







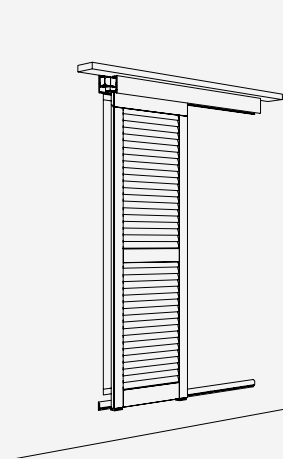
Automated fitting with SMI interface for wooden or metal shutters up to 60 kg (132 lbs.), with screwed on running track. Ceiling or architrave mounting. Optionally with angled profile for wall mounting.

Product highlights

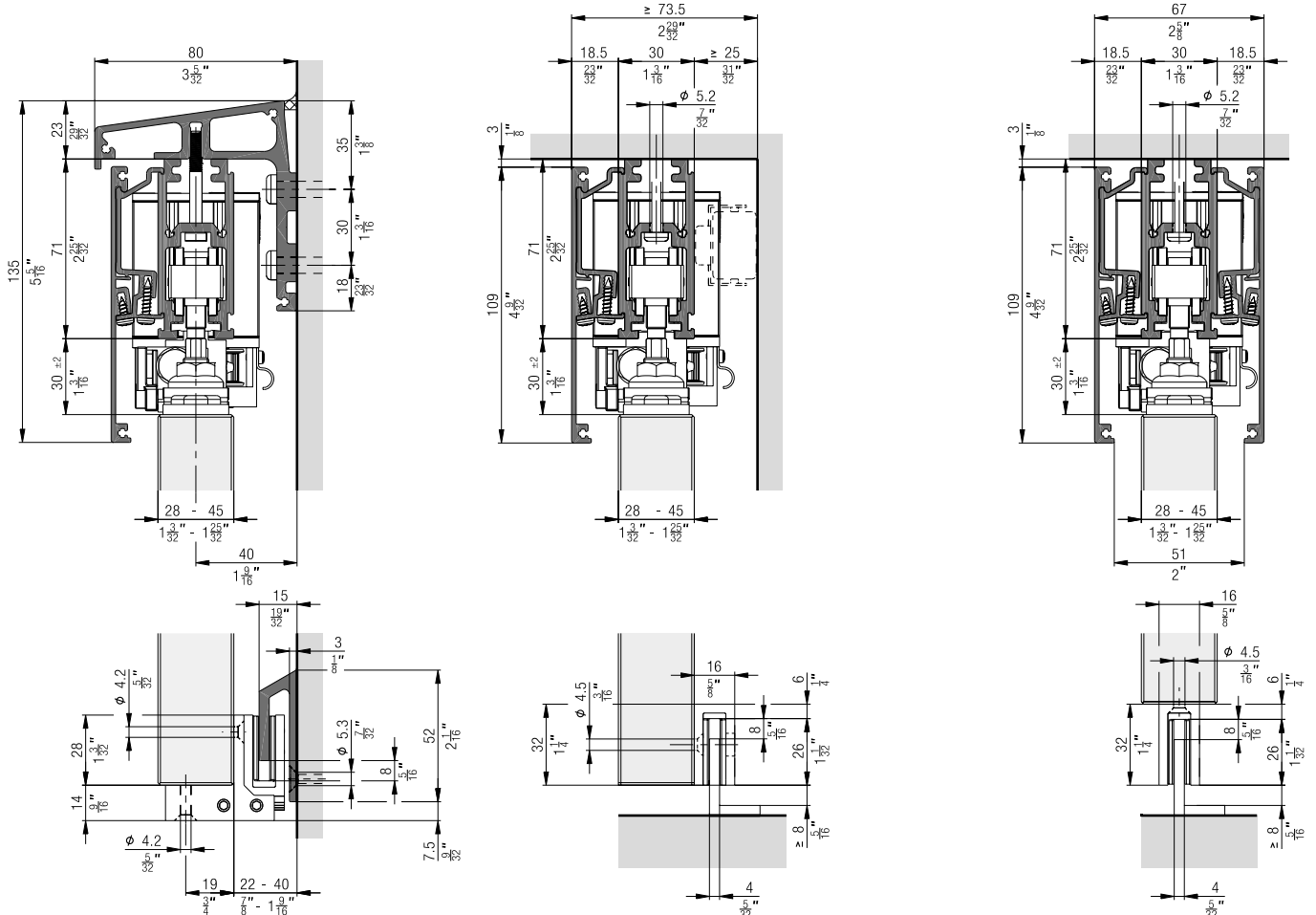
-  **Comfort** Automated system with building control interface  
Optimized individual use of daylight
-  **Security** Extremely robust sliding shutter that has been tested for 100,000 cycles  
High resistance to wind and corrosion

Technical specifications

-  Max. 60 kg (132 lbs.)
-  Max. 3200 mm (10' 5 31/32")
-  600–3750 mm (1' 11 5/8" to 12' 3 5/8")  
(max. shutter area 6.24 m<sup>2</sup> (67 ft<sup>2</sup>))
-  28–45 mm (1 3/32" to 1 25/32")



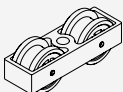
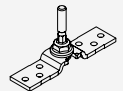
Installation examples



**Set for 1 sliding shutter up to 60 kg (132 lbs.)**

	No.
Hawa Frontslide 60 Matic, for 1 sliding shutter	25132




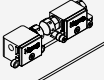

	25132	No.
<b>Set consisting of:</b>		

	Two-wheeled running gear, M8, plastic wheels	2	17119
	Top fixing plate, with suspension bolt M8, stainless steel	2	24562

**Set Motronic 60 SMI**


	No.
Hawa Motronic 60 SMI for Hawa Frontslide 60 Matic, incl. control unit, toothed belt lock and pulley wheel	30520

	30520	No.
<b>Set consisting of:</b>		

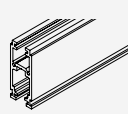
	Hawa Motronic 60 SMI with integrated control and connecting cable with a premounted Wieland plug	1	30298
	Wieland connector for Hawa Motronic 60/100/140 SMI	1	30277
	Pulley wheel for automatic mechanism	1	24792
	Toothed belt lock	1	19654
	End stop, aluminum	2	24786

**Toothed belt**

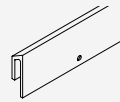
**Toothed belt length calculation: 2 x system width**

	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

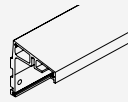
**Running tracks**

	mm (inch)	No.
	3500 (11' 5 25/32")	24839
	6000 (19' 8 7/32")	24795
	cut to size	24796


**Guide tracks**

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

**Angled profile for 1 sliding level**


	mm (inch)	No.	
	Angled profile for one sliding level, aluminum, anodized, pre-drilled	6000 (19' 8 7/32")	21378
	cut to size		21379
	Angled profile for one sliding level, aluminum, pre-drilled	6000 (19' 8 7/32")	21380
	cut to size		21381

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

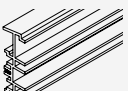
	No.	
	Connecting bolts, 6-piece set	17221

### 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


### Spacer profiles

		mm (inch)	No.
	Spacer profile for angled profile support, aluminum, anodized	6000 (19' 8 7/32")	19724
		cut to size	19727

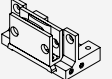
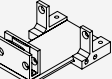

### Panels

		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

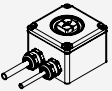

### Panel attachment components

		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 plates, ceiling mounting, aluminum, anodized, 1 pair	24573
	Front cover plates, ceiling mounting, aluminum, 1 pair	24575
	Front cover plates, wall mounting without spacer profile, aluminum, anodized, 1 pair	24577
	Front cover plates, wall mounting without spacer profile, aluminum, 1 pair	24580
	Front cover plates, wall mounting with spacer profile, aluminum, anodized, 1 pair	24583
	Front cover plates, wall mounting with spacer profile, aluminum, 1 pair	24586

**Technical data Hawa Motronic 60 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:	100 mm/s
Max. drive power:	100 N (with internal overload protection)
Switch elements:	Customer-provided
Mains isolation device:	Customer-provided

**Type plate**

**Hawa Motronic 60** L- →

Artikel-Nr. 30298

Kontakt [www.hawa.com](http://www.hawa.com)

Charge 20ZZ/YYYYYY

Key-ID 0016XXXXXX, Bj: 20ZZ

Antriebskraft max. 100 N, IP54

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

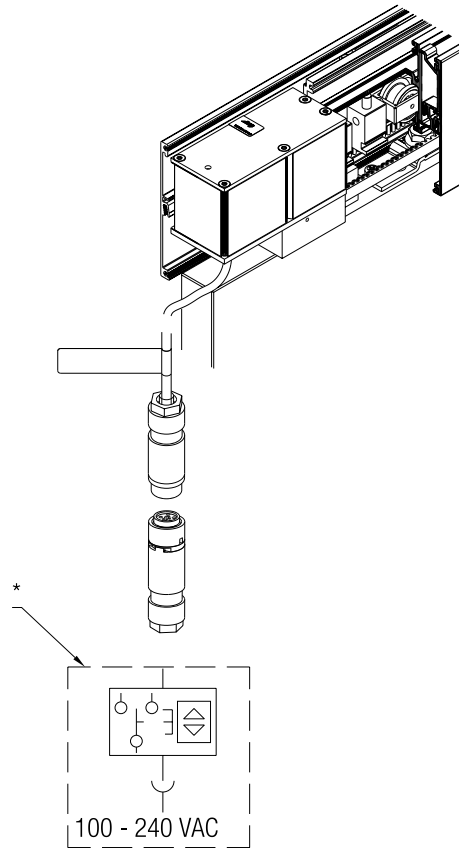
Geschwindigkeit max. 10 cm/s

Betriebstemp. -20 °C bis +60 °C

I+ →

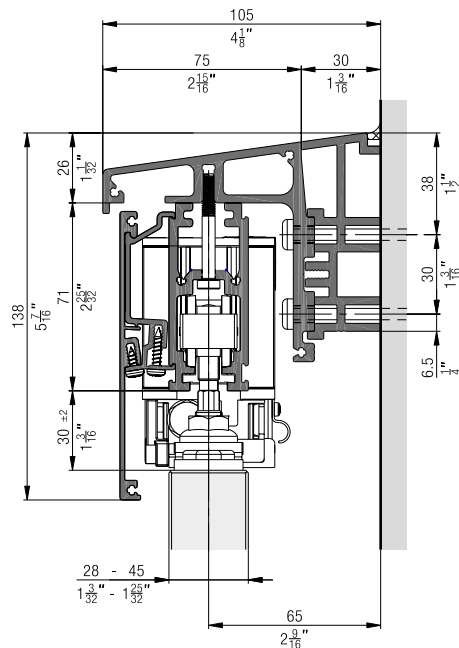
**Actuation and operation of the system**

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

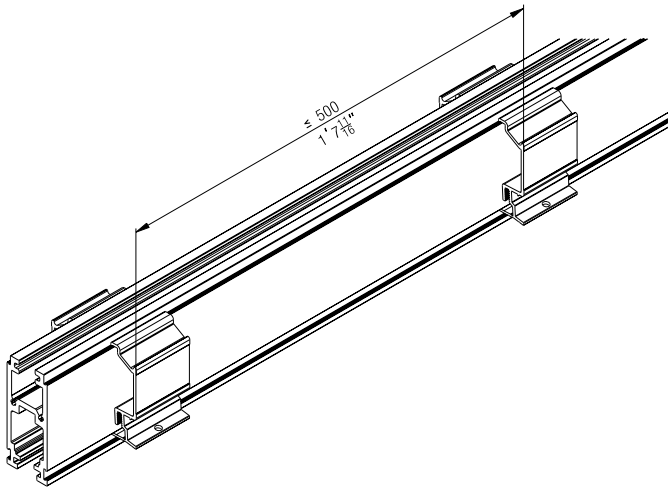


\* to be provided by customer

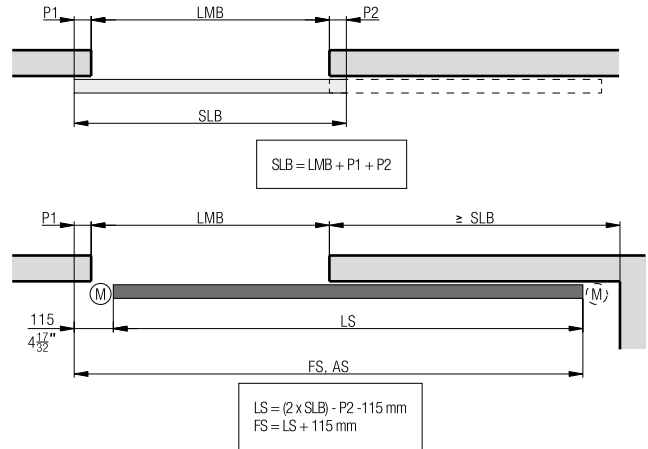
**Wall mounting with spacer profile (weatherboard)**



Panel attachment component installation

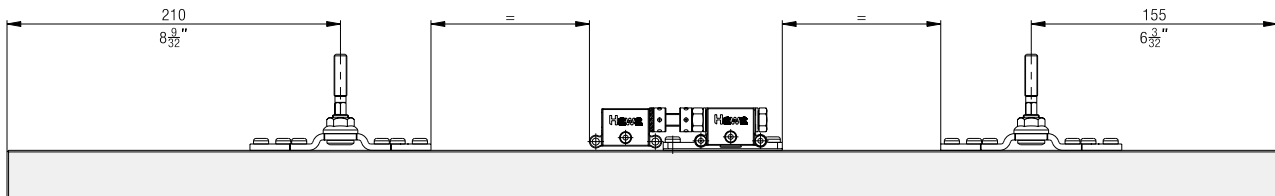


Sliding shutter width calculations

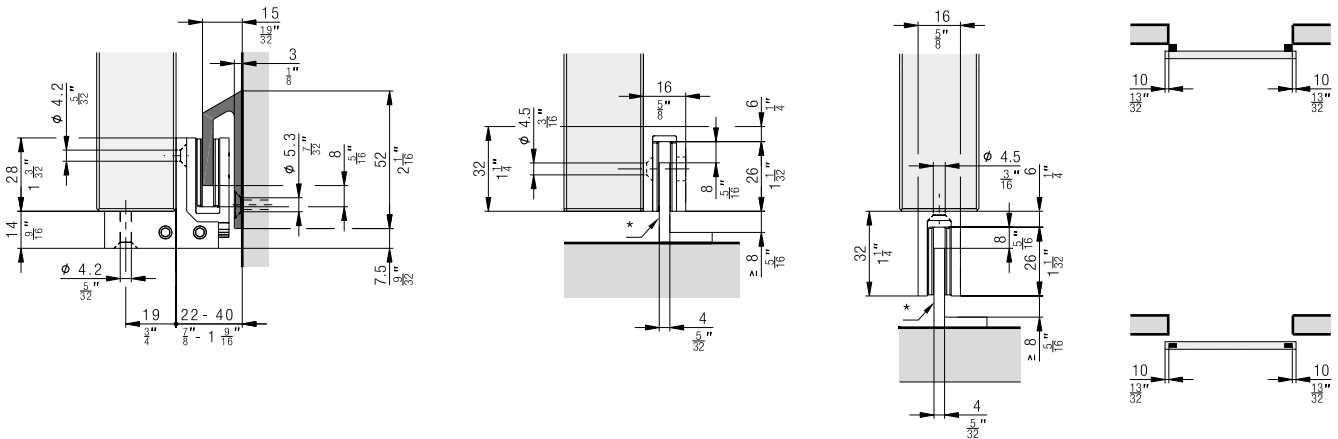


- AB = System width
- LMB = Inside clearance
- SLB = Sliding shutter width
- P = Sliding shutter overlap
- LS = Running track
- FS = Guide track
- M = Minimum space for drive unit

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](http://www.hawa.com).