

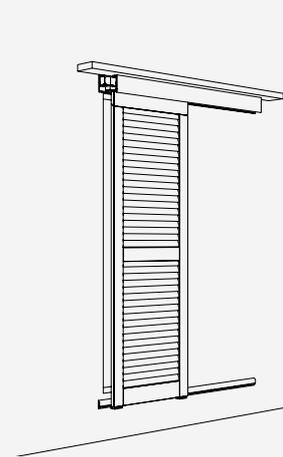
Automated fitting with SMI interface for wooden or metal shutters up to 100 kg (220 lbs.), with screwed on running track. Ceiling or architrave mounting.

Product highlights

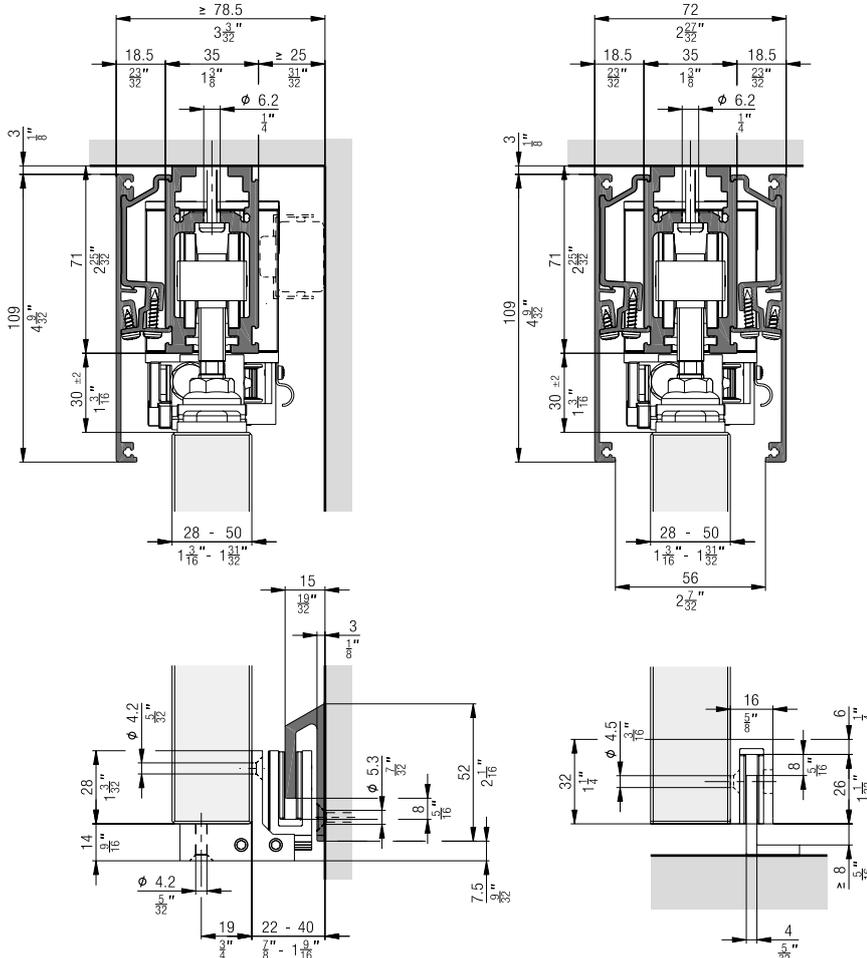
-  **Comfort** Automated system with building control interface
Optimized individual use of daylight
-  **Security** Extremely robust sliding shutter that has been tested for 100,000 cycles
High resistance to wind and corrosion

Technical specifications

-  Max. 100 kg (220 lbs.)
-  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 3/16" to 1 31/32")

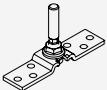


Installation examples



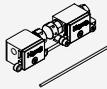
Set for 1 sliding shutter up to 100 kg

	No.
Hawa Frontslide 100 Matic, for 1 sliding shutter	25138

		25138	No.
Set consisting of:			
	Two-wheeled running gear, M10, plastic wheels	2	24552
	Top fixing plate, stainless steel, with hanger bolt M10	2	24564

Set Motronic 100 SMI

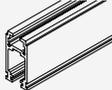
	No.
Hawa Motronic 100 SMI for Hawa Frontslide 100 Matic, incl. control unit, toothed belt lock and pulley wheel	30521

		30521	No.
Set consisting of:			
	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

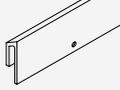
Running tracks

	mm (inch)	No.
	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

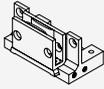
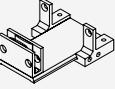
Panels

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

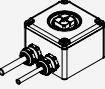
Panel attachment components

		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

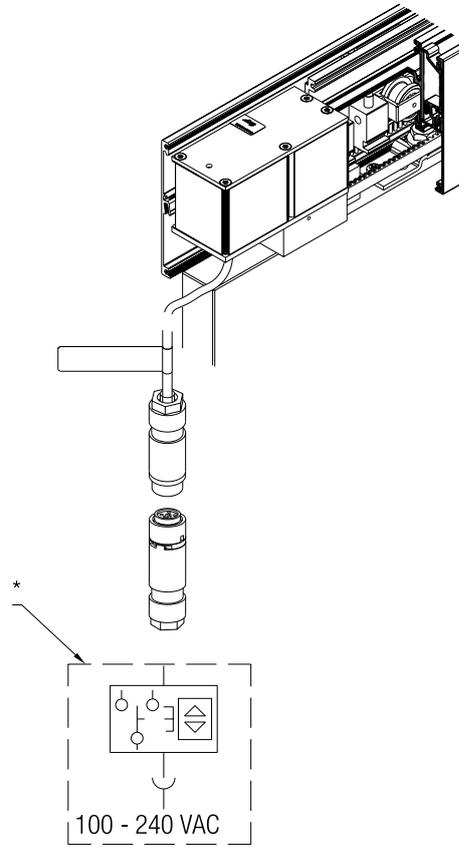
Feed:	100 – 240 VAC, 50/60 Hz, 30 W
Max. preliminary fusing:	16 A
Overvoltage category:	II
Degree of protection:	I
Temperature range:	-20° C to +60° C
Contamination level:	1
IP protection level:	IP 54
Max. speed:	70 mm/s
Max. drive power:	100 N (with internal overload protection)
Switch elements:	Customer-provided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

Type plate

Hawa Motronic 100			I- →
Artikel-Nr.	30317	Hawa	
Kontakt	www.hawa.com		
Charge	20ZZ/YYYYYY		I+ →
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			

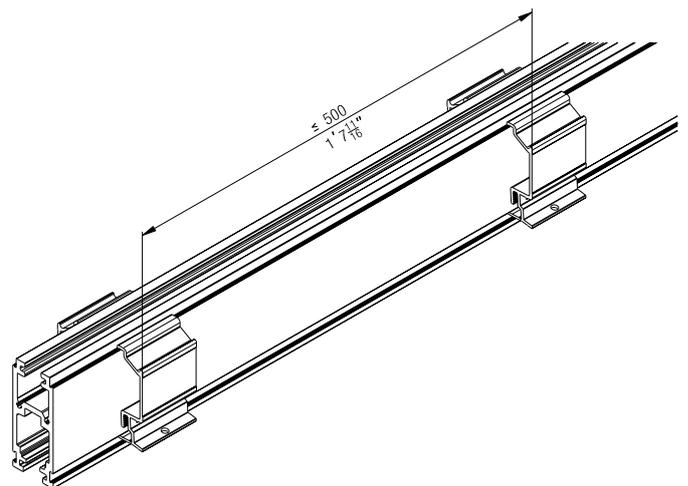
Actuation and operation of the system

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

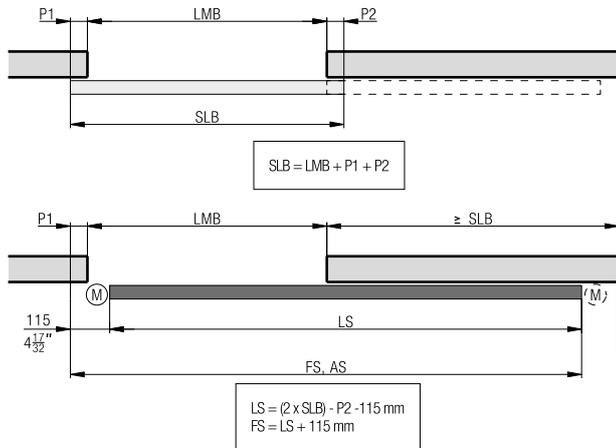


* to be provided by customer

Panel attachment component installation

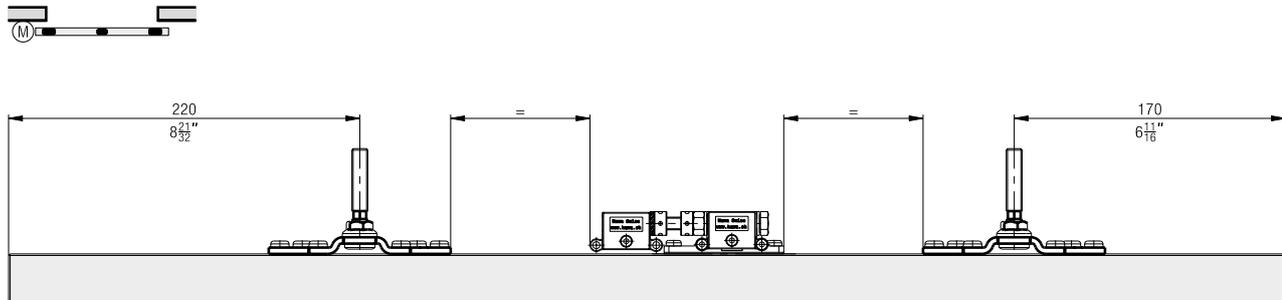


Sliding shutter width calculation

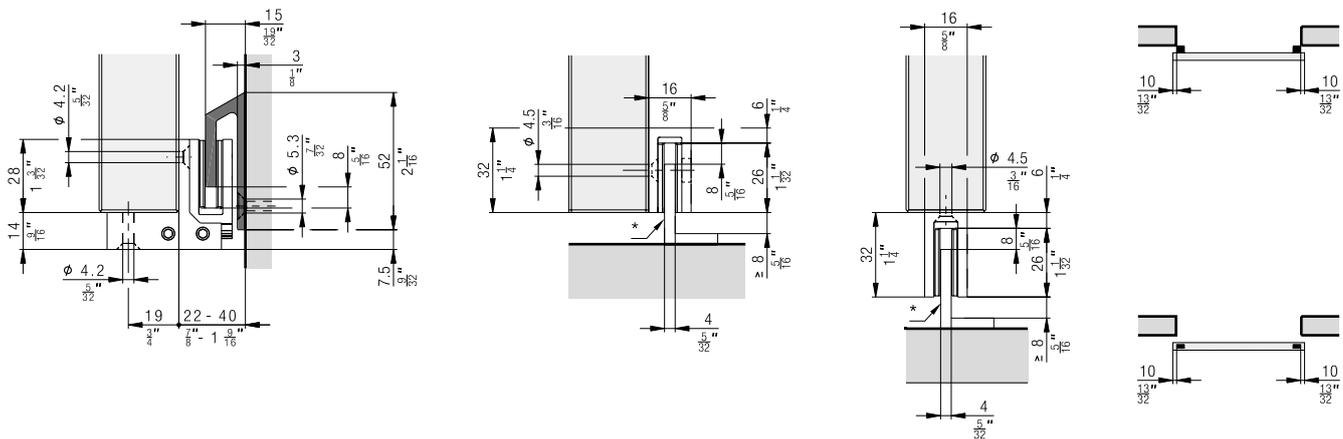


- AB = System width
- LMB = Inside clearance
- SLB = Sliding shutter width
- P = Sliding shutter overlap
- LS = Running track
- FS = Guide track
- M = Minimum space for drive unit

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.