

## External venetian blinds by Griesser. Solomatic R®



min. 520 mm, crank drive  
min. 650 mm, motor drive  
max. 3600 mm



min. 520 mm  
max. 5000 mm



max. 7 m<sup>2</sup>, single blind  
max. 10 m<sup>2</sup>, connected systems with  
crank drive  
max. 18 m<sup>2</sup>, connected systems with  
motor drive





### **The long-life external rolling venetian blind system**

External rolling venetian blinds are installed like shutters but offer the light control of an external venetian blind. The design is durable which is why all vertical connections are made of chrome nickel steel. Each slat is guided on both sides – with zinc die cast bolts. The plastic sealing lip rolled into the slat profile ensures low noise and good darkening.

### **The convincing technology in detail**

- 1 Sound-insulating sealing lip
- 2 Vertical connection made of chrome nickel steel
- 3 Guide nipples
- 4 Guide



Installation like a rolling shutter – light control like an external blind.

## Limit dimensions

*bk* Width of construction  
(rear edge guide rails)

Minimum

- Crank drive 520
- Motor drive 650

Maximum 3600

Buildings and high-rise structures which are exposed to high wind should decrease this maximum value as required.

*hl* Opening height

Minimum 520

Maximum 5000

*bk x hl* Maximum surface area

Single blind 7 m<sup>2</sup>

Connected systems

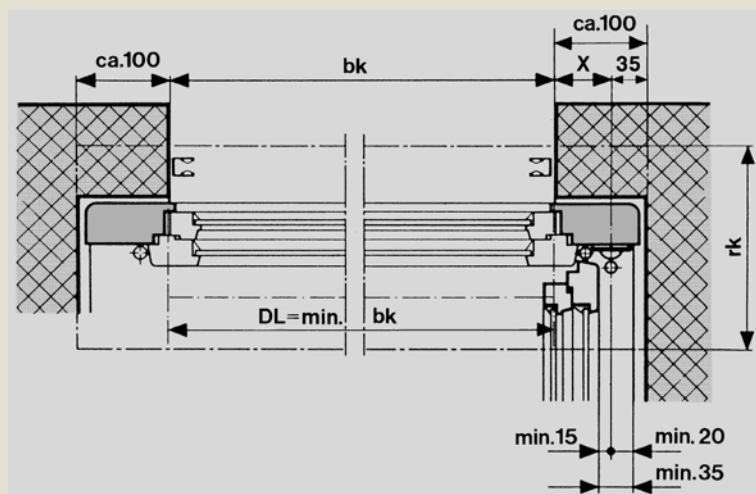
(max. system width 8 m)

- with crank drive 10 m<sup>2</sup>  
(max. 3 blind systems)
- with motor drive 18 m<sup>2</sup>  
(max. 3 blind systems)

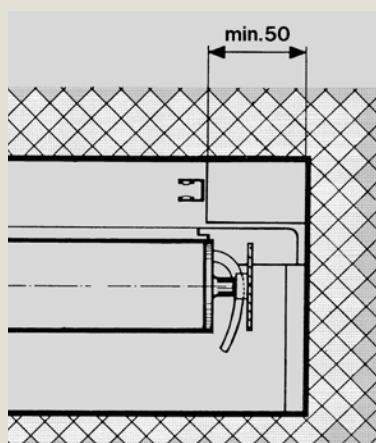
## Min. height and depth of box (rk)

<i>hl</i>	<i>bk</i> < 2000 mm	<i>bk</i> > 2000 mm
1000	190	200
1500	200	210
2000	210	220
2250	220	230
2500	230	240
3000	240	250
3500	250	260

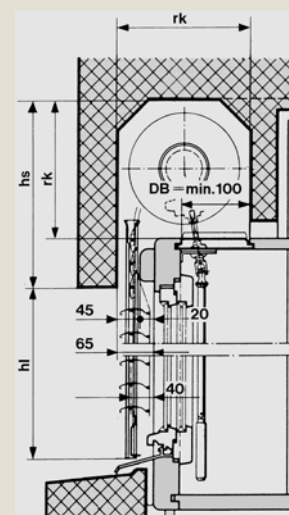
Top elevation for crank drive



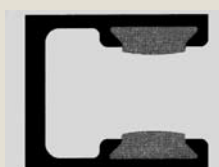
Top elevation for motor drive



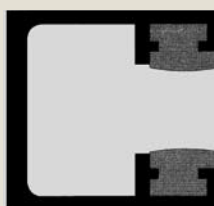
Side elevation: Example of header



Guide rails



Standard guide



Wind-stable guide

## Key

- bk* = Width of construction
- hl* = Opening height
- hs* = Header height
- rk* = Height and depth of box
- DB* = Lid opening width (min. 100 mm)
- DL* = Lid opening length (min. *bk*)
- X* = dimension from rear edge guide rails to middle of drive; depends on window design.

All dimensions in mm.



## Design description

### *External blind systems*

Rollable external venetian blind. Vertical connections for the lifting, lowering and pivoting of the slats made of chrome nickel steel. Roller made of galvanised steel tube. Bearings made of steel, galvanised.

### *Slats*

Flanged on both sides, aluminium slats baked-enamel finish, 58 mm wide with rolled-in sound-insulating sealing lip. With widths above 2000 mm uppermost slat made of extruded aluminium acting as a support slat.

### *End rail*

Made of extruded aluminium, plain anodised (baked enamel finish for an additional charge), with stop buffers.

### *Guide rails*

Made of extruded aluminium, standard guide 20 x 24 mm or wind-stable guide 26 x 28 mm, with noise-insulating weather-resistant plastic inserts, plain anodised (baked-enamel finish for an additional charge).

## 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.

### *Griesser Colors*

For unlimited requests we have a total of 1000 colors available for selection (for an additional charge).

### *BiColor (option)*

External venetian blinds are given new color accents: when colorful dominates on the outside a neutral bright is able to optimise the blind function on the inside (for an additional charge).

The guides and end rails are transparently anodized (baked enamel finish in one color for an additional charge).

## Operating instructions

- The systems must not be operated if there is a risk of ice.
- The systems must be accessible for maintenance work.
- Observe the VSR data sheets.

For more information about our services and products and for planning tips, go to [www.griessergroup.com](http://www.griessergroup.com).



**Your partner**

Subject to changes