



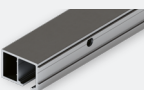
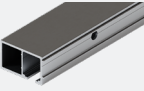
Set for 1 wooden door up to 100 kg (220 lbs.)

	Hawa Junior 100 B/B Pocket Acoustics, for 1 door	No.	30427
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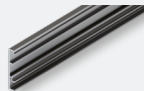
Set consisting of:

		30427	No.
	Running gear, 2-wheeled, M10, ball bearing	2	30137
	SoftStop Hawa Junior 100 Acoustics, with ramp and adjustable retention spring	1	30132
	SoftStop Hawa Junior 80/100, with adjustable retention spring	1	27771
	Suspension profile, plate with screw M10	2	30379
	Cover cap set, plastic, aluminum look, 4-piece set	1	30483
	Locking wrench to suspension	1	10778



Running tracks

		mm (inch)	No.
	Running track, wall mounting, aluminum, anodized, pre-drilled	2,000 (6' 6 3/4 ")	27673
		2,500 (8' 2 7/16")	30323
		3,000 (9' 10 1/8 ")	27672
		6,000 (19' 8 7/32")	27671
		4,000 (13' 1 15/32")	30324
		cut to size	27695
	Running track, wall mounting, extended spacing of +11 mm (7/16") between door and wall, aluminum, anodized, pre-drilled	2,500 (8' 2 7/16")	30613
		6,000 (19' 8 7/32")	30614
		cut to size	30666
	Running track, wall mounting, extended spacing of +20 mm (25/32") between door and wall, aluminum, anodized, pre-drilled	2,500 (8' 2 7/16")	30615
		6,000 (19' 8 7/32")	30616
		cut to size	30667





Panels

	Clip-on panel to running track, aluminum, anodized	mm (inch)	No.
		2,000 (6' 6 3/4 ")	27689
		2,500 (8' 2 7/16")	30328
		3,000 (9' 10 1/8 ")	27688
		4,000 (13' 1 15/32")	30330
		6,000 (19' 8 7/32")	27687
	cut to size	27698	


Panel end component set, 95 mm (3 3/4"), can be shortened, aluminum, wall mounting

		No.
	Panel end component set, left, 95 mm (3 3/4"), aluminum, anodized	30434
	Panel end component set, right, 95 mm (3 3/4"), aluminum, anodized	30435

Set consisting of:

		30434	30435	No.
	Panel end component, left, 95 mm (3 3/4"), aluminum, anodized, can be cut to size	1		30131
	Bracket connector, steel, zinc-plated	1	1	057.3051.101
	Screw, M4x2.6 mm (5/32"x 1/8"), steel, zinc-plated	2	2	011.0101.171
	Panel end component, right, 95 mm (3 3/4"), aluminum, anodized, can be cut to size		1	30398

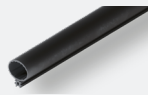
**Sets left type
(horizontal seal set)**

	No.	
	Seal, Hawa Acoustics XS, left	30437
	Seal, Hawa Acoustics S, left	30439
	Seal, Hawa Acoustics M, left	30441
	Seal, Hawa Acoustics L, left	30443
	Seal, Hawa Acoustics XL, left	30445
	Seal, Hawa Acoustics XXL, left	31482
	Seal, Hawa Acoustics XXXL, left	31484

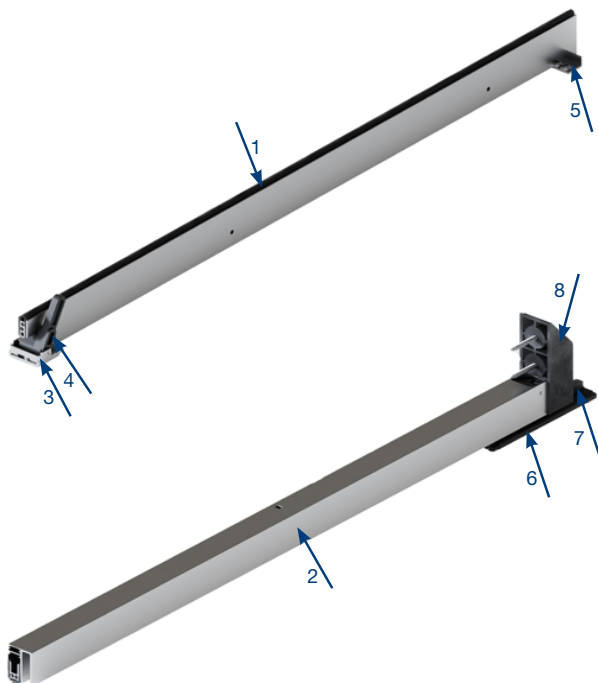
**Sets right type
(horizontal seal set)**

	No.	
	Seal, Hawa Acoustics XS, right	30436
	Seal, Hawa Acoustics S, right	30438
	Seal, Hawa Acoustics M, right	30440
	Seal, Hawa Acoustics L, right	30442
	Seal, Hawa Acoustics XL, right	30444
	Seal, Hawa Acoustics XXL, right	31481
	Seal, Hawa Acoustics XXXL, right	31483

Vertical seal for seal set, left, right set type

	No.
 Seal vertical, Hawa Acoustics, 7700 mm (25' 3 5/32"), silicone, black	30300

Hawa Acoustics horizontal seal set consisting of:



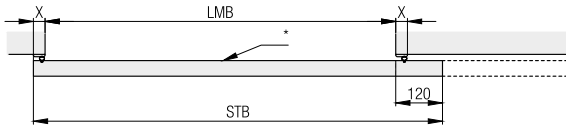
Position	Designation	Number	Type						
			Left/Right						
1	Header Seal	1	Left/Right						
			XS	30454					
			S	30385					
			M	30455					
			L	30456					
			XL	30457					
			XXL	31568					
			XXXL	31571					
2	Floor Seal	1	Left		Right				
			XS	30446	XS	30447			
			S	30387	S	30383			
			M	30448	M	30449			
			L	30450	L	30451			
			XL	30452	XL	30453			
			XXL	31569	XXL	31572			
			XXXL	31570	XXXL	31573			
			3, 4, 5	Small parts set top	1	Left	30390	Right	30392
			6, 7	Small parts set bottom	1	Left	30416	Right	30417
8	Pocketadapter	1	Left/Right	30418					

Definition left, right / door width calculation

Left type (left hand lock)

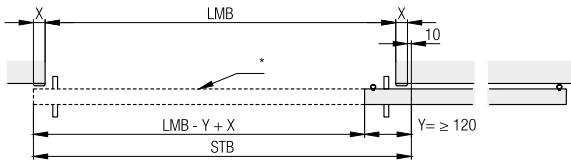
Fully opening

$$STB = LMB + X + 120$$



Partially opening

$$STB = LMB + (2 * X) + 10$$



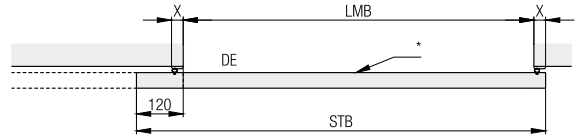
* Sealing Side

X = Frame dimension 30 - 60 (1 3/16" to 2 3/8")

Right type (right hand lock)

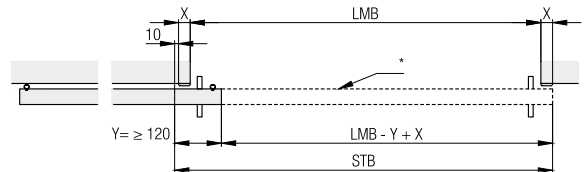
Fully opening

$$STB = LMB + X + 120$$



Partially opening

$$STB = LMB + (2 * X) + 10$$



Acoustics set determination

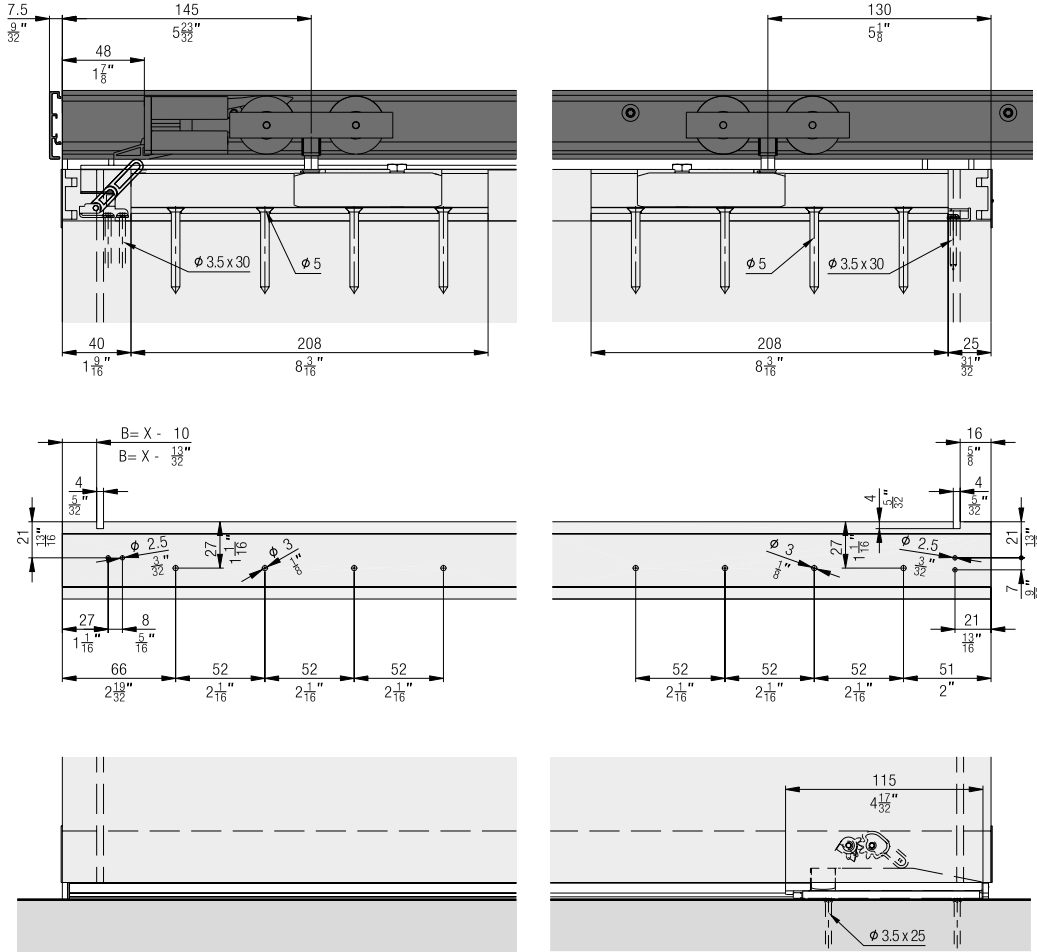
Fully opening	LMB				
	X	30	40	50	60
Hawa Acoustics XS		750 - 780	750 - 770	750 - 760	750
Hawa Acoustics S		780 - 900	770 - 890	760 - 880	750 - 870
Hawa Acoustics M		900 - 1030	890 - 1020	880 - 1010	870 - 1000
Hawa Acoustics L		1030 - 1150	1020 - 1140	1010 - 1130	1000 - 1120
Hawa Acoustics XL		1150 - 1280	1140 - 1270	1130 - 1260	1120 - 1250
Hawa Acoustics XXL		1280 - 1400	1270 - 1390	1260 - 1380	1250 - 1370
Hawa Acoustics XXXL		1400 - 1500	1390 - 1500	1380 - 1500	1370 - 1500

Partially opening	LMB				
	X	30	40	50	60
Hawa Acoustics XS		750 - 870	750 - 850	750 - 830	750 - 810
Hawa Acoustics S		870 - 990	850 - 970	830 - 950	810 - 930
Hawa Acoustics M		990 - 1120	970 - 1120	950 - 1080	930 - 1060
Hawa Acoustics L		1120 - 1240	1120 - 1220	1080 - 1200	1060 - 1180
Hawa Acoustics XL		1240 - 1370	1222 - 1350	1200 - 1330	1180 - 1310
Hawa Acoustics XXL		1370 - 1490	1350 - 1470	1330 - 1450	1310 - 1430
Hawa Acoustics XXXL		1490 - 1500	1470 - 1500	1450 - 1500	1430 - 1500

Fully opening	LMB				
	X	1 3/16"	1 9/16"	1 31/32"	2 3/8"
Hawa Acoustics XS		2' 5 17/32" - 2' 6 23/32"	2' 5 17/32" - 2' 6 5/16"	2' 5 17/32" - 2' 5 29/32"	2' 5 17/32"
Hawa Acoustics S		2' 6 23/32" - 2' 11 7/16"	2' 6 5/16" - 2' 11 1/32"	2' 5 29/32" - 2' 10 21/32"	2' 5 17/32" - 2' 10 1/4"
Hawa Acoustics M		2' 11 7/16" - 3' 4 9/16"	2' 11 1/32" - 3' 4 5/32"	2' 10 21/32" - 3' 3 3/4"	2' 10 1/4" - 3' 3 3/8"
Hawa Acoustics L		3' 4 9/16" - 3' 9 9/32"	3' 4 5/32" - 3' 8 7/8"	3' 3 3/4" - 3' 8 1/2"	3' 3 3/8" - 3' 8 3/32"
Hawa Acoustics XL		3' 9 9/32" - 4' 2 13/32"	3' 8 1/2" - 4' 2"	3' 8 1/2" - 4' 1 19/32"	3' 8 3/32" - 4' 1 7/32"
Hawa Acoustics XXL		4' 2 13/32" - 4' 7 7/8"	4' 2" - 4' 6 23/32"	4' 1 19/32" - 4' 6 11/16"	4' 1 7/32" - 4' 5 15/16"
Hawa Acoustics XXXL		4' 7 7/8" - 4' 11 1/16"	4' 6 23/32" - 4' 11 1/16"	4' 6 11/16" - 4' 11 1/16"	4' 5 15/16" - 4' 11 1/16"

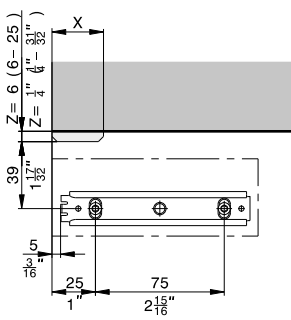
Partially opening	LMB				
	X	1 3/16"	1 9/16"	1 31/32"	2 3/8"
Hawa Acoustics XS		2' 5 17/32" - 2' 10 1/4"	2' 5 17/32" - 2' 9 15/32"	2' 5 17/32" - 2' 8 11/16"	2' 5 17/32" - 2' 7 7/8"
Hawa Acoustics S		2' 10 1/4" - 3' 2 31/32"	2' 9 15/32" - 3' 2 3/16"	2' 8 11/16" - 3' 1 13/32"	2' 7 7/8" - 2' 5 5/8"
Hawa Acoustics M		3' 2 31/32" - 3' 8 3/32"	3' 2 3/16" - 3' 7 5/16"	3' 1 13/32" - 3' 6 17/32"	3' 5/8" - 3' 5 23/32"
Hawa Acoustics L		3' 8 3/32" - 4' 1 13/16"	3' 7 5/16" - 4' 1 1/32"	3' 6 17/32" - 3' 11 1/4"	3' 5 23/32" - 3' 10 15/32"
Hawa Acoustics XL		4' 1 13/16" - 4' 5 15/16"	4' 1/32" - 4' 5 5/32"	3' 11 1/4" - 4' 7/32"	3' 10 15/32" - 4' 3 9/16"
Hawa Acoustics XXL		4' 5 15/16" - 4' 10 21/32"	4' 5 5/32" - 4' 9 7/8"	3' 6 17/32" - 3' 11 1/4"	4' 3 9/16" - 4' 8 5/16"
Hawa Acoustics XXXL		4' 10 21/32" - 4' 11 1/16"	4' 9 7/8" - 4' 11 1/16"	4' 9 3/32" - 4' 11 1/16"	4' 8 5/16" - 4' 11 1/16"

Partially opening view

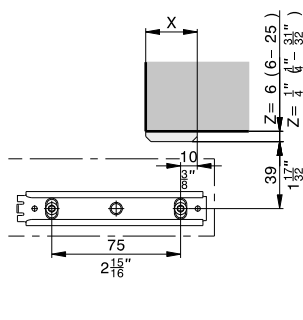


Bottom guide assembly detail

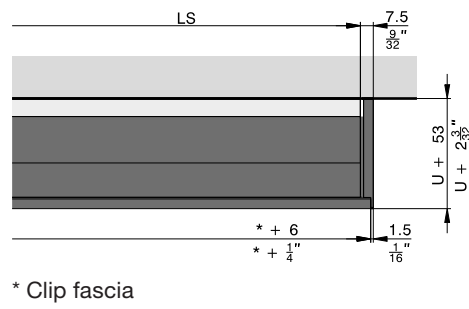
Fully opening



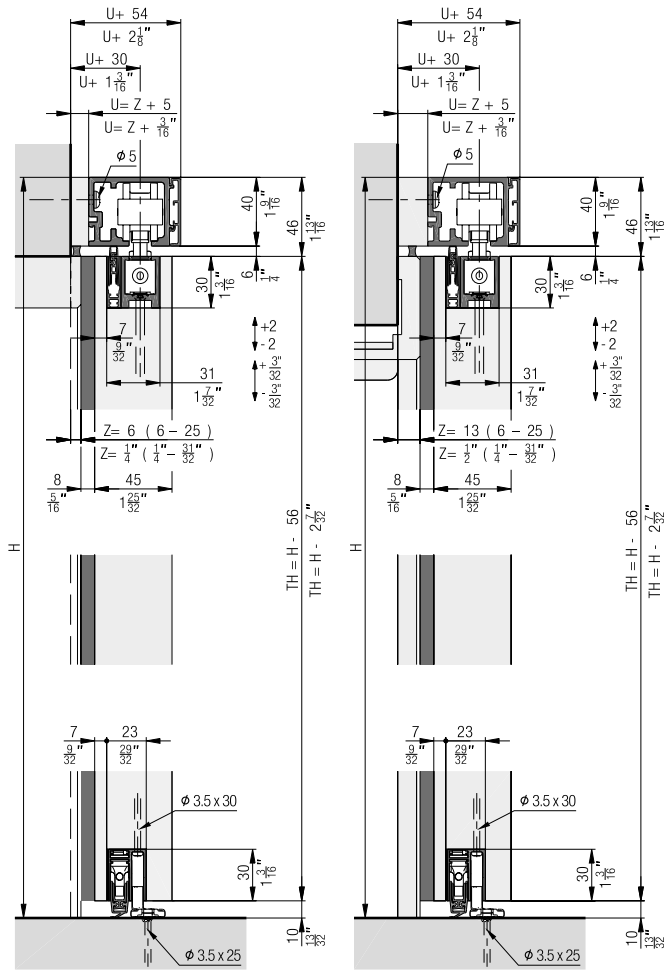
Partially opening



Calculations of clip-on panels

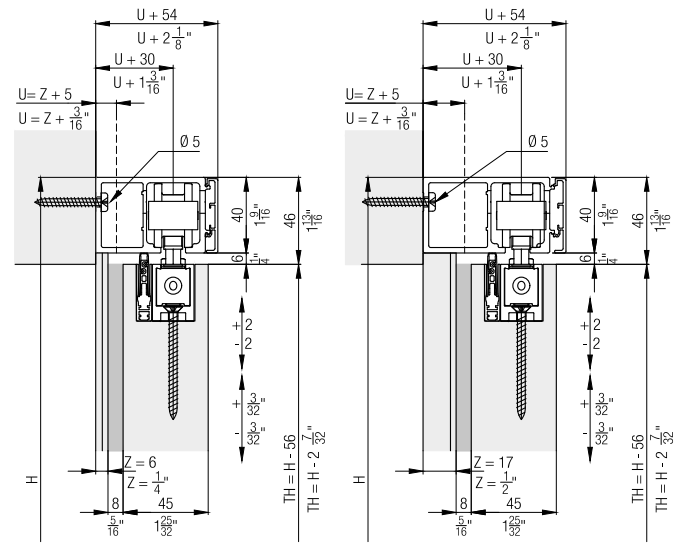


Block frame / closed frame details



Further installation examples

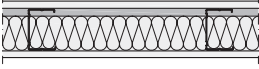
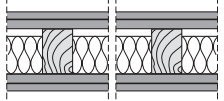
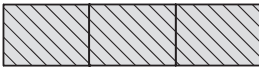
Wall mounting rails with extended spacing of +11 mm/+20 mm (7/16"/25/32") between door and wall.



Room-to-room sound attenuation

All reference values have been measured on the basis of a practical design. The R_w sound attenuation values specify the expected sound attenuation between the two rooms which are influenced by the wall, the system and the choice of door leaf.

Reference values tested with a lightweight construction wall in accordance with James Hardy (type 1 H 31 / R_w 52 dB), size 2.5 x 2.45 m in accordance with DIN EN ISO 10140-2. Clearance 2.0 x 1.0 m. The sound attenuation relates to the entire structure and specifies which sound attenuation can be expected between the two rooms.

Example walls	System	Thickness of door leaf	Type of door leaf	Estimated sound attenuation effect
				Room to room R_w
Wall with minimum acoustic rating of R_w 52 dB Lightweight construction wall with metal stand  Lightweight construction wall with wooden stand  Solid wall  Acoustic ratings for wall construction according to manufacturer. The acoustic values may vary if installed in different wall types.	without Hawa Acoustics	39 mm	Single door leaf without sealing system	≈ 18 dB
	Hawa Porta 60 HMD Acoustics Hawa Porta 100 HMD Acoustics		Single door leaf, approx. 19 kg/m ² acoustic rating of R_w 29 dB	≈ 31 dB
			Chipboard, approx. 25 kg/m ² No defined acoustic rating	≈ 30 dB
		Door leaf with medium sound attenuation level approx. 25 kg/m ² , acoustic rating of R_w 39 dB	≈ 34 dB	
	Hawa Junior 100 B Acoustics Hawa Porta 60 HMD Acoustics Hawa Porta 100 HMD Acoustics	44 mm	Single door leaf, approx. 20 kg/m ² acoustic rating of R_w 29 dB	≈ 30 dB
			Door leaf with medium sound attenuation level approx. 28 kg/m ² , acoustic rating of R_w 40 dB	≈ 34 dB
	Hawa Junior 100 B Acoustics	50 mm	Door leaf with high sound attenuation level approx. 33 kg/m ² , acoustic rating of R_w 42 dB	≈ 35 dB
	without Hawa Acoustics	39 mm	Single door leaf without sealing system	≈ 20 dB
			Single door leaf, approx. 19 kg/m ² , acoustic rating of R_w 29 dB	≈ 31 dB
			Door leaf with medium sound attenuation level approx. 25 kg/m ² , acoustic rating of R_w 39 dB	≈ 37 dB
Hawa Junior 100 B Pocket Acoustics Hawa Porta 60 HMT Pocket Acoustics Hawa Porta 100 HMT Pocket Acoustics		44 mm	Single door leaf, approx. 20 kg/m ² acoustic rating of R_w 29 dB	≈ 32 dB
			Door leaf with medium sound attenuation level approx. 28 kg/m ² , acoustic rating of R_w 40 dB	≈ 39 dB
Hawa Junior 100 B Pocket Acoustics		50 mm	Door leaf with high sound attenuation level approx. 33 kg/m ² , acoustic rating of R_w 42 dB	≈ 41 dB

Planning/execution

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