

Automated fitting with SMI interface for wooden or metal shutters up to 100 kg (220 lbs.), with screwed on running track. Ceiling or architrave mounting.

Product highlights



Comfort

Automated system with building control interface
Optimized individual use of daylight



Reliability

Extremely robust sliding shutter that has been tested for 100,000 cycles
High resistance to wind and corrosion

Technical specifications



Max.	100 kg (220 lbs.)
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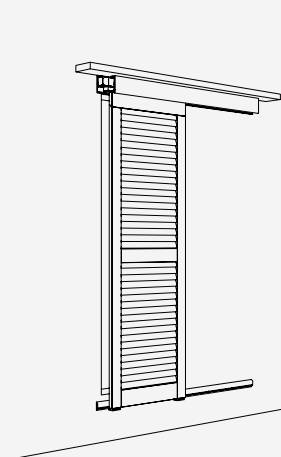
Max. 3200 mm (10' 5 31/32")

650–3750 mm (2' 1 19/32" to 12' 3 5/8")

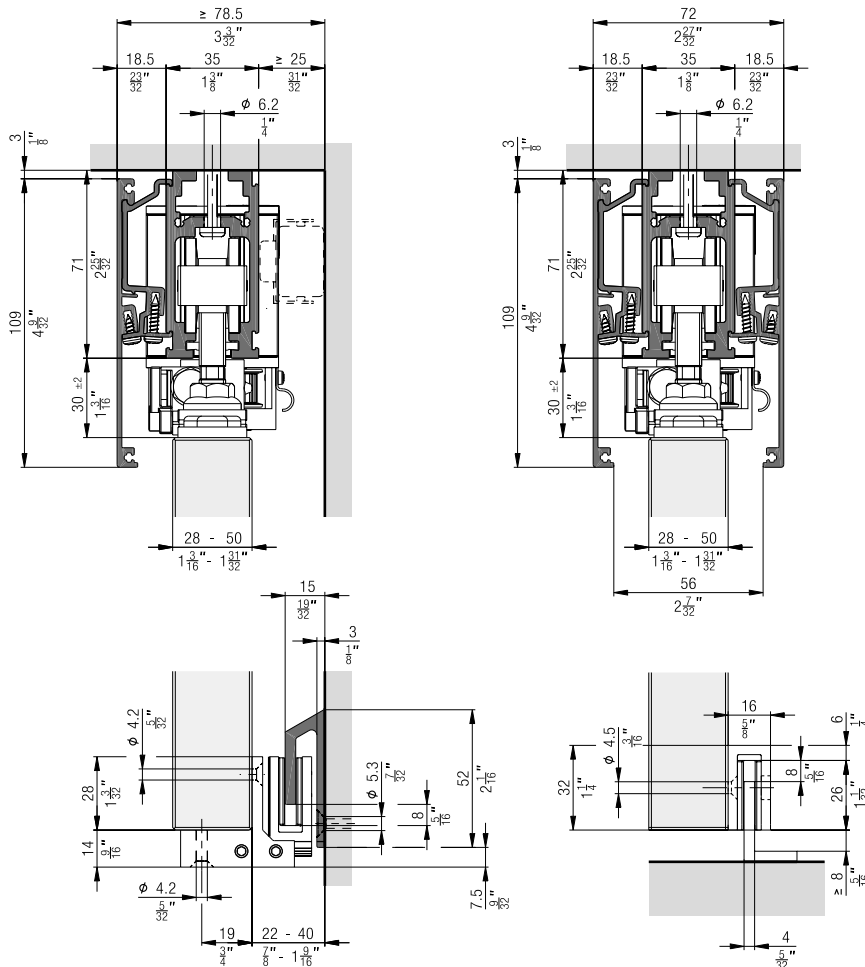
(Max. shutter area 6.24 m² (67 ft²))



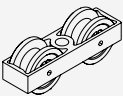
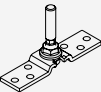
28–50 mm (1 3/32" to 1 31/32")



Installation examples



Set for 1 sliding shutter up to 100 kg

		No.
Hawa Frontslide 100 Matic, for 1 sliding shutter		25138
		No.
Set consisting of:		25138
	Two-wheeled running gear, M10, plastic wheels	2 24552
	Top fixing plate, stainless steel, with hanger bolt M10	2 24564

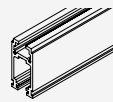
Set Motronic 100 SMI

		No.
Hawa Motronic 100 SMI for Hawa Frontslide 100 Matic, incl. control unit, toothed belt lock and pulley wheel		30521
		No.
Set consisting of:		30521
	Hawa Motronic 100 SMI with integrated control and connecting cable with a premounted Wieland plug	1 30317
	Wieland connector for Hawa Motronic 60/100/140 SMI	1 30277
	Pulley wheel for automatic mechanism	1 24792
	Toothed belt lock	1 19654
	End stop, aluminum	2 24786

Toothed belt
Toothed belt length calculation: 2 x system width

		No.
	Toothed belt, 2.7 m (8' 10 5/16"), fibre glass reinforced, black	20208
	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")	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.
	Guide track, aluminum, anodized, pre-drilled	6000 (19' 8 7/32")	24460
		cut to size	24462

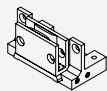
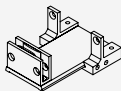
Panels

		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

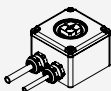
Panel attachment components

		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

Start-up box

		No.
	Commissioning box	23789
	SMI adapter for commissioning box	30363

Accessories

		No.
	Front cover plate, aluminum, anodized, for ceiling fitting, 1 pair	24813
	Front cover plate for ceiling fitting, aluminum, 1 pair	24815

Technical data Hawa Motronic 100 SMI

Drive with integrated controller, with SMI 3.0 BF interface, CE tested

Feed:	100 – 240 VAC, 50/60 Hz, 30 W
Max. preliminary fusing:	16 A
Overvoltage category:	II
Degree of protection:	I
Temperature range:	-20° C to +60° C
Contamination level:	1
IP protection level:	IP 54
Max. speed:	70 mm/s
Max. drive power:	100 N (with internal overload protection)
Switch elements:	Customer-provided
Mains isolation device:	Customer-provided

Type plate

Hawa Motronic 100  I- →

Artikel-Nr. 30317

Kontakt www.hawa.com

Charge 20ZZ/YYYYYY

Key-ID 0016XXXXXX, Bj: 20ZZ

Antriebskraft max. 100 N, IP54

100-240 VAC, 50/60 Hz, 30 W

Geschwindigkeit max. 7 cm/s

Betriebstemp. -20 °C bis +60 °C

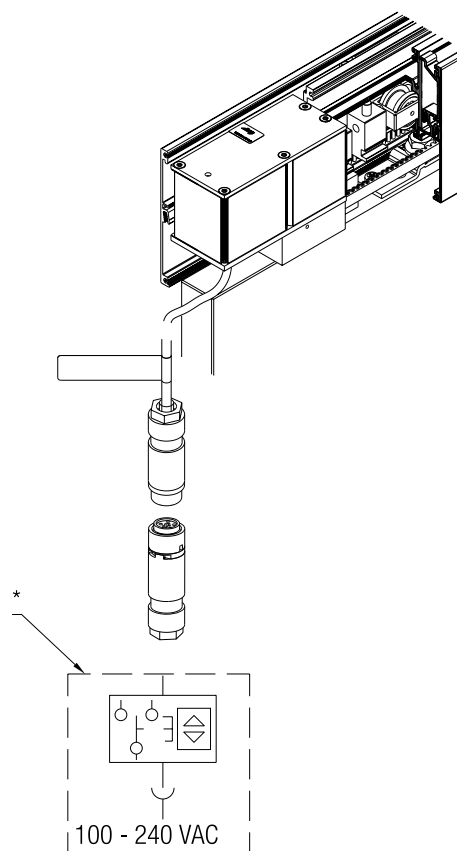
Hawa

I+ →

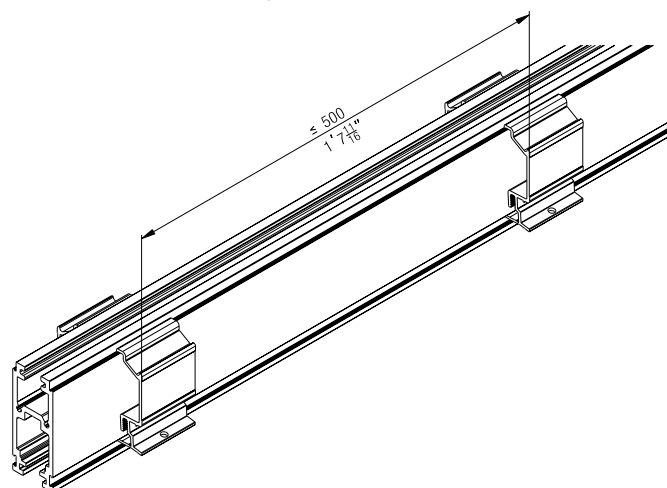
Actuation and operation of the system

The system can be operated with normal commercial sun blind switches.

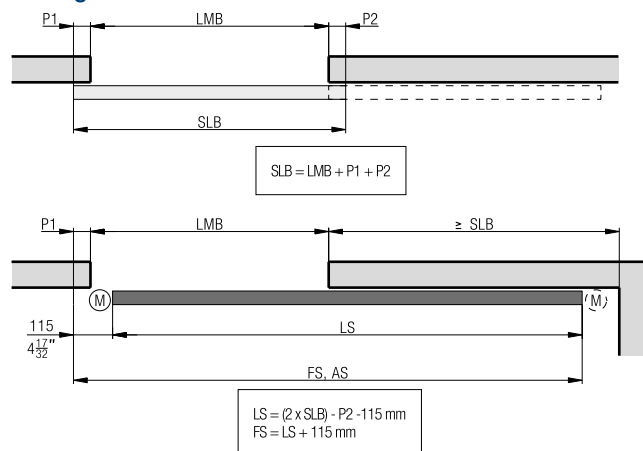


* to be provided by customer

Panel attachment component installation

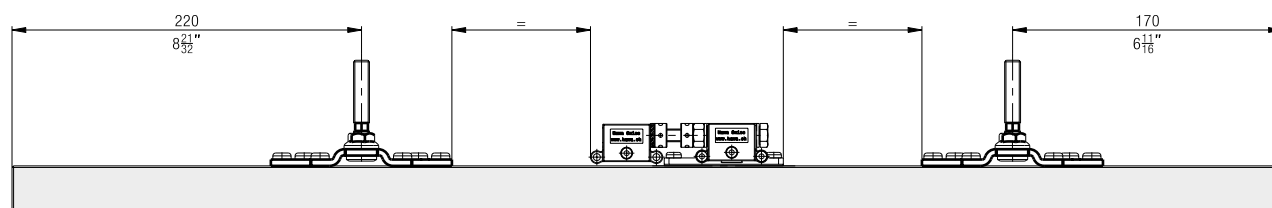


Sliding shutter width calculation

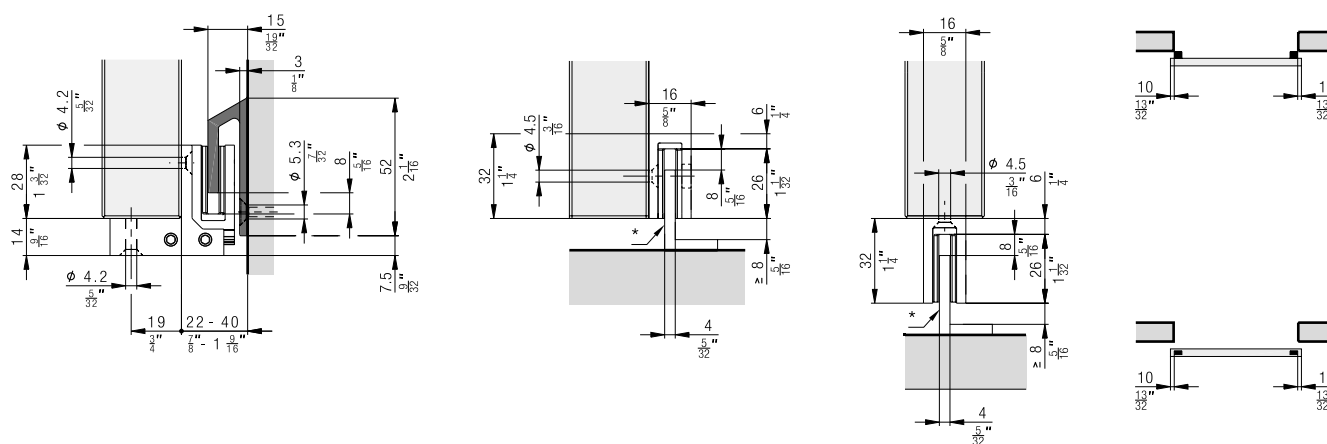


AB = System width
LMB = Inside clearance
SLB = Sliding shutter width
P = Sliding shutter overlap
LS = Running track
FS = Guide track
M = Minimum space for drive unit

Suspension points



Guides



* to be provided by customer

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.