

DATA SHEET

Main properties



Water tightness

Class 0

Product features

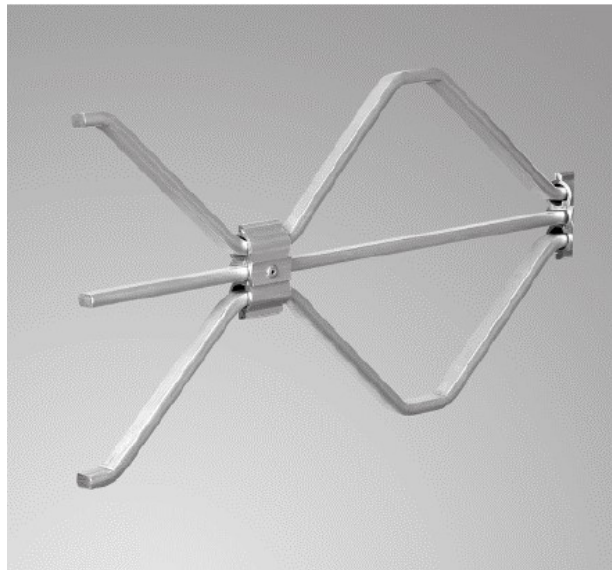
Pull-out protection

The values depend on the configuration of the rolling grille.

Rolling grille SB HG-L

The elegant and space-saving aluminium version is particularly suitable for use in collective garages.

Grille and honeycomb connections with aluminium crossbars provide protection to exclude the possibility of reaching through.



HG-L, aluminium

Door size

Width (BMB)	1000 – 6000 mm
Height (BMH)	2000 – 4500 mm

Table of standard values in mm

Door height	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500
Required headroom (S)	460	460	460	460	460	460	460	467	467	470
Fitting depth (ET)	317	324	324	327	335	341	341	341	352	355

Product description	
Type	HG-L
Material	Aluminium
Profile height	80 mm
Surfaces without colour coating	Mill-finished
Surfaces with colour coating	Powder-coated in RAL to choose or anodised natural finish
Curtain weight	Approx. 6.5 kg/m ²
Fastening options	Concrete, steel, brickwork, timber
Ventilation cross-section	approx. 77%
Operator / actuation	Manual operation, WA 250 R, WA 300 R S4, WA 300 AR S4
Max. number of cycles per day (24 h)	50

Differences in appearance between two doors may occur for technical reasons.

Equipment		
Break-in resistance equipment	Pull-out protection	●
	Internal locking	○
	Internal / external locking	○
Security features	Safety catch	●
Side door	Matching the door	○

● Standard ○ Optional

Performance characteristics	Achievable values		
Resistance to wind load according to EN 12424		Class	-
Thermal insulation Appendix B EN 12428 Door size 4000 × 4000 mm	Individual door section (U = W/(m ² ·K))	W/(m ² ·K)	-
	Fitted (U=W/(m ² ·K))		-
Acoustic rating	Shutter 3.5 × 2 m, fitted (RW = dB)	R [dB]	-
Water tightness according to EN 12425		Class	0

Minimum requirements for the building structure

Concrete

Strength class C 20/25
 Thickness 140 mm
 Standard EN 206-1

steel

Strength class S235-JRG2
 Thickness 5 mm
 Standard EN 10027-1

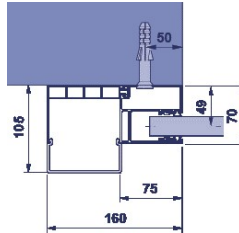
Brickwork

Strength class 12 / mortar group II
 Thickness 240 mm
 Standard DIN 1053-1

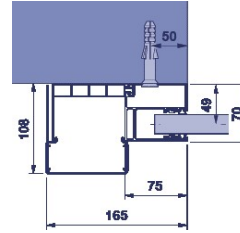
Timber

Coniferous wood: C24 / quality category II
 Thickness 120 mm
 Standard DIN 1052 (EC5)

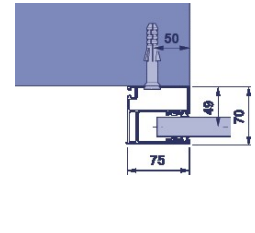
Standard fitting for side guide FS160



with spring chamber and AFK

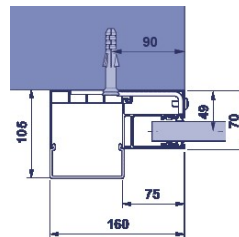


with spring chamber and AFA

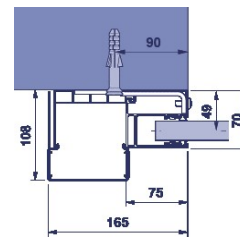


without spring chamber

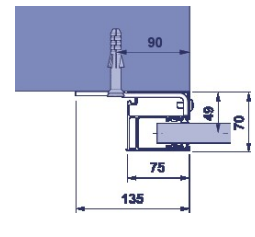
Angle fitting for side guide FS160



with spring chamber and AFK



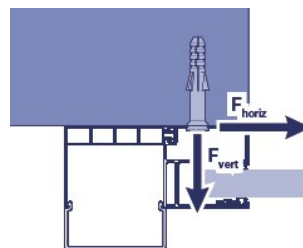
with spring chamber and AFA



without spring chamber

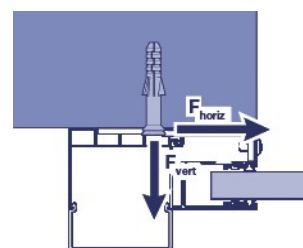
Maximum load at the fixing point – side guide FS160

Standard fitting



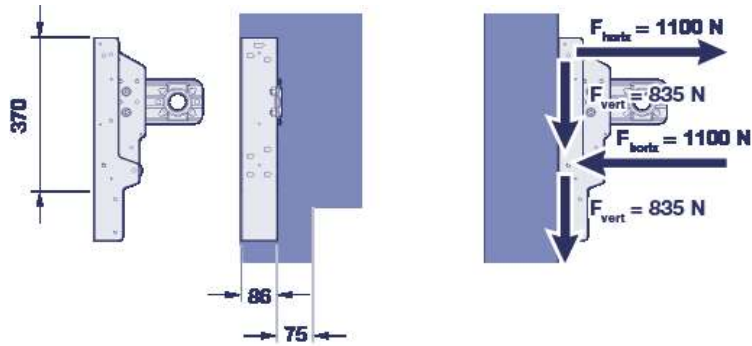
q_{horiz} [kN/m]	3,75
q_{vert} [kN/m]	2,5

Angle fitting



q_{horiz} [kN/m]	1,0
q_{vert} [kN/m]	3,0

Support bracket / maximum load at the fixing point



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