

**Rolling shutters from Griesser.
Minicolor® II**



WIDTH

min. 400 mm
max. 3500 mm

HEIGHT

min. 400 mm
max. 3000 mm

SURFACE AREA

max. 6 m²

TECHNOLOGY IN DETAIL

- 1 Slats 37 mm
- 2 Air and light slots
- 3 End rail
- 4 Adaptation for header



End rail

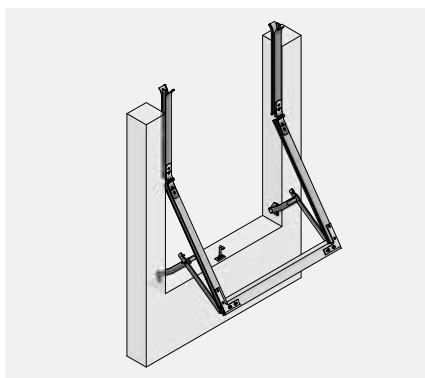


37 mm slat

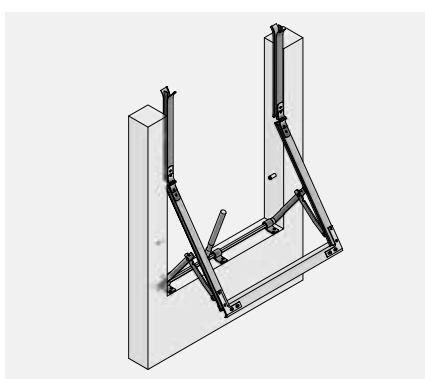
BUILT-IN ROLLING SHUTTER WITH FOAM-FILLED ALUMINIUM SLATS



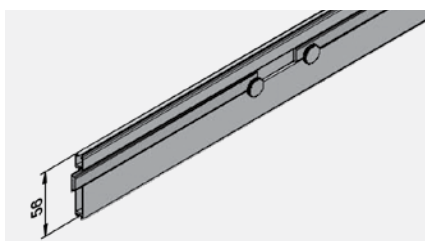
LIMIT DIMENSIONS MINICOLOR® II FIX



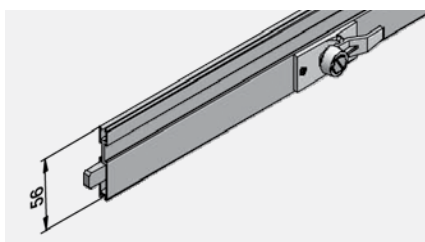
Normal sliding arm for Minicolor® II Fix and Conventional (option)



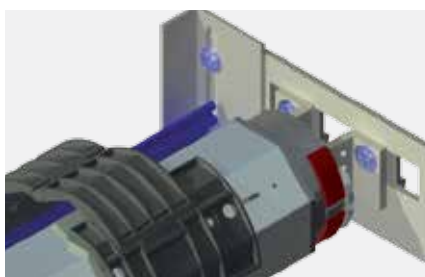
Lever sliding arm for Minicolor® II Fix and Conventional (option)



Manual bolt (option)



Central lock (option)



Automatic locking with system Fix (option)

bk Width of construction (rear edge of guide rails)

Minimum	
crank drive	400
with spring shaft	500
motor drive	cable 740 / radio 840
Maximum	
with spring shaft	3000
with normal sliding arm	2000
with lever sliding arm	2500

hl Opening height

Minimum	
with sliding arm	1000
Maximum	
with spring shaft	2250

bk × hl Maximum surface area

Single rolling shutter	5.5 m ²
with spring shaft	3.5 m ²
with sliding arm	5 m ²
Connected Systems	
2 rolling shutters	6 m ²

LIMIT DIMENSIONS MINICOLOR® II CONVENTIONAL

bk Width of construction (rear edge of guide rails)

Minimum	
crank drive	400
with spring shaft	500
motor drive	cable 740 / radio 840
Maximum	
with spring shaft	3500
with normal sliding arm	2000
with lever sliding arm	2500

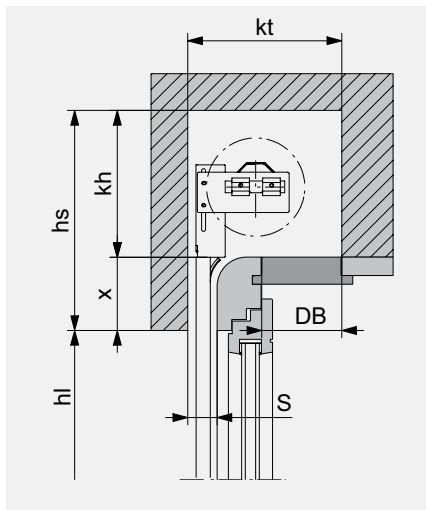
hl Opening height

Minimum	
with sliding arm	1000
Maximum	
with spring shaft	2250

bk × hl Maximum surface area

Single rolling shutter	6 m ²
with spring shaft	3.5 m ²
with sliding arm	5 m ²
Connected Systems	
2 rolling shutters	6 m ²

Vertical section: Example of header

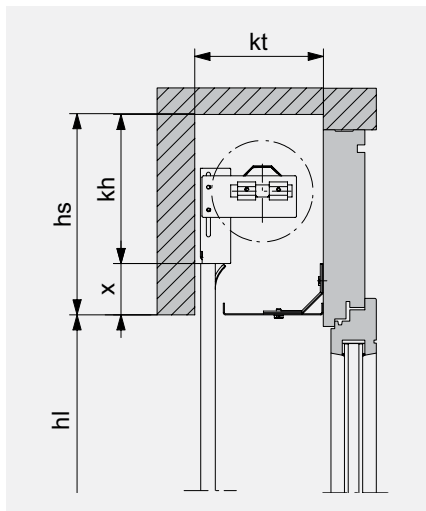


In the case of a manual drive, 20 mm of the end rail under the header is exposed.

BUILT-IN ROLLING SHUTTERS – INSTALLATION FIX



The Minicolor® II Fix system is specially designed for small header dimensions. The bearings are securely connected to the guide rails.



With soffit cover. In the case of a manual drive, 20 mm of the end rail under the header is exposed.

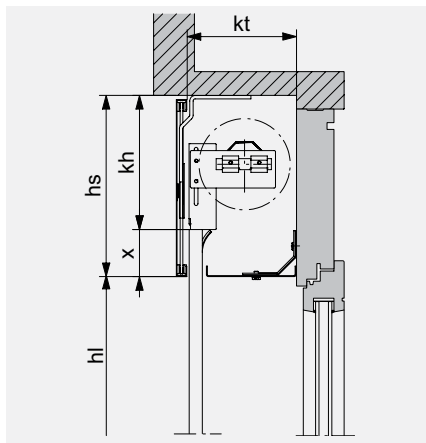
MINICOLOR® II FIX

- Slats 37 mm
- Automatic locking (option)
- Soffit cover (option)

DIMENSIONS DEPENDING ON HEIGHT (37 MM SLAT)

Height hl	Box depth (kt) = Box height (kh)	
		Automatic locking
1100	140	140
1300	145	150
1500	150	160
1700	160	175
1900	170	180
2100	180	180
2300	185	185
2500	190	190
3000	195	195
Standard:	ø 60 mm	ø 60 mm
Octagonal steel shaft		

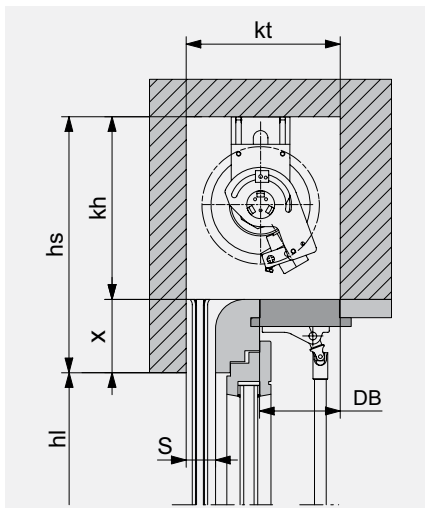
Vertical section: Example with cover



In the case of a manual drive, 20 mm of the end rail under the header is exposed.

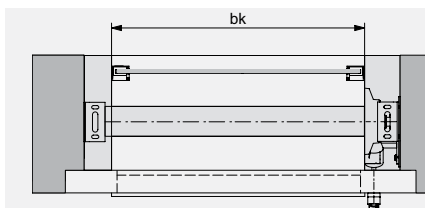
The height of the cover must be min. 30 mm greater than kh (depending on the situation).

Vertical section: Example of header



In the case of a manual drive, 20 mm of the end rail under the header is exposed.

Top section: Example of header



BUILT-IN ROLLING SHUTTERS – INSTALLATION CONVENTIONAL



In the Minicolor® II Conventional system, the bearings are fitted in the header.

MINICOLOR® II CONVENTIONAL

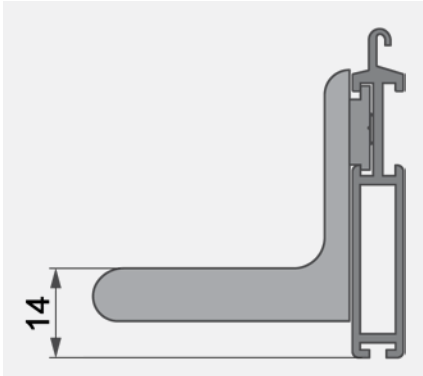
Slats 37 mm

DIMENSIONS DEPENDING ON HEIGHT (37 MM SLAT)

Height hl	Box depth (kt) = Box height (kh)
1100	140
1300	145
1500	150
1700	160
1900	170
2100	180
2300	185
2500	190
3000	195
Standard:	ø 60 mm
Octagonal steel shaft	

KEY

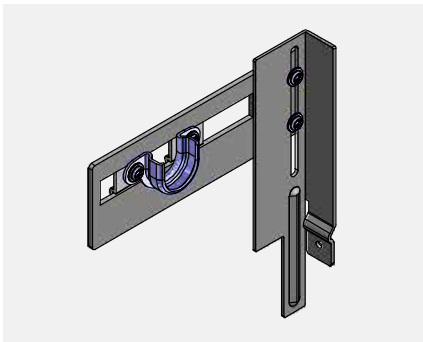
- bk = Width of construction
 - hl = Opening height
 - hs = Header height
 - kt = Depth of box
 - kh = Height of box
 - DB= Width of ceiling opening (min. 100 mm)
 - S = Width of slot: min. 40 mm; for rolling shutters more than 2450 mm wide, min. 45 mm
 - X = Guide extension (min. 30, max. 200, standard 100)
- All dimensions in mm.



Stop bracket on the end rail



Guide rail with elongated hole



Variable Fix bearing

OPTIONS

Slats 37 mm

Curtain without air and light slots, e.g. for drive with spring shaft.

Sliding arms

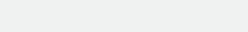
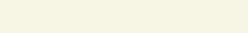

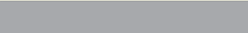
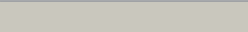

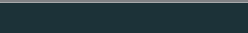



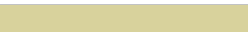
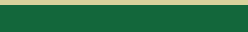










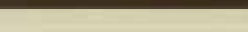




For the limit dimensions please see page 3.

Automatic locking: Minicolor® II

Version	Fix	Conventional
without automatic locking	standard	standard
with automatic locking	option	–



COLORS

Rollcolors			Frame elements	Curtain
			End rail, guides	Alu 37
VSR 010	NCS S 0502-B		●	●
VSR 901	NCS S 0502-Y		●	●
VSR 904	NCS S 1502-G		●	●
VSR 140	RAL 9006		●	●
VSR 130	NCS S 3000-N		●	●
VSR 907	RAL 9007		●	●
	RAL 7016		●	●
VSR 720	NCS S 1080-Y20R		●	●
VSR 120	NCS S 3560-Y80R		●	●
VSR 330	NCS S 3560-R		●	●
VSR 909	NCS S 2020-G90Y		●	●
VSR 220	NCS S 7020-B90G		●	●
VSR 908	NCS S 3040-B40G		●	●
VSR 440	NCS S 5040-B		●	●
VSR 903	NCS S 4030-R90B		●	●
VSR 906	RAL 5002		●	●
VSR 240	NCS S 2010-Y30R		●	●
VSR 110	NCS S 4010-Y50R		●	●
VSR 780			●	●
VSR 071	NCS S 8010-Y50R		●	●
G 18	RAL 7038		●	●
G 22	NCS S 8010-Y10R		●	●
G 23	NCS S 1010-Y10R		●	●
G 44	RAL 9005		●	●
G 60	NCS S 8505-Y80R		●	●
G 31	Imitation Teak		●	●
G 84	Imitation Golden Oak		●	●



DESIGN DESCRIPTION

Built-in rolling shutters

Rolling shutters made from aluminum, self-supporting system with bearing (tube) fitted on guide rails or bearing (tube) fitted in header on load-bearing base. Guide rails fitted between soffits on load-bearing base.

Rolling shutter curtain

37 mm slats, inserted, without mechanical connection, with air and light slots (except for topmost 6 slats), foam-filled with environmentally friendly and CFC-free polyurethane, slightly cambered.

End rail

End rail made of extruded aluminum.

Guide rails

Guide rails 20 x 45 mm, 20 x 30 mm made of extruded aluminum, with guide rail beading.

Normal and lever sliding arm

Sliding arms made from steel, galvanized, hinge made from stainless steel, lever made from aluminum.

Drive

The rolling shutters are equipped with a 230 V/50 Hz motor drive or an articulated crank drive.

PLANNING AND OPERATING INSTRUCTIONS

The instructions in the Technical Data Sheets are to be observed when planning the solar shading.

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 or information in EN 13659 wind classes.

CONTROLS

Minicolor® II 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.

COLORS

Curtain

Standard Colors: Aluminium (RAL 9006/VSR 140) or white (VSR 010)

RollColors: 28 colors specifications in accordance with table

End rail and guide rails

Standard Colors: Transparently anodized, aluminium (RAL 9006/VSR 140) or white (VSR 010)

RollColors: 26 colors specifications in accordance with table, without imitation wood
