

**Automated fitting with SMI interface for 2 wooden or metal shutters up to 140 kg (309 lbs.), with screwed on running track. Ceiling or architrave 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. 140 kg (309 lbs)



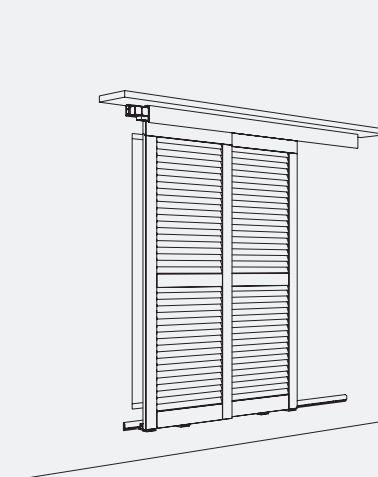
Max. 3200 mm (10' 5 31/32")



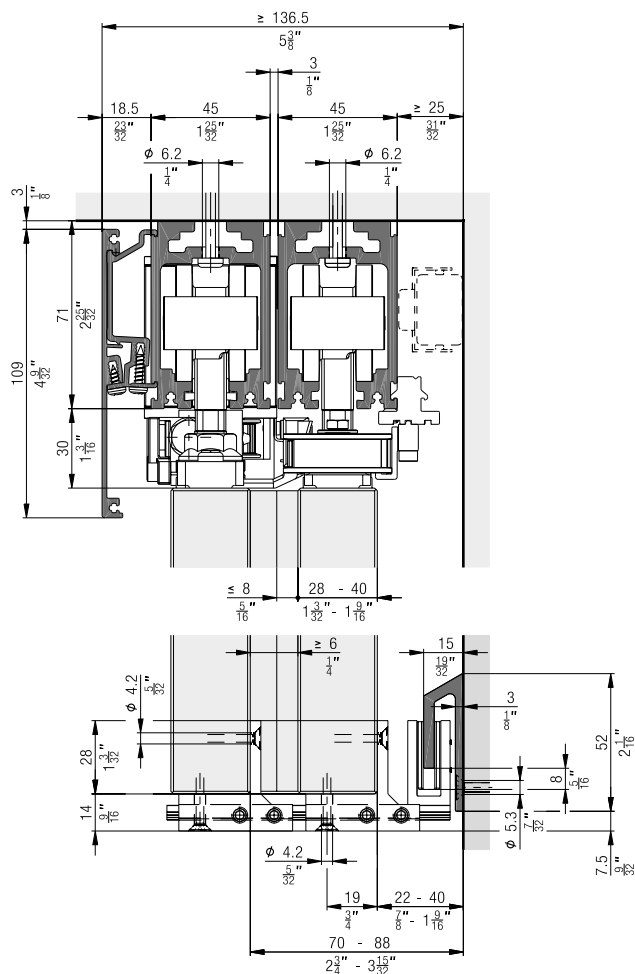
750–1200 mm (2' 5 17/32" to 3' 11 1/4")  
(Max. shutter area 3.84 m² (41 ft²))



28–40 mm (1 3/32" to 1 9/16")



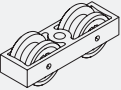


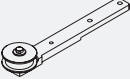


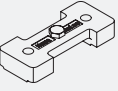

### Installation examples



**Set for 2 sliding shutters up to 140 kg (309 lbs.)**

	No.
Hawa Frontslide 140 matic Telescopic , for 2 sliding shutters	25145






**Set consisting of:**

		25145	No.
	Two-wheeled running gear, M12, plastic wheels	4	24554
	Top fixing plate, stainless steel, with hanger bolt M12	4	24567
	Toothed belt clamp	1	25060
	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

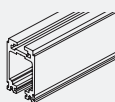
**Set Motronic 140 SMI**

	No.
Hawa Motronic 140 SMI for Hawa Frontslide 140 Matic, incl. control unit, toothed belt lock and pulley wheel	30522


**Set consisting of:**

		30522	No.
	Hawa Motronic 140 SMI with integrated control and connecting cable with a premounted Wieland plug	1	30318
	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

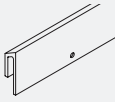
**Running tracks**

		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

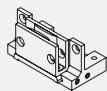
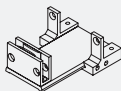

## Panels

		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

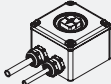

## Panel attachment components

		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

## Start-up box





		No.
	Commissioning box	23789
	SMI adapter for commissioning box	30363

### Technical data Hawa Motronic 140 SMI

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

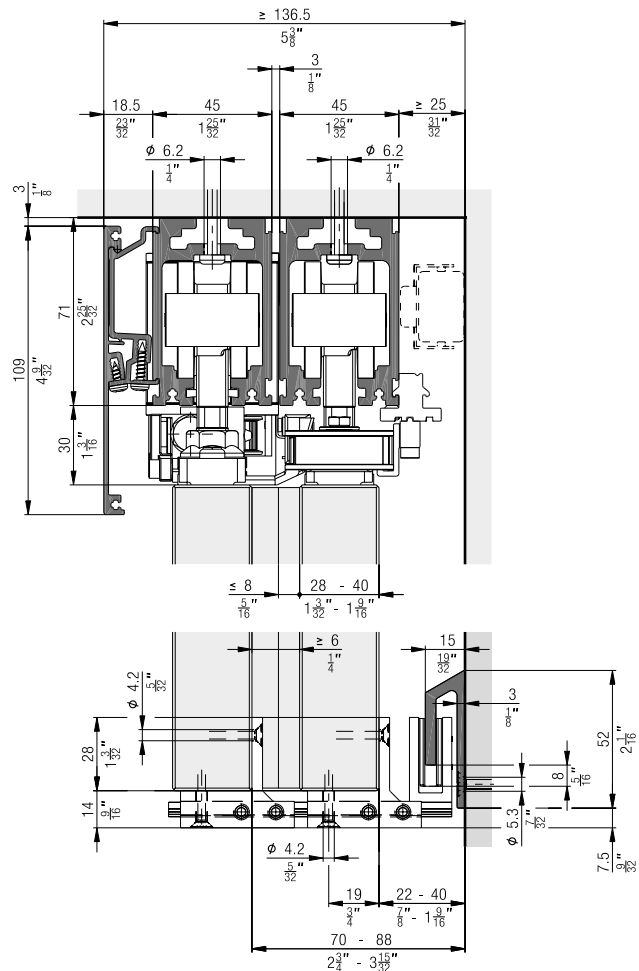
Feed:	100 – 240 VAC, 50/60 Hz, 30 W
Max. preliminary fusing:	16 A
Overvoltage category:	II
Degree of protection:	I
Temperature range:	-20° C to +60° C
Contamination level:	1
IP protection level:	IP 54
Max. speed:	50 mm/s
Max. drive power:	100 N (with internal overload protection)
Switch elements:	Customer-provided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

### Type plate

<b>Hawa Motronic 140</b>			I- →
Artikel-Nr.	30318	  	I+ →
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. 5 cm/s			
Betriebstemp. -20 °C bis +60 °C			

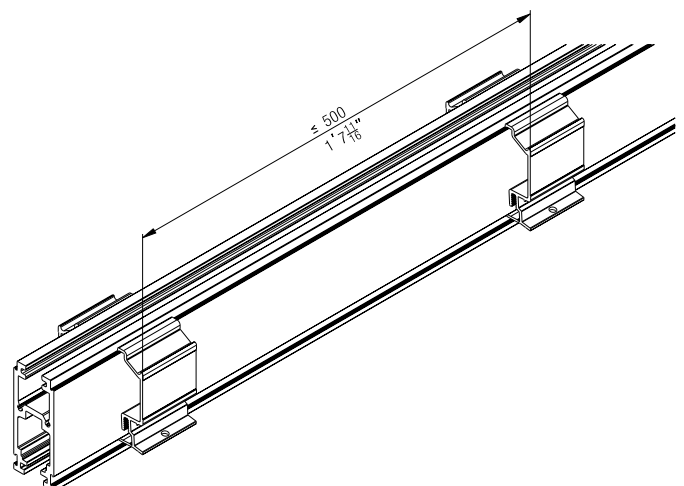
### Actuation and operation of the system

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

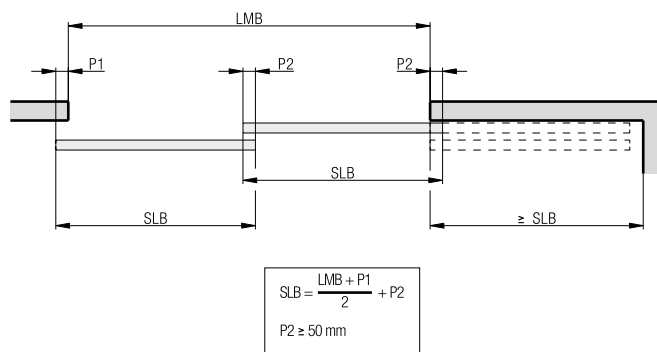


\* to be provided by customer

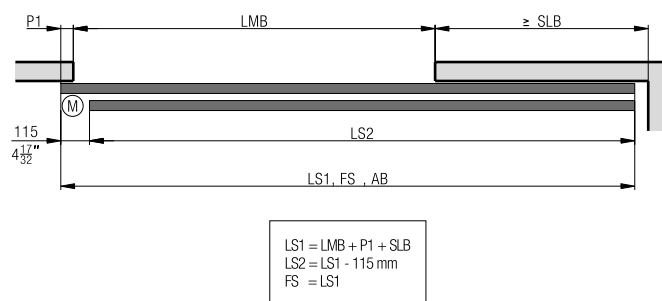
### Panel attachment component installation



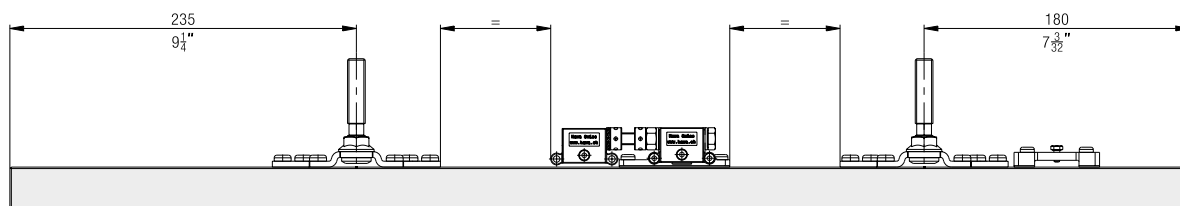
### Sliding shutter width calculations



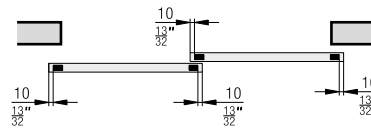
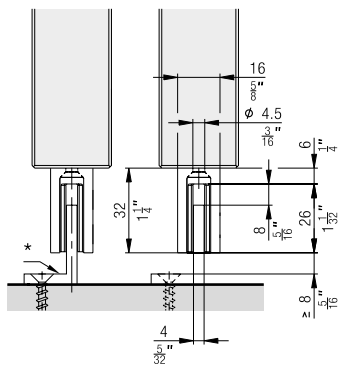
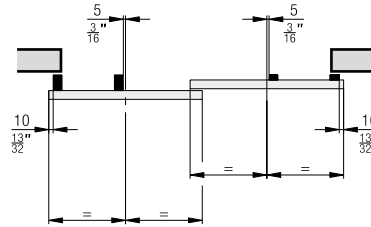
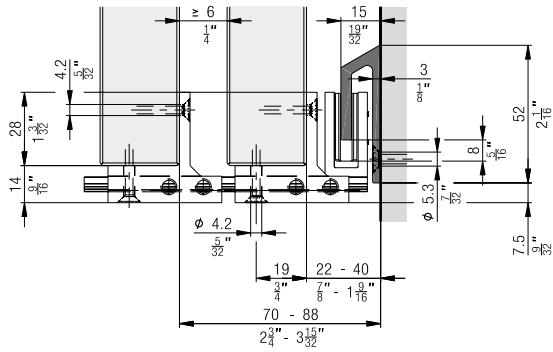
AB = System width  
 LMB = Inside clearance  
 SLB = Sliding shutter width  
 P = Sliding shutter overlap  
 LS1 = Inner running track  
 LS2 = Outer running track  
 FS = Guide track  
 M = Minimum space for drive unit



### 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).