2

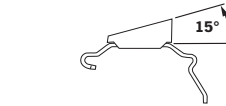
General notes

Important notes on the model type VS 4 Slope S and F Slope 2:

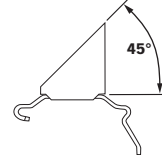
VS 4 Slope S and F Slope 2 are built with a hinge joint between the movable middle rail and the fixed top rail in the slope. When fitting the blind in an angled window beading, corresponding **adaptors must be used** to level the angle, otherwise the middle rail will protrude into the room.



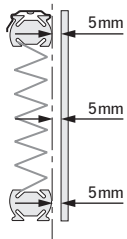
adaptor 11°, adaptable to 44°
Art. no. 2903 01 white
Art. no. 2903 03 black
Art. no. 2903 04 brown



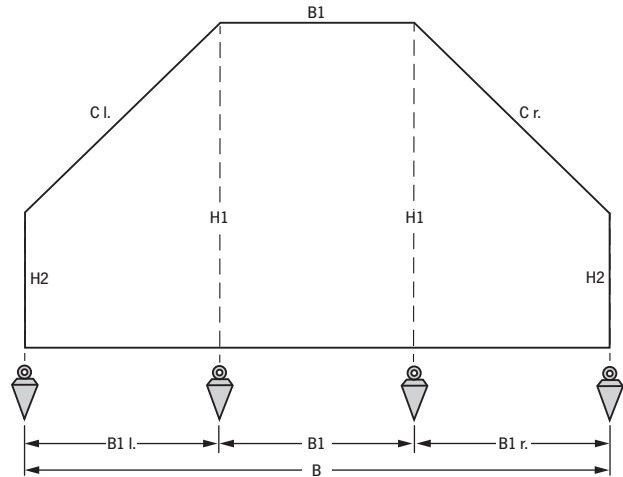
adaptor 15°
Art. no. 2904 01 white
Art. no. 2904 03 black



adaptor 45°
Art. no. 2905 01 white
Art. no. 2905 03 black

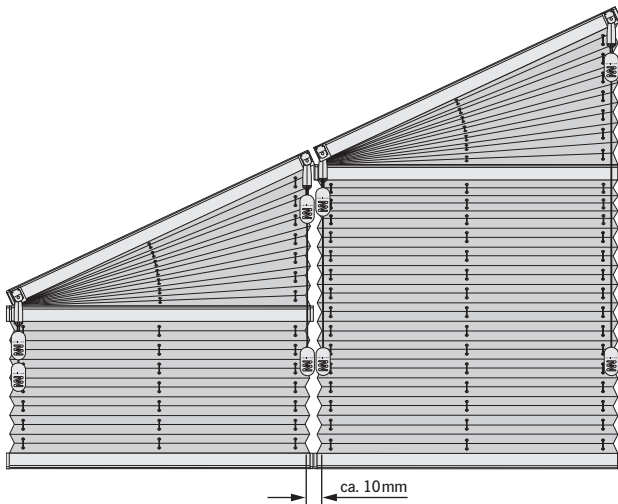


**Distance pleated blind - glass pane:
at least 5 mm!**



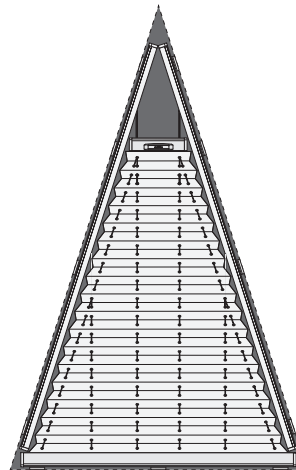
Exact measurements by using a plumb-line!

To obtain accurate measurements, we recommend using a plumb-line for special shapes.

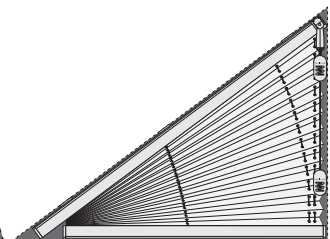


Several blinds side by side

Light slit (fabric gap) between the blinds approx. 10 mm.
Required rail distance is determined by the producer.



example type VS 9 D



example type Typ FD Slope 3

Because of the positioning of the profiles, some areas in the corners will not be covered!

Depending on the angle and model type, these uncovered areas vary and are no reason for complaint.

7 Measurements - Pre-tensioned and freehanging blinds for vertical, special shaped blinds

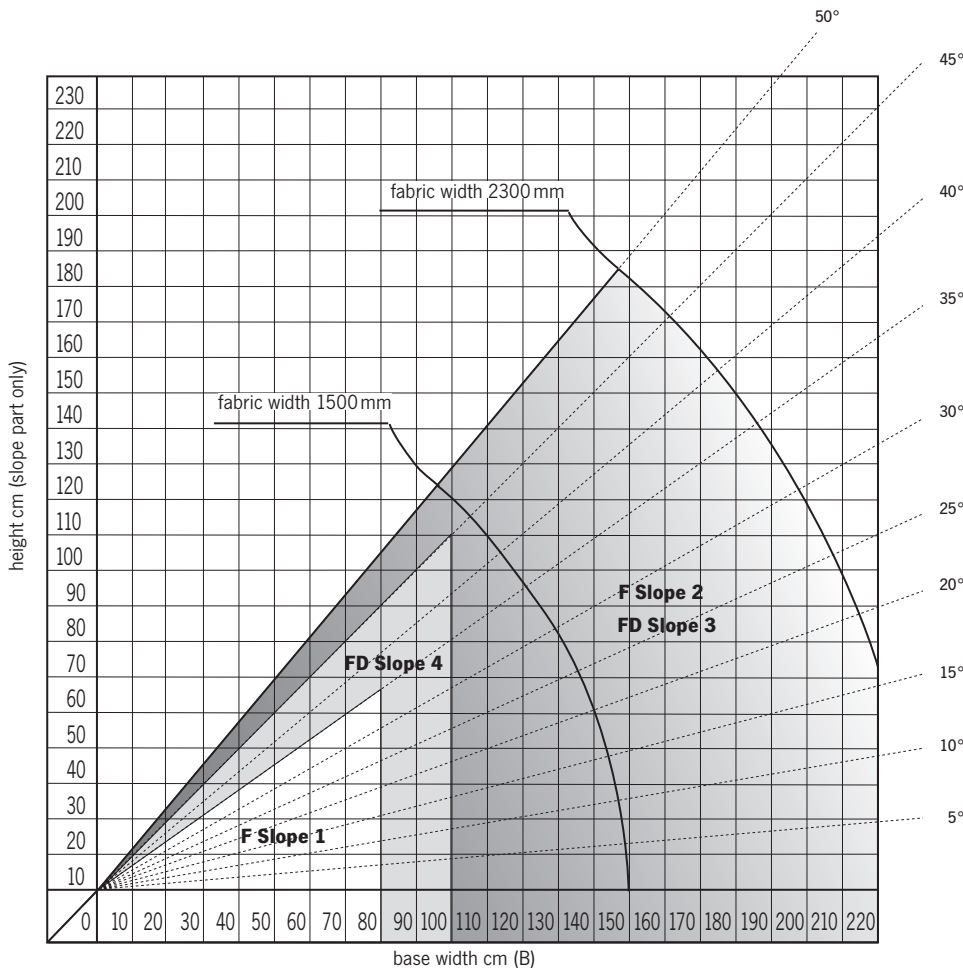


2

General notes



Ratio fabric width to blind width

with model types F Slope 1, 2, and FD Slope 3, 4



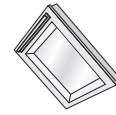
The steeper the angle, the less the width

The angle of the slope has a considerable influence on the maximum blind width. The diagram shows the possible blind width in relation to angle and width of the fabric on.

For the systems FD Slope 3, FD Slope 4, F 7 and F 8 Specify mounting height!
Please refer to the notes concerning Child Safety on page i.6.

7 Measurements - Roof blinds with side channels or tension wires



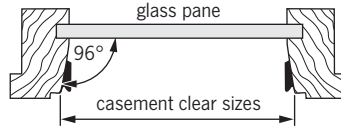
3

Standardised roof windows

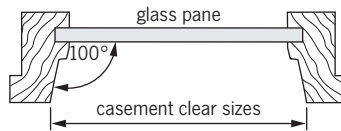
DF and DF Comfort

Velux

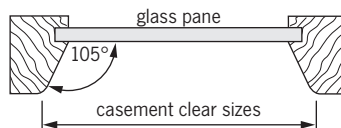
Casement Type A



Casement Type B



Type GGU until Juni 2000



The fitting of the blinds is always inside the window beading. Through the years the company Velux has repeatedly changed its window types, sometimes without creating a new model type and description.

When ordering, please specify the following information:

- **window manufacturer**
- **model type description** (for example GGL)
- **size description** (for example FK06)

In addition, as a reference size, the **casement clear sizes** measured at the front edge (see drawing).

For control you can check the casement clear sizes also into the price tables.

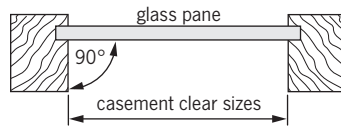
Attention:

Due to the large radiuses of the model type GGU (until June 2000) remains a light gap of approximately of 17 mm on the left and on the right side.

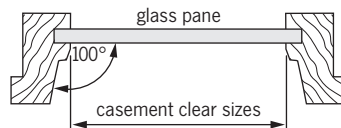
Not recommended!

Roto

Old type of construction



New type of construction



The fitting of the blinds is always inside the window beading.

The company Roto has produced two different types of casement shapes.

When ordering, please specify the following information:

- **window manufacturer**
- **model type description** (for example R7)
- **size description** (for example 7/11)

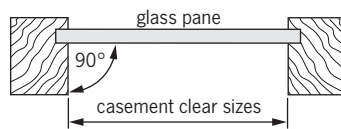
In addition, as a reference size, the **casement clear sizes**.

Please note that for Roto windows the casement clear size is always measured at the shortest point (see drawing).

For control you can check the casement clear sizes also into the price tables.

Braas/Blefa/Dörken

Casement always with straight beading



Attention: due to the handle bar, DF Comfort models are not available for these manufacturers.

Please choose a DF model type!

The fitting of the blinds is always inside the window beading.

When ordering, please specify the following information:

- **window manufacturer**
- **model type description** (for example BA)
- **size description** (for example 75/125)

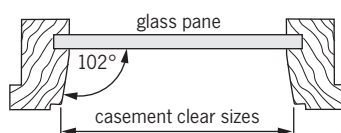
In addition, as a reference size, the **casement clear sizes** measured at the front edge (see drawing).

For control you can check the casement clear sizes also into the price tables.

In case of handle bar on the Braas Window please order additionally Braas adapter plates.

Fakro

Casement always with angled beading



The fitting of the blinds is always inside the window beading.

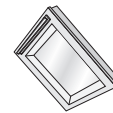
When ordering, please specify the following information:

- **window manufacturer**
- **model type description** (for example FTS)
- **size description** (for example 66/98)

In addition, as a reference size, the **casement clear sizes** measured at the front edge (see drawing).

For control you can check the casement clear sizes also into the price tables.

7 Measurements - Roof blinds with side channels or tension wires

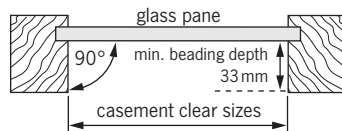


3

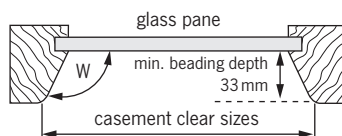
Non-Standardised roof windows

DF and DF Comfort

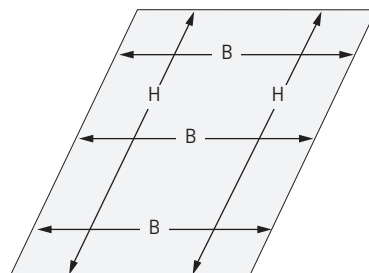
Casement with straight beading



Casement with angled beading



Fitting on the casement



Notes

The fitting of the blinds is always inside the window beading.

When ordering please always specify the **casement clear sizes** measured at the **front edge** (see drawing).

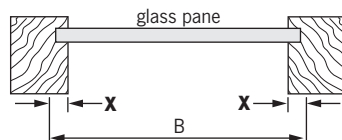
In addition, please determine the angle of the beading, thus the angle (W) between glass pane and casement frame.

Please have a look for the possible size ranges on the model pages.

Measure at several points in case of possible size tolerances of the window.

DF only

Fitting on the casement



Fitting on the casement.

DF 10 and DF 30 only!

Please always specify if it is clear sizes or blind sizes.

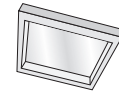
Specify clear sizes + desired overlap.
Pay attention to protruding window furniture.

X = desired overlap

Notes:

- height measurement = top edge of rail
- clip and bracket together require another 4,5 mm

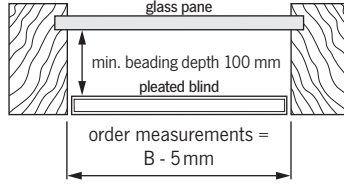
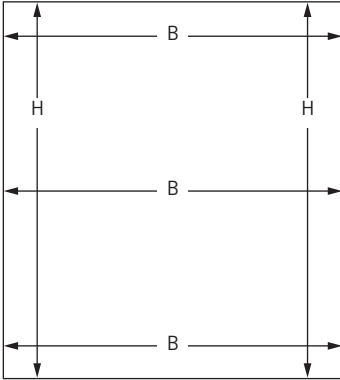
7 Measurements - Roof Blinds for rectangular windows



4

Fitting between the rafters

PL 11, PLK 13, PLE 12



! Measure the width B at several points in case of possible size tolerances of the window recess. Use the shortest measured width.

Please consider the ventilation slots at the top and bottom in the length (H) as well as the thickness of the mounting profile.

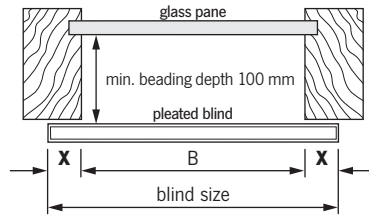
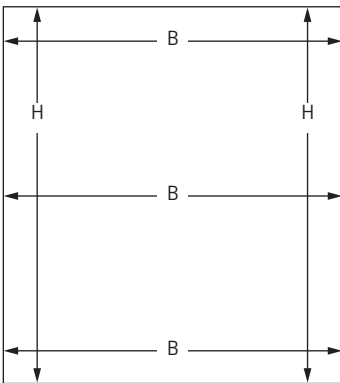
Order width = B minus 5 mm

Order height = H minus ventilation slots and mounting profile

Please have a look for the possible size ranges on the model pages.

Fitting under the rafters

PL 11, PLK 13, PLE 12



X = desired overlap

! Measure the width B at several points in case of possible size tolerances of the window recess. Use the shortest measured width.

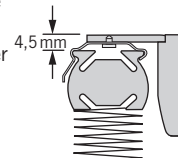
Please consider the ventilation slots at the top and bottom in the length (H) as well as the thickness of the mounting profile.

Order width = B plus the desired overlap (X)

Order height = H minus ventilation slots and mounting profile

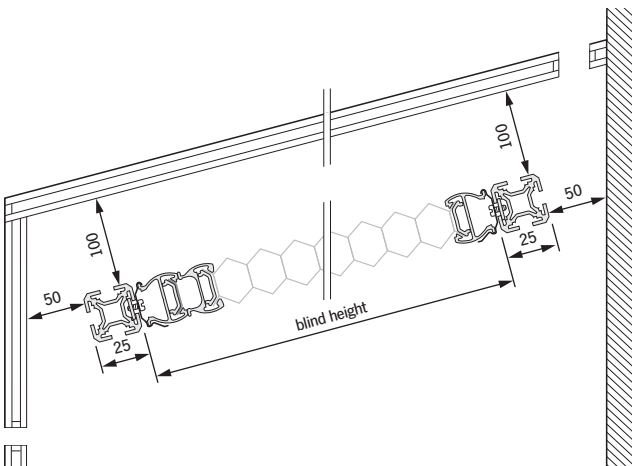
Notes for fitting with brackets

- dimension H = top edge of rail
- clip and bracket together require another 4,5 mm



Please have a look for the possible size ranges on the model pages.

Important notes



Please consider the ventilation slots at the top and bottom.

Ventilation

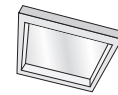
Pleated blinds in conservatories are an ideal, functional sun protection. This requires adequate ventilation and air circulation.

Insufficient ventilation and air circulation can cause condensation. No warranty for material damage caused by dripping condensation water and sharp glass cleaner, which encounter directly or indirectly with the fabric. Also no warranty for insect excrements.

Fitting spaces

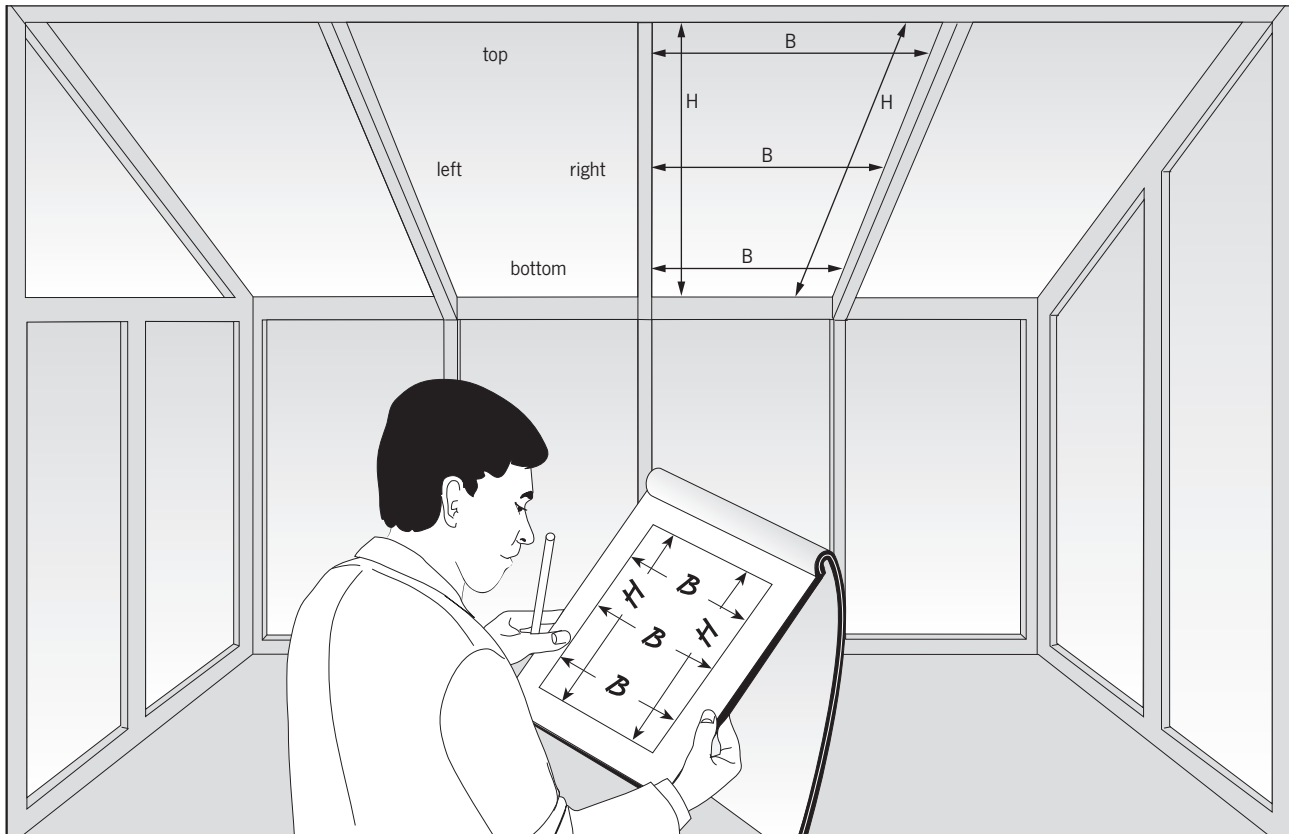
Please leave a minimum space of 100 mm between the pleated blind and the glass pane and at least 50 mm at the top and bottom between the mounting profile and the wall to ensure sufficient circulation.

7 Measurements - Roof Blinds for rectangular windows



4

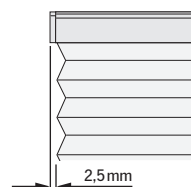
Important notes



Measurements always specified from inside!

Number of tension wires (black)

blind width	tension wires
20 cm	2
30 cm	3
40 cm	3
50 cm	3
60 cm	4
70 cm	4
80 cm	5
90 cm	5
100 cm	5
110 cm	6
120 cm	6
130 cm	7
140 cm	7
150 cm	7



Attention!

fabric width = rail width

End caps protrude!

Attention!

No warranty on glass damages that occur after the installation of pleated blinds.

Motorisation and control of PLE blinds

Motor data

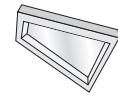
Voltage 24 V, current 1A, including integrated limit stop.

Attention

Please use, due to the the integrated limit stop, only the original control parts. Third party products may cause damage.

For information about controlling the blinds please refer to section **Accessories for motorised blinds starting on page 8.1** or the **Electric-Planning Documents**.

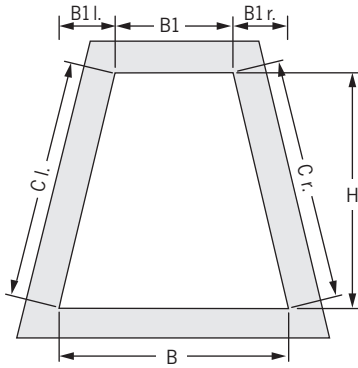
7 Measurements - Roof Blinds for special shaped windows



5

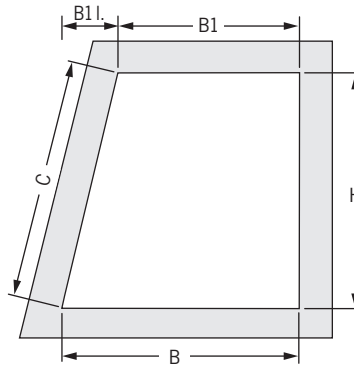
Fitting between the rafters

PL 30, PLK 30, PLE 30



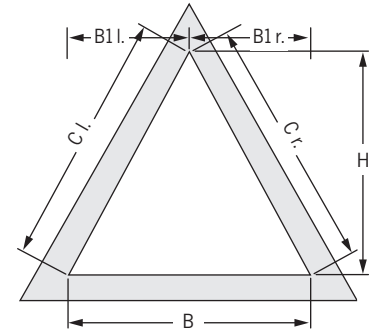
Order measurements* = B, B1, B1 l., B1 r. and H

PL 31, PLK 31, PLE 31



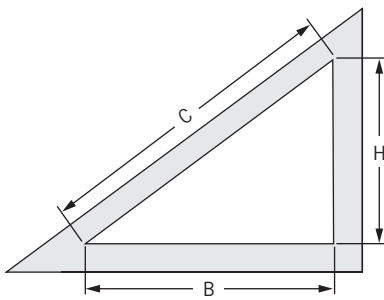
Order measurements* = B, B1, B1 l.(r.) and H

PL 32 D, PLK 32, PLE 32



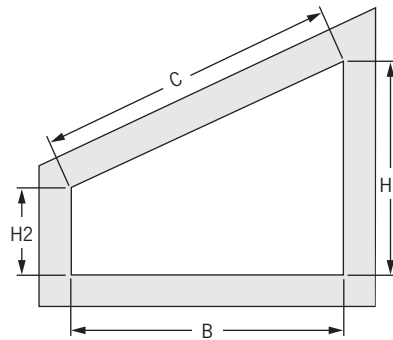
Order measurements* = B, B1 l., B1 r. and H

PL 33 D, PLK 33, PLE 33



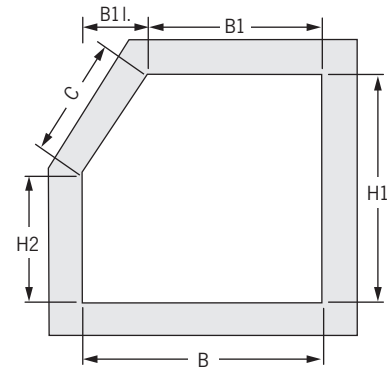
Order measurements* = B and H

PL 40



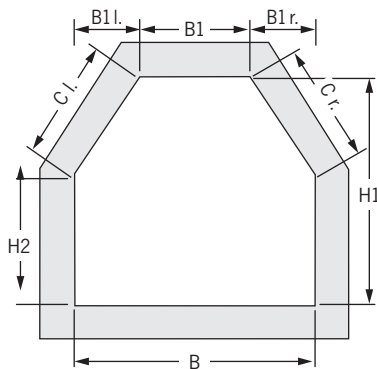
Order measurements* = B, H1 und H2

PL 41

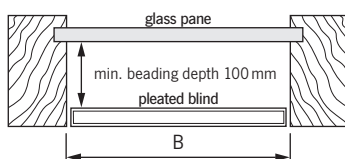


Order measurements* = B, B1, B1 l.(r.), H1 and H2

PL 42



Order measurements* = B, B1, B1 l., B1 r., H1 and H2



! Please consider the ventilation slots at the top and bottom in the length (H) as well as the thickness of the mounting profile.

For exact measurements, it is recommended to install the mounting profiles in advance.

Order width* = clear sizes

Order height = H minus ventilation slots and mounting profile

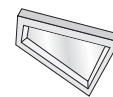
Reference size = C (C l. / C r.)

*Deductions are determined by the producer

! Please note also the important information on page 7.18.

Please have a look for the possible size ranges on the model pages.

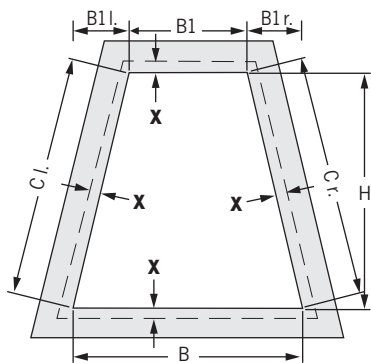
7 Measurements - Roof Blinds for special shaped windows



5

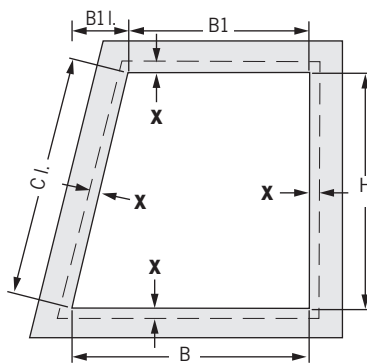
Fitting under the rafters

PL 30, PLK 30, PLE 30



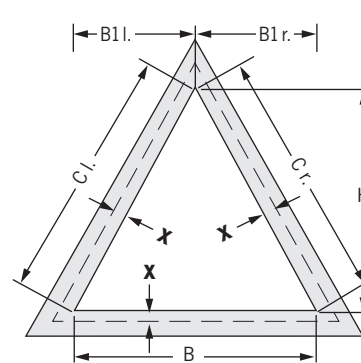
Order measurements = B, B1, B1 l., B1 r., H and X

PL 31, PLK 31, PLE 31



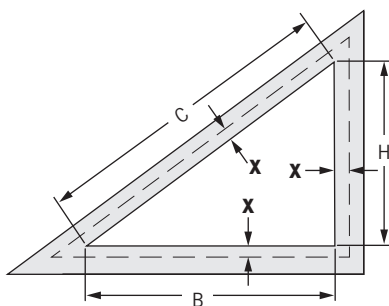
Order measurements = B, B1, B1 l. (r.), H and X

PL 32 D, PLK 32, PLE 32



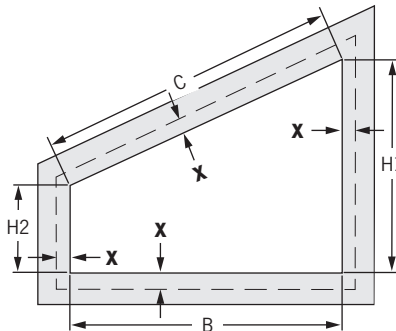
Order measurements = B, B1 l., B1 r., H and X

PL 33 D, PLK 33, PLE 33



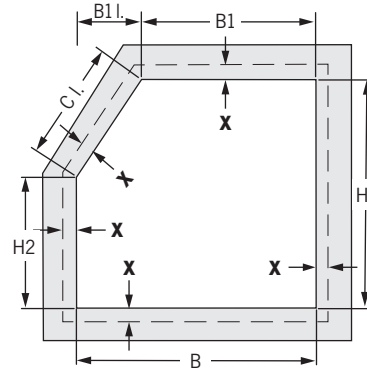
Order measurements = B, H and X

PL 40



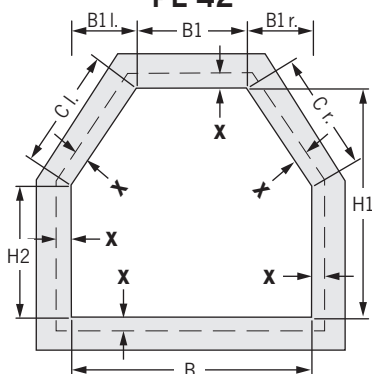
Order measurements = B, H1, H2 und X

PL 41

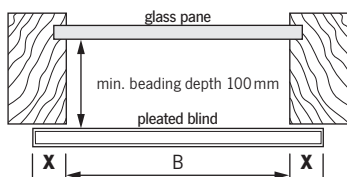


Order measurements = B, B1, B1 l. (r.), H1, H2 and X

PL 42



Order measurements = B, B1, B1 l., B1 r., H1, H2 and X



⚠ When measuring pay attention to protruding window furniture.

⚠ Please consider the ventilation slots at the top and bottom in the length (H) as well as the thickness of the mounting profile.

For exact measurements, it is recommended to install the mounting profiles in advance.

X = desired overlap

Please specify all clear dimensions and also the required overlap (X).

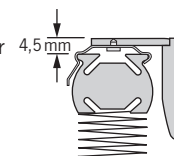
X with mounting profile

min. 25 mm (= height of the bracket)

Reference size = C (C l. / C r.) (clear size)

Notes

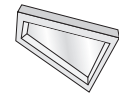
- Size = top edge of rail
- clip and bracket together require another 4,5 mm



⚠ Please note also the important information on page 7.18.

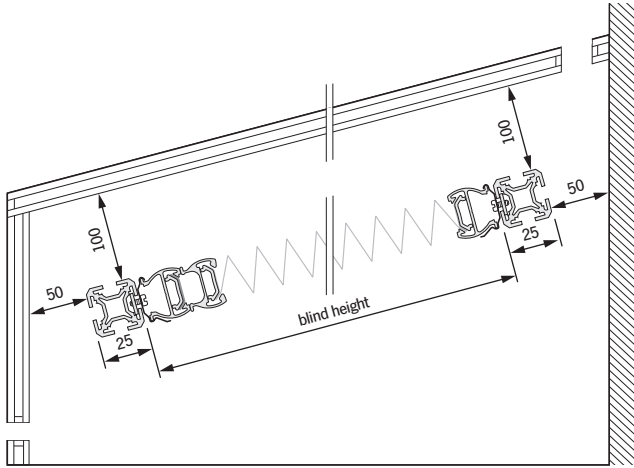
Please have a look for the possible size ranges on the model pages.

7 Measurements - Roof Blinds for special shaped windows



5

Important notes



Ventilation

Blinds by Peter Meyer blinds in conservatories are an ideal, functional sun protection. This requires adequate ventilation and air circulation.

Insufficient ventilation and air circulation can cause condensation. No warranty for material damage caused by dripping condensation water and sharp glass cleaner, which encounter directly or indirectly with the fabric. Also no warranty for insect excrements.

Fitting spaces

Please leave a minimum space of 100 mm between the pleated blind and the glass pane and at least 50 mm at the top and bottom between the mounting profile and the wall to ensure sufficient circulation.

Please consider the ventilation slots at the top and bottom.

Hinweise

- measurements always specified from inside
- max. distance between tension wires = 25 cm

Attention!

No warranty on glass damages that occur after the installation of pleated blinds.

Motorisation and control of PLE blinds

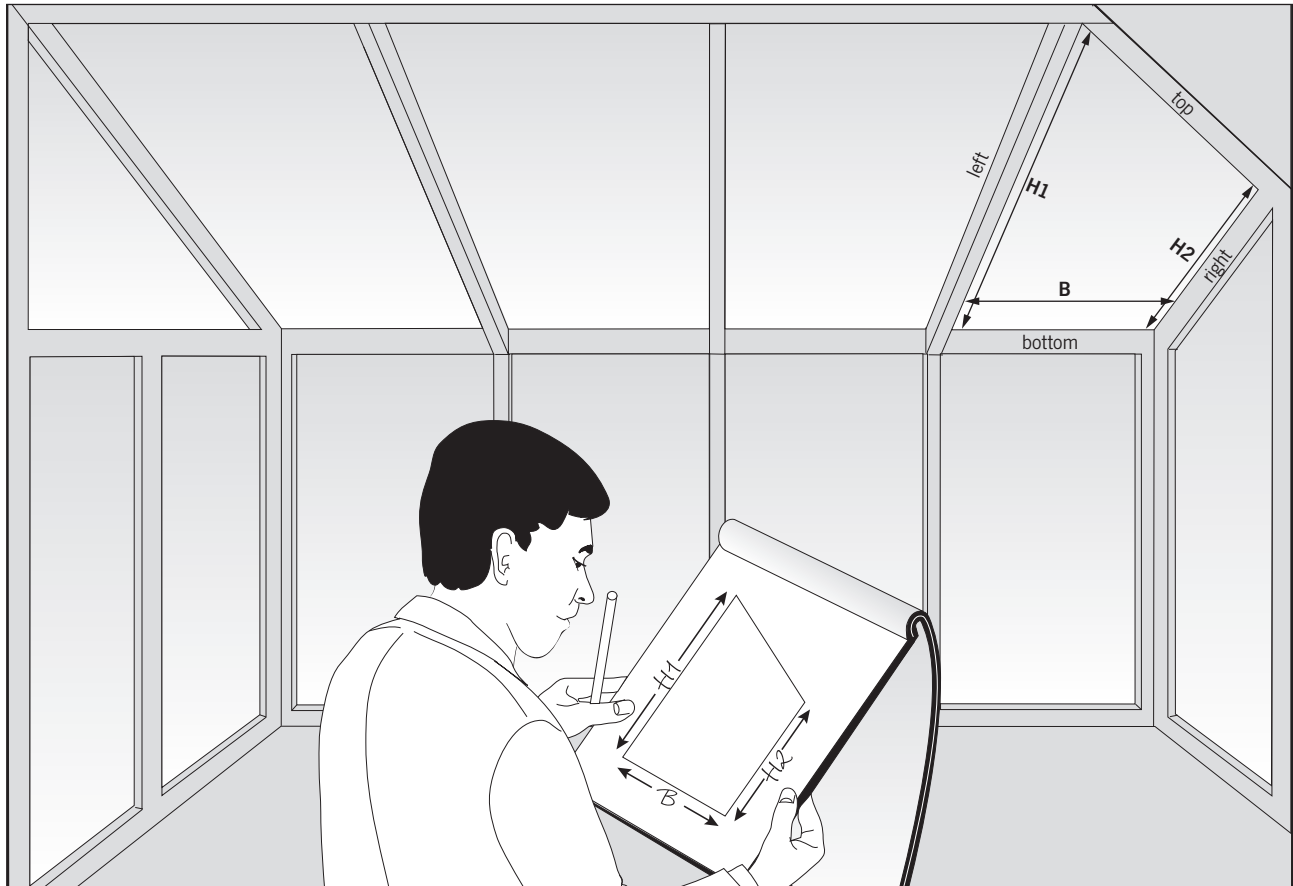
Motor data

Voltage 24 V, current 1A, including integrated limit stop.

Attention

Please use, due to the the integrated limit stop, only the original control parts. Third party products may cause damage.

For information about controlling the blinds please refer to section **Accessories for motorised blinds starting on page 8.1** or the **Electric-Planning Documents**.

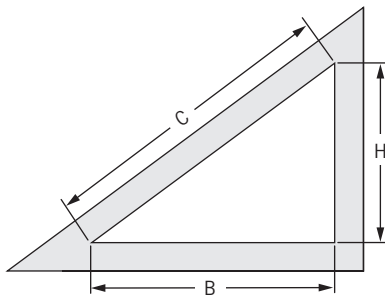


7 Measurements - Pre-tensioned blinds, fixed and movable for triangular and arched windows



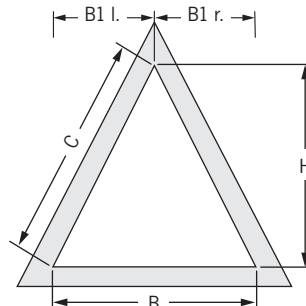
Fitting in the window beading

SD 2, SDP 2



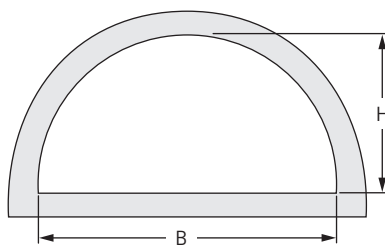
Order measurements* = B and H

SD 3, SDP 3



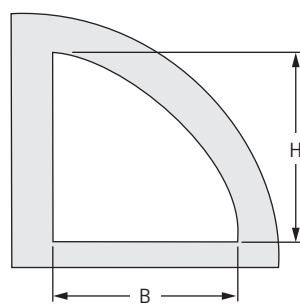
Order measurements* = B, B1 l., B1 r. and H

SR 1, SR 1 S



Order measurements* = B and H

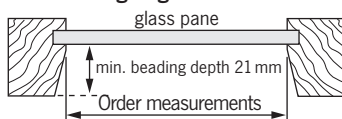
SR 2



Order measurements* = B and H

Please specify if window beading is angled or straight.

Window beading angled:

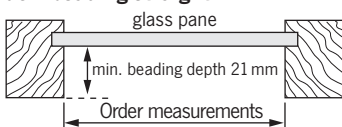


Size = clear sizes!

Reference size = C

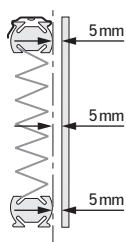
*Deductions are determined by the producer

Window beading straight:



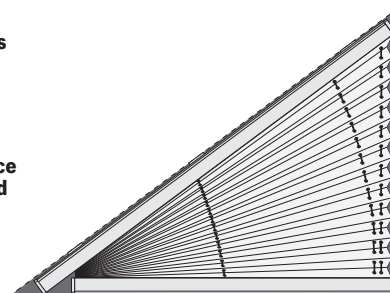
For windows that do not constitute an exact semi-circle, please submit a dimensioned drawing and a solid template in scale 1:1 with blind sizes.

Please have a look for the possible size ranges on the model pages.

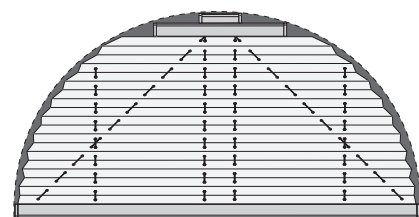


Distance pleated blind - glass pane: at least 5 mm!

Attention, at roof blind installations please leave a minimum space of 100 mm between the blind and the glass pane.



example type SD 2

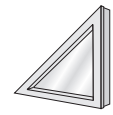


example type SR 1 S

Because of the positioning of the profiles in the radius, some areas will not be covered!

Depending on the angle and model type, these uncovered areas vary and are no reason for complaint.

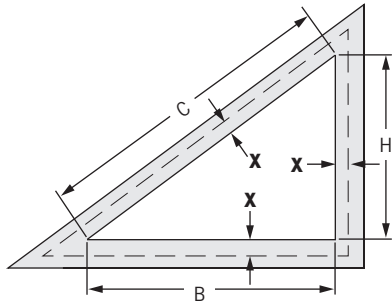
7 Measurements - Pre-tensioned blinds, fixed and movable for triangular and arched windows



6

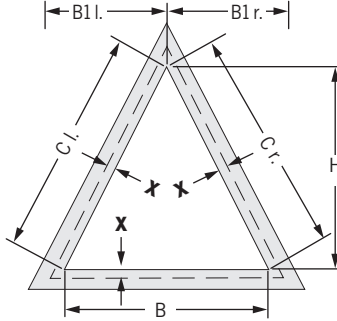
Fitting on the casement, with brackets

SD 2, SDP 2



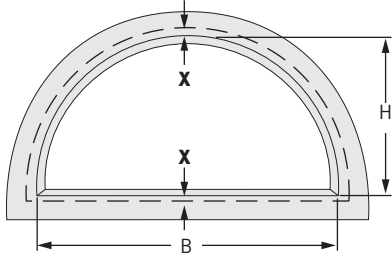
Order measurements = B, H and X

SD 3, SDP 3



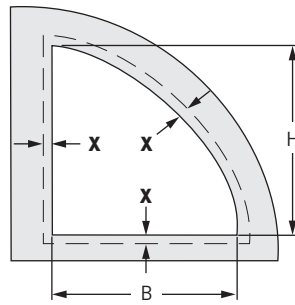
Order measurements = B, B1 l., B1 r., H and X

SR 1, SR 1 S



Order measurements = B, H and X

SR 2



Order measurements = B, H and X

Important notes for Fitting on the casement, with brackets

! For windows that do not constitute an exact semi-circle, please submit a dimensioned drawing and a solid template in scale 1:1 with blind sizes.

When measuring, pay attention to protruding fittings.

X = desired overlap

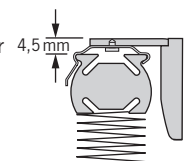
Please specify all clear dimensions and also the required overlap (X).

X with mounting profile min. 25 mm (= height of the bracket)

Reference size = C (clear size)

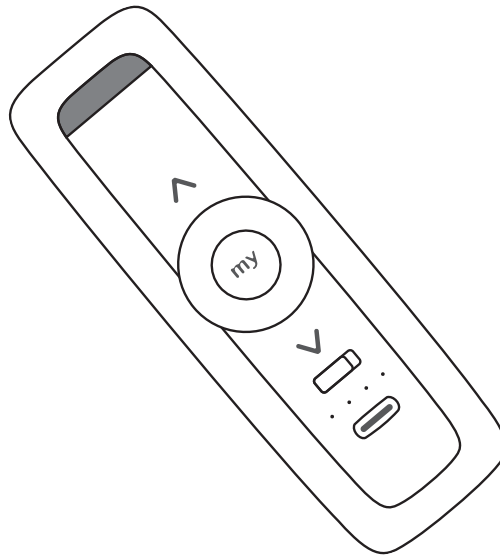
Notes

- Size = top edge of rail
- clip and bracket together require another 4,5 mm



Please have a look for the possible size ranges on the model pages.

8 Accessories for motorised blinds



1 vertical blinds rectangular

2 vertical blinds special shapes

3 roof blinds DFC and DF

4 roof blinds special shapes

5 roof blinds special shapes

6 triangular and arched blinds

7 measurements

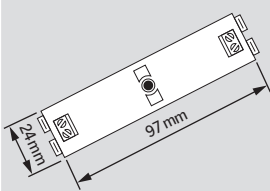
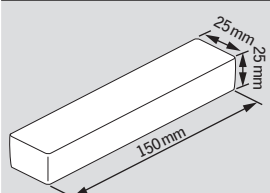
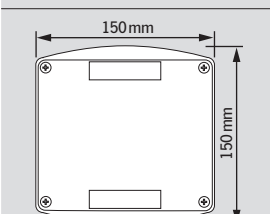
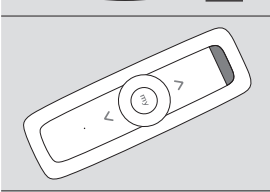
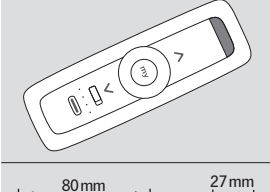
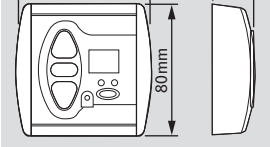
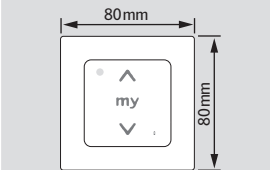
8 accessories motorised

9 accessories

10 material properties

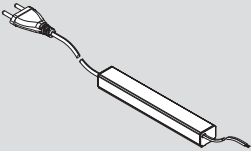
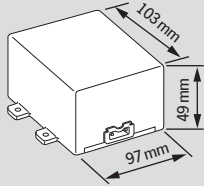
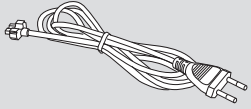
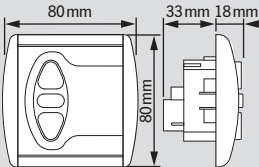
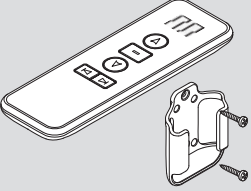
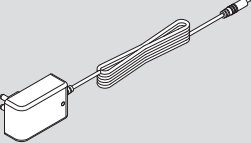
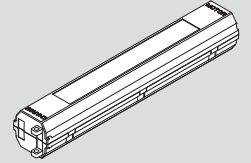
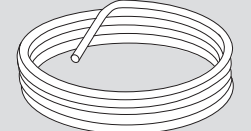
8 Accessories for motorised blinds

Power supplies - controls - switches

	Art. no.	Description	For model type
	4001 99	internal radio receiver (1 per blind) <u>usable from a blind width of:</u> FE = 800 mm PLE 12 = 600 mm PLE 30 - 33 = 650 mm	FE, PLE 12, PLE 30-33
	4002 01	external radio receiver (1 per blind)	FE, PLE 12, PLE 30-33
	4003 01	external group radio receiver for max. 5 freehanging blinds or max. 4 roof blinds for PLE 12 from 901 mm width	FE, PLE 12
	4105 01	radio remote control, 1-channel	FE, PLE 12, PLE 30-33
	4106 01	radio remote control, 5-channel	FE, PLE 12, PLE 30-33
	4103 01	radio control timer, wall mounting	FE, PLE 12, PLE 30-33
	4104 01	radio remote switch, 1-channel, wall mounting	FE, PLE 12, PLE 30-33

8 Accessories for motorised blinds

Power supplies - controls - switches

	Art. no.	Description	For model type
	4202 99	internal power supply (1 per blind) <u>integrable in the head rail from a blind width of:</u> FE = 1100 mm PLE 12 = 800 mm PLE 30 - 33 = 850 mm	FE, PLE 12, PLE 30 - 33
	4201 01	group power supply without connecting cable for max. 5 freehanging blinds or max. 4 roof blinds consider the connecting cable, order no. 4299 01	FE, PLE 12, PLE 30 - 33
	4299 01	connecting cable, 2 m, for group power supply, order no. 4201 01	FE, PLE 12, PLE 30 - 33
	4203 01	wall switch (flush), hard-wired for 1 freehanging or roof blind or for PLE 12 from 901 mm width	FE, PLE 12
	4301 01	radio remote control, 16-channel with wall mount	FE A
	4302 01	power supply 3,5 m / 8,4V	FE A
	4303 99	Li-Ion accu	FE A
	4901 99	extension cable bipolar for power supply, Ø 0,75 mm ²	FE, PLE 12, PLE 30 - 33

1 vertical blinds
rectangular

2 vertical blinds
special shapes

3 roof blinds
DFC and DF

4 roof blinds
special shapes

5 roof blinds
special shapes

6 triangular and
arched blinds

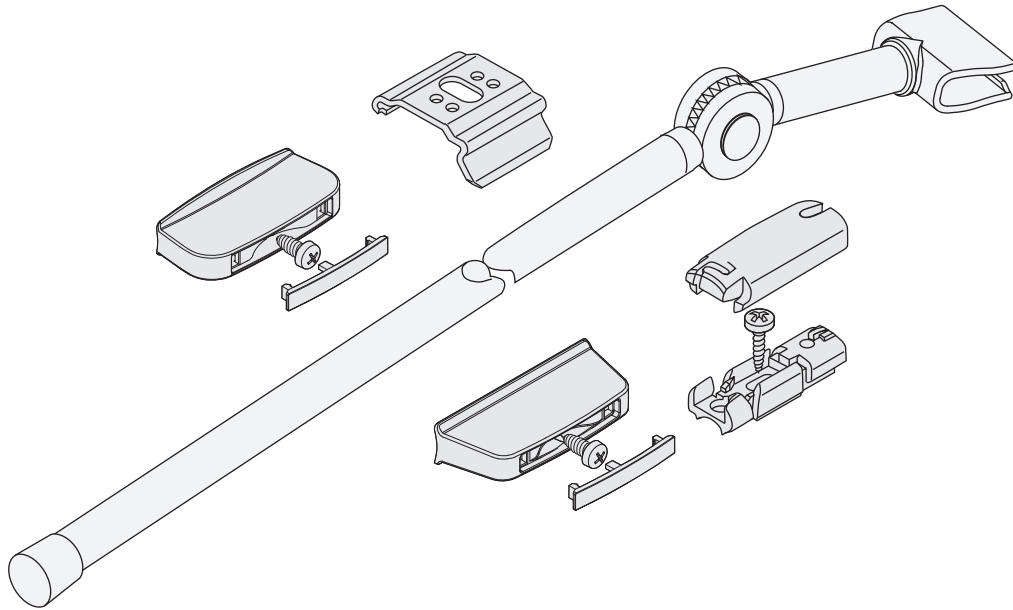
7 measurements

8 accessories
motorised

9 accessories

10 material
properties

9 Accessories



1 vertical blinds rectangular

2 vertical blinds special shapes

3 roof blinds DFC and DF

4 roof blinds special shapes

5 roof blinds special shapes

6 triangular and arched blinds

7 measurements

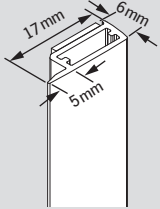
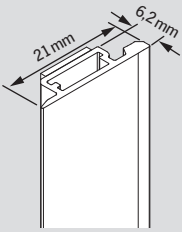
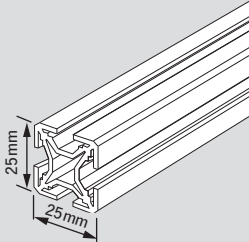
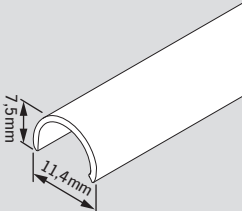
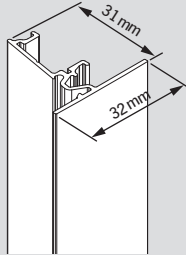
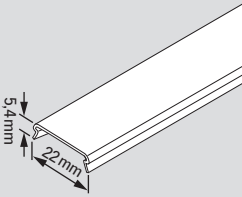
8 accessories motorised

9 accessories

10 material properties

9 Accessories

Rails

	Art. no.	Description	For model type
		adhesive rail	VS 2 KL
	1001 01	white	
	1001 02	silver	
		adhesive rail for VS 2 Slide	VS 2 Slide
	1002 01	white	
	1002 03	grey	
		mounting profile	all model types PL
	1003 01	white	
	1003 02	silver	
	1003 05	black-brown	
	1003 07	brass	
		tension rail	DF 20
	1004 01	white	
	1004 02	silver	
	1004 05	black-brown	
	1004 07	brass	
		side channel DF Comfort	DF Comfort 10 / 20 / 30
	1005 01	white	
	1005 02	silver	
	1005 05	black-brown	
	1005 07	brass	
		cover strip for side channel DF Comfort	DF Comfort 10 / 20 / 30
	1006 01	white	
	1006 03	grey	
	1006 06	black	

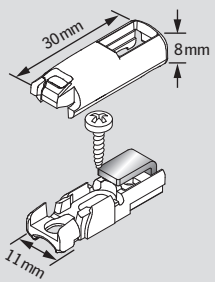
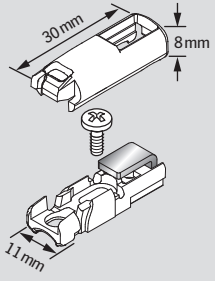
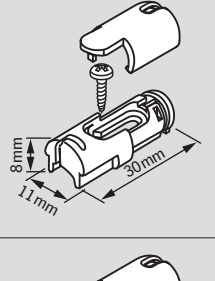
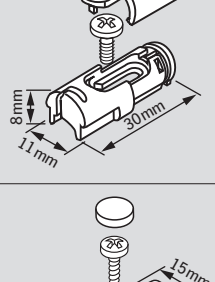
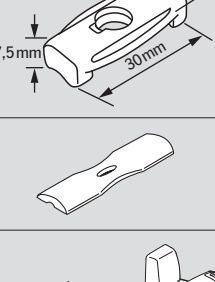
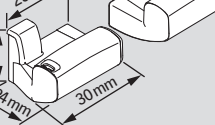

9 Accessories

Fitting accessories

	Art. no.	Description	For model type
	2001 01	tension shoe white	VS 1, VS 2, VS 3, VS 3 SD VS 4 Slope, VS 4 Slope S
	2001 03	grey	
	2001 06	black	F 1, F 2, F 3, F 4, FE A, FE (with guide wires)
	2002 01	tension shoe for bracket white	VS 1, VS 2, VS 2 KL VS 3, VS 3 SD
	2002 03	grey	VS 4 Slope, VS 4 Slope S
	2002 06	black	F 1, F 2, F 3, F 4, FE A, FE (with guide wires)
	2003 01	tension shoe with snap mechanism white	VS 2
	2003 03	grey	
	2003 06	black	
	2004 01	tension shoe with snap mechanism for bracket white	VS 2, VS 2KL
	2004 03	grey	
	2004 06	black	
	2005 01	tension shoe for magnetic fixing, metal plate coloured, up to a blind width of 130 cm white	VS 2
	2005 03	grey	
	2005 06	black	
	2006 01	tension shoe for magnetic fixing, metal plate coloured, for bracket, up to a blind width of 130 cm white	VS 2
	2006 03	grey	
	2006 06	black	

9 Accessories

Fitting accessories

	Art. no.	Description	For model type
		tension shoe for magnetic fixing, metal plate galvanised, from a blind width of 130 cm instead of the coloured version	VS 2
	2007 01	white	
	2007 03	grey	
	2007 06	black	
		tension shoe for magnetic fixing, metal plate galvanised, for bracket, from a blind width of 130 cm instead of the coloured version	VS 2
	2008 01	white	
	2008 03	grey	
	2008 06	black	
		tension shoe DF	DF 10 / 20 / 30
	2009 01	white	
	2009 03	grey	
	2009 06	black	
		tension shoe DF for bracket	DF 10 / 30
	2010 01	white	
	2010 03	grey	
	2010 06	black	
		center snap mechanism	VS 2
	2011 01	white	
	2011 03	grey	
	2011 06	black	
	2099 06	black	VS 1, VS 2, VS 3, VS 3 SD VS 4 Slope, VS 4 Slope S F 1, F 2, F 3, F 4, FE A, FE
		beading brackets VS 2, left and right	VS 2
	8001 01	white	
	8001 03	grey	
	8001 06	black	

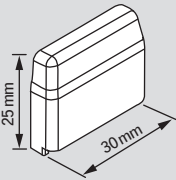
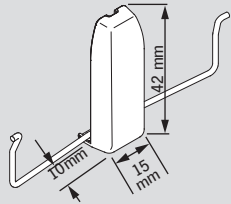
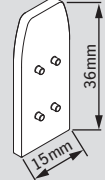
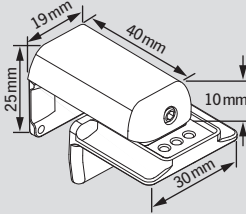
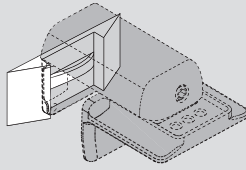
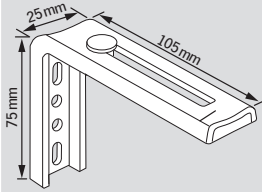
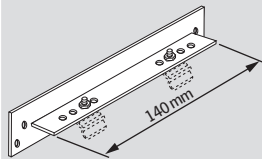
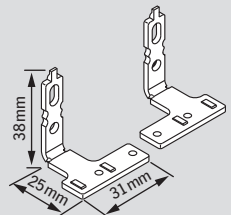
9 Accessories

Fitting accessories

	Art. no.	Description	For model type
		beading brackets VS 2 with snap mechanism, left and right	VS 2
	8002 01	white	
	8002 03	grey	
	8002 06	black	
		beading brackets VS 2 with magnetic fixing, left and right	VS 2
	8003 01	white	
	8003 03	grey	
	8003 06	black	
	2353 02	clip for head rail F Touch silver	F Touch
		clip	all model types except VS 2 KL, VS 2 Slide DF 20 DF Comfort 10 / 20 / 30
	2351 01	white	
	2351 02	silver	
	2351 06	black	
		clip F 4 / motorised	F 4, FE A, FE, PLK 13, PLE 12 PLK 30 – 33 PLE 30 – 33
	2352 01	white	
	2352 02	silver	
	2352 06	black	
		mounting plate for narrow window beadings with screws	VS 2
	8004 01	white	
		bracket, short	all model types except VS 2 KL, VS 2 Slide DF 20 DF Comfort 10 / 20 / 30
	2201 01	white	
	2201 03	grey	
	2201 06	black	
		bracket, long	all model types except VS 2 KL, VS 2 Slide DF 20 DF Comfort 10 / 20 / 30
	2202 01	white	
	2202 03	grey	
	2202 06	black	

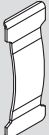
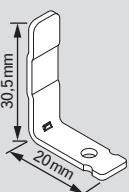
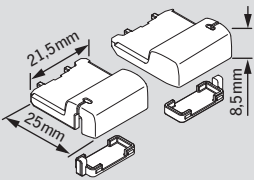
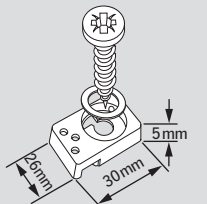
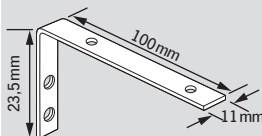
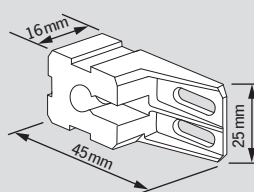
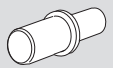
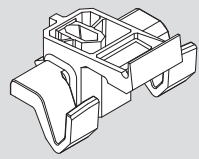
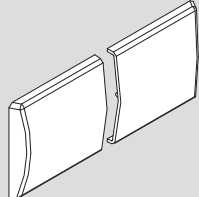
9 Accessories

Fitting accessories

	Art. no.	Description	For model type
		cover for bracket	All model types except
	2299 01	white	VS 2 KL, VS 2 Slide
	2299 03	grey	DF 20
	2299 06	black	DF Comfort 10/20/30
		clamp bracket slim	VS 2
	8006 01	white	
	8006 03	grey	
	8006 06	black	
		distance piece for clamp bracket slim	VS 2
	2925 01	white	
	2925 03	grey	
	2925 06	black	
		clamp bracket	VS 1, VS 2, VS 3, VS 3 SD VS 2 KL, VS 2 Slide
	2301 01	white	F 1, F 2, F 3, F 4, FE A, FE, F 7, F 8
	2301 03	grey	F Slope 1/2, FD Slope 3/4
	2301 06	black	VS 5, VS 5 SD, VS 6, VS 6 SD
		sealing pad for clamp bracket	VS 1, VS 2, VS 3, VS 3 SD VS 2 KL, VS 2 Slide
	2349 06	black	F 1, F 2, F 3, F 4, FE A, FE, F 7, F 8
			F Slope 1/2, FD Slope 3/4
			VS 5, VS 5 SD, VS 6, VS 6 SD
		bracket 100 mm - 150 mm	F 4, FE A, FE, F Touch
	2211 01	white	
	2211 02	silver	
	2211 06	black	
		fixing angle 140 mm	PLK 32, PLK 33 PLE 32, PLE 33
	2216 01	white	
	2216 03	grey	
	2216 06	black	
		brackets for adhesive rail, left and right	VS 2 KL
	2203 01	white	
	2203 03	grey	

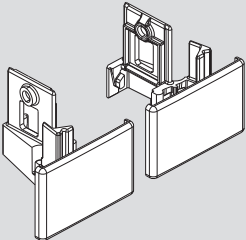
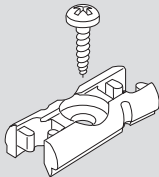
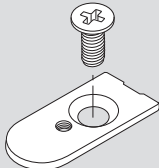
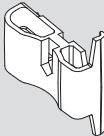
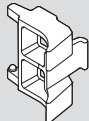
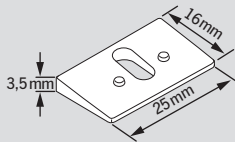
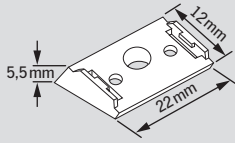
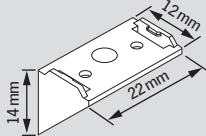
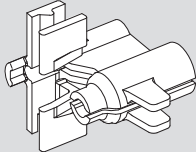
9 Accessories

Fitting accessories

	Art. no.	Description	For model type
	2921 99	clamping plate for adhesive profile silver	VS 2 KL, VS 2 Slide
	2209 99	bracket for VS 2 Slide silver	VS 2 Slide
	2210 01	tension shoes and covers VS 2 Slide, left and right white	VS 2 Slide
	8005 01 8005 03 8005 06	holder SR 1S white grey black	SR 1 S
	2217 01 2217 02 2217 06	holder for mounting profile white silver black	all model types PL
	2218 01 2218 03 2218 06	bracket for mounting profile white grey black	all model types PL
	2219 99	pin for bracket mounting profile silver	all model types PL
	2912 06 2913 01 2914 03 2915 03 2916 10	bracket head rail DF Comfort 90° (black) 96° (white) 100° (grey) 100° (radius5) (light grey) 102° (cream white)	DF Comfort 10 / 30
	2298 01 2298 03 2298 06	cap top rail DF Comfort, left and right white grey black	DF Comfort 10 / 30




9 Accessories

Fitting accessories

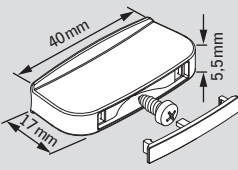
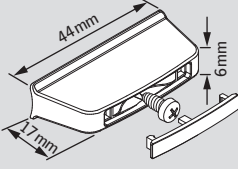
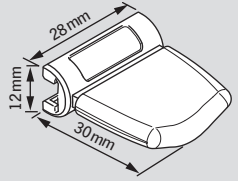
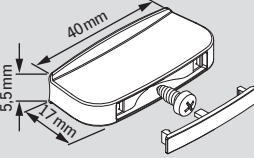
	Art. no.	Description	For model type
		base set left and right, DF Comfort	DF Comfort 10 / 20 / 30
	2101 01	white	
	2101 03	grey	
	2101 06	black	
	2901 06	bracket for tension rail black	DF 20
	2902 01	adaptor plate Braas white	DF 10, DF 30
	2902 03	grey	
	2902 06	black	
	2907 01	levelling piece side channels DF Comfort 96° (white)	DF Comfort 10 / 20 / 30
	2908 03	100° (grey)	
	2909 06	90° (black)	
	2910 10	102° (cream white)	
	2911 03	adaptor levelling piece for side channels DF Comfort, 100° grey	DF Comfort 10 / 20 / 30
	2903 01	adaptor 11°, adaptable to 44° white	all model types F VS 4 Slope S
	2903 03	grey	
	2903 04	brown	
	2904 01	adaptor 15° white	all model types F VS 4 Slope S
	2904 06	black	
	2905 01	adaptor 45° white	all model types F VS 4 Slope S
	2905 06	black	
	2917 99	screw guide DF Comfort red	DF Comfort 10 / 20 / 30

9 Accessories

Fitting accessories

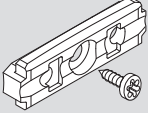
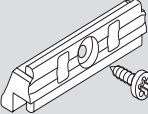
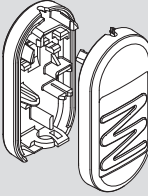
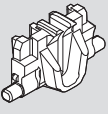
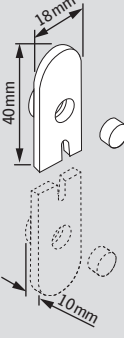
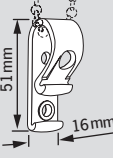
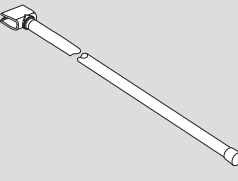
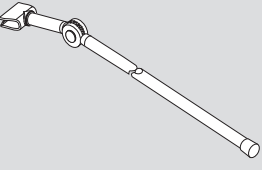
	Art. no.	Description	For model type
	2918 99	mounting dowel Velux 6 x 10 wood	DF 10 / 20 / 30
	2919 99	mounting dowel Velux 6 x 15 wood	DF 10 / 20 / 30
	2920 99	mounting dowel Velux 8 x 20 wood	DF 10 / 20 / 30

Operating accessories

	Art. no.	Description	For model type
	3001 01 3001 03 3001 06	operating handle white grey black	all model types VS, DF all PL
	3101 01 3101 02 3101 06	design handle white silvergrey black	all model types VS, DF F Touch, all PL
	3002 01 3002 03 3002 06	operating handle for operating rod white grey black	all model types VS, PL, DF
	3003 01 3003 03 3003 06	operating handle for middle operating rail and F Touch white grey black	VS 3, VS 3 SD, VS 4 Slope S VS 5, VS 5 SD, VS 6 VS 6 SD, DF 30, PL 40-42, F Touch

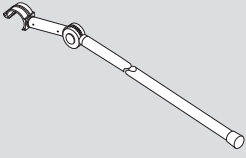
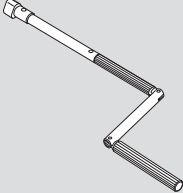
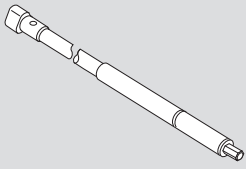
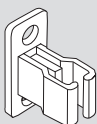
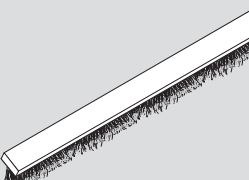
9 Accessories

Operating accessories

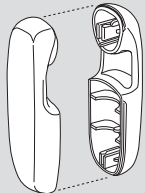
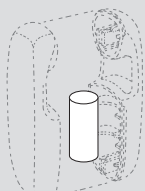
	Art. no.	Description	For model type
	3004 00	adaptor operating rail for operating handle 3002 .. transparent	all model types VS, PL
	3005 00	adaptor middle operating rail for operating handle 3002 .. transparent	VS 3, VS 3 SD, VS 4 Slope S VS 5, VS 5 SD, VS 6 VS 6 SD, DF 30, PL 40-42
	3201 01 3201 03 3201 06	cord tassel white grey black	all model types F
	3202 03	tilting device for cord tassel grey	all model types F
	2923 01 2923 03 2923 06	cord winder, 1 piece white grey black	all model types F
	2922 00	chain holder transparent	F 4
	3345 03 3346 03 3347 03 3348 03	operating rod (only in combination with operating handle 3002 ..) 125cm 150cm 200cm 250cm	PL 11 PL 30 - 42
	3305 03 3306 03 3307 03 3308 03	operating rod with joint (only in combination with operating handle 3002 ..) 125cm 150cm 200cm 250cm	VS 1-10 DF 10/20/30 SR 1 S

9 Accessories

Operating accessories




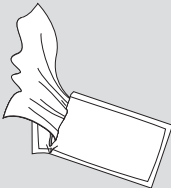
	Art. no.	Description	For model type
		operating rod with joint	DF Comfort 10 / 20 / 30 VS 2 Slide Comfort
	3325 03	125 cm	
	3326 03	150 cm	
	3327 03	200 cm	
	3328 03	250 cm	
		manual crank	PLK 13, 30-33
	3385 03	125 cm	
	3386 03	150 cm	
	3387 03	200 cm	
	3388 03	250 cm	
		operating rod for electric crank (without battery motor)	PLK 13, 30-33
	3365 03	125 cm	
	3366 03	150 cm	
	3367 03	200 cm	
	3368 03	250 cm	
		<u>requirements for battery motor:</u>	
		• receptacle for 6 mm hexagon	
		• min. 1,3 Ah	
		• 3-4 Nm	
		• 3,6 V	
	2924 03	clamp for operating rod / crank grey	all model types with operating rod / crank
	9001 06	brush strip black	DF Comfort 10/20/30

Other accessories

	Art. no.	Description	For model type
		weight for chain	F4
	9002 01	white	
	9002 06	black	
	9003 00	metal insertion for weight for chain	F4

9 Accessories

Other accessories

	Art. no.	Description	For model type
		cap for tension block (Plafond)	PL 11, 30–42
	9004 01	white	PLK 13, 30–33
	9004 03	grey	PLE 12, 30–33
	9004 06	black	
		cover for tension shoe DF	DF 20
	9005 01	white	
	9005 03	grey	
		cover for charging socket	FE A
	9007 01	white	
	9007 03	grey	
		cleaning cloth for adhesive rails	VS 2 KL, VS 2 Slide
	9006 99		

10 Material properties of the fabrics



1 vertical blinds rectangular

2 vertical blinds special shapes

3 roof blinds DFC and DF

4 roof blinds special shapes

5 roof blinds special shapes

6 triangular and arched blinds

7 measurements

8 accessories motorised

9 accessories

10 material properties

10 Material properties of the fabrics

Fabric overview (ascending by design no.)

card	design no.	collection name	price group	width (cm)	material	weight in g/m ²	light fastness	washable at max. 30°	damp cleaning	suitable for damp locations	flame retardant according to DIN 4102 B1	perlux coated	stain resistant	transparent	semi transparent	dim out	black out	values in %			in accordance with EU guidelines for computer work places:				Oeko-Tex standard 100	Fc-value according to DIN 4108/EN 13363-1/ref. Glass: U = 1,6
																		light reflection	light absorption	light transmission	N 20%	E 6 %	S 5 %	W 6 %		
T 1	10002	Cara	A / 0	230	PES	83	6	•	•	•					•			13	79	8	•				•	0,80
T 1	10003	Cara	A / 0	230	PES	83	6	•	•	•					•			47	2	51					•	0,74
T 1	10004	Cara	A / 0	230	PES	83	6	•	•	•					•			39	20	41					•	0,76
T 3	10005	Cara	A / 0	230	PES	83	6	•	•	•					•			44	8	48					•	0,75
T 3	10006	Cara	A / 0	230	PES	83	6	•	•	•					•			18	58	24					•	0,81
T 3	10007	Cara	A / 0	230	PES	83	6	•	•	•					•			8	82	10	•				•	0,84
T 3	10008	Cara	A / 0	230	PES	83	6	•	•	•					•			20	56	24					•	0,81
T 3	10009	Cara	A / 0	230	PES	83	6	•	•	•					•			49	11	40					•	0,73
T 3	10010	Cara	A / 0	230	PES	83	6	•	•	•					•			43	22	35					•	0,75
T 3	10012	Cara	A / 0	230	PES	83	6	•	•	•					•			39	30	31					•	0,77
T 3	10013	Cara	A / 0	230	PES	83	6	•	•	•					•			32	41	27					•	0,80
T 3	10014	Cara	A / 0	230	PES	83	6	•	•	•					•			39	28	33					•	0,80
T 3	10015	Cara	A / 0	230	PES	83	6	•	•	•					•			12	81	7	•				•	0,70
T 3	10016	Cara	A / 0	230	PES	83	6	•	•	•					•			4	95	1	•	•	•	•	•	0,80
2	10101	Cara B1	0	221	PES	82	6	•	•	•	•				•			46	2	52					•	0,68
3	10102	Cara B1	0	221	PES	82	6	•	•	•	•				•			45	5	50					•	0,70
5	10103	Cara B1	0	221	PES	82	6	•	•	•	•				•			44	5	51					•	0,71
1	10104	Cara B1	0	221	PES	82	6	•	•	•	•				•			46	1	53					•	0,70
4	10105	Cara B1	0	221	PES	82	6	•	•	•	•				•			42	8	50					•	0,71
17	10106	Cara B1	0	221	PES	82	6	•	•	•	•				•			14	67	19	•				•	0,78
18	10107	Cara B1	0	221	PES	82	6	•	•	•	•				•			6	88	6	•	•		•	•	0,80
13	10108	Cara B1	0	221	PES	82	6	•	•	•	•				•			5	93	2	•	•	•	•	•	0,80
15	10109	Cara B1	0	221	PES	82	6	•	•	•	•				•			27	43	30					•	0,76
7	10110	Cara B1	0	221	PES	82	6	•	•	•	•				•			33	25	42					•	0,74
7	10111	Cara B1	0	221	PES	82	6	•	•	•	•				•			15	67	18	•				•	0,77
15	10112	Cara B1	0	221	PES	82	6	•	•	•	•				•			46	5	49					•	0,70
8	10113	Cara B1	0	221	PES	82	6	•	•	•	•				•			42	12	46					•	0,73
8	10114	Cara B1	0	221	PES	82	6	•	•	•	•				•			35	28	37					•	0,74
10	10115	Cara B1	0	221	PES	82	6	•	•	•	•				•			12	76	12	•				•	0,78
7	10116	Cara B1	0	221	PES	82	6	•	•	•	•				•			7	87	6	•	•		•	•	0,81
15	10117	Cara B1	0	221	PES	82	6	•	•	•	•				•			41	15	44					•	0,73
14	10118	Cara B1	0	221	PES	82	6	•	•	•	•				•			35	25	40					•	0,74
13	10119	Cara B1	0	221	PES	82	6	•	•	•	•				•			17	63	20	•				•	0,77
16	10120	Cara B1	0	221	PES	82	6	•	•	•	•				•			40	15	45					•	0,71
2	10201	Cara Crush	0	215	PES	113	7	•	•	•	•				•			46	2	52					•	0,68
2	10202	Cara Crush	0	215	PES	113	7	•	•	•	•				•			66	2	32					•	0,59
3	10203	Cara Crush	0	215	PES	113	7	•	•	•	•				•			45	5	50					•	0,70
5	10204	Cara Crush	0	215	PES	113	7	•	•	•	•				•			44	5	51					•	0,71
5	10205	Cara Crush	0	215	PES	113	7	•	•	•	•				•			45	17	38					•	0,68
4	10206	Cara Crush	0	215	PES	113	7	•	•	•	•				•			33	25	42					•	0,79
7	10207	Cara Crush	0	215	PES	113	7	•	•	•	•				•			15	67	18	•				•	0,79
16	10208	Cara Crush	0	215	PES	113	7	•	•	•	•				•			40	15	45					•	0,71
17	10209	Cara Crush	0	215	PES	113	7	•	•	•	•				•			14	67	19	•				•	0,79
8	10210	Cara Crush	0	215	PES	113	7	•	•	•	•				•			42	12	46					•	0,73
9	10211	Cara Crush	0	215	PES	113	7	•	•	•	•				•			26	52	22					•	0,73
10	10212	Cara Crush	0	215	PES	113	7	•	•	•	•				•			12	76	12	•				•	0,78
15	10213	Cara Crush	0	215	PES	113	7	•	•	•	•				•			41	15	44					•	0,73
14	10214	Cara Crush	0	215	PES	113	7	•	•	•	•				•			35	25	40					•	0,74
13	10215	Cara Crush	0	215	PES	113	7	•	•	•	•				•			17	63	20	•				•	0,77
2	10302	Crush	1	215	PES	100	6	•	•	•	•				•			50	0	50					•	0,72
4	10303	Crush	1	215	PES	100	6	•	•	•	•				•			47	6	47					•	0,74
3	10304	Crush	1	215	PES	100	6	•	•	•	•				•			46	10	44					•	0,74

PES = polyester, CV = viscose, BI = binder

All indications are average values and can differ according to the commercial tolerances upwards and downwards. Technical changes are reserved.

10 Material properties of the fabrics

Fabric overview (ascending by design no.)

card	design no.	collection name	price group	width (cm)	material	weight in g/m ²	light fastness	washable at max. 30°	damp cleaning	suitable for damp locations	flame retardant according to DIN 4102 B1	perlux coated	stain resistant	transparent	semi transparent	dim out	black out	values in %			in accordance with EU guidelines for computer work places:				Oeko-Tex standard 100	Fc-value according to DIN 4108/EN 13363-1/ref. Glass: U = 16	
																		light-reflection	light-absorption	light-transmission	N 20%	E 6 %	S 5 %	W 6 %			
8	10305	Crush	1	215	PES	100	6	•	•	•					•			40	16	44					•	0,77	
17	10306	Crush	1	215	PES	100	6	•	•	•					•			38	20	42					•	0,76	
7	10311	Crush	1	215	PES	100	6	•	•	•								24	53	23					•	0,79	
13	10315	Crush	1	215	PES	100	6	•	•	•					•			25	46	29					•	0,70	
15	10316	Crush	1	215	PES	100	6	•	•	•					•			35	24	41					•	0,80	
15	10317	Crush	1	215	PES	100	6	•	•	•								41	12	47					•	0,80	
12	10318	Crush	1	215	PES	100	6	•	•	•					•			23	52	25					•	0,80	
14	10319	Crush	1	215	PES	100	6	•	•	•								38	24	38					•	0,80	
10	10320	Crush	1	215	PES	100	5	•	•	•					•			36	28	36					•	0,80	
8	10321	Crush	1	215	PES	100	6	•	•	•					•			44	9	47					•	0,80	
8	10322	Crush	1	215	PES	100	6	•	•	•					•			37	23	40					•	0,80	
5	10323	Crush	1	215	PES	100	6	•	•	•					•			40	17	43					•	0,80	
2	10401	Palado	0	232	PES	83	6	•	•	•					•			45	0	55					•	0,69	
6	10406	Palado	0	232	PES	83	6	•	•	•					•			32	26	42					•	0,76	
2	10409	Palado	0	232	PES	83	6	•	•	•					•			45	4	51					•	0,70	
4	10411	Palado	0	232	PES	83	6	•	•	•					•			38	15	47					•	0,72	
3	10414	Palado	0	232	PES	83	6	•	•	•					•			41	4	55					•	0,77	
5	10415	Palado	0	232	PES	83	6	•	•	•					•			40	7	53					•	0,77	
7	10416	Palado	0	232	PES	83	6	•	•	•					•			12	80	8	•				•	0,89	
17	10417	Palado	0	232	PES	83	6	•	•	•					•			18	56	26					•	0,87	
18	10418	Palado	0	232	PES	83	6	•	•	•					•			4	93	3	•	•	•	•	•	0,85	
13	10419	Palado	0	232	PES	83	6	•	•	•					•			8	86	6	•	•		•	•	0,86	
13	10420	Palado	0	232	PES	83	6	•	•	•					•			21	48	31					•	0,81	
15	10421	Palado	0	232	PES	83	6	•	•	•					•			22	47	31					•	0,82	
8	10422	Palado	0	232	PES	83	6	•	•	•					•			39	10	51					•	0,78	
11	10423	Palado	0	232	PES	83	6	•	•	•					•			15	70	15	•				•	0,81	
9	10424	Palado	0	232	PES	83	6	•	•	•					•			22	53	25					•	0,81	
1	10502	Trevira Tendencia B1	2	230	Trevira CS	154	5-7	•	•	•	•				•			58	2	40					•	0,60	
1	10531	Villino	1	205	PES/CV/BI	75	5-6		•	•	•		•		•			47	1	52					•	0,66	
1	10551	Trevira CS B1	2	175	Trevira CS	154	5-7	•	•	•	•				•			51	2	47					•	0,65	
1	10581	Marquissette	1	230	PES	82	5-7	•	•	•				•				38	3	59					•	0,73	
1	10651	Selena	1	195	PES	145	5-6		•	•					•			52	0	48					•	0,62	
3	10652	Selena	1	195	PES	145	5-6		•	•					•			55	1	44					•	0,61	
9	10653	Selena	1	195	PES	145	5-6		•	•					•			43	25	32					•	0,64	
8	10654	Selena	1	195	PES	145	5-6		•	•					•			53	6	41					•	0,65	
15	10655	Selena	1	195	PES	145	5-6		•	•					•			47	19	34					•	0,67	
14	10656	Selena	1	195	PES	145	5-6		•	•					•			33	40	27					•	0,69	
11	10657	Selena	1	195	PES	145	5-6		•	•					•			27	53	20	•				•	0,67	
16	10658	Selena	1	195	PES	145	5-6		•	•					•			47	18	35					•	0,62	
T 2	10701	Cara Metal	0	230	PES	95	7	•	•	•			•		•			27	59	14	•				•	0,80	
T 2	10702	Cara Metal	0	230	PES	95	7	•	•	•			•		•			31	53	16	•				•	0,80	
T 2	10703	Cara Metal	0	230	PES	95	7	•	•	•			•		•			28	57	15	•				•	0,80	
T 2	10704	Cara Metal	0	230	PES	95	7	•	•	•			•		•			17	76	7	•				•	0,80	
T 2	10705	Cara Metal	0	230	PES	95	7	•	•	•			•		•			29	56	15	•				•	0,80	
1	20001	Somnio Perlmutter Black Out	3	225	PES	205	6-7		•	•			•		•			•	83	17	0	•	•	•	•	•	0,49
16	20003	Somnio Perlmutter Black Out	3	225	PES	205	6-7		•	•			•		•			•	83	17	0	•	•	•	•	•	0,49
3	20004	Somnio Perlmutter Black Out	3	225	PES	205	6-7		•	•			•		•			•	83	17	0	•	•	•	•	•	0,49
15	20006	Somnio Perlmutter Black Out	3	225	PES	205	6-7		•	•			•		•			•	83	17	0	•	•	•	•	•	0,49
8	20007	Somnio Perlmutter Black Out	3	225	PES	205	6-7		•	•			•		•			•	83	17	0	•	•	•	•	•	0,49
10	20009	Somnio Perlmutter Black Out	3	225	PES	205	6-7		•	•			•		•			•	83	17	0	•	•	•	•	•	0,49
13	20011	Somnio Perlmutter Black Out	3	225	PES	205	6-7		•	•			•		•			•	83	17	0	•	•	•	•	•	0,49
18	20012	Somnio Perlmutter Black Out	3	225	PES	205	6-7		•	•			•		•			•	83	17	0	•	•	•	•	•	0,49

PES = polyester, CV = viscose, BI = binder

All indications are average values and can differ according to the commercial tolerances upwards and downwards. Technical changes are reserved.

10 Material properties of the fabrics

Fabric overview (ascending by design no.)

card	design no.	collection name	price group	width (cm)	material	weight in g/m ²	light fastness	washable at max. 30°	damp cleaning	suitable for damp locations	flame retardant according to DIN 4102 B1	perlex coated	stain resistant	transparent	semi transparent	dim out	black out	values in %			in accordance with EU guidelines for computer work places:				Oeko-Tex standard 100	Fc-value according to DIN 4108/EN 13363-1/ref. Glass: U = 1,6													
																		light reflection	light absorption	light transmission	N 20%	E 6 %	S 5 %	W 6 %															
4	20013	Sornio Perlmutter Black Out	3	225	PES	205	6-7											83	17	0																			0,49
6	20016	Sornio Perlmutter Black Out	3	225	PES	205	6-7											84	16	0																			0,48
6	20017	Sornio Perlmutter Black Out	3	225	PES	205	6-7											85	15	0																			0,48
11	20018	Sornio Perlmutter Black Out	3	225	PES	205	6-7											84	16	0																			0,49
15	20019	Sornio Perlmutter Black Out	3	225	PES	205	6-7											84	16	0																			0,47
14	20020	Sornio Perlmutter Black Out	3	225	PES	205	6-7											86	14	0																			0,46
9	20021	Sornio Perlmutter Black Out	3	225	PES	205	6-7											86	14	0																			0,48
17	20022	Sornio Perlmutter Black Out	3	225	PES	205	6-7											86	14	0																			0,47
1	20023	Sornio Perlmutter Black Out	3	225	PES	205	6-7											83	17	0																			0,49
12	20105	Dim Out Perlmutter B1	2	225	PES	165	5-6											68	31	1																			0,50
1	20106	Dim Out Perlmutter B1	2	225	PES	165	5-6											84	2	14																			0,46
3	20107	Dim Out Perlmutter B1	2	225	PES	165	5-6											81	8	11																			0,47
4	20108	Dim Out Perlmutter B1	2	225	PES	165	5-6											79	12	9																			0,48
5	20109	Dim Out Perlmutter B1	2	225	PES	165	5-6											82	6	12																			0,47
13	20111	Dim Out Perlmutter B1	2	225	PES	165	5-6											82	8	10																			0,46
16	20112	Dim Out Perlmutter B1	2	225	PES	165	5-6											81	12	7																			0,46
7	20114	Dim Out Perlmutter B1	2	225	PES	165	5-6											82	8	10																			0,47
12	20115	Dim Out Perlmutter B1	2	225	PES	165	5-6											71	28	1																			0,49
12	20116	Dim Out Perlmutter B1	2	225	PES	165	5-6											71	27	2																			0,48
12	20117	Dim Out Perlmutter B1	2	225	PES	165	5-6											83	5	12																			0,45
15	20118	Dim Out Perlmutter B1	2	225	PES	165	5-6											81	8	11																			0,46
16	20119	Dim Out Perlmutter B1	2	225	PES	165	5-6											76	18	6																			0,48
17	20120	Dim Out Perlmutter B1	2	225	PES	165	5-6											71	28	1																			0,48
1	20201	Palado Perlmutter Color	1	235	PES	85	6											61	0	39																			0,60
5	20203	Palado Perlmutter Color	1	235	PES	85	6											52	22	26																			0,66
8	20204	Palado Perlmutter Color	1	235	PES	85	6											63	2	35																			0,62
8	20205	Palado Perlmutter Color	1	235	PES	85	6											53	18	29																			0,66
15	20206	Palado Perlmutter Color	1	235	PES	85	6											52	23	25																			0,66
18	20213	Palado Perlmutter Color	1	235	PES	85	6											28	71	1																			0,72
6	20217	Palado Perlmutter Color	1	235	PES	85	6											50	26	24																			0,67
15	20218	Palado Perlmutter Color	1	235	PES	85	6											41	42	17																			0,69
1	20219	Palado Perlmutter Color	1	235	PES	85	6											62	4	34																			0,61
3	20220	Palado Perlmutter Color	1	235	PES	85	6											62	4	34																			0,62
5	20221	Palado Perlmutter Color	1	235	PES	85	6											59	9	32																			0,62
7	20222	Palado Perlmutter Color	1	235	PES	85	6											35	55	10																			0,74
7	20223	Palado Perlmutter Color	1	235	PES	85	6											22	75	3																			0,81
6	20224	Palado Perlmutter Color	1	235	PES	85	6											50	29	21																			0,67
17	20225	Palado Perlmutter Color	1	235	PES	85	6											37	52	11																			0,74
18	20226	Palado Perlmutter Color	1	235	PES	85	6											24	73	3																			0,81
9	20227	Palado Perlmutter Color	1	235	PES	85	6											37	46	17																			0,70
11	20228	Palado Perlmutter Color	1	235	PES	85	6											27	66	7																			0,68
10	20229	Palado Perlmutter Color	1	235	PES	85	6											22	73	5																			0,75
12	20230	Palado Perlmutter Color	1	235	PES	85	6											24	72	4																			0,78
14	20231	Palado Perlmutter Color	1	235	PES	85	6											41	44	15																			0,68
13	20232	Palado Perlmutter Color	1	235	PES	85	6											41	45	14																			0,67
13	20233	Palado Perlmutter Color	1	235	PES	85	6											15	83	2																			0,77
2	20301	Cara Perlmutter Color	0	230	PES	95	7											66	2	32																		0,65	
7	20302	Cara Perlmutter Color	0	230	PES	95	7											50	26	24																			0,72
4	20303	Cara Perlmutter Color	0	230	PES	95	7											58	11	31																		0,69	
7	20304	Cara Perlmutter Color	0	230	PES	95	7											34	57	9																			0,79
18	20305	Cara Perlmutter Color	0	230	PES	95	7											29	67	4																			0,76
17	20306	Cara Perlmutter Color	0	230	PES	95	7											35	57	8																			0,79

PES = polyester, CV = viscose, BI = binder

All indications are average values and can differ according to the commercial tolerances upwards and downwards. Technical changes are reserved.

10 Material properties of the fabrics

Fabric overview (ascending by design no.)

card	design no.	collection name	price group	width (cm)	material	weight in g/m ²	light fastness	washable at max. 30°	damp cleaning	suitable for damp locations	flame retardant according to DIN 4102 B1	perlex coated	stain resistant	transparent	semi transparent	dim out	black out	values in %			in accordance with EU guidelines for computer work places:				Okolotex standard 100	Fc-value according to DIN 4108/EN 13363-1/ref. Glass: U = 1,6	
																		light-reflection	light-absorption	light-transmission	N 20%	E 6 %	S 5 %	W 6 %			
3	20307	Cara Perlmutter Color	0	230	PES	95	7	•	•	•		•			•			63	6	31				•			0,67
8	20308	Cara Perlmutter Color	0	230	PES	95	7	•	•	•		•			•			58	12	30				•			0,70
8	20309	Cara Perlmutter Color	0	230	PES	95	7	•	•	•		•			•			50	24	26				•			0,71
9	20310	Cara Perlmutter Color	0	230	PES	95	7	•	•	•		•			•			32	56	12	•			•			0,75
15	20313	Cara Perlmutter Color	0	230	PES	95	7	•	•	•		•			•			45	39	16	•			•			0,73
2	20316	Cara Perlmutter Color	0	230	PES	95	7	•	•	•		•			•			61	2	37				•			0,67
6	20317	Cara Perlmutter Color	0	230	PES	95	7	•	•	•		•			•			24	72	4	•	•	•	•			0,84
16	20318	Cara Perlmutter Color	0	230	PES	95	7	•	•	•		•			•			56	18	26				•			0,70
14	20327	Cara Perlmutter Color	0	230	PES	95	7	•	•	•		•			•			51	32	17	•			•			0,69
3	20328	Cara Perlmutter Color	0	230	PES	95	7	•	•	•		•			•			57	17	26				•			0,70
9	20329	Cara Perlmutter Color	0	230	PES	95	7	•	•	•		•			•			40	48	12	•			•			0,70
13	20330	Cara Perlmutter Color	0	230	PES	95	7	•	•	•		•			•			46	40	14	•			•			0,70
1	20401	Cara Perlmutter Color B1	1	230	PES	95	7	•	•	•	•	•			•			61	2	37				•			0,60
2	20402	Cara Perlmutter Color B1	1	230	PES	95	7	•	•	•	•	•			•			62	3	35				•			0,61
4	20403	Cara Perlmutter Color B1	1	230	PES	95	7	•	•	•	•	•			•			60	8	32				•			0,62
7	20404	Cara Perlmutter Color B1	1	230	PES	95	7	•	•	•	•	•			•			52	26	22				•			0,65
3	20405	Cara Perlmutter Color B1	1	230	PES	95	7	•	•	•	•	•			•			63	3	34				•			0,61
7	20406	Cara Perlmutter Color B1	1	230	PES	95	7	•	•	•	•	•			•			36	55	9	•			•			0,72
13	20407	Cara Perlmutter Color B1	1	230	PES	95	7	•	•	•	•	•			•			18	63	19	•			•			0,79
17	20408	Cara Perlmutter Color B1	1	230	PES	95	7	•	•	•	•	•			•			38	54	8	•			•			0,72
18	20409	Cara Perlmutter Color B1	1	230	PES	95	7	•	•	•	•	•			•			23	74	3	•	•	•	•			0,72
16	20410	Cara Perlmutter Color B1	1	230	PES	95	7	•	•	•	•	•			•			56	18	26				•			0,63
8	20411	Cara Perlmutter Color B1	1	230	PES	95	7	•	•	•	•	•			•			58	13	29				•			0,63
15	20412	Cara Perlmutter Color B1	1	230	PES	95	7	•	•	•	•	•			•			45	38	17	•			•			0,67
14	20413	Cara Perlmutter Color B1	1	230	PES	95	7	•	•	•	•	•			•			20	76	4	•	•	•	•			0,75
8	20414	Cara Perlmutter Color B1	1	230	PES	95	7	•	•	•	•	•			•			50	24	26				•			0,65
9	20415	Cara Perlmutter Color B1	1	230	PES	95	7	•	•	•	•	•			•			32	56	12	•			•			0,68
10	20416	Cara Perlmutter Color B1	1	230	PES	95	7	•	•	•	•	•			•			30	62	8	•	•		•			0,69
11	20417	Cara Perlmutter Color B1	1	230	PES	95	7	•	•	•	•	•			•			28	66	6	•	•		•			0,71
12	20418	Cara Perlmutter Color B1	1	230	PES	95	7	•	•	•	•	•			•			19	78	3	•	•	•	•			0,78
13	20419	Cara Perlmutter Color B1	1	230	PES	95	7	•	•	•	•	•			•			37	61	2	•	•	•	•			0,60
2	20501	Cara Crush Perlmutter Color	1	215	PES	113	7	•	•	•	•	•			•			67	3	30				•			0,57
2	20502	Cara Crush Perlmutter Color	1	215	PES	113	7	•	•	•	•	•			•			68	4	28				•			0,58
3	20503	Cara Crush Perlmutter Color	1	215	PES	113	7	•	•	•	•	•			•			66	7	27				•			0,58
3	20504	Cara Crush Perlmutter Color	1	215	PES	113	7	•	•	•	•	•			•			64	11	25				•			0,59
5	20505	Cara Crush Perlmutter Color	1	215	PES	113	7	•	•	•	•	•			•			59	18	23				•			0,61
7	20506	Cara Crush Perlmutter Color	1	215	PES	113	7	•	•	•	•	•			•			56	24	20	•			•			0,63
7	20507	Cara Crush Perlmutter Color	1	215	PES	113	7	•	•	•	•	•			•			37	57	6	•	•		•			0,73
9	20508	Cara Crush Perlmutter Color	1	215	PES	113	7	•	•	•	•	•			•			32	65	3	•	•	•	•			0,70
9	20509	Cara Crush Perlmutter Color	1	215	PES	113	7	•	•	•	•	•			•			37	53	10	•			•			0,67
8	20510	Cara Crush Perlmutter Color	1	215	PES	113	7	•	•	•	•	•			•			56	22	22				•			0,64
10	20511	Cara Crush Perlmutter Color	1	215	PES	113	7	•	•	•	•	•			•			23	74	3	•	•	•	•			0,71
15	20512	Cara Crush Perlmutter Color	1	215	PES	113	7	•	•	•	•	•			•			58	23	19	•			•			0,62
15	20513	Cara Crush Perlmutter Color	1	215	PES	113	7	•	•	•	•	•			•			43	45	12	•			•			0,69
15	20514	Cara Crush Perlmutter Color	1	215	PES	113	7	•	•	•	•	•			•			46	42	12	•			•			0,63
14	20515	Cara Crush Perlmutter Color	1	215	PES	113	7	•	•	•	•	•			•			55	25	20	•			•			0,62
13	20516	Cara Crush Perlmutter Color	1	215	PES	113	7	•	•	•	•	•			•			35	60	5	•	•	•	•			0,67
13	20517	Cara Crush Perlmutter Color	1	215	PES	113	7	•	•	•	•	•			•			14	86	0	•	•	•	•			0,80
16	20518	Cara Crush Perlmutter Color	1	215	PES	113	7	•	•	•	•	•			•			60	19	21				•			0,61
17	20519	Cara Crush Perlmutter Color	1	215	PES	113	7	•	•	•	•	•			•			37	58	5	•	•	•	•			0,73
12	20520	Cara Crush Perlmutter Color	1	215	PES	113	7	•	•	•	•	•			•			29	67	4	•	•	•	•			0,74
18	20521	Cara Crush Perlmutter Color	1	215	PES	113	7	•	•	•	•	•			•			17	82	1	•	•	•	•			0,85

PES = polyester, CV = viscose, BI = binder

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10 Material properties of the fabrics

Fabric overview (ascending by design no.)

card	design no.	collection name	price group	width (cm)	material	weight in g/m ²	light fastness	washable at max. 30°	damp cleaning	suitable for damp locations	flame retardant according to DIN 4102 B1	perlex coated	stain resistant	transparent	semi transparent	dim out	black out	values in %			in accordance with EU guidelines for computer work places:				Oeko-Tex standard 100	Fc-value according to DIN 4108/EN 13363-1/ref. Glass: U = 1.6
																		light reflection	light absorption	light transmission	N 20%	E 6 %	S 5 %	W 6 %		
3	20601	Crush Permutt Color	2	216	PES	95	6-7	•	•	•		•			•			60	12	28				•	0,68	
7	20604	Crush Permutt Color	2	216	PES	95	6-7	•	•	•		•			•			36	55	9	•			•	0,78	
15	20607	Crush Permutt Color	2	216	PES	95	6-7	•	•	•		•			•			61	8	31				•	0,68	
11	20610	Crush Permutt Color	2	216	PES	95	6-7	•	•	•		•			•			26	69	5	•	•	•	•	0,73	
3	20611	Crush Permutt Color	2	216	PES	95	6-7	•	•	•		•			•			61	9	30				•	0,68	
5	20616	Crush Permutt Color	2	216	PES	95	6-7	•	•	•		•			•			63	6	31				•	0,67	
5	20617	Crush Permutt Color	2	216	PES	95	6-7	•	•	•		•			•			43	41	16	•			•	0,74	
5	20618	Crush Permutt Color	2	216	PES	95	6-7	•	•	•		•			•			53	22	25				•	0,71	
15	20619	Crush Permutt Color	2	216	PES	95	6-7	•	•	•		•			•			45	38	17	•			•	0,73	
14	20621	Crush Permutt Color	2	216	PES	95	6-7	•	•	•		•			•			38	51	11	•			•	0,74	
12	20623	Crush Permutt Color	2	216	PES	95	6-7	•	•	•		•			•			49	28	23				•	0,70	
9	20626	Crush Permutt Color	2	216	PES	95	6-7	•	•	•		•			•			34	54	12	•			•	0,75	
5	20627	Crush Permutt Color	2	216	PES	95	6-7	•	•	•		•			•			54	22	24				•	0,69	
8	20628	Crush Permutt Color	2	216	PES	95	6-7	•	•	•		•			•			66	1	33				•	0,65	
8	20629	Crush Permutt Color	2	216	PES	95	6-7	•	•	•		•			•			60	11	29				•	0,68	
2	20632	Crush Permutt Color	2	216	PES	95	6-7	•	•	•		•			•			67	0	33				•	0,65	
6	20633	Crush Permutt Color	2	216	PES	95	6-7	•	•	•		•			•			63	6	31				•	0,67	
5	20634	Crush Permutt Color	2	216	PES	95	6-7	•	•	•		•			•			58	14	28				•	0,69	
10	20635	Crush Permutt Color	2	216	PES	95	6-7	•	•	•		•			•			39	54	7	•			•	0,65	
12	20636	Crush Permutt Color	2	216	PES	95	6-7	•	•	•		•			•			33	58	9	•			•	0,70	
10	20637	Crush Permutt Color	2	216	PES	95	6-7	•	•	•		•			•			26	66	8	•			•	0,70	
9	20638	Crush Permutt Color	2	216	PES	95	6-7	•	•	•		•			•			37	47	16	•			•	0,70	
15	20639	Crush Permutt Color	2	216	PES	95	6-7	•	•	•		•			•			55	23	22				•	0,70	
14	20640	Crush Permutt Color	2	216	PES	95	6-7	•	•	•		•			•			44	35	21				•	0,70	
13	20641	Crush Permutt Color	2	216	PES	95	6-7	•	•	•		•			•			37	53	10	•			•	0,70	
16	20642	Crush Permutt Color	2	216	PES	95	6-7	•	•	•		•			•			39	51	10	•			•	0,80	
16	20643	Crush Permutt Color	2	216	PES	95	6-7	•	•	•		•			•			53	26	21				•	0,70	
2	30001	Orbit	4	230	PES/CV	85	5-7	•	•	•			•		•			41	1	58				•	0,72	
1	30061	Samira	3	230	PES	106	5-7	•	•	•					•			53	2	45				•	0,64	
1	30071	Retro	2	230	PES	74	5-7	•	•	•					•			58	1	41				•	0,60	
T 3	30091	Barisi	2	230	PES	143	5-7	•	•	•					•			46	18	36				•	0,65	
T 3	30092	Barisi	2	230	PES	143	5-7	•	•	•					•			41	41	18	•			•	0,63	
T 3	30093	Barisi	2	230	PES	143	5-7	•	•	•					•			28	55	17	•			•	0,68	
T 3	30094	Barisi	2	230	PES	143	5-7	•	•	•					•			36	41	23				•	0,66	
T 3	30095	Barisi	2	230	PES	143	5-7	•	•	•					•			48	18	34				•	0,63	
T 3	30096	Barisi	2	230	PES	143	5-7	•	•	•					•			37	39	24				•	0,65	
T 3	30097	Barisi	2	230	PES	143	5-7	•	•	•					•			6	93	1	•	•	•	•	0,86	
T 3	30098	Barisi	2	230	PES	143	5-7	•	•	•					•			6	92	2	•	•	•	•	0,86	
1	30131	Para	1	230	PES	106	5-7	•	•	•					•			44	3	53				•	0,70	
3	30225	Linea	2	225	PES	105	5-6	•	•	•					•			65	9	26				•	0,55	
16	30226	Linea	2	225	PES	105	5-6	•	•	•					•			55	20	25				•	0,59	
1	30227	Linea	2	225	PES	105	5-6	•	•	•					•			63	0	37				•	0,56	
7	30229	Linea	2	225	PES	105	5-6	•	•	•					•			25	67	8	•			•	0,79	
18	30230	Linea	2	225	PES	105	5-6	•	•	•					•			15	81	4	•	•	•	•	0,84	
4	30271	Arela	1	195	PES/CV/BI	75	5-6	•	•	•			•		•			47	1	52				•	0,67	
6	30273	Arela	1	195	PES/CV/BI	75	5-6	•	•	•			•		•			25	21	54				•	0,74	
12	30274	Arela	1	195	PES/CV/BI	75	5-6	•	•	•			•		•			45	0	55				•	0,68	
6	30291	Terrano	1	195	PES	75	5-6	•	•	•			•		•			58	0	42				•	0,58	
4	30293	Terrano	1	195	PES	75	5-6	•	•	•			•		•			56	1	43				•	0,60	
2	30294	Terrano	1	195	PES/CV/BI	75	5-6	•	•	•			•		•			68	0	32				•	0,55	
16	30295	Terrano	1	195	PES/CV/BI	75	5-6	•	•	•			•		•			62	10	28				•	0,58	
14	30311	Primavera	2	220	PES	105	5-6	•	•	•					•			55	0	45				•	0,60	

PES = polyester, CV = viscose, BI = binder

All indications are average values and can differ according to the commercial tolerances upwards and downwards. Technical changes are reserved.

10 Material properties of the fabrics

Fabric overview (ascending by design no.)

card	design no.	collection name	price group	width (cm)	material	weight in g/m ²	light fastness	washable at max. 30°	damp cleaning	suitable for damp locations	flame retardant according to DIN 4102 B1	perlax coated	stain resistant	transparent	semi transparent	dim out	black out	values in %			in accordance with EU guidelines for computer work places:				Oeko-Tex standard 100	Fc-value according to DIN 4108/EN 13363-1/ref. Glass: U = 1,6
																		light-reflection	light-absorption	light-transmission	N 20%	E 6 %	S 5 %	W 6 %		
18	30312	Primavera	2	220	PES	105	5-6	•	•	•					•			56	0	44				•	0,59	
6	30313	Primavera	2	220	PES	105	5-6	•	•	•					•			55	0	45				•	0,60	
11	30314	Primavera	2	220	PES	105	5-6	•	•	•					•			54	0	46				•	0,62	
9	30315	Primavera	2	220	PES	105	5-6	•	•	•					•			26	27	47				•	0,79	
4	30332	Liana	2	200	PES	90	5-6	•	•	•					•			41	17	42				•	0,70	
4	30334	Liana	2	200	PES	90	5-6	•	•	•					•			50	0	50				•	0,65	
17	30401	Maleza	2	220	PES	105	5-6	•	•	•					•			24	65	11	•			•	0,79	
6	30402	Maleza	2	220	PES	105	5-6	•	•	•					•			52	11	37				•	0,63	
1	30403	Maleza	2	220	PES	105	5-6	•	•	•					•			60	0	40				•	0,58	
15	30404	Maleza	2	220	PES	105	5-6	•	•	•					•			42	33	25				•	0,68	
13	30405	Maleza	2	220	PES	105	5-6	•	•	•					•			24	68	8	•			•	0,76	
1	30431	Twist	2	220	PES	105	5-6	•	•	•					•			60	0	40				•	0,57	
1	30492	Long Crush	2	200	PES	90	5-6	•	•	•					•			65	1	34				•	0,53	
2	30511	Nudo	1	230	PES	79	5-7	•	•	•				•				40	3	57				•	0,72	
T 2	30531	Techno	2	225	PES	55	5-6	•	•	•				•				43	20	37				•	0,67	
T 2	30532	Techno	2	225	PES	55	5-6	•	•	•				•				24	44	32				•	0,76	
T 2	30535	Techno	2	225	PES	55	5-6	•	•	•				•				26	21	53				•	0,77	
1	30551	Battra	2	220	PES	105	5-6	•	•	•					•			76	1	23				•	0,46	
1	30571	Arabesque	2	220	PES	105	5-6	•	•	•					•			76	1	23				•	0,46	
4	30572	Arabesque	2	220	PES	105	5-6	•	•	•					•			55	10	35				•	0,61	
18	30573	Arabesque	2	220	PES	105	5-6	•	•	•					•			0	94	6	•	•	•	•	0,90	
16	30574	Arabesque	2	220	PES	105	5-6	•	•	•					•			46	34	20	•			•	0,66	
T 3	30591	Tova	2	192	PES	114	6	•	•	•					•			35	38	27				•	0,77	
T 3	30592	Tova	2	192	PES	114	6	•	•	•					•			29	48	23				•	0,78	
T 3	30593	Tova	2	192	PES	114	6	•	•	•					•			38	30	32				•	0,76	
16	30611	Merisa	1	230	PES	113	5-7	•	•	•					•			38	46	16	•			•	0,64	
4	30612	Merisa	1	230	PES	113	5-7	•	•	•					•			58	11	31				•	0,59	
9	30613	Merisa	1	230	PES	113	5-7	•	•	•					•			35	50	15	•			•	0,65	
2	30614	Merisa	1	230	PES	113	5-7	•	•	•					•			61	2	37				•	0,59	
2	30631	Inula	3	230	PES	118	5-7	•	•	•				•				37	2	61				•	0,74	
15	30632	Inula	3	230	PES	118	5-7	•	•	•				•				21	28	51				•	0,80	
14	30633	Inula	3	230	PES	118	5-7	•	•	•				•				17	43	40				•	0,80	
13	30634	Inula	3	230	PES	118	5-7	•	•	•				•				20	38	42				•	0,77	
7	30635	Inula	3	230	PES	118	5-7	•	•	•				•				17	46	37				•	0,78	
6	30636	Inula	3	230	PES	118	5-7	•	•	•				•				20	33	47				•	0,79	
T 3	30651	Soneo	2	220	PES	142	4-6	•	•	•					•			27	60	13	•			•	0,69	
T 3	30652	Soneo	2	220	PES	142	4-6	•	•	•					•			27	58	15	•			•	0,69	
T 3	30653	Soneo	2	220	PES	142	4-6	•	•	•					•			60	3	37				•	0,60	
T 3	30671	Flax	2	220	PES	220	5-6	•	•	•					•			48	42	10	•			•	0,45	
T 3	30672	Flax	3	220	PES	220	5-6	•	•	•					•			14	79	7	•			•	0,45	
2	30691	Mira	4	230	PES/CV	106	5-7	•	•	•				•				41	1	58				•	0,72	
6	30692	Mira	4	230	PES/CV	106	5-7	•	•	•				•				41	1	58				•	0,72	
2	30693	Mira	4	230	PES/CV	106	5-7	•	•	•				•				41	1	58				•	0,72	
13	30694	Mira	4	230	PES/CV	106	5-7	•	•	•				•				8	73	19	•			•	0,80	
18	30721	Lindo	2	220	PES	240	5-6	•	•	•					•			9	85	6	•	•	•	•	0,45	
6	30722	Lindo	2	220	PES	240	5-6	•	•	•					•			22	66	12	•			•	0,45	
2	30723	Lindo	2	220	PES	240	5-6	•	•	•					•			65	17	18	•			•	0,45	
17	30741	Tosto	2	230	PES	150	5-6	•	•	•					•			39	29	32				•	0,71	
14	30742	Tosto	2	230	PES	150	5-6	•	•	•					•			25	55	20	•			•	0,75	
18	30743	Tosto	2	230	PES	150	5-6	•	•	•					•			28	57	15	•			•	0,77	
2	30761	Punta	2	235	PES	77	6-7	•	•	•				•				40	4	56				•	0,72	
1	30762	Punta	2	235	PES	77	6-7	•	•	•				•				39	7	54				•	0,72	

PES = polyester, CV = viscose, BI = binder

All indications are average values and can differ according to the commercial tolerances upwards and downwards. Technical changes are reserved.

10 Material properties of the fabrics

Fabric overview (ascending by design no.)

card	design no.	collection name	price group	width (cm)	material	weight in g/m ²	light fastness	washable at max. 30°	damp cleaning	suitable for clamp locations	flame retardant according to DIN 4102 B1	perlex coated	stain resistant	transparent	semi transparent	dim out	black out	values in %			in accordance with EU guidelines for computer work places:				Oeko-Tex standard 100	Fo-value according to DIN 4108/EN 13363-1/ref. Glass: U = 1,6
																		light reflection	light absorption	light transmission	N 20%	E 6 %	S 5 %	W 6 %		
16	30763	Punta	2	235	PES	77	6	•	•	•				•				28	27	45					•	0,75
13	30764	Punta	2	235	PES	77	6	•	•	•				•				12	66	22					•	0,78
9	30765	Punta	2	235	PES	77	6	•	•	•				•				16	57	27					•	0,77
2	30791	Picnic	2	195	PES	150	5-6		•	•					•			53	0	47					•	0,62
8	30792	Picnic	2	195	PES	150	5-6		•	•					•			50	7	43					•	0,66
10	30793	Picnic	2	195	PES	150	5-6		•	•					•			30	58	12	•				•	0,69
15	30794	Picnic	2	195	PES	150	5-6		•	•					•			42	27	31					•	0,69
14	30795	Picnic	2	195	PES	150	5-6		•	•					•			34	38	28					•	0,71
2	30811	Kastale	2	225	PES	105	5-6	•	•	•					•			57	0	43					•	0,59
6	30812	Kastale	2	225	PES	105	5-6	•	•	•					•			57	17	26					•	0,59
15	30813	Kastale	2	225	PES	105	5-6	•	•	•					•			49	22	29					•	0,60
12	30814	Kastale	2	225	PES	105	5-6	•	•	•					•			56	17	27					•	0,59
16	30815	Kastale	2	225	PES	105	5-6	•	•	•					•			59	18	23					•	0,57
4	30831	Circle	1	195	PES	150	5-6		•	•					•			52	0	48					•	0,62
17	30832	Circle	1	195	PES	150	5-6		•	•					•			50	1	49					•	0,64
7	30851	Wave	1	195	PES	150	5-6		•	•					•			52	0	48					•	0,64
16	30852	Wave	1	195	PES	150	5-6		•	•					•			52	0	48					•	0,63
13	40001	Lucero Perlmutter Black Out	4	225	PES	215	6-7		•	•			•				•	84	16	0	•	•	•	•	•	0,47
11	40002	Lucero Perlmutter Black Out	4	225	PES	215	6-7		•	•			•				•	86	14	0	•	•	•	•	•	0,47
13	40003	Lucero Perlmutter Black Out	4	225	PES	215	6-7		•	•			•				•	84	16	0	•	•	•	•	•	0,48
1	40071	Para Perlmutter	1	230	PES	124	5-7	•	•	•					•			66	5	29					•	0,57
4	40073	Para Perlmutter	1	230	PES	124	5-7	•	•	•					•			65	12	23					•	0,56
17	40075	Para Perlmutter	1	230	PES	124	5-7	•	•	•					•			57	30	13	•				•	0,58
8	40079	Para Perlmutter	1	230	PES	124	5-7	•	•	•					•			66	6	28					•	0,57
10	40080	Para Perlmutter	1	230	PES	124	5-7	•	•	•					•			60	21	19	•				•	0,58
15	40081	Para Perlmutter	1	230	PES	124	5-7	•	•	•					•			64	10	26					•	0,57
14	40082	Para Perlmutter	1	230	PES	124	5-7	•	•	•					•			60	22	18	•				•	0,58
4	40101	Linen Perlmutter Black Out	4	225	PES	215	6-7		•	•			•				•	84	16	0	•	•	•	•	•	0,49
17	40102	Linen Perlmutter Black Out	4	225	PES	215	6-7		•	•			•				•	82	18	0	•	•	•	•	•	0,50
16	40103	Linen Perlmutter Black Out	4	225	PES	215	6-7		•	•			•				•	83	17	0	•	•	•	•	•	0,49
17	40104	Linen Perlmutter Black Out	4	225	PES	215	6-7		•	•			•				•	83	17	0	•	•	•	•	•	0,49
8	40121	Stampo Perlmutter	2	230	PES	85	6-7	•	•				•				•	60	5	35					•	0,68
10	40122	Stampo Perlmutter	2	230	PES	85	6-7	•	•				•				•	60	5	35					•	0,68
11	40123	Stampo Perlmutter	2	230	PES	85	6-7	•	•				•				•	60	5	35					•	0,68
14	40124	Stampo Perlmutter	2	230	PES	85	6-7	•	•				•				•	60	5	35					•	0,68
8	40141	Quartett Perlmutter	2	230	PES	85	6-7	•	•				•				•	60	5	35					•	0,68
9	40142	Quartett Perlmutter	2	230	PES	85	6-7	•	•				•				•	60	5	35					•	0,68
11	40143	Quartett Perlmutter	2	230	PES	85	6-7	•	•				•				•	60	5	35					•	0,68
8	40161	Planta Perlmutter	2	230	PES	85	6-7	•	•				•				•	60	5	35					•	0,68
9	40162	Planta Perlmutter	2	230	PES	85	6-7	•	•				•				•	60	5	35					•	0,68
15	40163	Planta Perlmutter	2	230	PES	85	6-7	•	•				•				•	60	5	35					•	0,68
12	40164	Planta Perlmutter	2	230	PES	85	6-7	•	•				•				•	60	5	35					•	0,68
8	40181	Triangle Perlmutter	2	230	PES	85	6-7	•	•				•				•	60	5	35					•	0,68
10	40182	Triangle Perlmutter	2	230	PES	85	6-7	•	•				•				•	60	5	35					•	0,68
15	40183	Triangle Perlmutter	2	230	PES	85	6-7	•	•				•				•	60	5	35					•	0,68
12	40184	Triangle Perlmutter	2	230	PES	85	6-7	•	•				•				•	60	5	35					•	0,68

PES = polyester, CV = viscose, BI = binder

All indications are average values and can differ according to the commercial tolerances upwards and downwards. Technical changes are reserved.

10 Material properties of the fabrics

Fabric overview (ascending by design no.)

card	design no.	collection name	price group	width (cm)	material	weight in g/m ²	light fastness	washable at max. 30°	damp cleaning	suitable for damp locations	flame retardant according to DIN 4102 B1	perlex coated	stain resistant	transparent	semi transparent	dim out	black out	values in %			in accordance with EU guidelines for computer work places:				Oeko-Tex standard 100	Fc-value according to DIN 4108/EN 13363-1/ref. Glass: U = 1,6
																		light-reflection	light-absorption	light-transmission	N 20%	E 6 %	S 5 %	W 6 %		
SK H	0011		1	235	PES/LI	115	5-7	•	•	•			•					32	20	48				•		
SK H	0012		2	235	PES/VI	122	5-7		•				•					39	24	37				•		
SK H	0013		3	235	PES/VI	105	5-7		•						•			41	1	58				•		
SK H	0014		4	235	PES	102	5-7	•	•	•				•				43	4	53				•		
SK H	0021		1	235	PES/LI	115	5-7	•	•	•				•				35	15	50				•		
SK H	0022		2	235	PES/VI	122	5-7		•					•				46	10	44				•		
SK H	0023		3	235	PES/VI	105	5-7		•						•			41	1	58				•		
SK H	0031		1	235	PES/LI	115	5-7	•	•	•				•				43	8	49				•		
SK H	0033		3	235	PES/VI	105	5-7		•						•			41	1	58				•		
SK H	0051		1	240	PES	90	6-7	•	•	•				•				45	2	53				•	0,7	
SK H	0052		2	240	PES	56	6	•	•	•				•				28	7	65				•	0,8	
SK H	0061		1	240	PES	90	6	•	•	•				•				27	38	35				•	0,74	
SK H	0062		2	240	PES	56	6	•	•	•				•				28	9	63				•	0,8	
SK H	0071		1	240	PES	90	6	•	•	•				•				31	25	44				•	0,75	
SK H	0072		2	240	PES	56	6	•	•	•				•				25	14	61				•	0,81	
SK R	0102		2	180	PES	223	5-7	•	•	•							•	79	21	0	•	•	•	•	•	
SK R	0103		3	215	PES	140	6	•	•	•							•	85	15	0	•	•	•	•	•	
SK R	0112		2	180	PES	223	5-7	•	•	•							•	79	21	0	•	•	•	•	•	
SK R	0113		3	215	PES	140	6	•	•	•							•	85	15	0	•	•	•	•	•	
SK R	0122		2	180	PES	223	5-7	•	•	•							•	14	86	0	•	•	•	•	•	
SK R	0123		3	215	PES	140	6	•	•	•							•	85	15	0	•	•	•	•	•	
SK R	0132		2	180	PES	223	5-7	•	•	•							•	5	95	0	•	•	•	•	•	
SK R	0133		3	215	PES	140	6	•	•	•							•	85	15	0	•	•	•	•	•	
SK R	0142		2	180	PES	223	5-7	•	•	•							•	72	28	0	•	•	•	•	•	
SK R	0143		3	215	PES	140	6	•	•	•							•	85	15	0	•	•	•	•	•	
SK R	0152		2	180	PES	223	5-7	•	•	•							•	60	40	0	•	•	•	•	•	
SK R	0153		3	215	PES	140	6	•	•	•							•	85	15	0	•	•	•	•	•	
SK R	0162		2	180	PES	223	5-7	•	•	•							•	50	50	0	•	•	•	•	•	
SK R	0163		3	215	PES	140	6	•	•	•							•	85	15	0	•	•	•	•	•	
SK R	0172		2	180	PES	223	5-7	•	•	•							•	15	85	0	•	•	•	•	•	
SK R	0173		3	215	PES	140	6	•	•	•							•	85	15	0	•	•	•	•	•	
SK R	0182		2	180	PES	223	5-7	•	•	•							•	6	94	0	•	•	•	•	•	
SK R	0192		2	180	PES	223	5-7	•	•	•							•	7	93	0	•	•	•	•	•	
SK R	0202		2	180	PES	223	5-7	•	•	•							•	85	15	0	•	•	•	•	•	
SK W	1304	Circles	4	225	PES	130	5-7		•	•				•			•	57	0	43				•	0,61	
SK C	1351	Wooden	1	220	PES	160	5-6	•		•			•		•		•	45	39	16	•			•	0,80	
SK W	1361	Wooden	1	220	PES	160	5-6	•		•			•		•		•	59	27	14	•			•	0,80	
SK C	1401	Wooden	1	220	PES	160	5-6	•		•			•		•		•	19	65	16	•			•	0,80	
SK W	1691	Wooden	1	220	PES	160	5-6	•		•			•		•		•	69	19	12	•			•	0,80	
SK C	1751	Wooden	1	220	PES	160	5-6	•		•			•		•		•	47	34	19	•			•	0,80	
SK C	1921	Springs	1	225	PES	98	5-7		•	•					•		•	47	6	47				•		
SK C	1931	Springs	1	225	PES	98	5-7		•	•					•		•	47	7	46				•	0,67	
SK W	2101	Plektra	1	230	PES	128	6		•	•					•		•	54	38	8	•			•	0,70	
SK W	2113	Floret	3	220	PES	120	6-7	•	•	•					•		•	55	25	20	•			•	0,80	
SK W	2123	Floret	3	220	PES	120	6-7	•	•	•					•		•	57	20	23				•	0,80	
SK C	2143	Twist	3	240	PES	136	6-7	•	•	•					•		•	59	7	34				•	0,59	
SK W	2201	Fillineri	1	215	PES/PA	55	6-7	•	•	•					•		•	13	0	87				•	0,87	
SK C	2232	Hamlet	2	240	PES	95	5-6	•	•	•					•		•	35	40	25				•	0,69	
SK C	2271	Wooden	1	220	PES	160	5-6	•		•			•		•		•	42	40	18	•			•	0,80	
SK C	2303	Twist	3	240	PES	136	5	•	•	•					•		•	43	43	14	•			•	0,62	
SK W	2304	Circles	4	225	PES	130	5-7		•	•					•		•	57	0	43				•	0,61	
SK C	2402	Hamlet	2	240	PES	95	5	•	•	•					•		•	27	55	18	•			•	0,69	

PES = polyester, PA = polyamide, VI = viscose, LI = linen

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10 Material properties of the fabrics

Fabric overview (ascending by design no.)

card	design no.	collection name	price group	width (cm)	material	weight in g/m ²	light fastness	washable at max. 30°	damp cleaning	suitable for damp locations	flame retardant according to DIN 4102 B1	perlex coated	stain resistant	transparent	semi transparent	dim out	black out	values in %			in accordance with EU guidelines for computer work places:				Oeko-Tex standard 100	Fo-value according to DIN 4108/EN 13363-1/ref. Glass: U = 1,6			
																		light reflection	light absorption	light transmission	N 20%	E 6 %	S 5 %	W 6 %					
SK C	2403*	Silver Smoke	3	220	PES	108	5-7		•	•		•				•			21	79	0	•	•	•	•	•			
SK C	2421	Springs	1	225	PES	98	5-7		•	•					•				47	7	46						•	0,67	
SK C	2423	Twist	3	240	PES	136	6	•	•	•									43	43	14	•					•	0,63	
SK C	2442	Hamlet	2	240	PES	95	6	•	•	•					•				37	36	27						•	0,68	
SK C	2492	Hamlet	2	240	PES	95	6	•	•	•					•				8	86	6	•	•		•	•		0,73	
SK W	3121	Barock	1	230	PES	78	5-7		•						•				52	3	45						•	0,63	
SK W	4100	Latteo	0	225	PES	102	5-7	•	•	•				•					43	4	53						•	0,70	
SK C	4110	Latteo	0	225	PES	102	5-7	•	•	•				•					33	24	43						•		
SK C	4120	Latteo	0	225	PES	102	5-7	•	•	•				•					38	12	50						•		
SK C	4140	Latteo	0	225	PES	102	5-7	•	•	•				•					32	23	45						•		
SK C	4190	Latteo	0	225	PES	102	5-7	•	•	•				•					40	8	52						•		
SK W	4312	Asia	2	245	PES	75	5	•	•	•				•					49	1	50						•	0,67	
SK W	4352	Asia	2	245	PES	75	5	•	•	•				•					48	4	48						•	0,68	
SK C	4421	Centric	1	230	PES	125	6		•	•				•					18	47	35						•	0,70	
SK C	4431	Centric	1	230	PES	125	6		•	•				•					5	92	3	•	•	•	•	•	•	•	0,70
SK C	4621	Centric	1	230	PES	125	6		•	•				•					16	55	29						•	0,70	
SK C	4631	Centric	1	230	PES	125	6		•	•				•					4	88	8	•					•	0,70	
SK W	4963	Rain	3	225	PES/VI	87	5-7		•					•					39	3	58						•		
SK C	6252	Ornament	2	225	PES	95	5-7	•	•	•							•		11	84	5	•	•	•	•	•	•		
SK C	6262	Ornament	2	225	PES	95	5-7	•	•	•							•		7	92	1	•	•	•	•	•	•		
SK C	6292	Ornament	2	225	PES	95	5-7	•	•	•							•		16	74	10	•					•		
SK C	6312	Ornament	2	225	PES	95	5-7	•	•	•					•				51	14	35						•		
SK C	6322	Ornament	2	225	PES	95	5-7	•	•	•					•				37	39	24						•		
SK C	6362	Ornament	2	225	PES	95	5-7	•	•	•							•		13	82	5	•	•	•	•	•	•	0,73	
SK W	6543	Woven Waves	3	235	PES	110	6	•	•	•				•					29	0	71						•	0,76	
SK W	6553	Woven Waves	3	235	PES	110	6	•	•	•				•					32	0	68						•	0,76	
SK C	6612	Bambus	2	225	PES	88	5-7	•	•	•					•				37	47	16	•					•		
SK W	8012	Quadri	2	225	PES	108	5-7	•	•	•					•				43	11	46						•	0,69	
SK C	8022	Bloom	2	230	PES	110	5-6		•						•				57	1	42						•	0,60	
SK C	8032	Bloom	2	230	PES	110	5-6		•						•				57	1	42						•	0,60	
SK C	8052	Lineo	2	230	PES	110	5-6		•						•				57	1	42						•	0,60	
SK C	8062	Lineo	2	230	PES	110	5-6		•						•				57	1	42						•	0,60	
SK C	8072	Lineo	2	230	PES	110	5-6		•						•				57	1	42						•	0,60	
SK W	8092	Japanese	2	200	PES/VI	70	5-6		•	•				•		•			42	0	58						•	0,57	
SK C	8102	Santos	2	240	PES	88	4-5	•	•	•				•					29	29	42						•	0,74	
SK W	8104	Graph	4	235	PES/VI	100	5-6	•	•	•				•					48	0	52						•	0,51	
SK C	8112	Santos	2	240	PES	88	5-6	•	•	•				•					25	39	36						•	0,76	
SK W	8114	Graph	4	235	PES/VI	100	5-6	•	•	•				•					43	1	56						•	0,56	
SK C	8122	Santos	2	240	PES	88	4-5	•	•	•				•					40	6	54						•	0,72	
SK W	8203	Daisy	3	235	PES	100	5-6	•	•	•				•					47	0	53						•	0,66	
SK C	8453	Tessuto	3	225	PES	110	5-7	•	•	•					•				11	80	9	•					•	0,86	
SK W	8482	Candia	2	225	PES	75	5-7		•	•					•				45	7	48						•		
SK C	8492	Candia	2	225	PES	75	5-7		•	•					•				40	19	41						•		
SK W	8563	Sparkle	3	225	PES	131	5-7	•	•	•					•				57	5	38						•	0,61	
SK W	9011	Newspaper	1	230	PES	130	5-7		•	•					•				44	30	26						•	0,67	

PES = polyester, PA = polyamide, VI = viscose, LI = linen,
* Attention: Dessin can shimmer red in unfavorable light.

All indications are average values and can differ according to the commercial tolerances upwards and downwards. Technical changes are reserved.