

DATA SHEET

Main properties



Water tightness

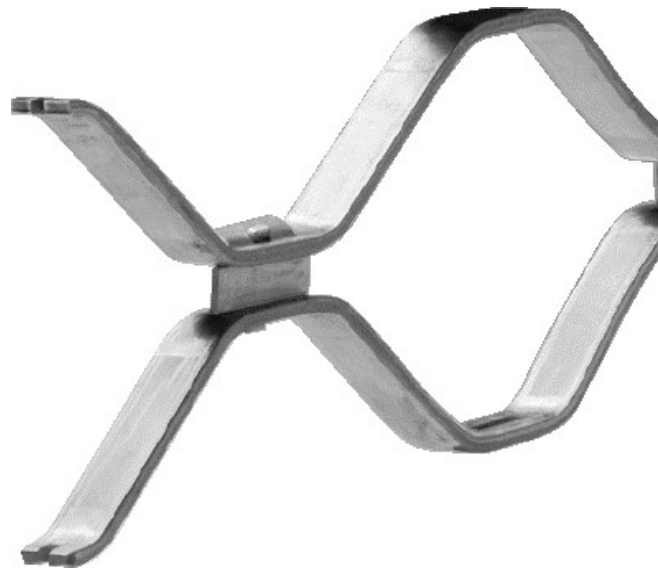
Class 0

Product features

Pull-out protection

Rolling grille DD HG-V

The aluminium curtain reinforced with V2A stainless steel honeycomb connections is ideal for wide openings in underground garages or multi-storey car parks where high numbers of opening / closing cycles are required.



HG-V, aluminium

Door size

Width (BMB)	1000 – 12000 mm
Height (BMH)	1000 – 8000 mm

Product description		
Type	HG-V	
Material	Aluminium, steel connectors	
Profile height	60 mm	
Surfaces without colour coating	Mill-finished	
Surfaces with colour coating	-	
Curtain weight	Approx. 7.0 kg/m ²	
Fastening options	Concrete, steel, brickwork, timber	
Ventilation cross-section	approx. 85%	
Operator / actuation	DD17, DD25, DD30, DD40, DD50, DD65, DD100, DD160	DD180
Max. number of cycles per day (24 h)	75	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

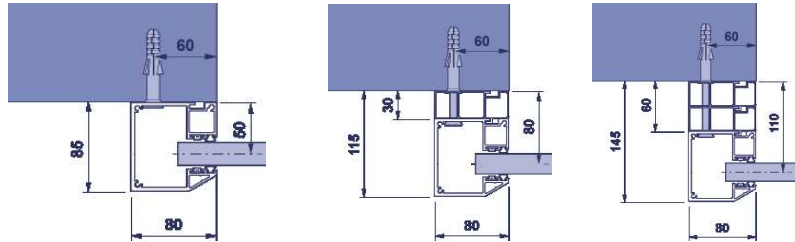
Brickwork

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 FS80

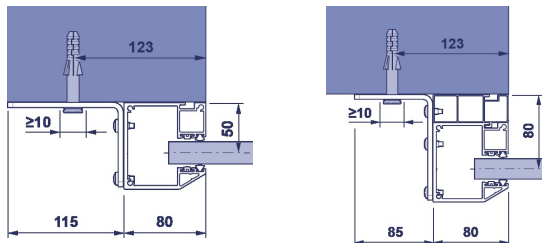


Without support profile

With one support profile

With two support profile

Angle fitting for side guide FS80



Without support profile

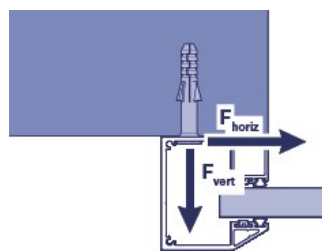
With one support profile

Angle fitting

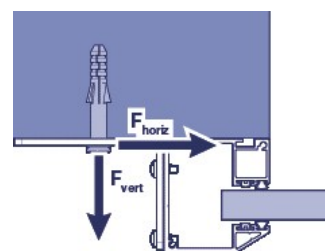
- Optional
- Fitting by welding possible
- Not on brickwork
- Not in combination with equipment package S6

Maximum load at the fixing point – side guide FS80

Standard fitting



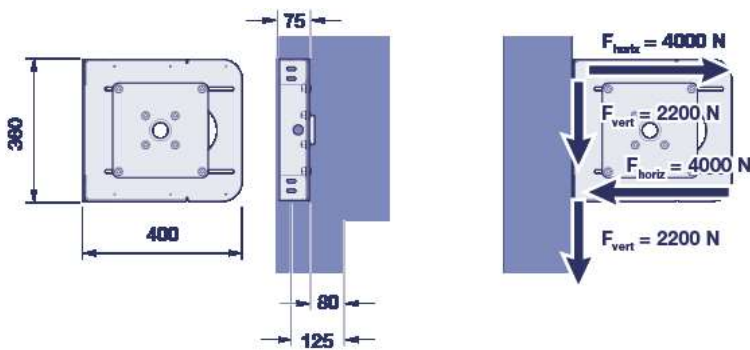
Angle fitting



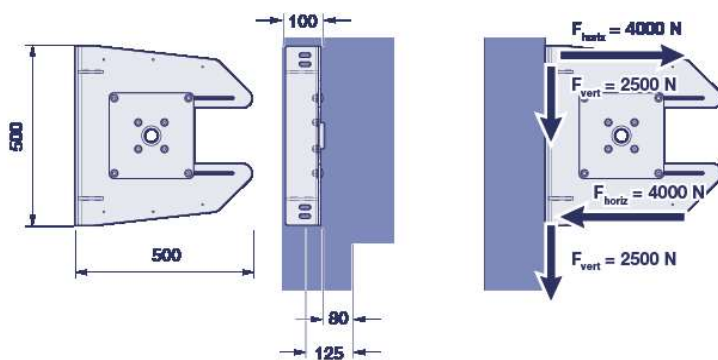
	Door width	
	≤ 5000 mm	> 5000 mm
q _{horiz} [kN/m]	3,75	10,5
q _{vert} [kN/m]	2,5	3,5

Support bracket / maximum load at the fixing point

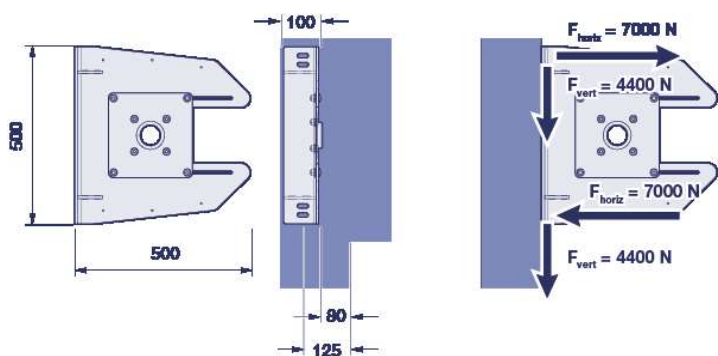
Support bracket 40



Support bracket 40-2



Support bracket 60



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