

**Facade awnings from Griesser.
Sigara®**



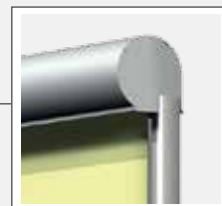


Sigara®

The vertical awning Sigara® offers more than horizontal solar shading. It's available as integrated or front installation version and offers the ideal solution for creating a design accent with your awning. No header is necessary for the facade installation. Or are you looking for vertical solar shading for your balcony? Then you can use the overhead balcony for ceiling installation.

The possibilities are almost unlimited. Four great textile collections as well as a broad spectrum of colors provide a multiplicity of fabric and hues for giving your facade a modern design.





Front mounted system



Built-in system



Wind protection

Product Highlights Sigara®



Fabric look

PRODUCT ADVANTAGES IN DETAIL



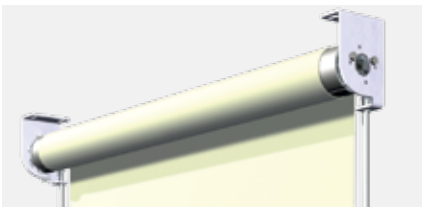
Fabric look

The two material collections, Screen and Soltis, offer a large selection of very different colors. You can choose the material that fits your facade – we're happy to advise you.



Front mounted system

Our front mounted system is available in the both Box Design and Box Square. Both boxes can be fitted with guide cable or rails.



Built-in system

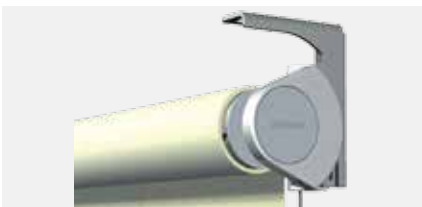
The built-in system can be discreetly integrated into your facade. The bearing version is also available with guide cable or rails.



Wind protection (optional)

Fabric blinds are sensitive to wind. To ensure secure, stable and quiet shading, wind protection (optional) should be provided as of a height-to-width ratio of 3 to 1 or as of a height of 3000 mm, so that wind forces can be absorbed. Depending on the situation and the type of awning, simple wind protection, wind load supports or transverse cables can be employed.

In spite of these measures, facade awnings must be retracted when wind speeds exceed 28 km/h. For motorised facade awnings, this can be achieved by a wind sensor and a controller which cause the awning to be retracted when it is too windy.



Attractive bearings (optional)

In many cases, facade awnings can be attached using standard bearings. This is especially the case if the attachment bearings can be mounted in such a way that they are covered. If the attachment points are visible, shapely and attractive bearings are available for attaching the tubes.

Fabric collections and colors



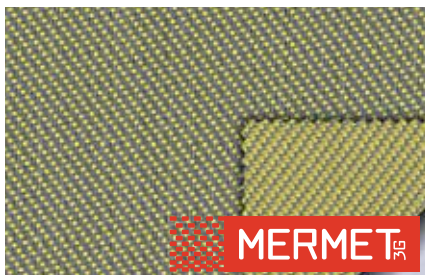
COLLECTION CITY & CROMIE



COLLECTION SOLTIS



COLLECTION SCREEN



A VERSATILE WORLD OF MATERIALS

Acrylic materials

The awning patterns of the Collection City and Cromie are coordinated with the color schemes of today. There is a suitable awning fabric for every taste. All of the materials have, thanks to state-of-the-art nanotechnology, dirt-repellant and water-repellent properties.

Soltis gauzes

A broad selection of colours is offered by the Soltis Collection, which includes the fabric types Soltis 86, Soltis 92, Soltis Black out B92 and B702. The latticed fabric lends the shaded room a natural brightness and provides the necessary solar shading. The Soltis Black out Collection is impermeable to light.

Screen gauze

The Screen materials feature a wide range of colors. The unusual patterns are an instant eye-catcher, lending the material a special touch. The Classic Satiné 5500 gauze allows plenty of brightness into the room.

FABRIC RECOMMENDATIONS FOR FUNCTIONAL BUILDINGS

In the interest of thermal protection, the g-value must be $\leq 10\%$

To ensure adequate protection from glare, transparency must be $\leq 5\%$

Light transmittance must be $\geq 5\%$ to provide optimal utilisation of daylight

To obtain the best possible thermal protection, a fabric with the the lowest thermal transmittance (T_e) possible should be chosen, and the colour should be rather dark

OUR COLORS

Basic

Extruded aluminium parts are transparently anodized, cast parts are untreated and sandblasted (spacers baked enamel finish RAL 9006), the steel parts are galvanized.

PREMIUM COLORS

GriColors

The GriColors range includes 100 color shades in four collections, Glass & Stone, Sun & Fire, Water & Moss and Earth & Wood – from cool white and sunny red to natural blue and earthy brown.

Collection GriRal Colors

Our GriRal color collection has an assortment of 50 different RAL shades of color. From sand yellow to standard white, we offer a complete selection of hues for every color family. We're convinced that with our color palette, you will find exactly the right shade of color for your needs.

SPECIAL COLORS

Color means individuality - there are practically no limits to our Special Colors. No wish goes unanswered with additional innumerable and facade-ready color tones.



A close-up, low-angle shot of a window blind. The blind features a white, fine-mesh screen that is partially extended. The screen is held in place by a dark, possibly black or dark grey, frame. The frame has a smooth, slightly reflective surface. The background is dark and out of focus, suggesting an interior setting. The lighting is soft, highlighting the texture of the mesh and the sleek lines of the frame.

Our comfort

CONTROLS

Sigara® can be operated through a variety of control systems, from a simple hand-held transmitter to a master control or a building management system, depending on the time, position of the sun and the weather.

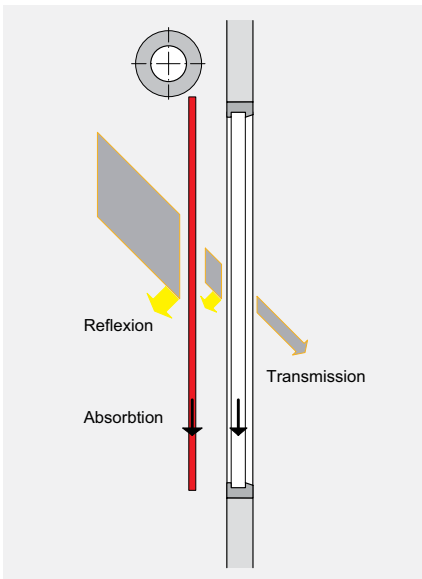
Thermal comfort

The ambient conditions change over the course of the day and during the seasons. With a blinds control device from Griesser, you can adjust your solar shading to match your personal requirements in accordance with changing exterior circumstances. And making these adjustments is so simple that you will still have time to take care of the important things in your life.

An optimal daylight concept makes artificial air conditioning superfluous in the summer. You save energy costs and may well also avoid one or another unwanted summer cold. In the winter, on the other hand, a solar shading system can protect you against cold and allow the scarce rays of the sun into the room, thus saving once again on energy costs, not to mention facial tissues.

Visual comfort

Feeling at ease especially means being able to decide on the amount of privacy you would like in your own home. The Sigara® shelters you from uninvited glances from the outside world.



BiLine hand-held transmitter



Centrero server for iPad and iPhone operation

BiLine - RADIO CONTROLS

The Griesser BiLine control system offers reliable radio transmission combined with contemporary design and an esthetic that fits in unobtrusively in any surroundings. Wireless systems have the advantage of being installed quickly, not only in new buildings but also when refitting an automated system in existing buildings.



KNX HOME AND BUILDING AUTOMATION

The Griesser KNX solar shading controller is an integrated master control with extensive functionalities for any building of any size. With proven functions such as solar tracking and horizon limitation, it meets the highest expectations for solar shading control.

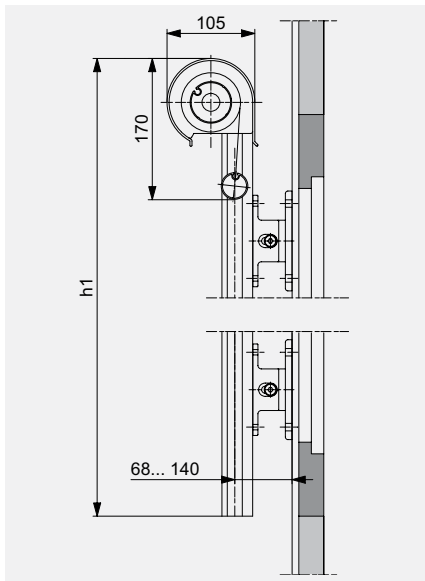


KNX controls per iPad

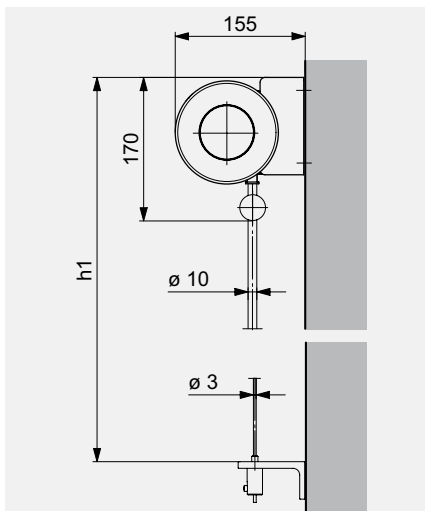


Technology in detail

Vertical section: example facade

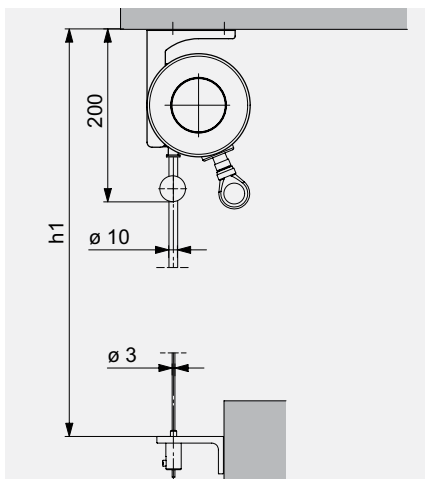


Guide rails



Guide cable / slat

Vertical section: example under ceiling



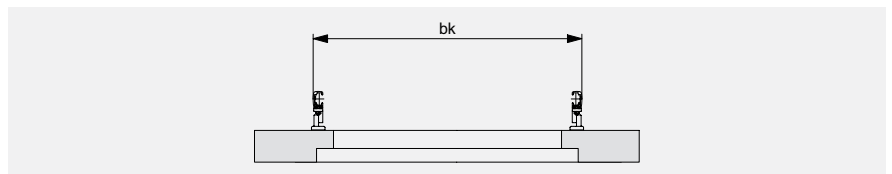
Slat / guide cable

INSTALLATION SYSTEM

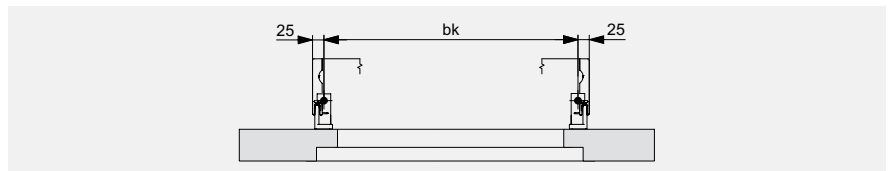
Sigara® Box

Guide style	Guide cable or guide slat		Guide rails	
Operation	Manual drive	Motor drive	Manual drive	Motor drive
Single awning				
Min. width (bk)	400	600	400	650
Max. width (bk)	4000	4000	3500	3500
Min. height (h1)	400	400	520	520
Max. height (h1)	4000	4000	3500	3500
Max. surface area	10 m ²	10 m ²	8 m ²	8 m ²
Connected systems				
Max. width	4000	8000	6000	8000
Max. surface area	10 m ²	24 m ²	12 m ²	18 m ²

Horizontal section

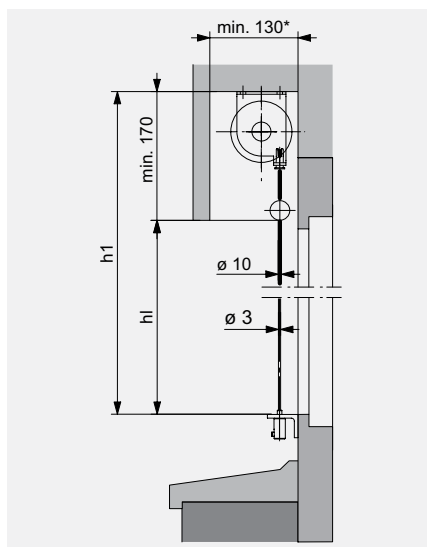


Guide rails



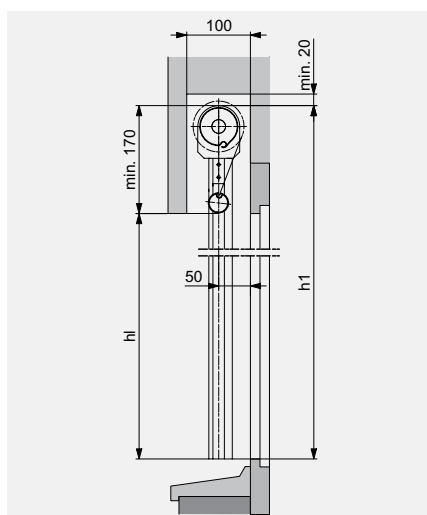
Guide cable / slat

Vertical section: example header



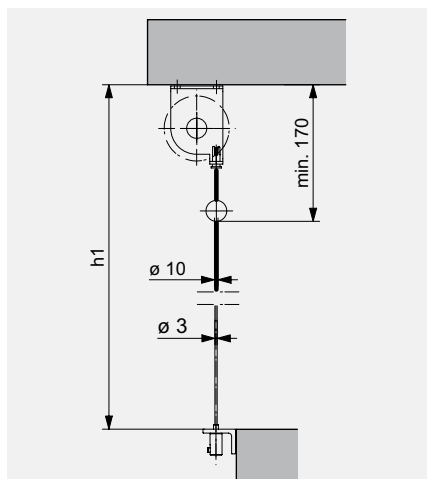
Guide cable / slat

* Manual drive min. 150 mm



Guide rails

Vertical section: example under ceiling



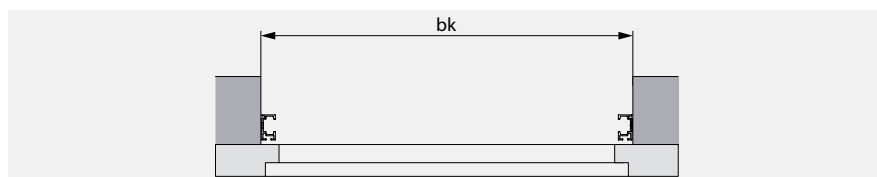
Slat / guide cable

BUILT-IN SYSTEM

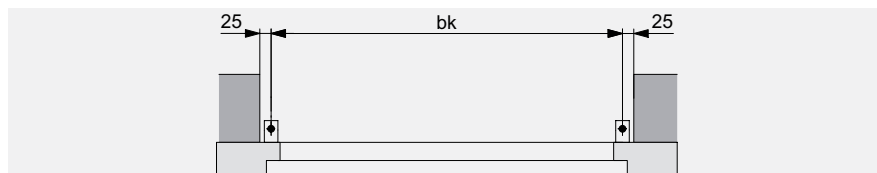
Sigara®

Guide style	Guide cable or guide slat		Guide rails	
	Manual drive	Motor drive	Manual drive	Motor drive
Operation				
Single awning				
Min. width (bk)	400	600	400	650
Max. width (bk)	4000	4000	3500	3500
Min. height (hl)	230	230	350	350
Max. height (hl)	3830	3830	3330	3330
Max. surface area	10 m ²	10 m ²	8 m ²	8 m ²
Connected systems				
Max. width	4000	8000	6000	8000
Max. surface area	10 m ²	24 m ²	12 m ²	18 m ²

Horizontal section

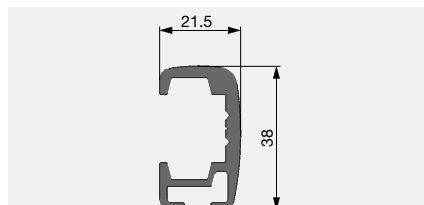


Guide rails

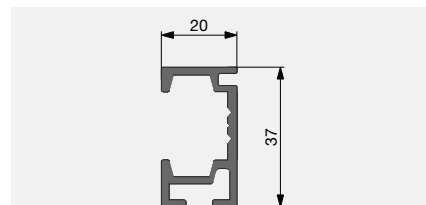


Guide cable / slat

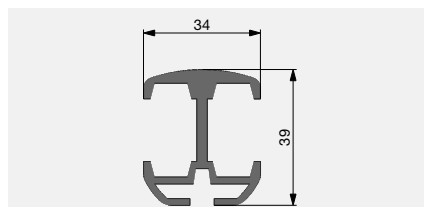
Guide rails



C profile circular



C profile square



Double guide



Your partner:

Griesser solar shading – Quality since 1882.
www.griessergroup.com



Subject to changes, factual and
typographical errors excepted

V08.15