





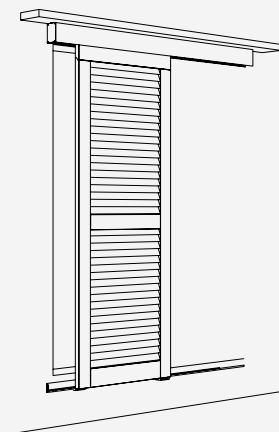
Fitting for top-running wooden or metal shutters up to 140 kg (309 lbs.), with screwed on running track. Ceiling or architrave mounting.

Product highlights

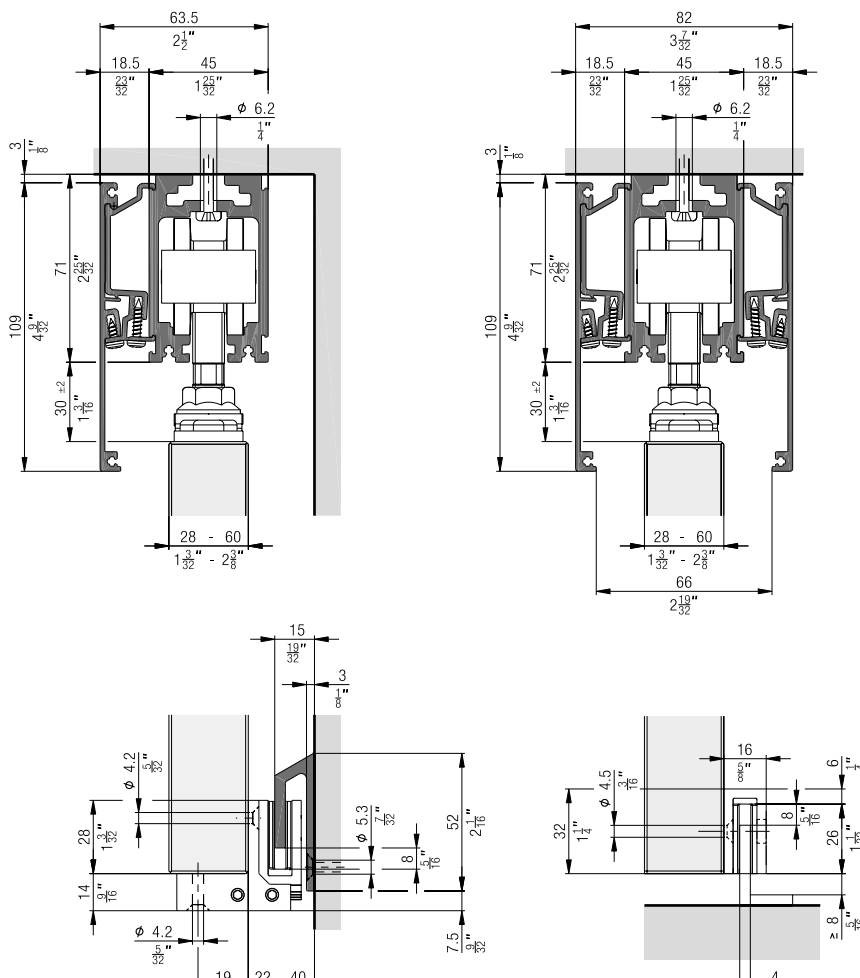
- Aesthetics** Attractive design solution for exciting and modern façade design
- Security** The shutters withstand even stormy winds, both open and closed

Technical specifications

	Max.	140 kg (309 lbs)
	Max.	3200 mm (10' 5 31/32")
		700–3750 mm (2' 3 9/16" to 12' 3 5/8") (Max. shutter area 9.6 m ² (103 ft ²))
		28–60 mm (1 3/32" to 2 3/8")



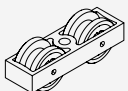
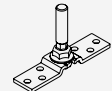
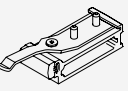
Installation examples



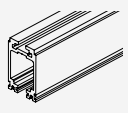
Set for 1 sliding shutter up to 140 kg (309 lbs.)

	No.
Hawa Frontslide 140 A, for 1 sliding shutter	25130


Set consisting of:

		25130	No.
	Two-wheeled running gear, M12, plastic wheels	2	24554
	Top fixing plate, stainless steel, with hanger bolt M12	2	24567
	Track stop with adjustable retainer	2	24835

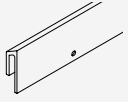
Running tracks

		mm (inch)	No.
	Running track, aluminum, anodized, pre-drilled	3500 (11' 5 25/32")	24841
		6000 (19' 8 7/32")	24799
		cut to size	24800

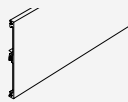
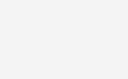
Connecting pins for running tracks

	No.
	Connecting bolts, 6-piece set 17221


Guide tracks

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

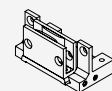
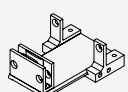

Panels

		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

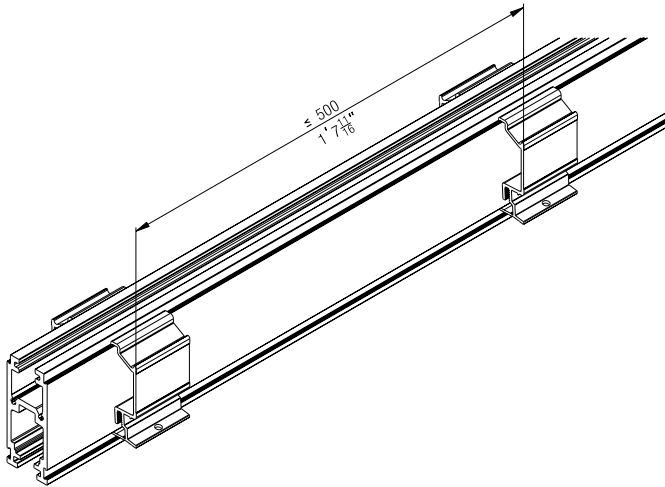
Guides

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

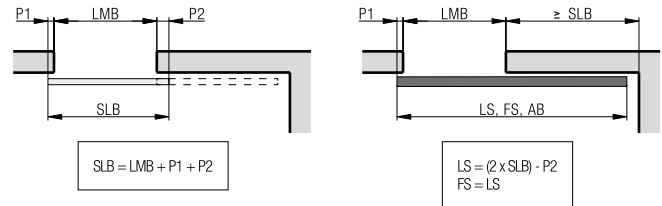
Accessories

	No.
	Front cover plates, 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 calculation

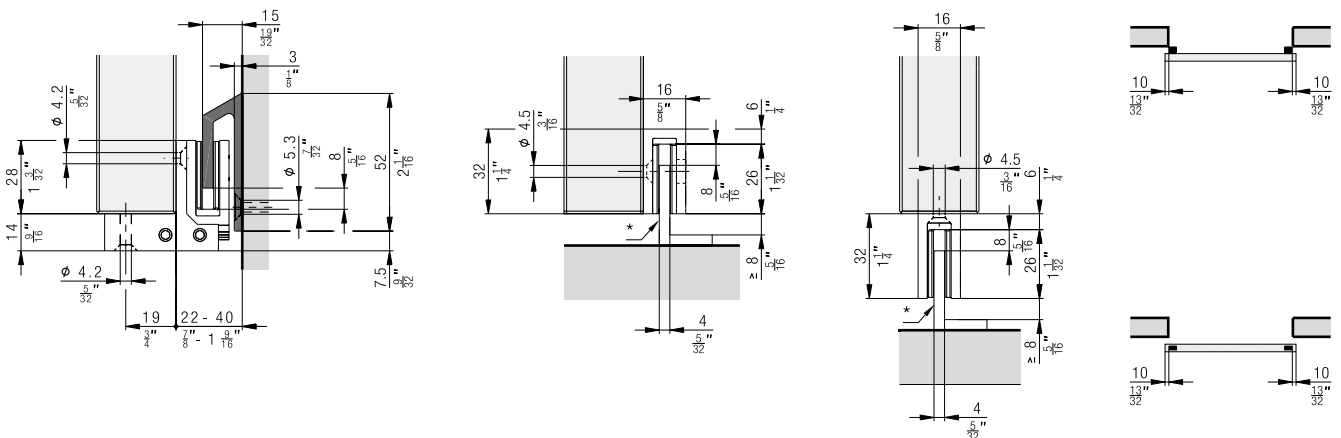


AB = System width
LMB = Inside clearance
SLB = Sliding shutter width
P = Sliding shutter overlap
LS = Running track
FS = Guide track

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.