

Automated fitting with SMI interface for 2 symmetrically opening 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



Productivity

Increases energy efficiency in the building

Technical specifications



Max. 100 kg (220 lbs.)



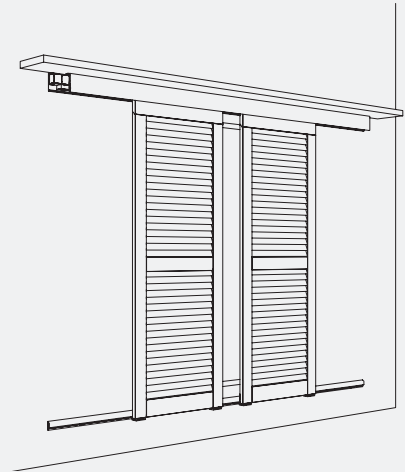
Max. 3200 mm (10' 5 31/32")



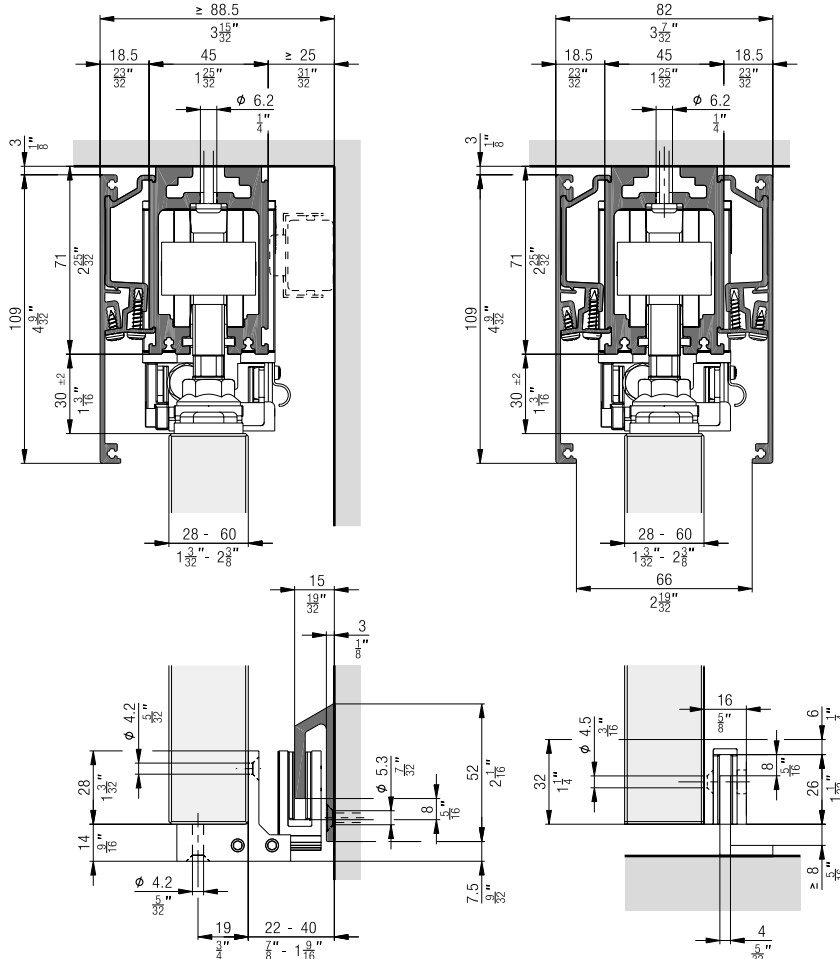
750–1875 mm (2' 5 17/32" to 6' 1 13/16")
(Max. shutter area 6.24 m² (67 ft²))



28–60 mm (1 3/32" to 2 3/8")



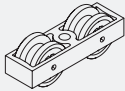
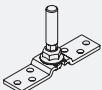
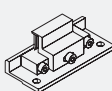
Installation examples



Set for 2 sliding shutters up to 100 kg (220 lbs.)

	No.
Hawa Frontslide 140 Matic Symmetric 2, for 2 sliding shutters	25452


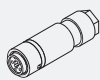

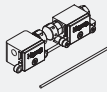

Set consisting of:

		25452	No.
	Two-wheeled running gear, M12, plastic wheels	4	24554
	Top fixing plate, stainless steel, with hanger bolt M12	4	24567
	Driver for Symmetric-installations	1	19655


Set Motronic 140 SMI

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

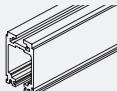
Set consisting of:

		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


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

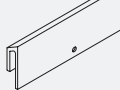
Running tracks

	mm (inch)	No.
 Running track, aluminum, anodized, pre-drilled	3500 (11' 5 25/32")	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

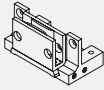
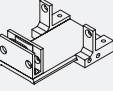

Panels

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

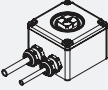

Panel attachment components

	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, aluminum, anodized, for ceiling fitting, 1 pair	24817
 Front cover plates, aluminum, for ceiling fitting, 1 pair	24819

Technical data Hawa Motronic 140 SMI

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

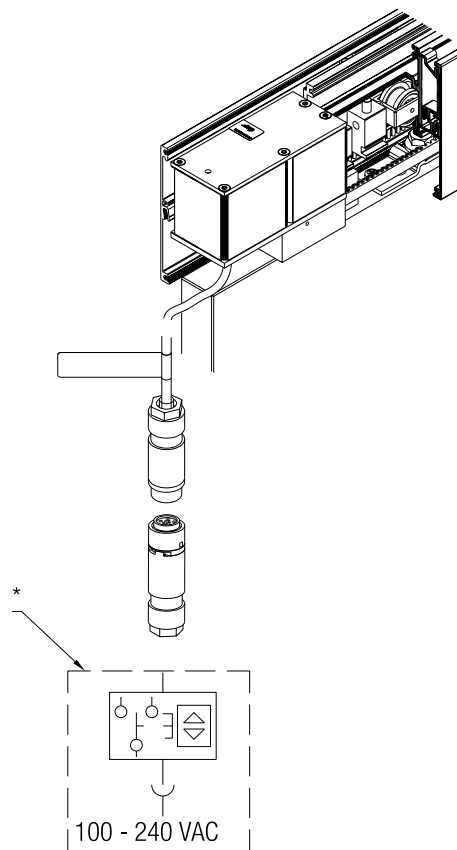
Feed:	100 – 240 VAC, 50/60 Hz, 30 W
Max. preliminary fusing:	16 A
Overvoltage category:	II
Degree of protection:	I
Temperature range:	-20° C to +60° C
Contamination level:	1
IP protection level:	IP 54
Max. speed:	50 mm/s
Max. drive power:	100 N (with internal overload protection)
Switch elements:	Customer-provided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

Type plate

Hawa Motronic 140			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			

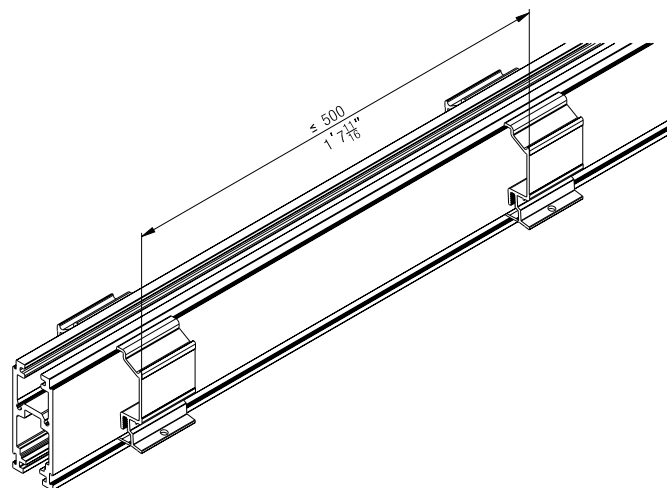
Actuation and operation of the system

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

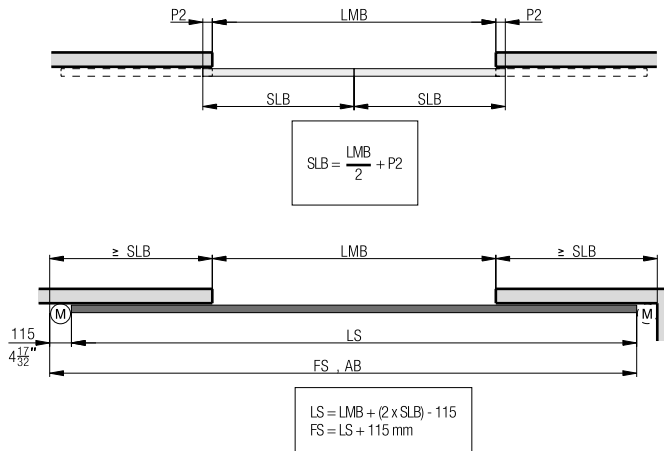


* to be provided by customer

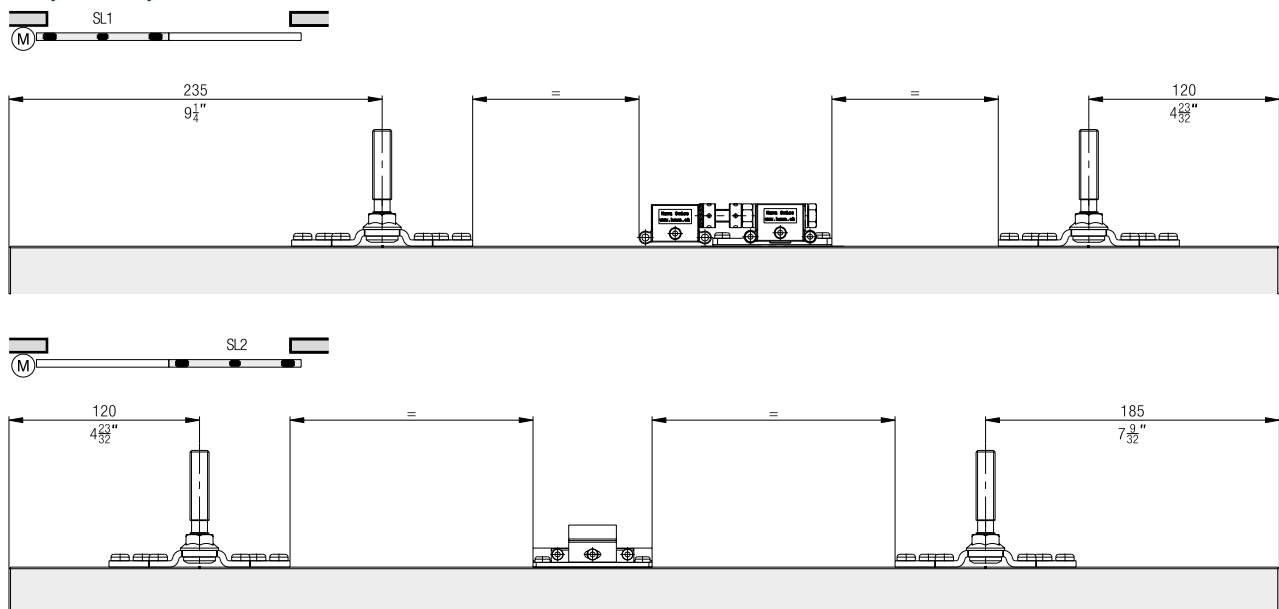
Panel attachment component installation



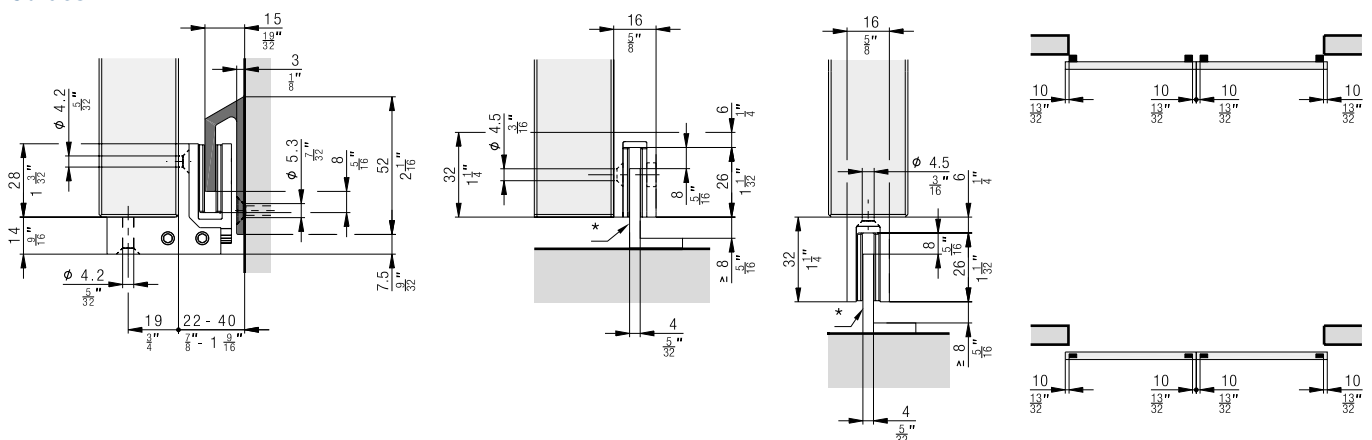
Sliding shutter width calculation



Suspension points



Guides



* to be provided by customer

Planning/execution

- Corrosion resistance class 4 in accordance with EN 1670
- Wind resistance class overview from page 198

Further information about the product can be found on www.hawa.com.