

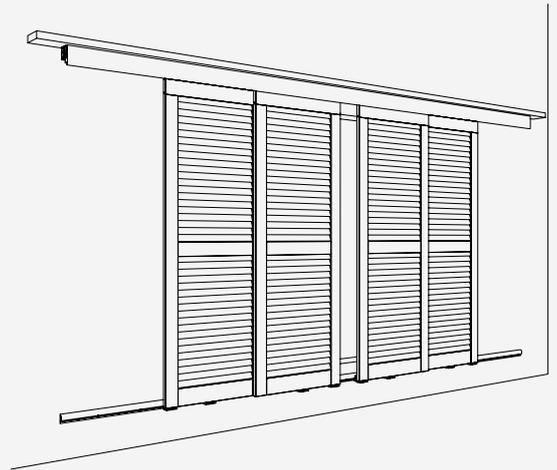
**Fitting for 4 symmetrically opening wooden or metal shutters up to 40 kg (88 lbs.). With screwed on running track. Ceiling or architrave mounting. Optionally with angled profile for wall mounting.**

**Product highlights**

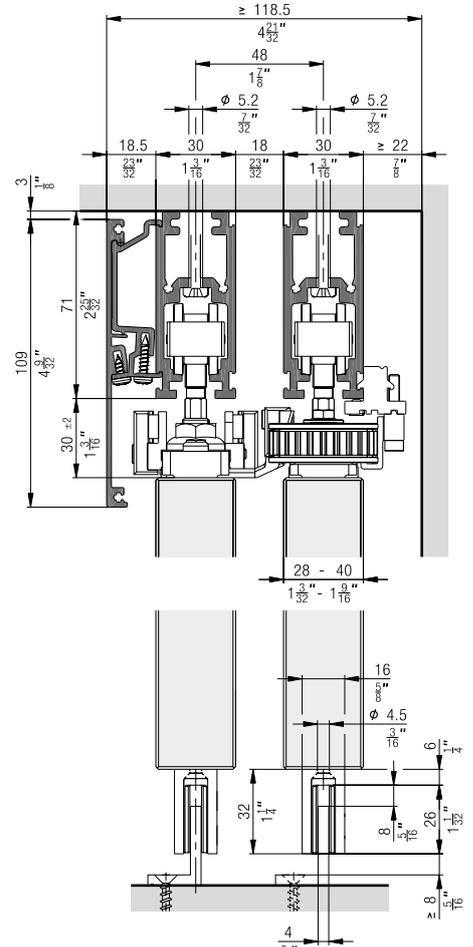
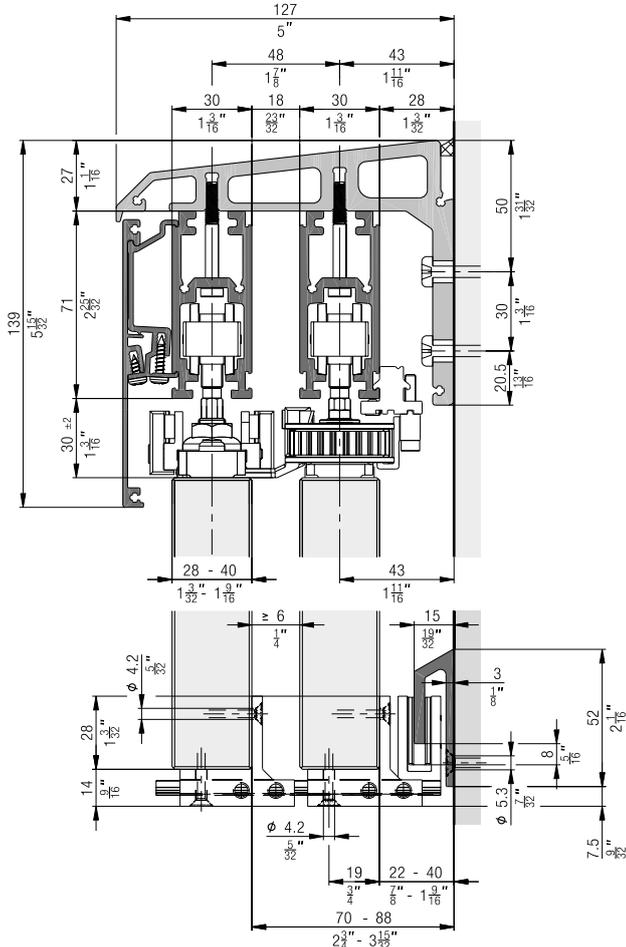
-  **Aesthetics** Attractive design solution for exciting and modern façade design
-  **Security** The shutters withstand even stormy winds, both open and closed

**Technical specifications**

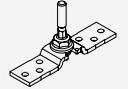
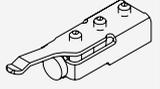
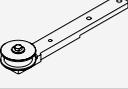
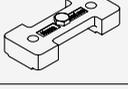
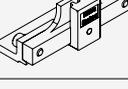
-  Max. 40 kg (88 lbs.)
-  Max. 3200 mm (10' 5 31/32")
-  550–1000 mm (1' 9 21/32" to 3' 3 3/8")  
(Max. shutter area 3.2 m<sup>2</sup> (34 ft<sup>2</sup>))
-  28–40 mm (1 3/32" to 1 9/16")



**Installation examples**



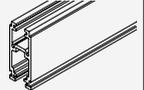
**Set for 4 sliding shutters up to 60 kg (132 lbs.)**

		No.	
Hawa Frontslide 60 A Symmetric, for 2 sliding shutters		25119	
<b>Set consisting of:</b>		25119	No.
	Two-wheeled running gear, M8, plastic wheels	8	17119
	Top fixing plate, with suspension bolt M8, stainless steel	8	24562
	Track stop, with adjustable retainer	3	17027
	Guide pulley wheel matching with running track Hawa Frontslide 60-140	2	24793
	Guide pulley wheel, with fixing plate, long	2	20139
	Guide pulley wheel, with fixing plate, short	2	20140
	Driver counter-plate, wide	2	20246
	Driver, wide	2	20141
	Driver, laterally adjustable for manual systems	1	20353
	Toothed belt lock for manual systems	1	20352
	Clamp for toothed belt	2	24777
	Toothed belt, 2.7 m (8'10 5/16"), fibre glass reinforced, black	2	20208

**Toothed belt**
**Toothed belt length calculation: 2 x system width**

		No.
	Toothed belt, 5 m (16' 4 27/32"), fibre glass reinforced, black	19667
	Toothed belt, 8 m (26' 2 31/32"), fibre glass reinforced, black	19682
	Toothed belt, 10 m (32' 9 11/16"), fibre glass reinforced, black	19668
	Toothed belt, 15 m (49' 2 9/16"), fibre glass reinforced, black	20370
	Toothed belt, 50 m (164' 1/2"), fibre glass reinforced, black	19669

**Running tracks**

		mm (inch)	No.
	Running track, aluminum, anodized, pre-drilled	3500 (11' 5 25/32")	24839
		6000 (19' 8 7/32")	24795
		cut to size	24796

**Guide tracks**

		mm (inch)	No.
	Guide track, aluminum, anodized, pre-drilled	6000 (19' 8 7/32")	24460
		cut to size	24462

**Angled profile for 2 sliding levels**

		mm (inch)	No.
	Angled profile for two sliding level, aluminum, anodized, pre-drilled	6000 (19' 8 7/32")	21384
		cut to size	21385
	Angled profile for two sliding level, aluminum, pre-drilled	6000 (19' 8 7/32")	21386
		cut to size	21387

**Connecting pins for running tracks and angled profiles**

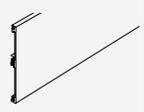
		No.
	Connecting bolts, 6-piece set	17221

**Mounting screws for angled profiles**

The special mounting screw must be used for optimum attachment of the running track to the angled support profile.

		No.
	Special fixing screws, for securing running track to angled profile support, 10-piece set (3 pieces per meter)	19774

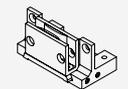
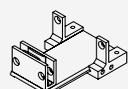
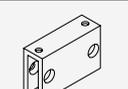
**Panels**

		mm (inch)	No.
	Cover panel, aluminum, anodized	3500 (11' 5 25/32")	24845
		6000 (19' 8 7/32")	24808
		cut to size	24809
	Cover panel, aluminum	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

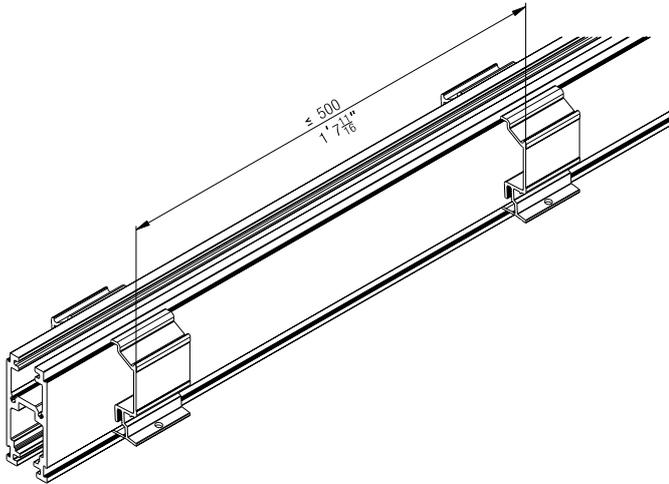
**Guides**

		No.
	Floor guide unit, short, for guide track	24543
	Floor guide unit, long, for guide track	24544
	Guide slider, for screw fixing	24542

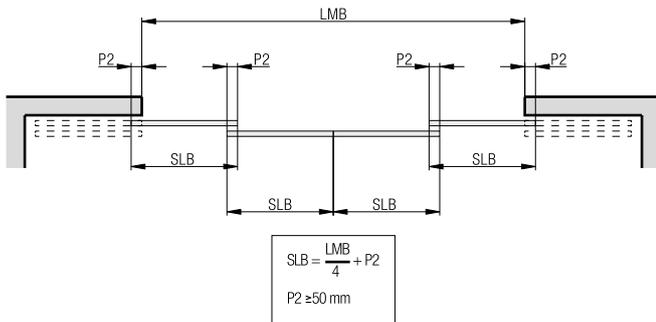
**Accessories**

		No.
	Front cover plates for two sliding levels, wall fitting, aluminum, anodized, 1 pair	24821
	Front cover plates for two sliding levels, wall fitting, aluminum, 1 pair	24824

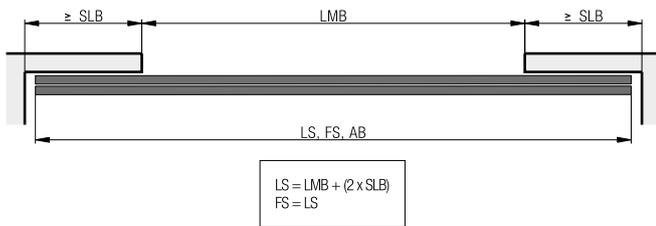
**Panel attachment component installation**



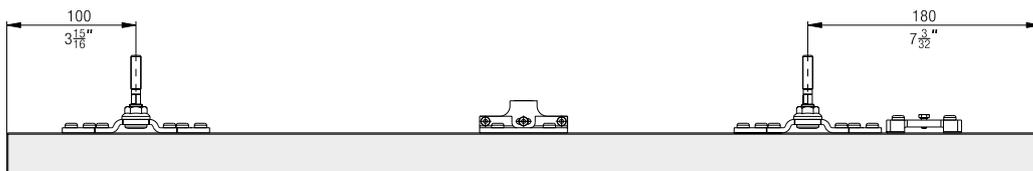
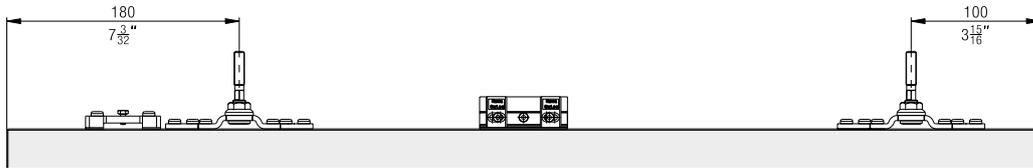
**Sliding shutter width calculations**



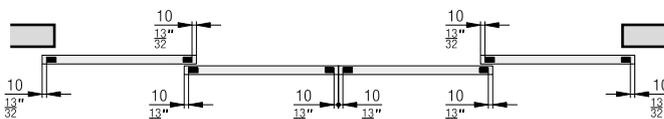
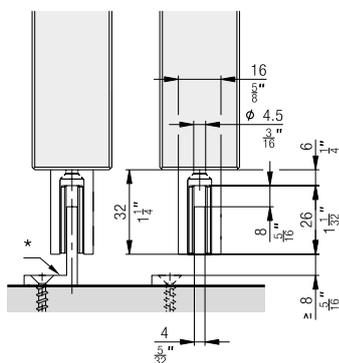
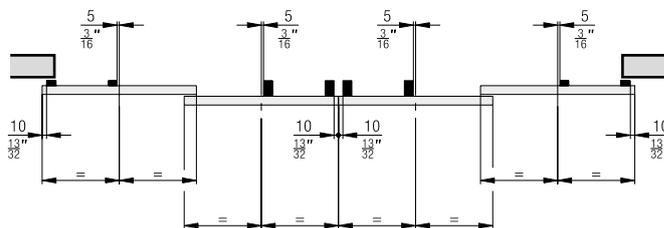
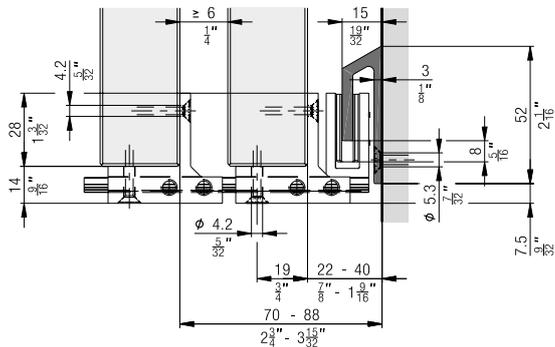
- AB = System width
- LMB = Inside clearance
- SLB = Sliding shutter width
- P = Sliding shutter overlap
- LS = Running track
- FS = Guide track



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).