

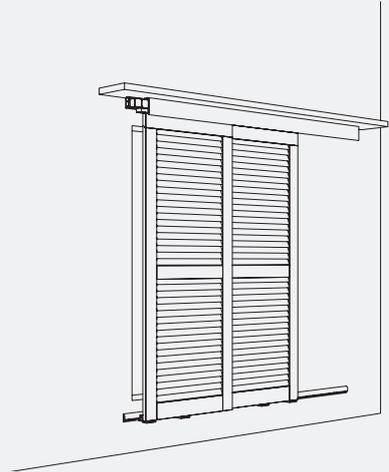
Automated fitting with SMI interface for 2 wooden or metal shutters up to 60 kg (132 lbs.), with screwed on running track. Ceiling or architrave mounting. Optionally with angled profile for wall mounting.

Product highlights

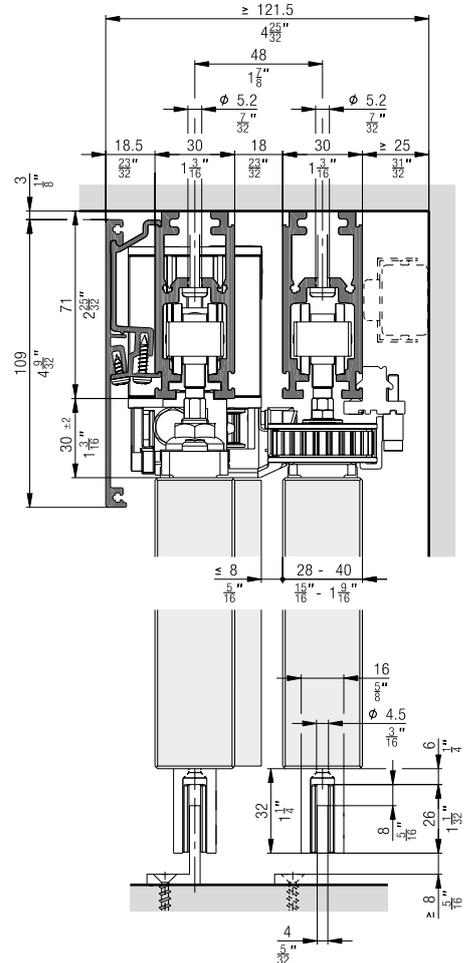
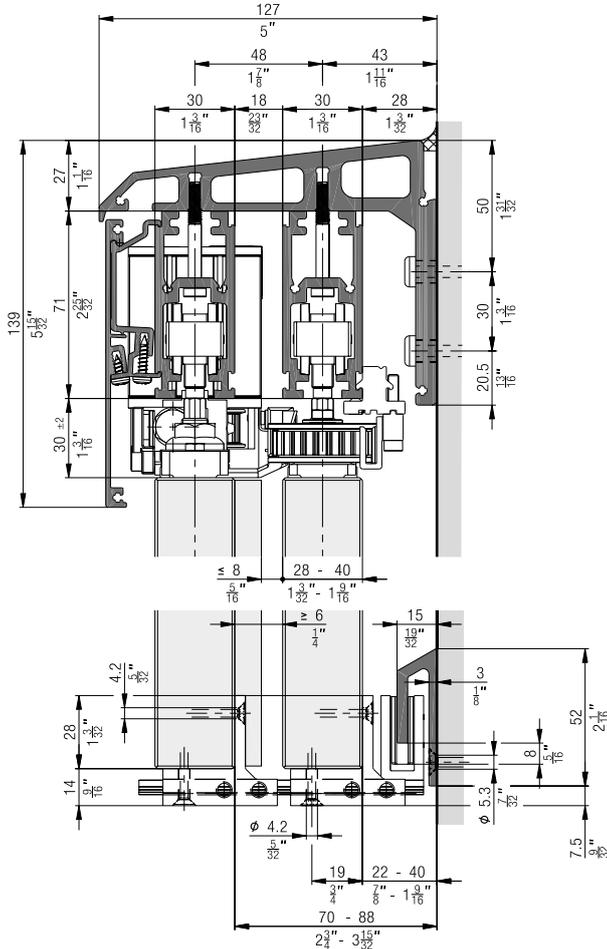
-  **Comfort** Automated system with building control interface
Optimized individual use of daylight
-  **Aesthetics** Convertible, living façade with interesting design features

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 m² (41 ft²))
-  28–40 mm (1 3/32" to 1 9/16")



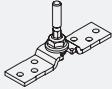
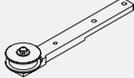
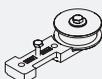
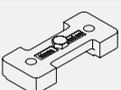
Installation examples



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

	No.
Hawa Frontslide 60 Matic Telescopic, for 2 sliding shutters	25135

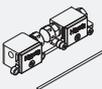
Set consisting of:

		25135	No.
	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

Set consisting of:

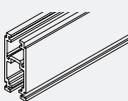
		30520	No.
	Hawa Motronic 60 SMI with integrated control and connecting cable with a premounted Wieland plug	1	30298
	Wieland connector for Hawa Motronic 60/100/140 SMI	1	30277
	Pulley wheel for automatic mechanism	1	24792
	Toothed belt lock	1	19654
	End stop, aluminum	2	24786

Toothed belt

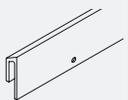
Toothed belt length calculation: 2 x system width

	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

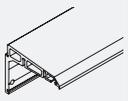
Running tracks

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

Guide tracks

		mm (inch)	No.
	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

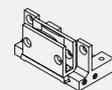
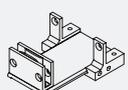
Panels

		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

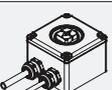
Panel attachment components

		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

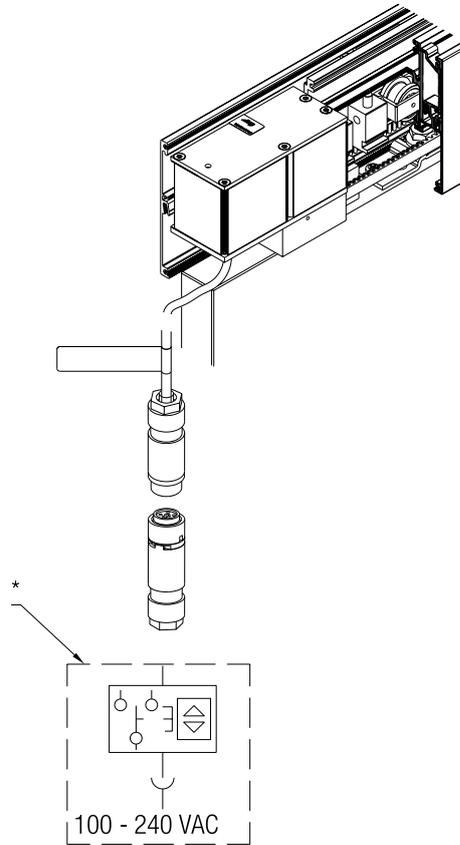
Feed:	100 – 240 VAC, 50/60 Hz, 30 W
Max. preliminary fusing:	16 A
Overvoltage category:	II
Degree of protection:	I
Temperature range:	-20° C to +60° C
Contamination level:	1
IP protection level:	IP 54
Max. speed:	100 mm/s
Max. drive power:	100 N (with internal overload protection)
Switch elements:	Customer-provided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

Type plate

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

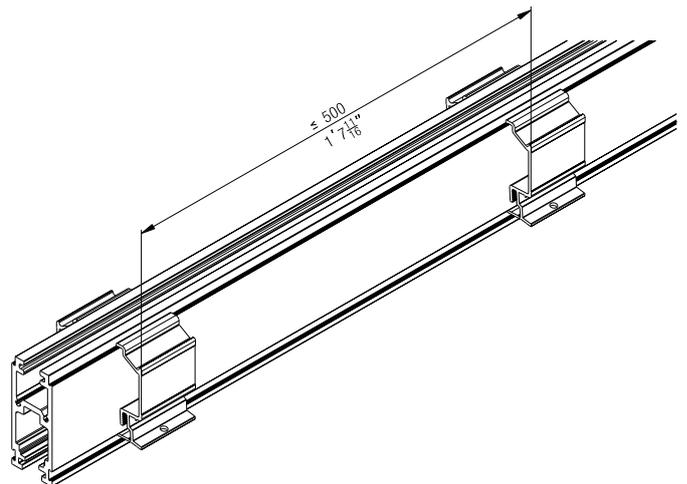
Actuation and operation of the system

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

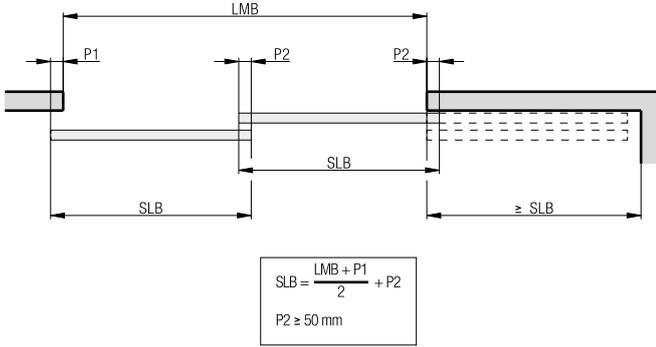


* to be provided by customer

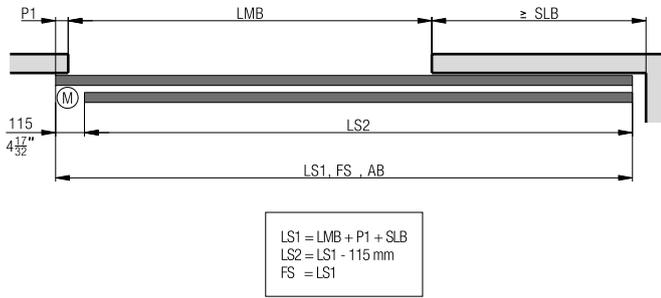
Panel attachment component installation



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

