

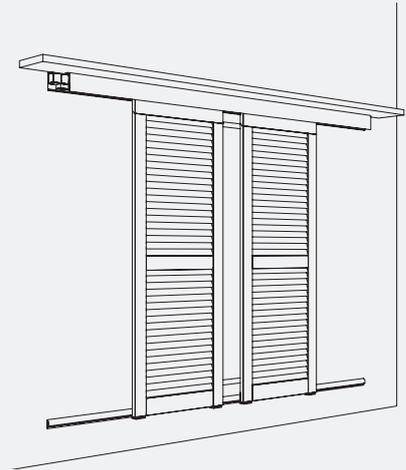
Automated fitting with SMI interface for 2 symmetrically opening wooden or metal shutters up to 60 kg (132 lbs.). With screwed on running track. Ceiling or architrave mounting. Optionally with angled profile for wall mounting.

Product highlights

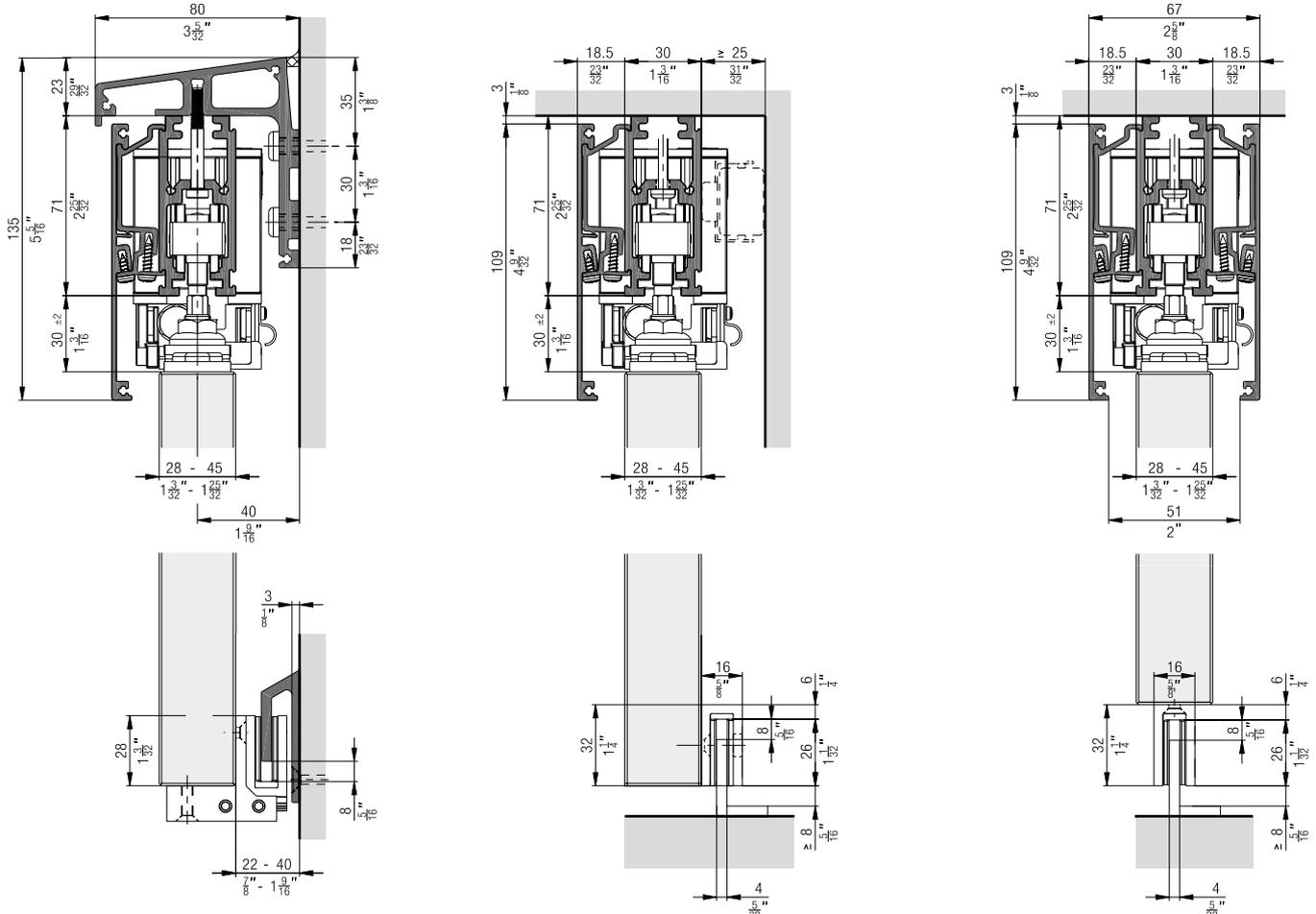
-  **Comfort** Automated system with building control interface
Optimized individual use of daylight
-  **Productivity** Increases energy efficiency in the building

Technical specifications

-  Max. 60 kg (132 lbs.)
-  Max. 3200 mm (10' 5 31/32")
-  550–1875 mm (1' 9 21/32" to 6' 1 13/16")
(Max. shutter area 6.24 m² (67 ft²))
-  28–45 mm (1 3/32" to 1 25/32")



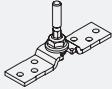
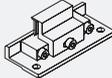
Installation examples



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

	No.
Hawa Frontslide 60 Matic Symmetric 2, for 2 sliding shutters	25133

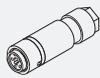
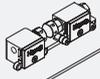
Set consisting of:

	25133	No.
 Two-wheeled running gear, M8, plastic wheels	4	17119
 Top fixing plate, with suspension bolt M8, stainless steel	4	24562
 Driver for Symmetric-installations	1	19655

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:

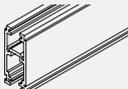
	30520	No.
 Hawa Motronic 60 SMI with integrated control and connecting cable with a premounted Wieland plug	1	30298
 Wieland connector for Hawa Motronic 60/100/140 SMI	1	30277
 Pulley wheel for automatic mechanism	1	24792
 Toothed belt lock	1	19654
 End stop, aluminum	2	24786

Toothed belt

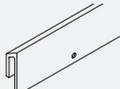
Toothed belt length calculation: 2 x system width

	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

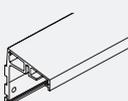
Running tracks

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

Guide tracks

	mm (inch)	No.
	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

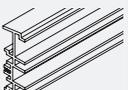
	No.	
	Connecting bolts, 6-piece set	17221

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

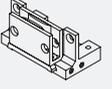
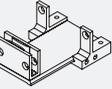
Panels

		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

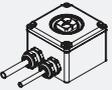
Panel attachment components

		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

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

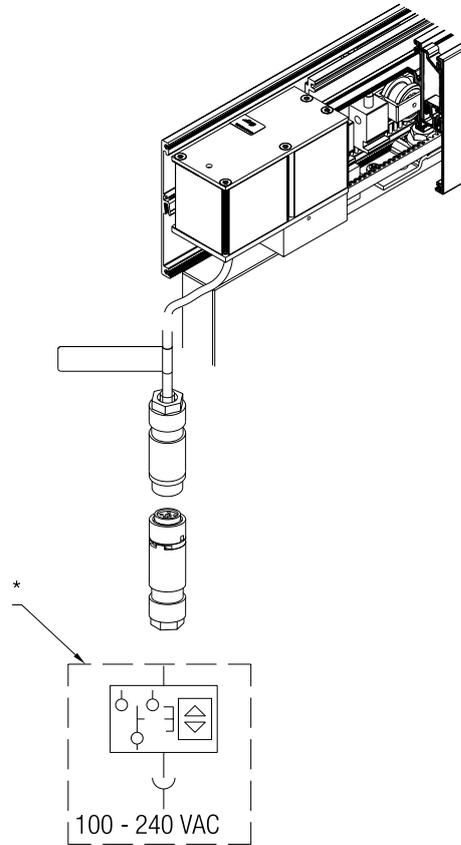
Hawa

CE

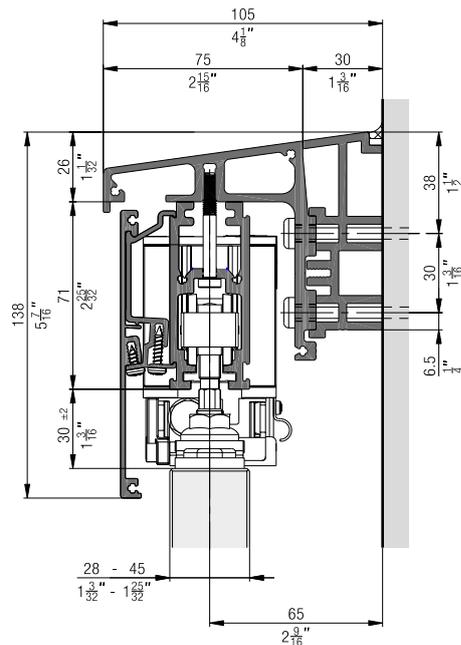
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Actuation and operation of the system

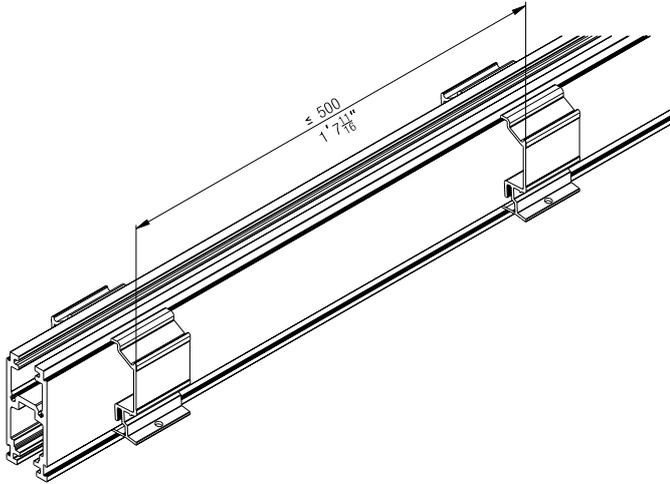
The system can be operated with normal commercial sun blind switches.



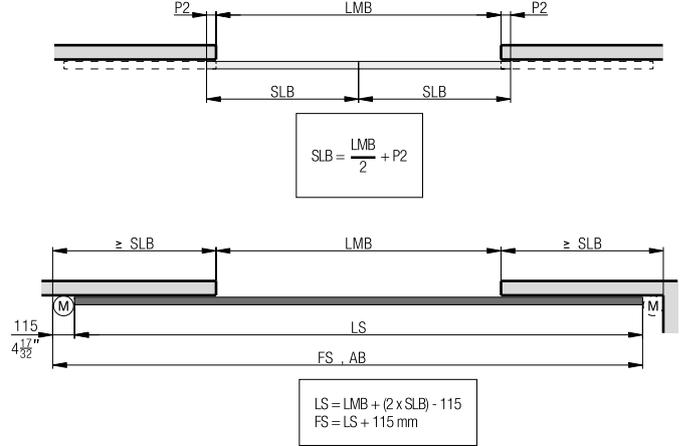
Wall mounting with spacer profile (weatherboard)



Panel attachment component installation

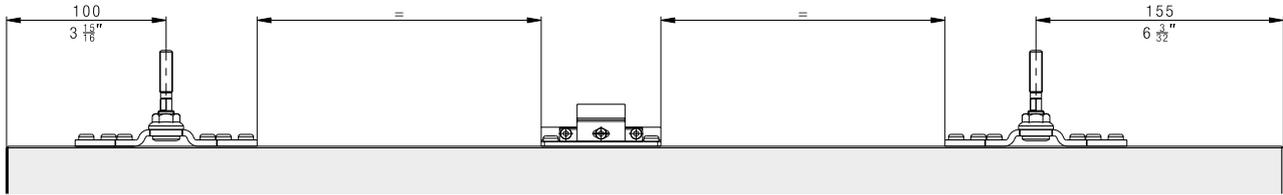
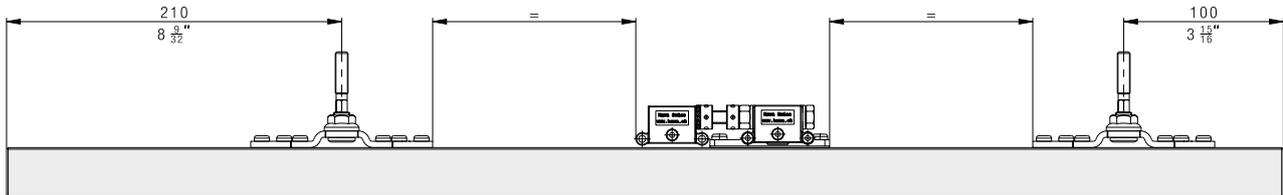


Sliding shutter width calculations

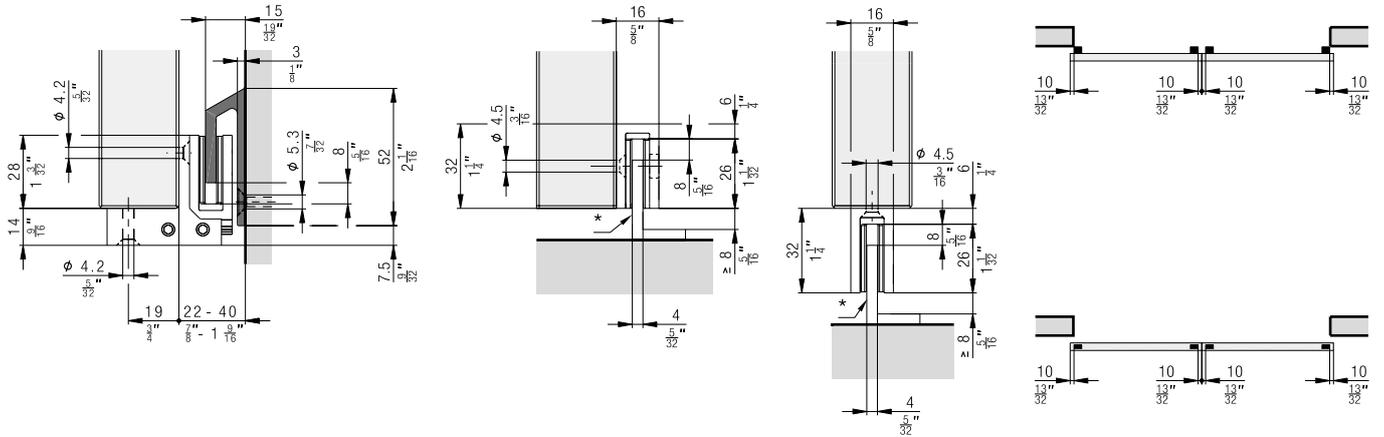


- AB = System width
- LMB = Inside clearance
- SLB = Sliding shutter width
- P = Sliding shutter overlap
- LS = Running track
- FS = Guide track
- M = Minimum space for drive unit

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.