



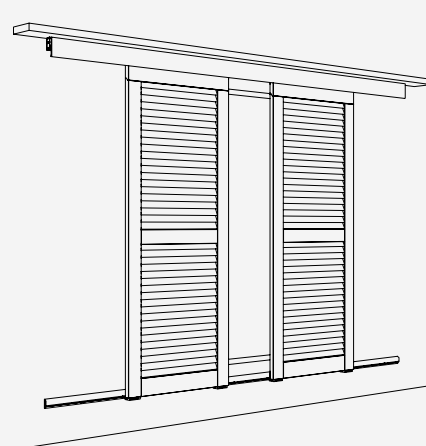
**Fitting for 2 symmetrically opening wooden or metal shutters up to 140 kg (309 lbs.).
With screwed on running track. Ceiling or architrave mounting.**

Product highlights

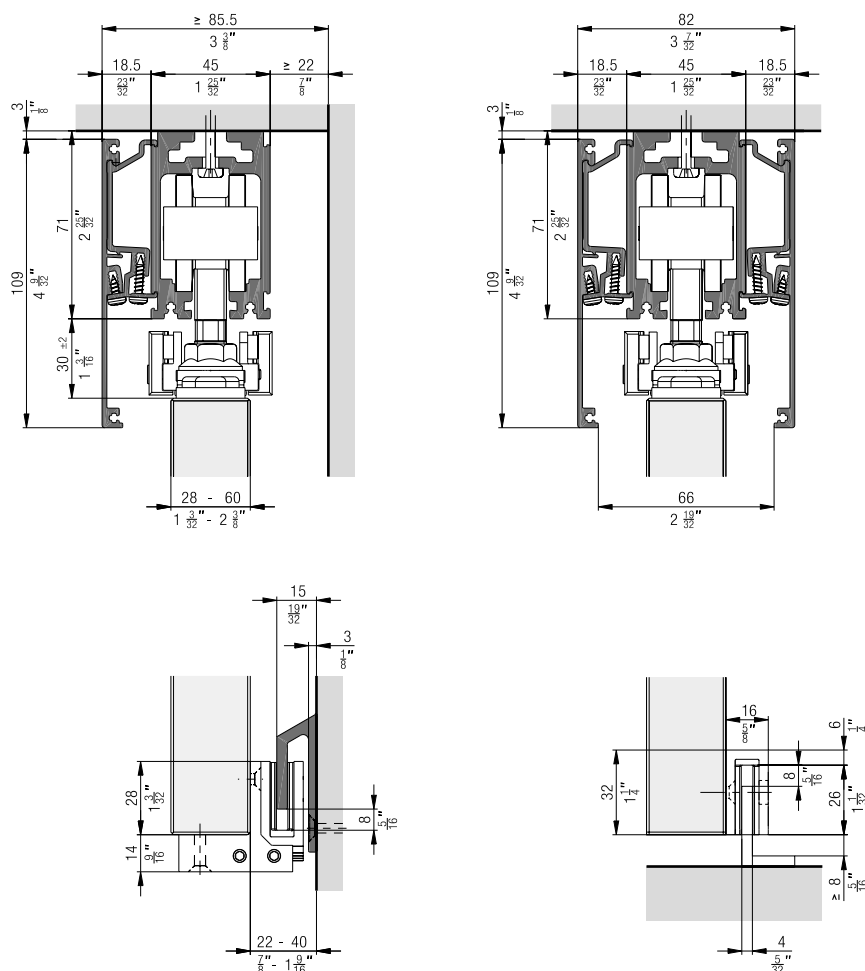
-  **Aesthetics** Attractive design solution for exciting and modern façade design
-  **Security** The shutters withstand even stormy winds, both open and closed

Technical specifications

-  Max. 140 kg (309 lbs)
-  Max. 3200 mm (10' 5 31/32")
-  700–1500 mm (2' 3 9/16" to 4' 11 1/16")
(Max. shutter area 3.84 m² (41 ft²))
-  28–60 mm (1 3/32" to 2 3/8")



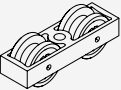
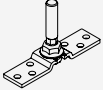
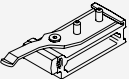

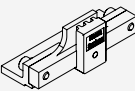
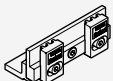
Installation examples




Set for 2 sliding shutters up to 140 kg (309 lbs.)

	No.
Hawa Frontslide 140 A-Symmetric 2, for 2 sliding shutters	25451

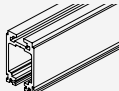
Set consisting of:

		25451	No.
	Two-wheeled running gear, M12, plastic wheels	4	24554
	Top fixing plate, stainless steel, with hanger bolt M12	4	24567
	Track stop with adjustable retainer	1	24835
	Guide pulley wheel matching with running track Hawa Frontslide 60-140	2	24793
	Driver, laterally adjustable for manual systems	1	20353
	Toothed belt lock for manual systems	1	20352


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

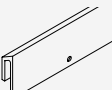
Running tracks

	mm (inch)	No.
	3500 (11' 5 25/32")	24841
	6000 (19' 8 7/32")	24799
	cut to size	24800

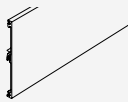
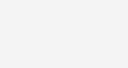
Connecting pins for running tracks

		No.
	Connecting bolts, 6-piece set	17221


Guide tracks

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

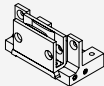
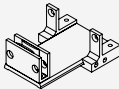

Panels

	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

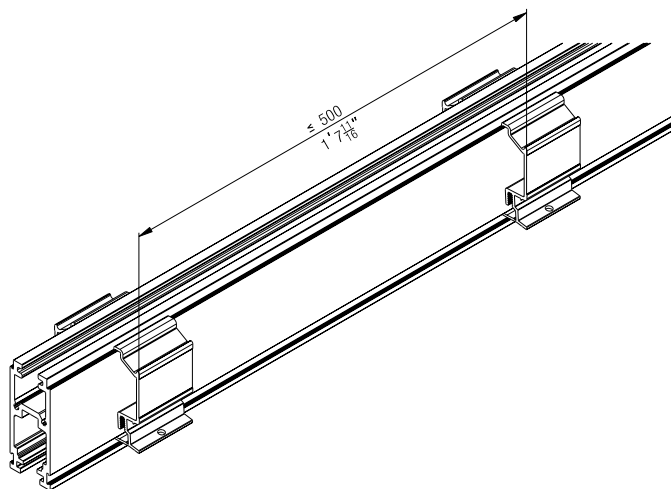
Guides

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

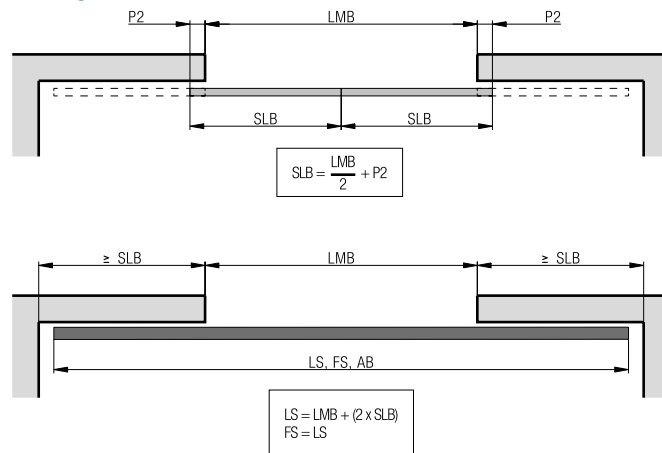
Accessories

		No.
	Front cover plates, aluminum, anodized, for ceiling fitting, 1 pair	24817
	Front cover plates, aluminum, for ceiling fitting, 1 pair	24819

Panel attachment component installation

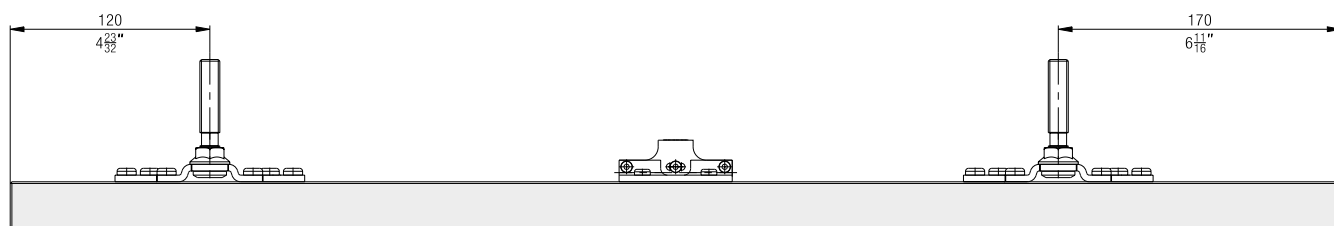
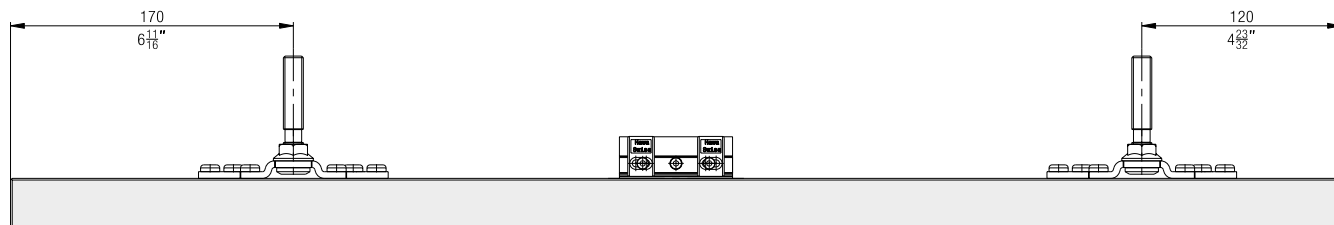


Sliding shutter width calculations

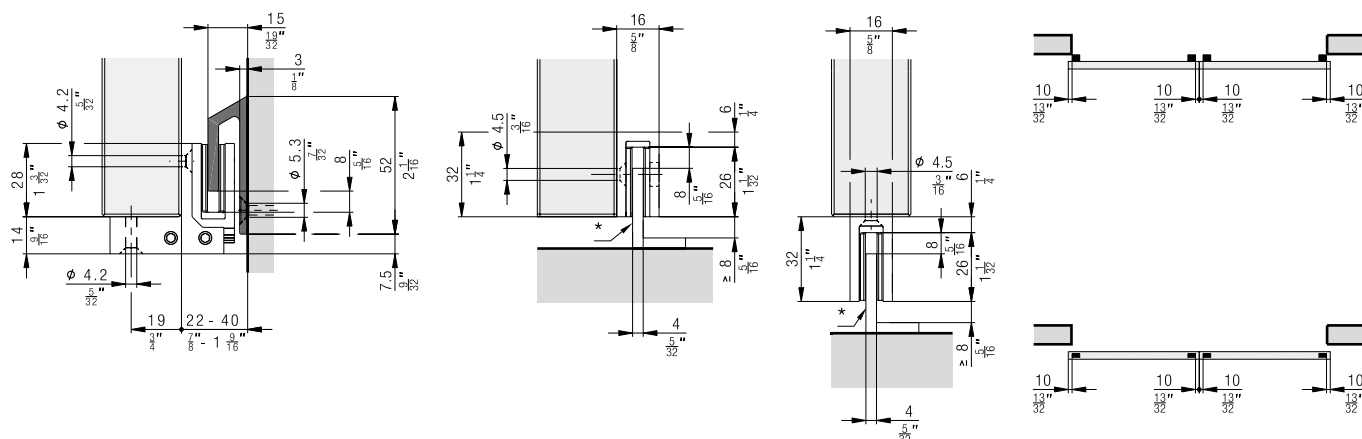


AB = System width
 LMB = Inside clearance
 SLB = Sliding shutter width
 P = Sliding shutter overlap
 LS = Running track
 FS = Guide track

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.