

Fitting for top-running wooden doors up to 100 kg (220 lbs.), with surface mounted running track or running track flush with the ceiling. Sound attenuation. Ceiling mounting. Wall pocket solution.

Product highlights



Outstanding living comfort thanks to effective exclusion of sound, drafts, odors and unwanted light incidence



Ceiling-integrated or surface-mounted pocket solutions possible



Door can be installed in pocket after construction is complete

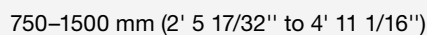
Technical specifications



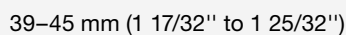
100 kg (220 lbs.)



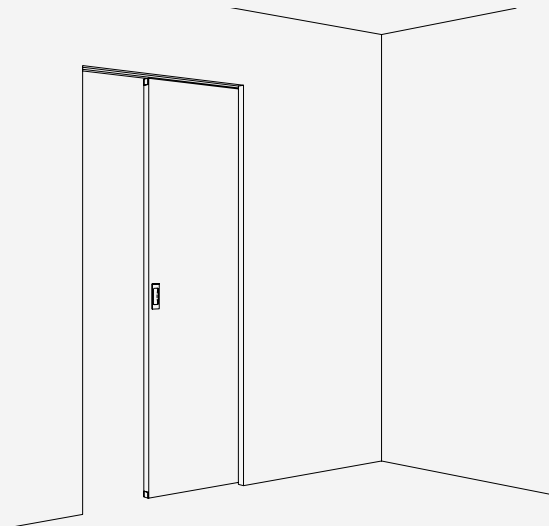
2500 mm (8' 2 7/16")



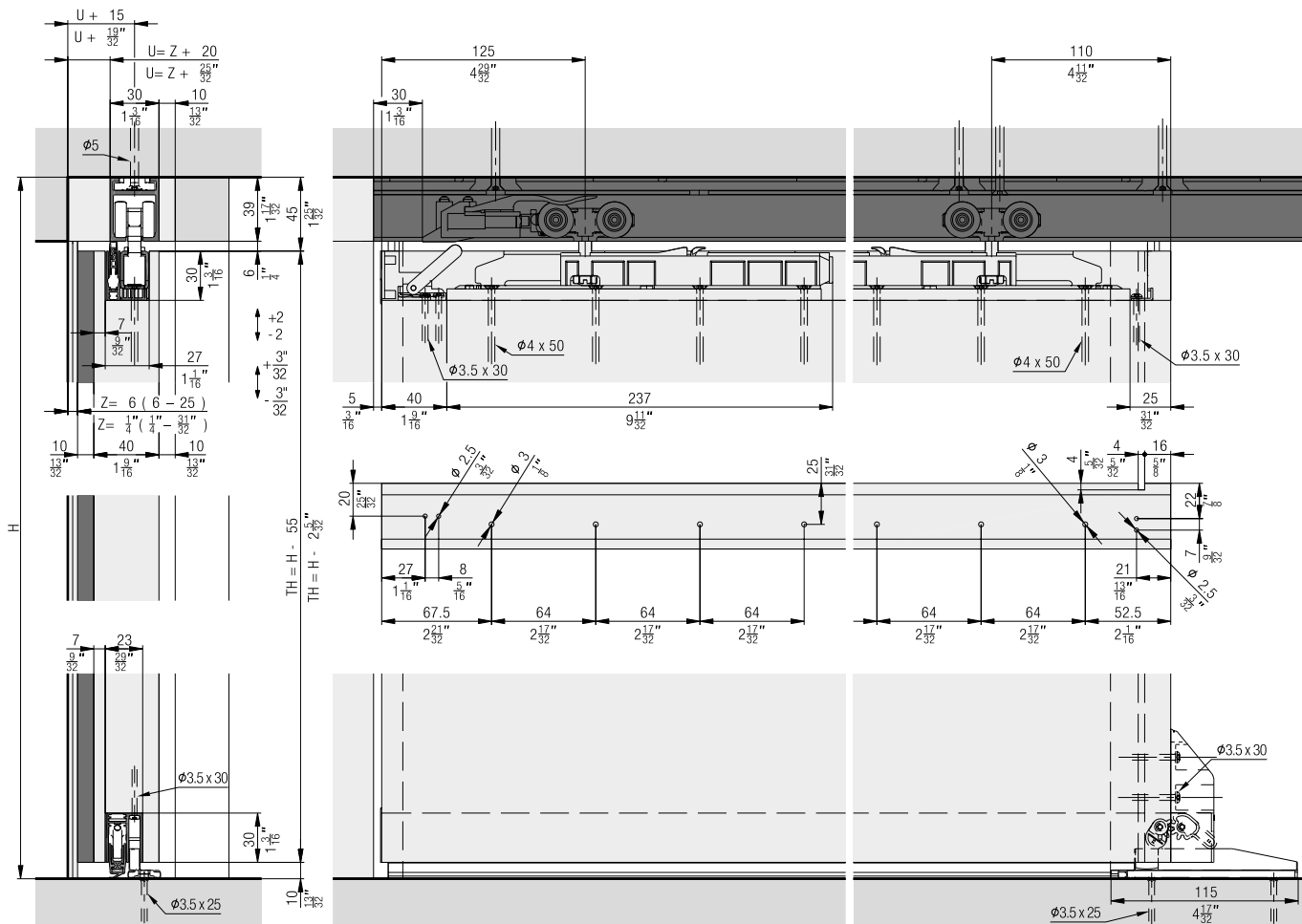
Inside clearance (LMB)



39–45 mm (1 17/32" to 1 25/32")




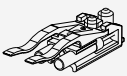
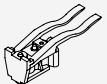





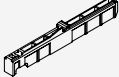

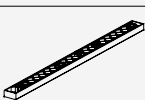
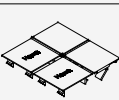

Installation examples



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

	No.
Hawa Porta 100 HMD/HMT Pocket Acoustics, for 1 door	30430




Set consisting of:

		30430	No.
	Running gear, ball bearing, rollers, plastic, white	2	057.3114.071
	SoftStop Hawa Porta Acoustics, with retention spring, plastic, gray	1	30472
	Stopper, with retention spring, plastic, gray	1	057.3073.072
	Adapter for running gear, for SoftStop, plastic, gray	1	30218
	Pan head screw, M3x8 mm (1/8"x5/16")	1	30359
	Hexagon head screw, M8x36 mm (5/16"x1 13/32"), steel, zinc-plated	1	042.0165.101
	Head cap screw, M8x35 mm (5/16"x1 3/8"), steel, zinc-plated	1	042.0175.001
	Cover cap, plastic, grey	1	600.0000.533
	Running gear holder, plastic, anthracite	2	042.0174.001
	Housing, steel, zinc-plated	2	042.0166.102
	Spacer, housing plastic anthracite	2	30361
	Cover cap set, plastic, plastic, anthracite, 4-piece set	1	30484
	Flat countersunk head chipboard screw, 4x50 mm (5/32"x1 31/32", steel, zinc-plated	8	30463

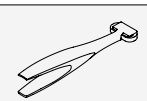
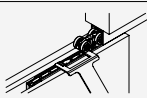
Accessories for set

	No.
 Spring loaded buffer Hawa Porta 60/100	27760

Running tracks

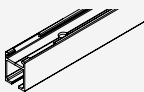




		mm (inch)	No.
	Running track, aluminum, pre-drilled	1,700 (5' 6 15/16")	057.3016.170
		2,000 (6' 6 3/4 ")	057.3016.200
		2,500 (8' 2 7/16")	057.3016.250
		6,000 (19' 8 7/32")	057.3016.600
		cut to size	057.3016.990
	Running track, aluminum, anodized, pre-drilled	2,000 (6' 6 3/4 ")	057.3016.201
		2,500 (8' 2 7/16")	057.3016.251
		6,000 (19' 8 7/32")	057.3016.601
		cut to size	057.3016.991
	Disposable cover to running track Hawa Divido 100 / Hawa Porta 45/60/100, plastic, black	2,000 (6' 6 3/4 ")	057.3098.001
		cut to size	057.3098.990

Components for running tracks

	No.
 Track cleaner, plastic, blue	057.3099.071
 Key for dismounting, steel, zinc-plated	042.3119.101

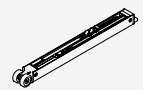
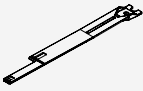

Assembly set

	No.
Assembly set Hawa Porta 60/100, 2000 mm (6' 6 3/4")	057.3179.200
Assembly set Hawa Porta 60/100, 2500 mm (8' 2 7/16")	057.3179.250
Assembly set Hawa Porta 60/100, 3000 mm (9' 10 1/8")	057.3179.300


		mm (inch)	057.3179.200	057.3179.250	057.3179.300	No.
Set consisting of:						
	Running track, aluminum, anodized, pre-drilled	2,000 (6' 6 3/4")	1			057.3174.200
	Assembly pin, plastic, gray		9	11	13	057.0201.001
	Countersunk head screw, 5x40 mm (3/16" x 1 9/16"), steel, zinc-plated		10	12	14	766.3054.140
	Running track, aluminum, anodized, pre-drilled	2,500 (8' 2 7/16")		1		057.3174.250
	Running track, aluminum, anodized, pre-drilled	3,000 (9' 10 1/8")			1	057.3174.300

**Push-to-open with self closing mechanism
(must only be used with Hawa Porta 100)**


	No.
Push-to-open Hawa Porta 100, 40–100 kg (88 to 220 lbs.), 1 piece	057.3178.071

		057.3178.071	No.
Set consisting of:			
	Push-to-open Hawa Porta 100, 40–100 kg (88 to 220 lbs.), with self-closing	1	057.3177.071
	Release piece for Push-to-open, zinc die casting	1	057.3176.001
	Screw set soft close	1	600.0000.566


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

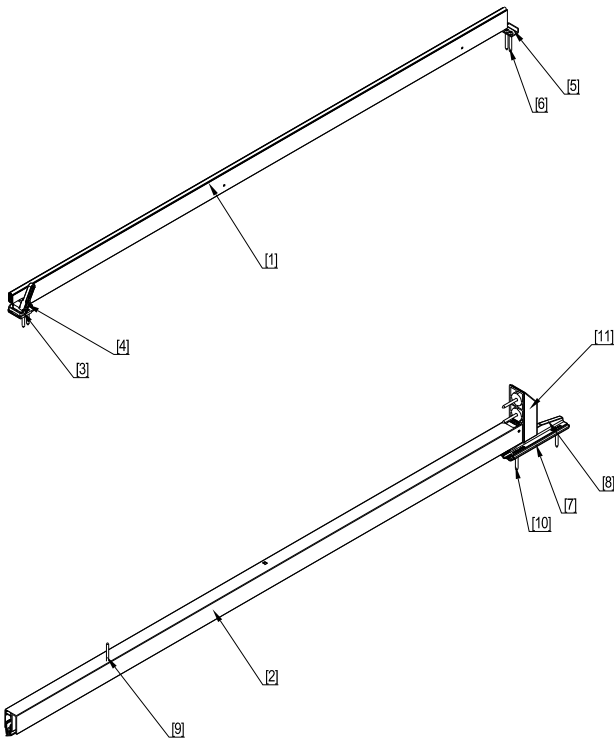
Sets right type (horizontal seal set)

	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:



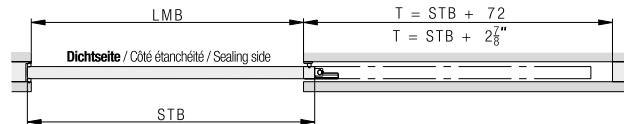
Position Position Position	Bezeichnung Désignation Designation	Anzahl Numéro Number	Typ Type Type		
1	Hubdichtung Joint de levage Header seal	1	Links/Rechts Gauche/Droite Left/Right		
			XS	30454	
			S	30385	
			M	30455	
			L	30456	
			XL	30457	
			XXL	31568	
			XXXL	31571	
2	Senkdichtung Joint d'abaissement Floor seal	1	Links Gauche Left		Rechts Droite 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, 6	Kleinteileset oben Kit pour petites pièces, supérieur Small parts set top	1	Links Gauche Left	30390	Rechts Droite Right 30392
7, 8, 9, 10	Kleinteileset unten Kit pour petites pièces, inférieur Small parts set bottom	1	Links Gauche Left	30416	Rechts Droite Right 30417
11	Pocketadapter Adaptateur pour caisson à galandage Pocket adapter	1	Links/Rechts Gauche/Droite Left/Right	30418	

Definition left, right / door width calculation

Left type (left hand lock)

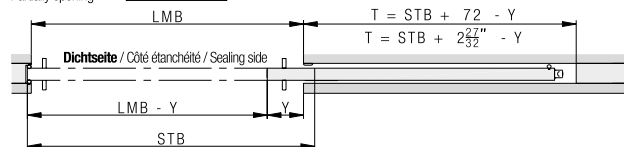
Ganzöffnend
Ouverture complète
Fully opening

$$\begin{aligned} \text{STB} &= \text{LMB} + 50 \\ \text{STB} &= \text{LMB} + 1\frac{31}{32} \end{aligned}$$



Teilöffnend
Ouverture partielle
Partially opening

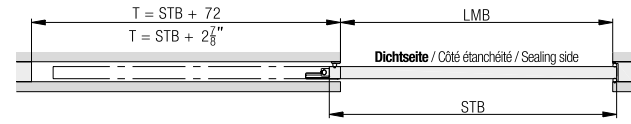
$$\begin{aligned} \text{STB} &= \text{LMB} + 50 \\ \text{STB} &= \text{LMB} + 1\frac{31}{32} \end{aligned}$$



Right type (right hand lock)

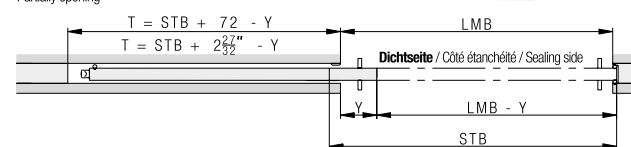
Ganzöffnend
Ouverture complète
Fully opening

$$\begin{aligned} \text{STB} &= \text{LMB} + 50 \\ \text{STB} &= \text{LMB} + 1\frac{31}{32} \end{aligned}$$



Teilöffnend
Ouverture partielle
Partially opening

$$\begin{aligned} \text{STB} &= \text{LMB} + 50 \\ \text{STB} &= \text{LMB} + 1\frac{31}{32} \end{aligned}$$

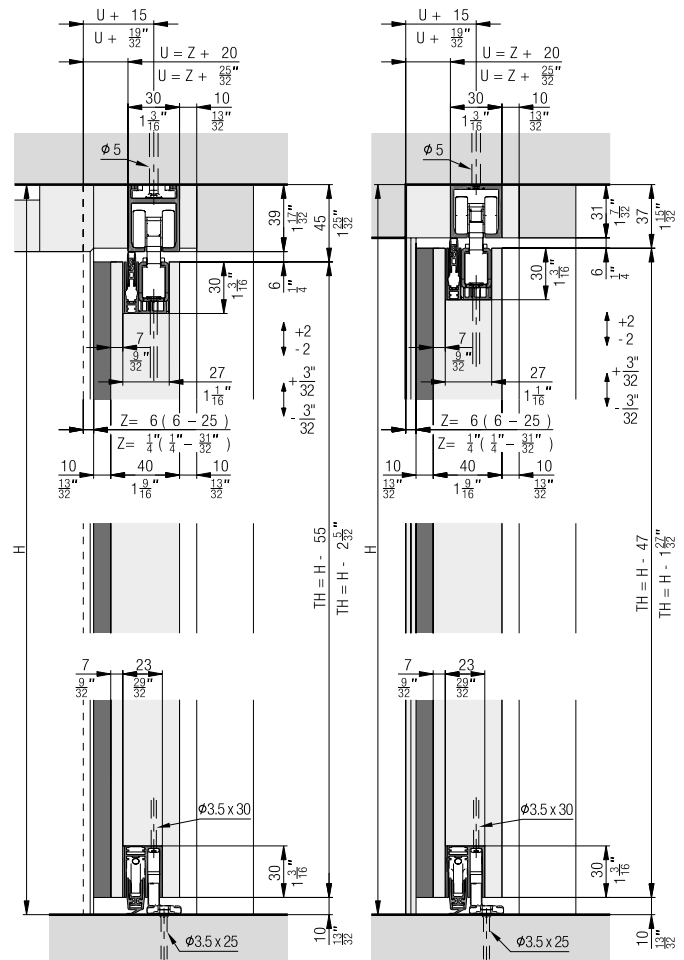


Acoustics set determination

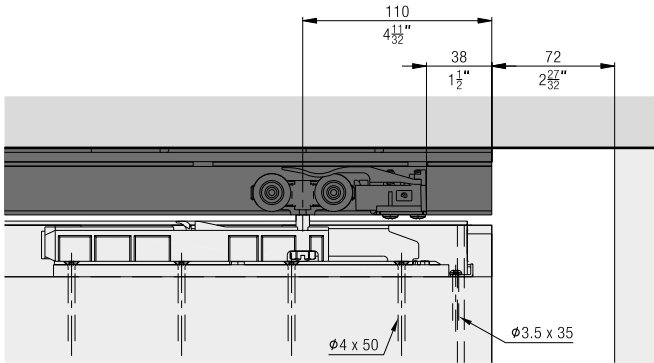
	LMB
Hawa Acoustics XS	750 - 850
Hawa Acoustics S	850 - 970
Hawa Acoustics M	970 - 1100
Hawa Acoustics L	1100 - 1220
Hawa Acoustics XL	1220 - 1350
Hawa Acoustics XXL	1350 - 1470
Hawa Acoustics XXXL	1470 - 1500

	LMB
Hawa Acoustics XS	2' 5 1/32\" - 2' 9 15/32\"
Hawa Acoustics S	2' 9 15/32\" - 3' 2 11/32\"
Hawa Acoustics M	3' 2 11/32\" - 3' 7 1/16\"
Hawa Acoustics L	3' 7 1/16\" - 4' 1 1/32\"
Hawa Acoustics XL	4' 1 1/32\" - 4' 5 13/32\"
Hawa Acoustics XXL	4' 5 13/32\" - 4' 9 7/8\"
Hawa Acoustics XXXL	4' 9 7/8\" - 4' 11 1/16\"

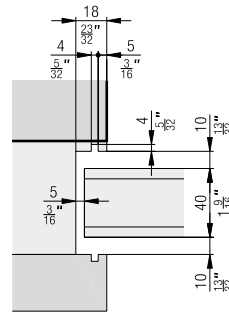
Further installation examples



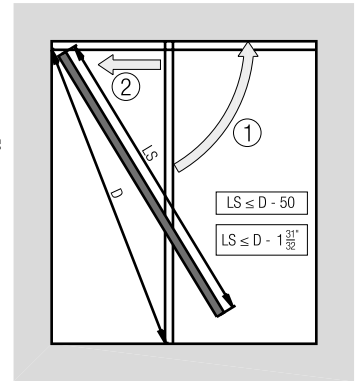
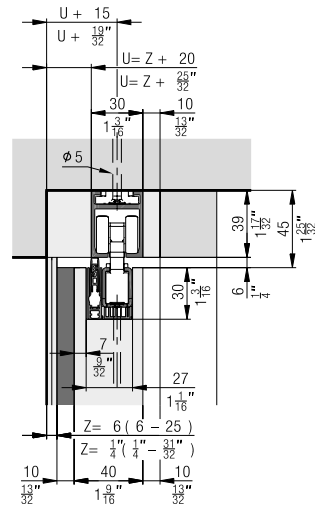
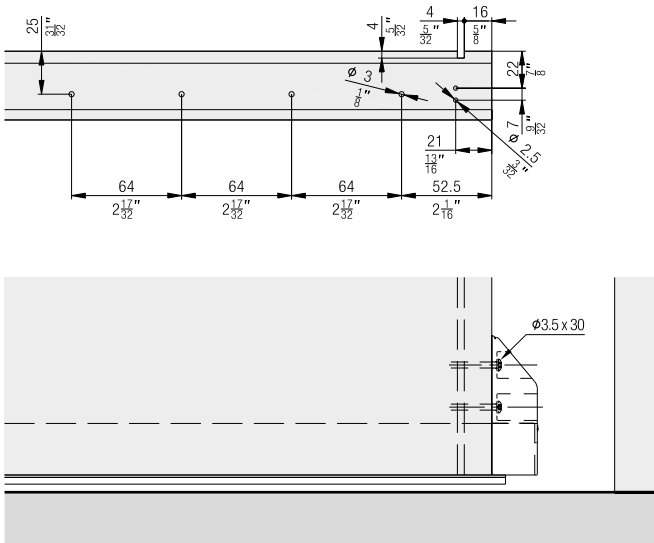
Pocket side view, assembly set



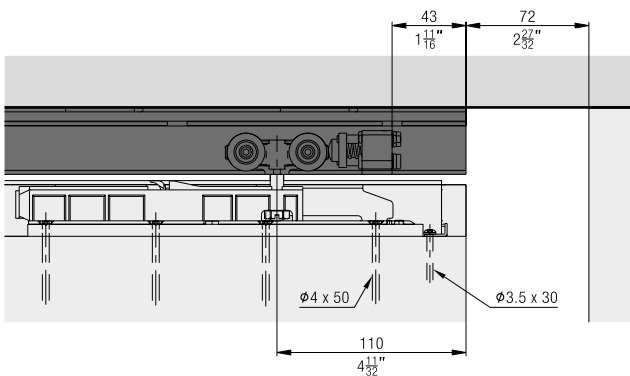
Details of end post at lock side



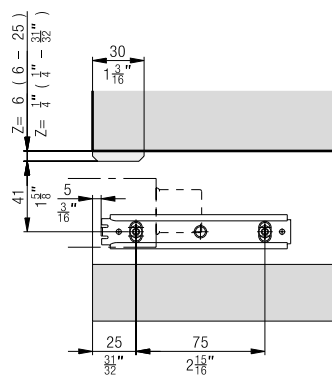
Assembly set/track installation Pocket



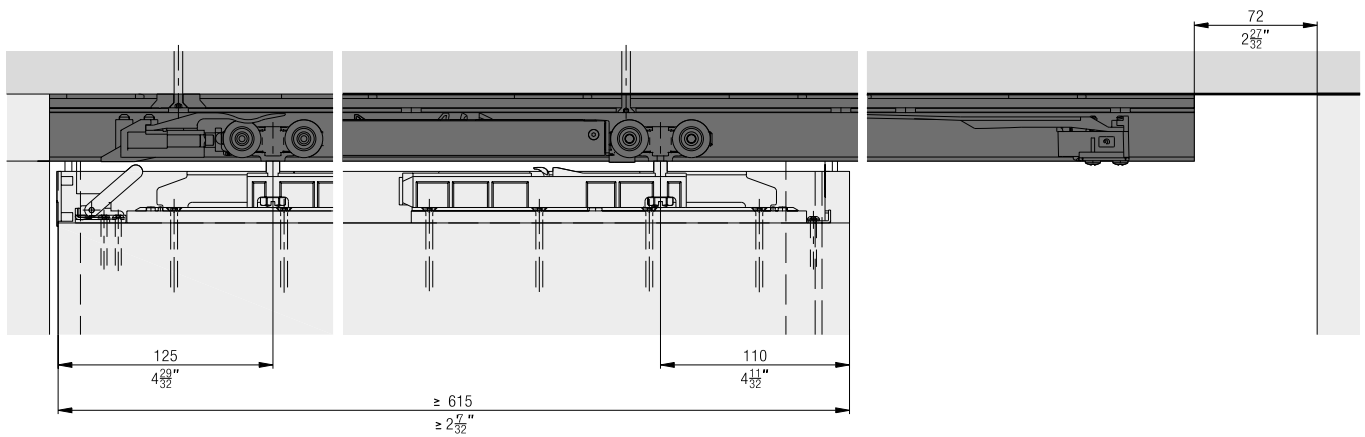
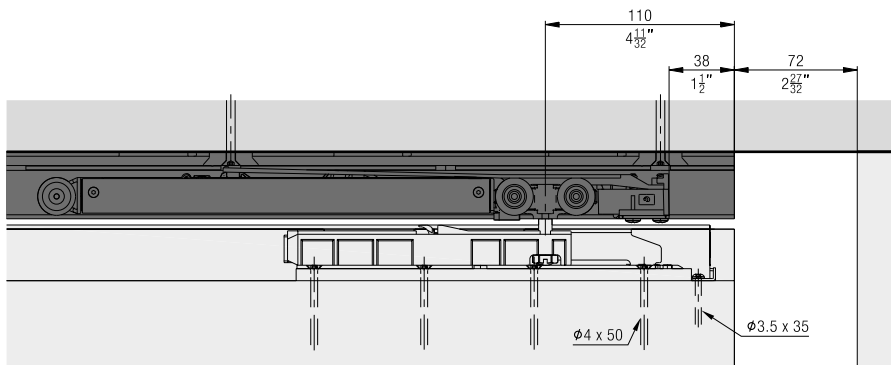
Spring stop



Bottom guide assembly detail



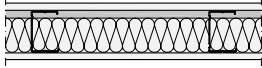
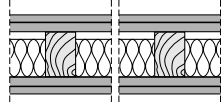

Push-to-open with self closing mechanism



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
				Rw
Wall with minimum acoustic rating of Rw 52 dB	without Hawa Acoustics	39 mm	Single door leaf without sealing system	≈ 18 dB
Lightweight construction wall with metal stand 	Hawa Porta 60 HMD Acoustics Hawa Porta 100 HMD Acoustics		Single door leaf, approx. 19 kg/m² acoustic rating of Rw 29 dB	≈ 31 dB
			Chipboard, approx. 25 kg/m² No defined acoustic rating	≈ 30 dB
			Door leaf with medium sound attenuation level approx. 25 kg/m², acoustic rating of Rw 39 dB	≈ 34 dB
Lightweight construction wall with wooden stand 	Hawa Junior 100 B Acoustics Hawa Porta 60 HMD Acoustics Hawa Porta 100 HMD Acoustics	44 mm	Single door leaf, approx. 20 kg/m² acoustic rating of Rw 29 dB	≈ 30 dB
		Door leaf with medium sound attenuation level approx. 28 kg/m², acoustic rating of Rw 40 dB	≈ 34 dB	
	Hawa Junior 100 B Acoustics	50 mm	Door leaf with high sound attenuation level approx. 33 kg/m², acoustic rating of Rw 42 dB	≈ 35 dB
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	≈ 20 dB
	Hawa Porta 60 HMT Pocket Acoustics Hawa Porta 100 HMT Pocket Acoustics		Single door leaf, approx. 19 kg/m², acoustic rating of Rw 29 dB	≈ 31 dB
			Door leaf with medium sound attenuation level approx. 25 kg/m², acoustic rating of Rw 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/m² acoustic rating of Rw 29 dB	≈ 32 dB
		Door leaf with medium sound attenuation level approx. 28 kg/m², acoustic rating of Rw 40 dB	≈ 39 dB	
	Hawa Junior 100 B Pocket Acoustics	50 mm	Door leaf with high sound attenuation level approx. 33 kg/m², acoustic rating of Rw 42 dB	≈ 41 dB

Planning/execution

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