

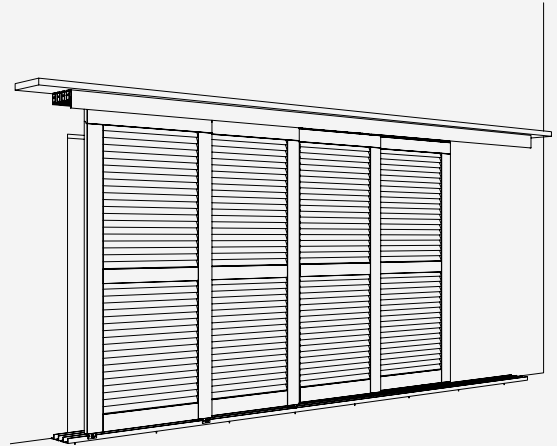
Fitting for 4 wooden or metal shutters up to 100 kg (220 lbs.), with screwed on running track. Ceiling or architrave mounting.

Product highlights

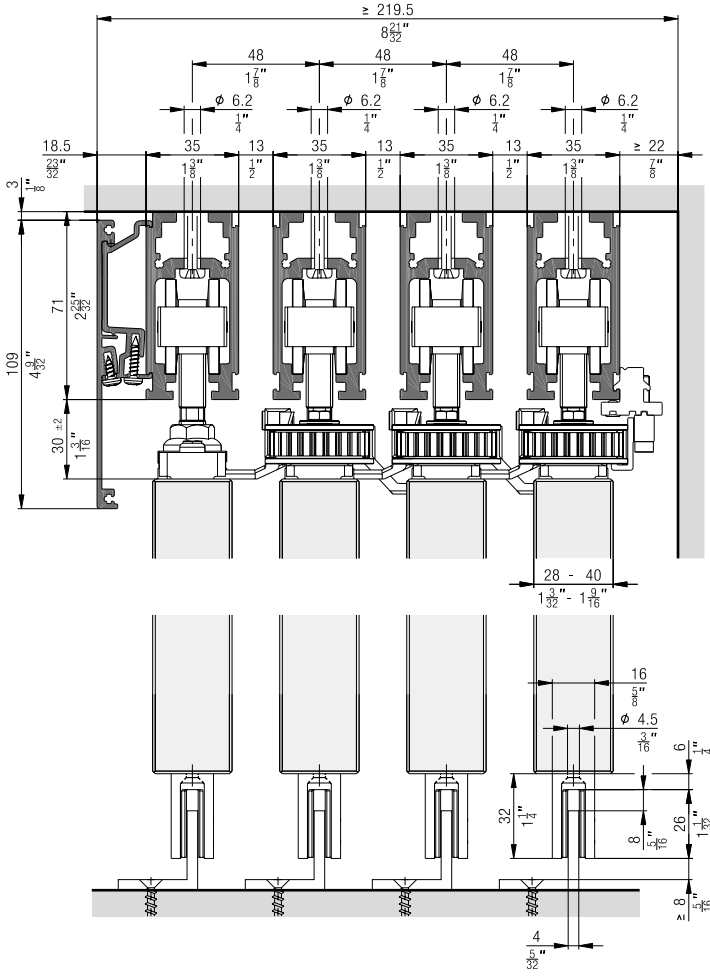
- Aesthetics** Attractive design solution for exciting and modern façade design
- Security** The shutters withstand even stormy winds, both open and closed

Technical specifications

- Max. 100 kg (220 lbs.)
- Max. 3200 mm (10' 5 31/32")
- 600–1200 mm (1' 11 5/8" to 3' 11 1/4")  
(Max. shutter area 3.84 m<sup>2</sup> (41 ft<sup>2</sup>))
- 28–40 mm (1 3/32" to 1 9/16")



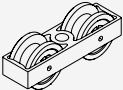
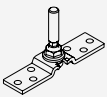
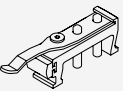

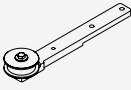



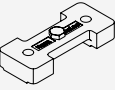

Installation examples



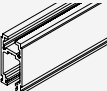
**Set for 4 sliding shutters up to 100 kg (220 lbs.)**

	No.
Hawa Frontslide 100 A Telescopic 4, for 4 sliding shutters	25129


**Set consisting of:**

	25129	No.
 Two-wheeled running gear, M10, plastic wheels	8	24552
 Top fixing plate, stainless steel, with hanger bolt M10	8	24564
 Track stop with adjustable retainer	2	24834
 Toothed belt clamp	1	25059
 Guide pulley wheel, with fixing plate, long	3	20139
 Guide pulley wheel, with fixing plate, short	3	20140
 Driver, wide	3	20141
 Driver, narrow	2	20142
 Driver counter-plate, wide	1	20246
 Toothed belt, 2.7 m (8'10 5/16"), fibre glass reinforced, black	3	20208

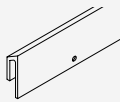
**Running tracks**

	mm (inch)	No.
	3500 (11' 5 25/32")	24840
	6000 (19' 8 7/32")	24797
	cut to size	24798


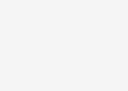
**Connecting pins for running tracks**

	No.
 Connecting bolts, 6-piece set	17221


**Guide tracks**

	mm (inch)	No.
	6000 (19' 8 7/32")	24460
	cut to size	24462


**Panels**

	mm (inch)	No.
	3500 (11' 5 25/32")	24845
	6000 (19' 8 7/32")	24808
	cut to size	24809
	6000 (19' 8 7/32")	24810
	cut to size	24811

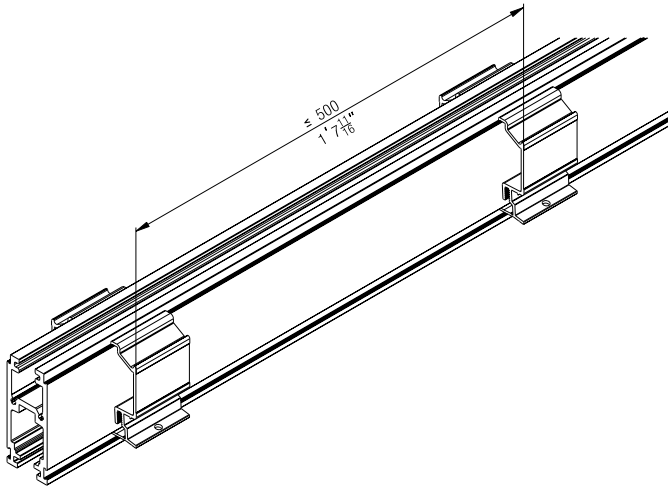
**Panel attachment components**

	No.
 Parts for fitting running track cover, at least every 500 mm (1' 7 11/16"), 5-piece set	24767

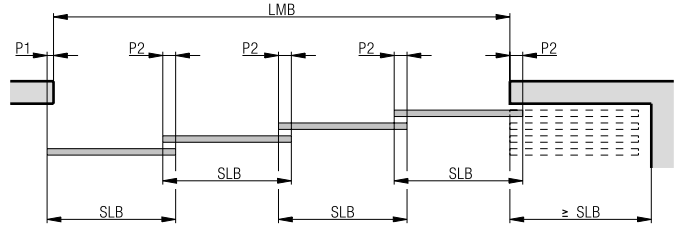
**Guides**

	No.
 Guide slider, for screw fixing	24542

**Panel attachment component installation**

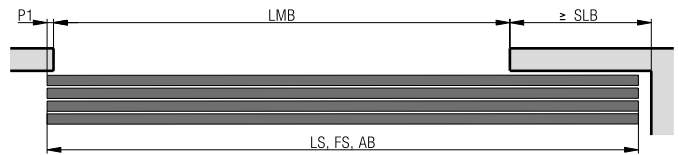


**Sliding shutter width calculations**



$$SLB = \frac{LMB + P1}{4} + P2$$

$P2 \geq 50 \text{ mm}$

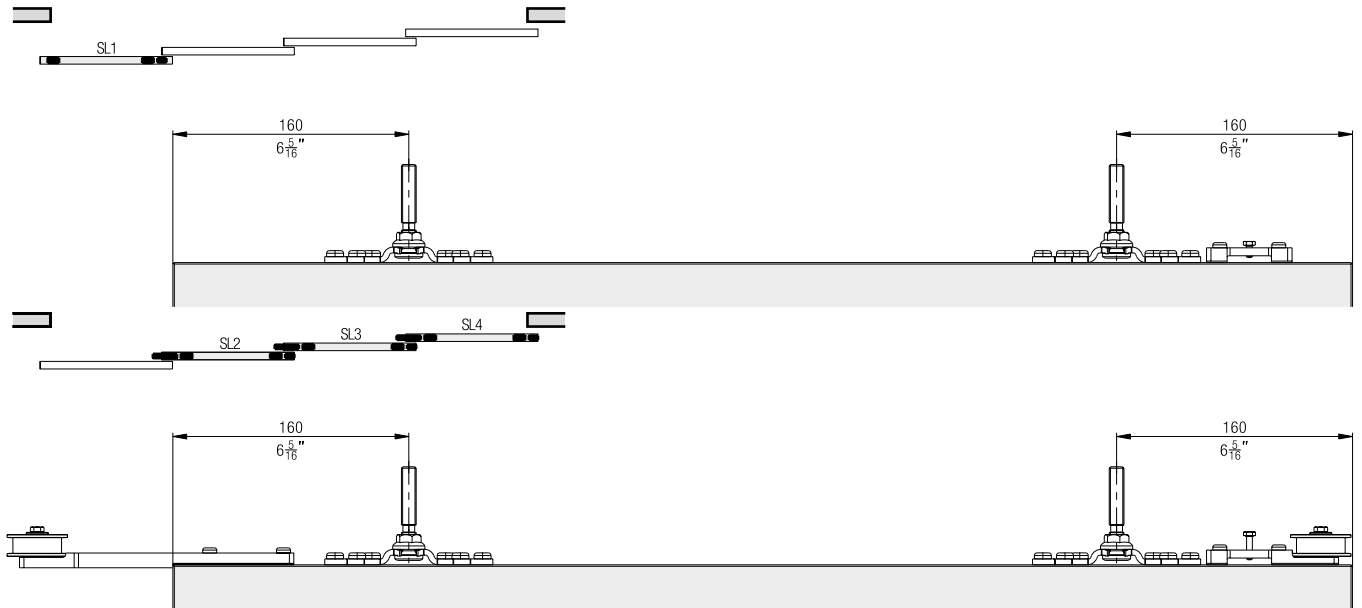


$$LS = LMB + P1 + SLB$$

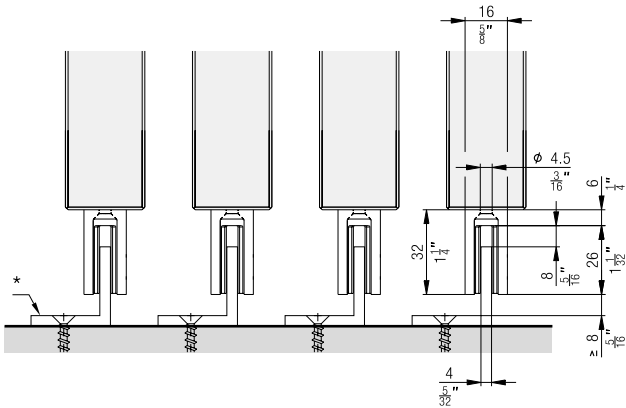
$$FS = LS$$

- AB = System width
- LMB = Inside clearance
- SLB = Sliding shutter width
- P = Sliding shutter overlap
- LS = Running track
- FS = Guide track

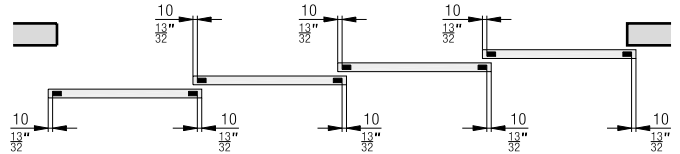
**Suspension points**



**Guides**



\* to be provided by customer



**Accessories**

- Sliding shutter bolts from page 190

**Planning/execution**

- Corrosion resistance class 4 in accordance with EN 1670 (very good resistance)
- Wind resistance class overview from page 198

Further information about the product can be found on [www.hawa.com](http://www.hawa.com).