

**Automated fitting with SMI interface for 2 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



#### Aesthetics

Convertible, living façade with interesting design features

### Technical specifications



Max. 60 kg (132 lbs.)



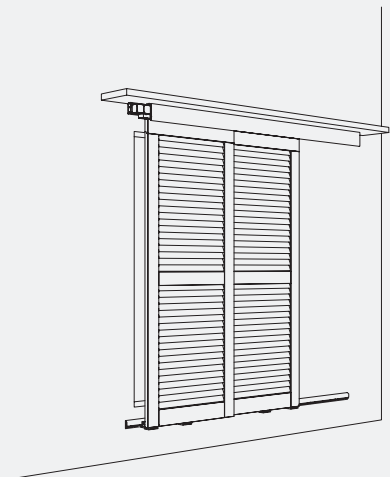
Max. 3200 mm (10' 5 31/32")



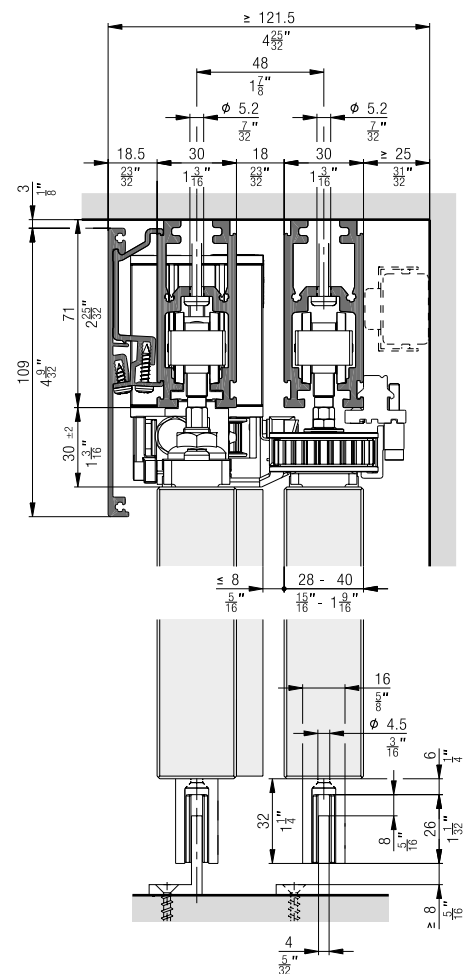
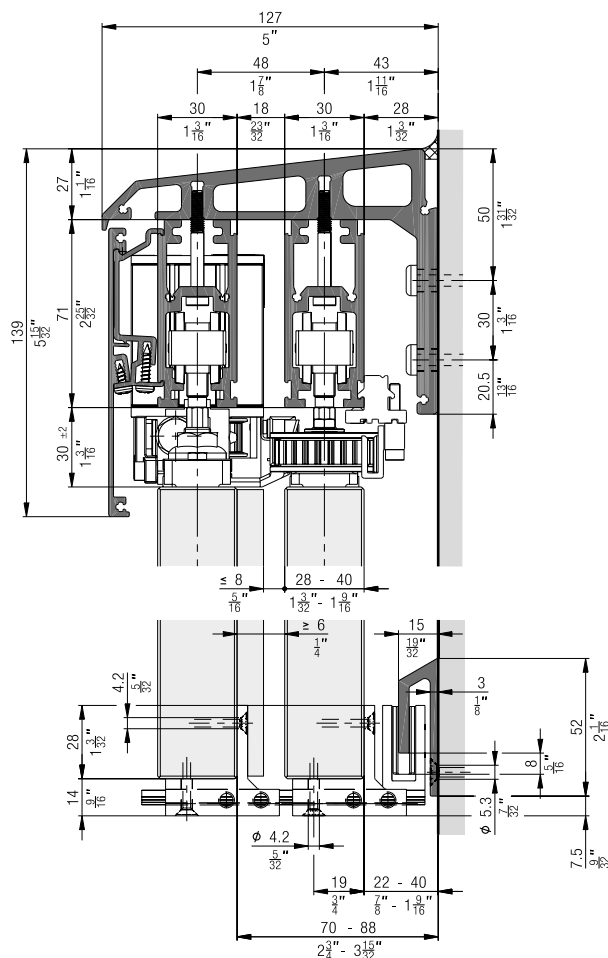
650–1200 mm (2' 1 19/32" to 3' 11 1/4")  
(Max. shutter area 3.84 m<sup>2</sup> (41 ft<sup>2</sup>))



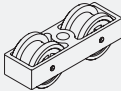
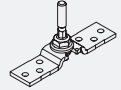
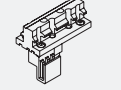
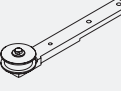
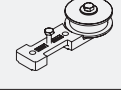
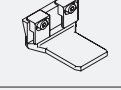
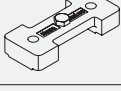

28–40 mm (1 3/32" to 1 9/16")



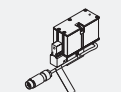
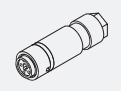
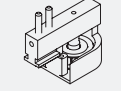
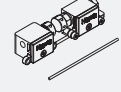
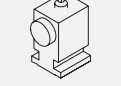
### Installation examples



### Set for 2 sliding shutters up to 60 kg (132 lbs.)


		No.	
Hawa Frontslide 60 Matic Telescopic, for 2 sliding shutters		25135	
		25135	No.
<b>Set consisting of:</b>			
	Two-wheeled running gear, M8, plastic wheels	4	17119
	Top fixing plate, with suspension bolt M8, stainless steel	4	24562
	Clamp for toothed belt	1	24777
	Guide pulley wheel, with fixing plate, long	1	20139
	Guide pulley wheel, with fixing plate, short	1	20140
	Driver, wide	1	20141
	Driver counter-plate, wide	1	20246
	Toothed belt, 2.7 m (8'10 5/16"), fibre glass reinforced, black	1	20208

### Set Motronic 60 SMI

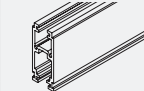
		No.	
Hawa Motronic 60 SMI for Hawa Frontslide 60 Matic, incl. control unit, toothed belt lock and pulley wheel		30520	
		30520	No.
<b>Set consisting of:</b>			
	Hawa Motronic 60 SMI with integrated control and connecting cable with a premounted Wieland plug	1	30298
	Wieland connector for Hawa Motronic 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.
	Running track, aluminum, anodized, pre-drilled	3500 (11' 5 25/32")	24839
		6000 (19' 8 7/32")	24795
		cut to size	24796


### Guide tracks

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

### Angled profile for 2 sliding levels


		mm (inch)	No.
	Angled profile for two sliding level, aluminum, anodized, pre-drilled	6000 (19' 8 7/32")	21384
		cut to size	21385
	Angled profile for two sliding level, aluminum, pre-drilled	6000 (19' 8 7/32")	21386
		cut to size	21387

### 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

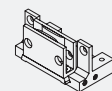
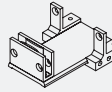
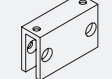
### Panels

		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

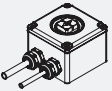

### Panel attachment components

	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 for two sliding levels, wall fitting, aluminum, anodized, 1 pair	24821
	Front cover plates for two sliding levels, wall fitting, aluminum, 1 pair	24824

### Technical data Hawa Motronic 60 SMI

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

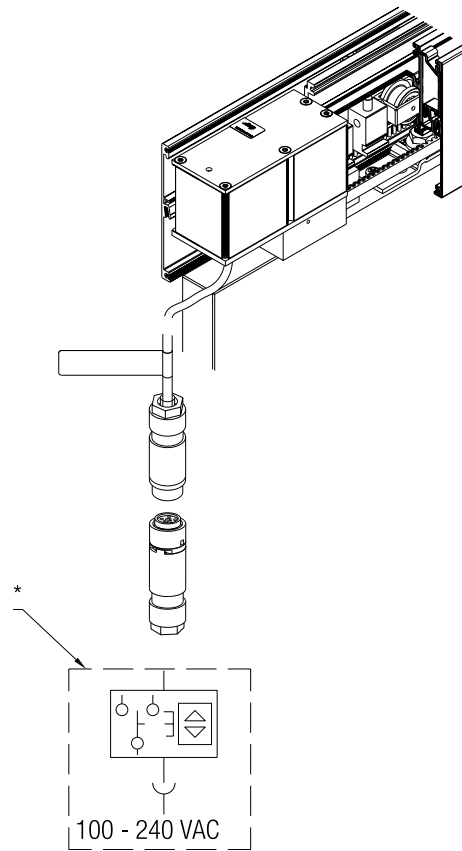
Feed:	100 – 240 VAC, 50/60 Hz, 30 W
Max. preliminary fusing:	16 A
Overvoltage category:	II
Degree of protection:	I
Temperature range:	-20° C to +60° C
Contamination level:	1
IP protection level:	IP 54
Max. speed:	100 mm/s
Max. drive power:	100 N (with internal overload protection)
Switch elements:	Customer-provided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

### Type plate

<b>Hawa Motronic 60</b>			I- →
Artikel-Nr.	30298	<b>Hawa</b>	
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. 10 cm/s			
Betriebstemp. -20 °C bis +60 °C			I+ →

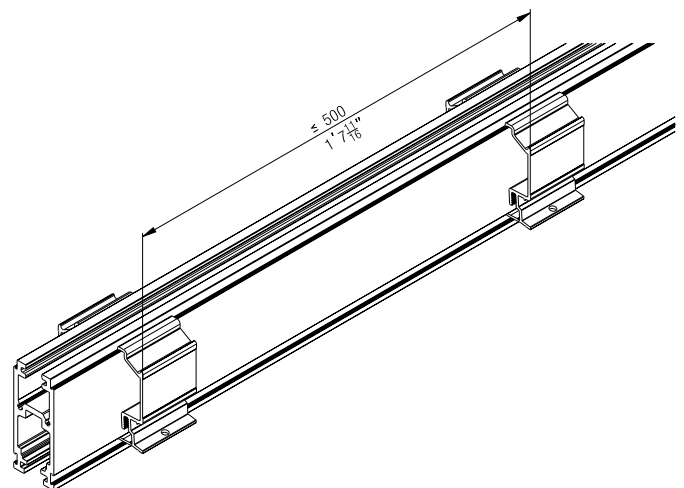
### Actuation and operation of the system

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

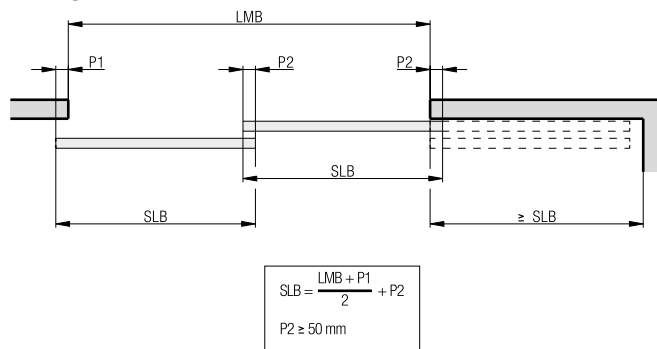


\* to be provided by customer

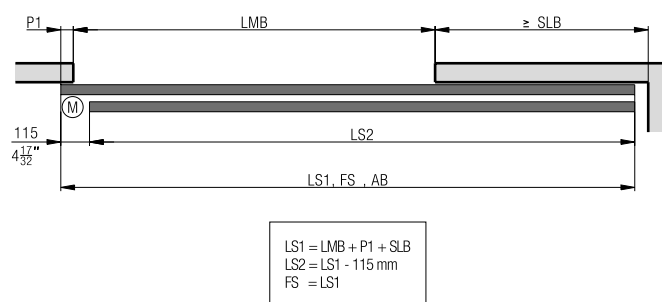
### Panel attachment component installation



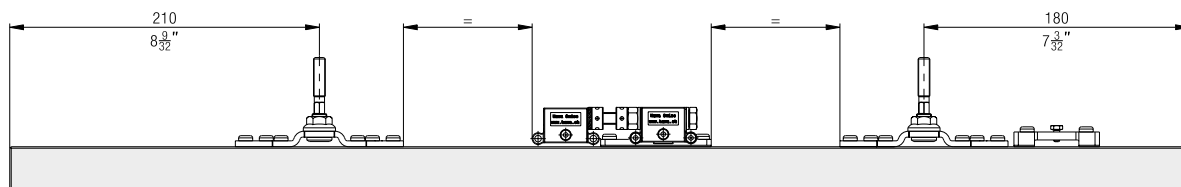
### Sliding shutter width calculations



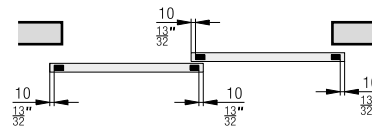
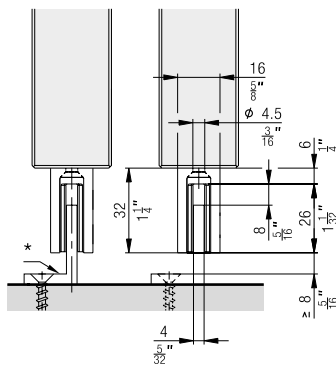
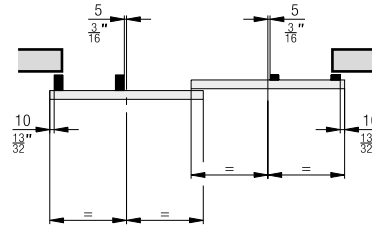
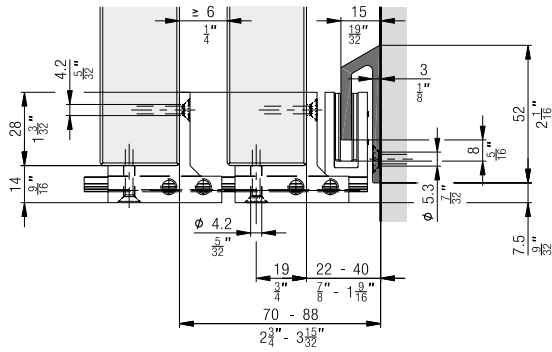
AB = System width  
 LMB = Inside clearance  
 SLB = Sliding shutter width  
 P = Sliding shutter overlap  
 LS1 = Inner running track  
 LS2 = Outer running track  
 FS = Guide track  
 M = Minimum space for drive unit



### 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).