Hawa Porta for wooden sliding doors Comfortable sliding can be so easy

Hawa Porta fitting systems provide functional, well thought-out and installation-friendly sliding solutions for many usage situations in any weight class. Regardless of whether it is integrated in the wall or ceiling, or as a pocket solution. The Hawa Porta is also a force to be reckoned with as far as wooden doors are concerned: Anyone who plans with it will appreciate the minimal installation dimensions of the running tracks and the modular system for variable applications in different weight classes, and even with different systems. Anyone who installs it will benefit from the efficient installation, continuous adjustments and economic storage. Any anyone who uses the fitting every day enjoys the good running characteristics, the comfort of its integrated soft closing system, the long service life and the elegant panelling.



Area of application

Expedient, flexible sliding solutions for high-quality interior design in private and public buildings, such as entrance doors to walk-in closets, as a large-area separating door between the dining and living area and as a door for any kind of room partitioning.

System advantages

${\longleftrightarrow}$	Flexibility	Versatile, rational combination options by means of multiple use of fittings
	Productivity	Efficient, easy installation and convenient adjustment Minimal amount of door processing required
Ŷ	Comfort	Running gears with ball bearings for high degree of operating convenience Soft closing mechanism integrated in running track
٢	Aesthetics	Elegant profiles, invisible technology and wide range of design versions for wall and ceiling mounting

Hawa Porta 100 HM

1<u>3</u>"

40

1<u>9</u>

33-13

Technical specifications

\triangle	Max.	40/45/60/ 100/300/600 kg
¢∏	Max.	6000 mm
$\leftarrow \rightarrow$	Max.	5000 mm
		18–100 mm

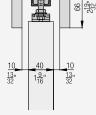
Good to know (accessories)

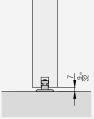
- Soft and self closing mechanism
- Addition for 2 synchronously running doors
- Sliding door with Hawa Porta Acoustics sound attenuation

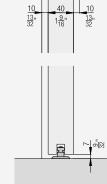
Installation examples



Hawa Porta 100 H







Hawa Porta 100 HC

60

28

H

3978

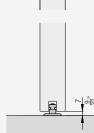


Product range Hawa Porta 45 H Hawa Porta 60 H Hawa Porta 300 H Hawa Porta 600 H

Hawa Porta 40 HC

Hawa Porta 60 HC

Hawa Porta 100 HC



Hawa Porta 60 HM

Hawa Porta 100 HM



Hawa Porta 60 HMD Hawa Porta 100 HMD

Hawa Porta 60 HMT Pocket Hawa Porta 100 HMT Pocket

Hawa Porta 100 HMT

 $1\frac{3}{16}$

H

40

 $1\frac{9}{16}$

<u>13</u> 32

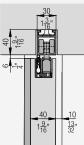
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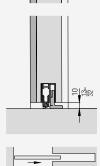
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10

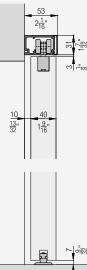
 $\frac{13}{32}$







Hawa Porta 60 HMD Acoustics Hawa Porta 100 HMD Acoustics Hawa Porta 60 HMT Pocket Acoustics Hawa Porta 100 HMT Pocket Acoustics



Hawa Porta 100 HMD

Fitting for top-running wooden doors up to 40 kg (88 lbs.), with surface mounted running track. Optionally with soft and self closing mechanism. Wall mounting.

Multi-faceted product range, same parts for

No door processing, continuous adjustment for

wooden and glass solutions

minimal production times

Ш. Т		 	
	1		

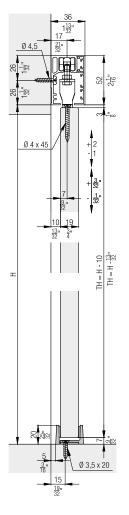
Technical specifications

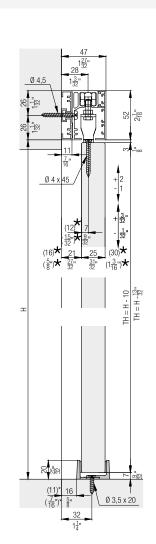
Product highlights

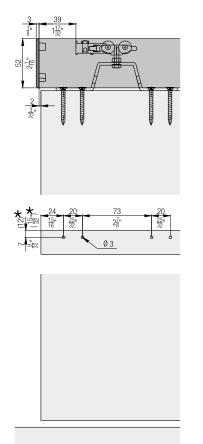
Productivity

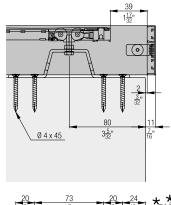
\triangle	Max.	40 kg (88 lbs.)
$\stackrel{\wedge}{\downarrow}$	Max.	2200 mm (7'2 5/8'')
$\stackrel{\leftarrow}{=}$	Max.	1000 mm (3'3 3/8'')
→[]←		18–30 mm (23/32" to 1 3/16")

Installation examples

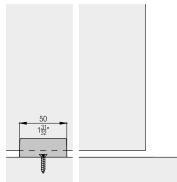












No.

Set for wall mounting, for 1 wooden door up to 40 kg (88 lbs.)

Set for wall mounting, for 1 wooden door up to 40 kg (88 lbs.)

Hawa Porta 40 I	Hawa Porta 40 H, for 1 door				
Set consisting	of:	057.3168.071	No.		
	Running gear, plain bearings, rollers, plastic, white	2	057.3149.071		
	Stopper, plastic, gray	2	057.3148.071		
	Hexagon screw, M5x18 mm (3/16"x23/32"), steel, zinc-plated	2	600.0000.646		
6)	Prevailing torque, M5, steel, zinc-plated	2	600.0000.459		
ed the	Support bracket, steel, zinc-plated	2	057.3165.101		
2 ¹ 2	Countersunk head screw, 4x45 mm (5/32"x1 25/32"), steel, zinc-plated	8	600.0000.727		
	Bottom guide, left, plastic, gray	1	057.3167.072		
	Bottom guide, right, plastic, gray	1	057.3167.071		
	Countersunk head screw, 3.5x20 mm (5/32"x25/32"), steel, zinc-plated	1	600.0000.728		

Hawa Porta 40 H, for 1 door, incl. soft close 057.3168.072 and tracks, L= 2000 mm (6' 6 3/4") 072 057.3168. No. mm Set consisting of: (inch) Soft close, up to 40 kg (88 lbs.), running gear 2 057.3182.071 premounted Stopper with release 2 057.3172.071 piece to soft close Hexagon screw, M5x18 mm (3/16"x23/32"), 2 600.0000.646 steel, zinc-plated Prevailing torque, M5, 2 600.0000.459 steel, zinc-plated Support bracket, 2 057.3165.101 steel, zinc-plated Countersunk head screw, 4x45 mm (5/32"x1 25/32"), 8 600.0000.727 steel, zinc-plated Bottom guide, left, 1 057.3167.072 plastic, gray Bottom guide, right, 057.3167.071 1 plastic, gray Countersunk head screw, 242 3.5x20 mm (5/32"x25/32"), 1 600.0000.728 steel, zinc-plated Cover cap, left, 053.3192.001 1 plastic, anthracite Cover cap, right, 053.3192.002 1 plastic, anthracite Track cleaner, plastic, red 1 040.3142.071 Running track, aluminum, 2,000 1 057.3146.200 anodized, (6' 6 3/4 '') pre-drilled Clip-on panel, 2,000 053.3195.200 aluminum, 1 (6' 6 3/4 '') anodized



Running tracks

		mm (inch)	No.
	Running track, aluminum, anodized,	6,000 (19' 8 7/32'')	057.3146.600
	pre-drilled	cut to size	057.3146.990
	Running track, aluminum, stainless steel look, pre-drilled	6,000 (19' 8 7/32'')	057.3146.602
		cut to size	057.3146.992

Panels

	mm (inch)	No.
Clip-on panel,	6,000 (19' 8 7/32'')	053.3195.600
aluminum, anodized	cut to size	053.3195.990
Clip-on panel,	6,000 (19' 8 7/32'')	053.3195.602
aluminum, stainless steel look	cut to size	053.3195.992

Spacer tracks

		mm (inch)	No.
	Spacer track, aluminum, anodized, pre-drilled	2,000 (6' 6 3/4 '')	057.3166.200
Ŧ		cut to size	057.3166.990

Panel end component set, 36 mm (1 13/32"), aluminum

				No.
Panel end comp aluminum, left	oonent set, 36 mm (1 13/32"),		057.3107.071
Panel end comp aluminum, right	oonent set, 36 mm (1 13/32"),		057.3107.072
1202012 Set consisting of:				No.
	Panel end component, left, aluminum, anodized	1		053.3195.901
lo lo	Bracker connector, steel, zinc-plated	1	1	057.3051.101
(0)	Screw, M4x2.6 mm (5/32"x 1/8"), steel, zinc-plated	2	2	011.0101.171
	Panel end component, left, aluminum, stainless steel look		1	053.3195.902

Panel end component set, 47 mm (1 27/32"), aluminum

				No.
Panel end comp aluminum, left	oonent set, 47 mm (1 27/32"),		057.3107.081
Panel end comp aluminum, right	oonent set, 47 mm (1 27/32"),		057.3107.082
Set consisting of:				No.
	Panel end component, 47 mm (1 27/32"), left, aluminum, anodized	1		057.3107.077
	Bracker connector, steel, zinc-plated	1	1	057.3051.101
0	Screw, M4x2.6 mm (5/32"x 1/8"), steel, zinc-plated	2	2	011.0101.171
	Panel end component, 47 mm (1 27/32"), right, aluminum, anodized		1	057.3107.079

Panel end component set, 36 mm (1 13/32"), stainless steel effect

	No.
Panel end component set, 36 mm (1 13/32"), stainless steel look, left	057.3107.075
Panel end component set, 36 mm (1 13/32"), stainless steel look, right	057.3107.076

Set consisting of:		057.3107.075	057.3107.076	No.
	Panel end component, left, aluminum, stainless steel look	1		053.3195.908
o do	Bracker connector, steel, zinc-plated	1	1	057.3051.101
6	Screw, M4x2.6 mm (5/32"x 1/8"), steel, zinc-plated	2	2	011.0101.171
	Panel end component, right, aluminum, stainless steel look		1	053.3195.909

Panel end component set, 36 mm (1 13/32"), plastic

				No.
End cap set, pla	stic, anthracite			053.3192.071
End cap set to s	pacer track 057.3166.200			057.3162.071
				No.
Set consisting	01.	053.3192.071	057.3162.071	
	Cover cap, left, plastic, anthracite	1		053.3192.001
L.	Cover cap, right, plastic, anthracite	1		053.3192.002
U	Cover cap to spacer track, plastic, anthracite		2	057.0187.001

Soft close

	No.
Soft close, up to 40 kg (88 lbs.)	057.3173.071
Soft close, up to 26 kg (57 lbs.)	057.3173.072
Soft close, up to 15 kg (33 lbs.)	057.3173.073

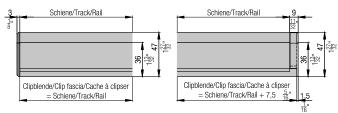
Set consisting	of:	057.3173.071	057.3173.072	057.3173.073	No.
	Soft close, up to 40 kg (88 lbs.)	2			057.3170.071
	Release piece soft close	2	2	2	057.0194.001
×12	Thread rolling rounded head screw, M2.5x5 mm (3/32"x3/16"), steel, zinc-plated	2	2	2	600.0000.764
	Soft close, up to 26 kg (57 lbs.)		2		057.3170.072
	Soft close, up to 15 kg (33 lbs.)			2	057.3170.073

Accessories

	No.
Track cleaner, plastic, red	040.3142.071



Calculations of panels



Soft close

		Z≥ 2				-	≥ 260 $\geq 10\frac{1}{d}$	
Hawa Porta 40 H	1' 4 <u>17</u> "	2' 0 <u>13</u> "					Z	
Hawa Porta 40 GE	1' 2 <u>13</u> "	1' 10 <u>11</u> "				-	£	
Hawa Clipo 26 H IS	1' 4 <u>17</u>	' 2' 0 <u>13</u> "						
Hawa Clipo 26 H MS	1' 6 <u>1</u> '	2' 1 <u>29</u> "			Z≥			
Hawa Clipo 36 H IS	1' 4 <u>17</u> '	2' 0 <u>13</u> "	4 <u></u> =10	-	2			
Hawa Clipo 36 H MS	1' 6 <u>1</u> '	2' 1 ²⁹ "	Hawa Porta 40 H	420	620			
Hawa Clipo 36 HM IS	1' 4 <u>17</u> "	2' 0 <u>13</u> "	Hawa Porta 40 GE Hawa Clipo 26 H IS	376 420	576 620			
Hawa Clipo 26 GR IS	1' 4 <u>17</u> '		Hawa Clipo 26 H MS	458	658			
Hawa Clipo 36 G IS	1' 4 <u>17</u>		Hawa Clipo 36 H IS Hawa Clipo 36 H MS	420	620 658			
Hawa Clipo 36 GPK IS	1' 4 ¹⁷	-	Hawa Clipo 36 HM IS Hawa Clipo 26 GR IS	420 420	620 620			
Hawa Clipo 36 GPPK IS	1' 4 ¹⁷		Hawa Clipo 36 G IS	420	620			
Hawa Regal C 26 HM IS	1' 4 ¹⁷		Hawa Clipo 36 GPK IS Hawa Clipo 36 GPPK IS	420	620 620			
Hawa Regal C 26 GR IS	1'3 ³ / ₄	1' 115"	Hawa Regal C 26 HM IS Hawa Regal C 26 GR IS	420 400	620 600			

		l
	≥ 460	
	$\geq 1' - 6\frac{1}{8}"$	
	Z	
-		-

Accessories

- Lock solutions from page 511

- General accessories from page 518

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

Fitting for top-running wooden doors up to 45 kg (99 lbs.), with surface mounted running track. Wall or ceiling mounting.

Wall and ceiling mounting to the same system

Easy processing for minimal production and

with accessories

installation times

Product highlights Flexibility

Productivity

Technical specifications Max. 45 kg (99 lbs.) ↓] Max. 2200 mm (7'2 5/8'') ← Max. 1000 mm (3'3 3/8'') ↓] ← 30-45 mm (1 3/16'' to 1 25/32'')	
Installation examples	$\begin{array}{c} & & & & & \\ & & & & \\ & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & & \\ & & & \\ & & & & \\ & & & \\ & & & \\ & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & &$
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Set for ceiling or wall mounting, for 1 wooden door up to 45 kg (99 lbs.)

Set for ceiling or wall mounting, for 1 wooden door up to 45 kg (99 lbs.)

	No.					
Hawa Porta 45	Hawa Porta 45 H, for 1 door					
Set consisting	of:	057.3045.071	No.			
ESTO	Runner, plain bearings, housing plastic gray rollers plastic blue	2	057.3044.071			
	Stopper, with retention spring, plastic, grey	1	057.3038.071			
6	Suspension bolt, M8x32 mm (5/16"x1 1/4"), steel, zinc-plated	2	057.0123.104			
8	Hexagon nut M8, steel, zinc-plated	4	767.0808.100			
	Support bracket, height and lateral adjustable, steel, zinc-plated	2	057.3129.101			
SI D	Pan head screw, 5x35 mm (3/16"x1 3/8"), steel, zinc-plated	8	766.6051.135			
	T-bottom-guide, adjustable, plastic, anthracite	1	057.3010.001			
٦ آ	Wall buffer, 19x10 mm (3/4"x13/32"), rubber, black	1	024.0002.046			
SI >>	Countersunk head screw, 4x20 mm (5/32"x25/32"), steel, zinc-plated	4	766.5042.120			

	No.				
Hawa Porta 45 I 2000 mm (6' 6 3	057.3144.071				
Set consisting	No.				
ESO	Runner, plain beari housing plastic gra plastic blue	0 /	2	057.3044.071	
		Stopper, with retention spring, plastic, grey			
0	Suspension bolt, M8x32 mm (5/16"x steel, zinc-plated	057.0123.104			
9	Hexagon nut M8, steel, zinc-plated	4	767.0808.100		
	Support bracket, h and lateral adjustal steel, zinc-plated	2	057.3129.101		
El >	Pan head screw, 5x35 mm (3/16"x1 steel, zinc-plated	8	766.6051.135		
	T-bottom-guide, adjustable, plastic, anthracite	1	057.3010.001		
Ì	Wall buffer, 19x10 ((3/4"x13/32"), rubb	024.0002.046			
El >	Countersunk head 4x20 mm (5/32"x25 steel, zinc-plated	766.5042.120			
<u>;</u>	Running track, aluminum, pre-drilled	2,000 (6' 6 3/4 '')	1	057.3037.200	

Running tracks

		mm (inch)	No.
÷		1,700 (5' 6 15/16'')	057.3037.170
	Running track, aluminum, pre-drilled	2,000 (6' 6 3/4 '')	057.3037.200
		2,500 (8' 2 7/16'')	057.3037.250
		6,000 (19' 8 7/32'')	057.3037.600
		cut to size	057.3037.990
	Disposable cover to running track Hawa	2,000 (6' 6 3/4 '')	057.3098.001
	Porta 45/60/100, plastic, black	cut to size	057.3098.990

Bracket set for wall mounting

			No.			
U U	Angle bracket for wall mounting, steel, zinc-plated, 10-piece set					
Set consisting	of:	057.3005.172	No.			
<u>i</u>	Wall mounting angle bracket, steel, zinc-plated	10	057.0169.101			
24 De	Countersunk head screw, M5x12 mm (3/16"x15/32"), steel, zinc-plated	10	762.5008.100			
909 909	Hexagon nut, M5, steel, zinc-plated	10	768.9025.100			

Bottom guide set for wall mounting

		No.
•••	T-floor-guide set, for wall mounting	057.3015.071

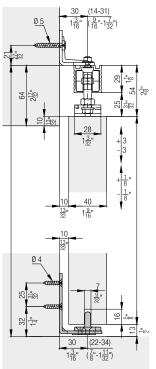
Accessories

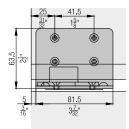
	No.
 Track cleaner, plastic, blue	057.3099.071

Accessories

- Lock solutions from page 511
- General accessories from page 518

Wall mounting





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

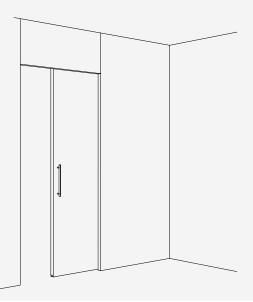
Fitting for top-running wooden doors up to 60 kg (132 lbs.), with surface mounted running track. Optionally with soft and self closing mechanism. Wall or ceiling mounting.

Pro	duct highlights	
$\langle \rangle$	Flexibility	Ceiling mounting with customer-provided panelling or integrated clip-on panel in aluminium or wood
	Productivity	Retrofitting of all components through the provided assembly opening, prevents contamination during construction work
٢	Aesthetics	Also available in black as a "Black Edition" design option for a particularly attractive appearance
Tec	hnical specificat	tions
\triangle	Max.	60 kg (132 lbs.)

2700 mm (8'10 5/16'')

30-80 mm (1 3/16" to 3 5/32")

1600 mm (5'3'')



Installation examples

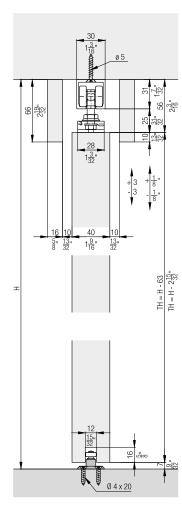
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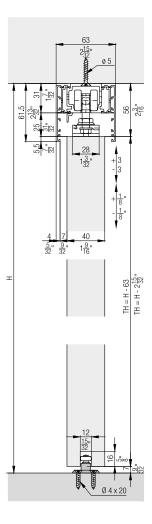
Max.

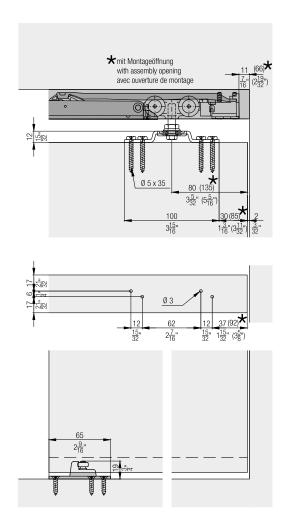
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Set for ceiling or wall mounting, for 1 wooden door up to 60 kg (132 lbs.)

Set for ceiling or wall mounting, for 1 wooden door up to 60 kg (132 lbs.)

				No.
Hawa Porta 60 H/HC, for 1 door		057.3138.071		
Hawa Porta 60	H/HC, black, for 1 door			057.3138.075
Set consisting of:		057.3138.071	057.3138.075	No.
ESTO	Running gear, plain bearings, rollers plastic blue	2	2	057.3115.071
a same	Stopper, with retention spring, plastic, gray	2		057.3073.072
Ø	Suspension bolt, M8x32 mm (5/16"x1 1/4"), steel, zinc-plated	2	2	057.0123.104
8	Hexagon locking nut, M8, steel, zinc-plated	2	2	768.9005.101
	Support bracket, height and lateral adjustable, steel, zinc-plated	2	2	057.3129.101
	Pan head screw, 5x35 mm (3/16"x1 3/8"), steel, zinc-plated	8	8	766.6051.135
	Bottom guide, with roller, adjustable, plastic, anthracite	1	1	057.3120.071
	Countersunk head screw, 4x20 mm (5/32"x25/32"), steel, zinc-plated	4		766.5042.120
Ser.	Stopper, with retention spring, plastic, black		2	057.3073.076
212	Countersunk head screw, 4x20 mm, steel, zinc-plated		4	600.0000.817

				No.
Hawa Porta 60 H, with running track, 2000 mm (6' 6 3/4''), aluminum, for 1 door			057.3140.071	
Set consisting	of:	mm (inch)	057.3140.071	No.
ESTO	Running gear, plain bearings, rollers plastic blue		2	057.3115.071
A Day	Stopper, with reten spring, plastic, gray		2	057.3073.072
0	Suspension bolt, M8x32 mm (5/16"x1 1/4"), 2 steel, zinc-plated		057.0123.104	
8	Hexagon locking n M8, steel, zinc-plat		2	768.9005.101
	Support bracket, height and lateral a able, steel, zinc-pla		2	057.3129.101
	Pan head screw, 5x35 mm (3/16"x1 steel, zinc-plated	5x35 mm (3/16"x1 3/8"), 8		
	Bottom guide, with roller, adjustable, 1 plastic, anthracite		057.3120.071	
	Countersunk head screw, 4x20 mm (5/32"x25/32"), steel, zinc-plated		766.5042.120	
· ·	Running track, aluminum, pre-drilled		057.3016.200	



Running tracks

		mm (inch)	No.
		1,700 (5' 6 15/16'')	057.3016.170
		2,000 (6' 6 3/4 '')	057.3016.200
	Running track, aluminum, pre-drilled	2,500 (8' 2 7/16'')	057.3016.250
		6,000 (19' 8 7/32'')	057.3016.600
		cut to size	057.3016.990
		2,000 (6' 6 3/4 '')	057.3016.201
~	Running track, aluminum, anodized,	2,500 (8' 2 7/16'')	057.3016.251
Q.	pre-drilled	6,000 (19' 8 7/32'')	057.3016.601
		cut to size	057.3016.991
	Running track, with assembly opening,	2,500 (8' 2 7/16'')	057.3016.256
	aluminum, anodized, pre-drilled	cut to size	057.3016.998
	Combi running track, aluminum, pre-drilled	1,700 (5' 6 15/16'')	057.3048.170
		2,000 (6' 6 3/4 '')	057.3048.200
		2,500 (8' 2 7/16'')	057.3048.250
		3,500 (11' 5 25/32'')	057.3048.350
A STATE		6,000 (19' 8 7/32'')	057.3048.600
		cut to size	057.3048.990
	Combi running track, aluminum, black	2,500 (8' 2 7/16'')	057.3048.255
	anodized, pre-drilled	3,500 (11' 5 25/32'')	057.3048.355
	Disposable cover to running track	2,000 (6' 6 3/4 '')	057.3098.001
	to running track Hawa Porta 45/60/100, plastic, black		057.3098.990

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

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-						,
Set consisting of:		mm (inch)	057.3179.200	057.3179.250	057.3179.300	No.
	Running track, aluminum, anodized, pre-drilled	2,000 (6' 6 3/4 '')	1			057.3174.200
	Assembly p plastic, gra		9	11	13	057.0201.001
2ls	Countersur screw, 5x40 (3/16"x1 9/ ⁻ steel, zinc-) mm 16"),	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

Panels

		mm (inch)	No.
	Clip-on panel, aluminum, anodized	2,500 (8' 2 7/16'')	042.3004.250
		3,500 (11' 5 25/32'')	042.3004.350
		6,000 (19' 8 7/32'')	042.3004.600
		cut to size	042.3004.990
	Clip-on panel, aluminum,	2,500 (8' 2 7/16'')	042.3004.255
	black anodized	3,500 (11' 5 25/32'')	042.3004.355

Clip-on components

		No.
	Clip component for wooden and aluminum panel, every 500 mm (1'7 11/16''), aluminium, pre-drilled	057.3117.001
Ę.	Clip component for wooden and aluminum panel, every 500 mm (1'7 11/16''), aluminum, black anodized, pre-drilled	057.3117.005

Soft close

For soft closing in opening and closing direction order 2 sets.

			No.
Soft close Hawa 10-60 kg (22-13	a Porta 60/100, Divido 100, 32 lbs.), 1 piece		042.3102.072
Set consisting	of:	042.3102.072	No.
A CONTRACTOR	Soft close, top running, 10–60 kg (22 to 132 lbs.), plastic	1	042.3106.072
	Trigger for soft close in buildings, zinc die casting	1	042.3105.001
24 S	Screw set soft close	1	600.0000.566

Cover for assembly opening

			No.
Cover cap to assembly opening, 1-piece set			042.3114.071
Set consisting of:		042.3114.071	No.
	Cover cap assembly opening, plastic, gray	1	042.0172.001
21s	Screw set soft close	1	600.0000.566

Bracket set for wall mounting

			No.
U U	Angle bracket for wall mounting, steel, zinc-plated, 10-piece set		
Set consisting	of:	057.3005.172	No.
	Wall mounting angle bracket, steel, zinc-plated	10	057.0169.101
2JS	Countersunk head screw, M5x12 mm (3/16"x15/32"), steel, zinc-plated	10	762.5008.100
9969 609	Hexagon nut, M5, steel, zinc-plated	10	768.9025.100

Bottom guide set for wall mounting

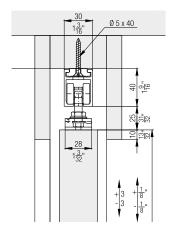
	No.	
Set bottom guide for wall mounting, with roller	057.3128.171	

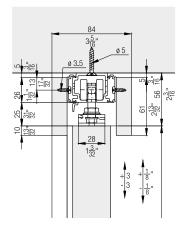
Accessories

		No.
· \$	Routing jig for assembly opening	042.3118.071
	Groove cutter to routing jig, Ø= 10 mm (13/32"), hard metal	600.0000.309
en e	Track cleaner, plastic, blue	057.3099.071

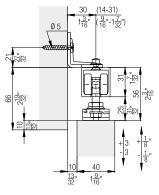


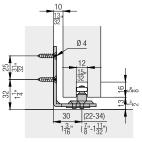
Assembly set/Wooden panel

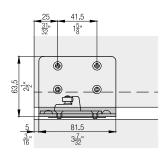




Optional: Wall mounting







Soft close

)	0					
			Z	-						≥ 3				
		1			2					≥1				
*	0	1	2	0	1	2	-					<u>≥ 535</u> : 1'-9 <u>1</u> 6"		
Hawa Porta 60/100 H/HC	1' 6 <u>29</u> "	1'9 <u>1</u> "	1' 11 <u>1</u> "	2' 4 <u>3</u> "	2' 6 <u>29</u> "	2' 9 <u>3</u> "				7	=	10	ا بيمام ا	
Hawa Porta 60/100 HM/HMD/HMT	1' 6 <u>29</u> "	1'9 <u>1</u> "	1' 11 <u>1</u> "	2' 4 <u>3</u> "	2' 6 <u>29</u> "	2' 9 <u>3</u> "			1			2		y opening
Hawa Porta 100 G/GU/GM/GMT	1' 6 <u>29</u> "	1'9 <u>1</u> "	1' 11 <u>1</u> "	2' 4 <u>3</u> "	2' 6 <u>29</u> "	2' 9 <u>3</u> "	*	0	1	2	0	1 2	ouvertur	e de montage
Hawa Porta 100 GF	1' 6 <u>29</u> "	\ge	\boxtimes	2' 4 <u>3</u> "	\boxtimes	\boxtimes	Hawa Porta 60/100 H/HC Hawa Porta 60/100 HM/HMD/HMT	480 480	535 535	590 590	730 7 730 7	35 840 35 840	│ •	$\frac{62}{2\frac{7}{16}}$
Hawa Porta 100 GW/GWF	1' 8 <u>5</u> "	1'9 <u>11</u> "	1' 11 <u>1</u> "	2' 6"	2' 6 <u>29</u> "	2' 7 <u>3</u> "	Hawa Porta 100 G/GU/GM/GMT	480	535	590	730 7	_	02	
Hawa Porta 100 GMD	1' 7 <u>7</u> "	1'9 <u>7</u> "	1' 11 <u>1</u> "	2' 5 <u>1</u> "	2' 7 <u>1</u> "	2' 7 <u>3</u> "	Hawa Porta 100 GF Hawa Porta 100 GW/GWF	480 512	542	590	730 >	32 840		33
Hawa Divido 100 H/HM/GR	1' 6 <u>29</u> "	1'9 <u>1</u> "	1' 11 <u>1</u> "	2' 4 <u>3</u> "	2' 6 <u>29</u> "	2' 9 <u>3</u> "	Hawa Porta 100 GMD	488	539	590		39 840	\$2/~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	32 "
Hawa Divido 100 GRM	1' 8 <u>5</u> "	1' 10 <u>11</u> "	1'0 <u>1</u> "	2' 6"		2' 10 <u>11</u> "	Hawa Divido 100 H/HM/GR Hawa Divido 100 GRM	480 512	535 567	590 622	730 73 762 8			1 <u>1</u> "
Beidseitig gedämpfte Ausführungen ohne stim- seitigen Zugang erfordem zwei Montageöffnungen. ≥ 570														
Versions with soft closing mechanism at both sides without access from the leading edge $Z = 2 840$														
require two assembly openings. Les versions avec amortissement bilatéral sans $Z = 2 \cdot 3 \cdot 3 \cdot 1 = 2 \cdot 3 \cdot 3 \cdot 3 \cdot 1 = 2 \cdot 3 \cdot$														

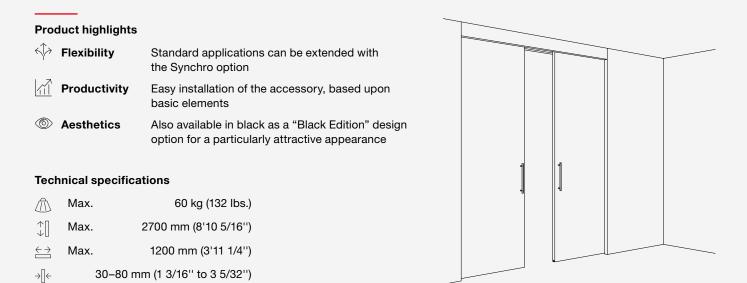
Accessories

- Lock solutions from page 511

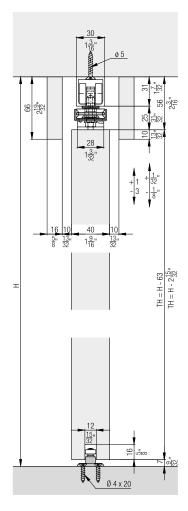
- General accessories from page 518

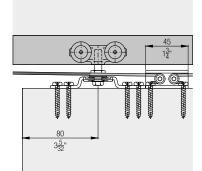
Planning/execution Further information about the product can be found on www.hawa.com.

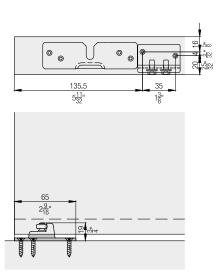
Fitting for 2 synchronously opening wooden doors up to 60 kg (132 lbs.), with surface mounted running track. Wall or ceiling mounting.

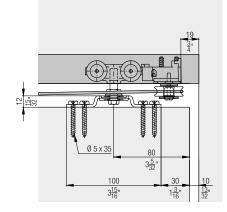


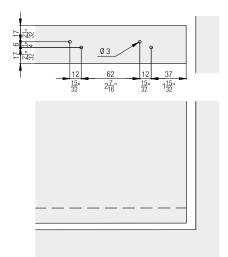
Installation examples











Set for ceiling or wall mounting, for 1 wooden door up to 60 kg (132 lbs.)

Synchro set

	No.			
Hawa Porta 60	057.3138.071			
Hawa Porta 60	057.3138.075			
Set consisting	of:	057.3138.071	057.3138.075	No.
ESTO	Running gear, plain bearings, rollers plastic blue	2	2	057.3115.071
Ser.	Stopper, with retention spring, plastic, gray	2		057.3073.072
6	Suspension bolt, M8x32 mm (5/16"x1 1/4"), steel, zinc-plated	2	2	057.0123.104
8	Hexagon locking nut, M8, steel, zinc-plated	2	2	768.9005.101
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Support bracket, height and lateral adjustable, steel, zinc-plated	2	2	057.3129.101
	Pan head screw, 5x35 mm (3/16"x1 3/8"), steel, zinc-plated	8	8	766.6051.135
	Bottom guide, with roller, adjustable, plastic, anthracite	1	1	057.3120.071
212	Countersunk head screw, 4x20 mm (5/32"x25/32"), steel, zinc-plated	4		766.5042.120
Contraction of the second	Stopper, with retention spring, plastic, black		2	057.3073.076
212	Countersunk head screw, 4x20 mm, steel, zinc-plated		4	600.0000.817

			No.
Hawa Porta 60/ Synchro, for 2 d	042.3027.072		
Set consisting	of:	042.3027.072	No.
٢	Deviating roller, ball bearing	2	055.0101.001
	Cable safety, steel, zinc-plated	2	056.0124.101
0000	Clamp piece, steel, zinc-plated	2	057.0113.101
	Kevlar cable, D= 2.5 mm (3/32")	1	752.0059.104
	Flat washer, M5, 5.3/15/2 mm (3/16"/19/32"/3/32"), steel, zinc-plated	2	600.0000.681
	Rounded head screw, 5x25 mm (3/16"x31/32"), steel, zinc-plated	2	762.9455.000
LIS.	Head cap screw, with flange, M5x10 mm (3/16"x13/32"), steel, zinc-plated	4	762.9365.000
SIS.	Pan head screw, 5x35 mm (3/16"x1 3/8"), steel, zinc-plated	4	766.6051.135

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## **Running tracks**

		mm (inch)	No.
		1700 (5' 6 15/16'')	057.3016.170
	D	2000 (6' 6 3/4 '')	057.3016.200
	Running track, aluminum, pre-drilled	2500 (8' 2 7/16'')	057.3016.250
¥		6000 (19' 8 7/32'')	057.3016.600
		cut to size	057.3016.990
		2000 (6' 6 3/4 '')	057.3016.201
<u>``</u>	Running track, aluminum,	2500 (8' 2 7/16'')	057.3016.251
J.	anodized, pre-drilled	6000 (19' 8 7/32'')	057.3016.601
		cut to size	057.3016.991
	Running track, with assembly opening, aluminum, anodized, pre-drilled	2500 (8' 2 7/16'')	057.3016.256
	Running track, aluminum, anodized, pre-drilled, with assembly opening	cut to size	057.3016.998
		1700 (5' 6 15/16'')	057.3048.170
		2000 (6' 6 3/4 '')	057.3048.200
	Combi running track,	2500 (8' 2 7/16'')	057.3048.250
	aluminum, pre-drilled	3500 (11' 5 25/32'')	057.3048.350
Q.		6000 (19' 8 7/32'')	057.3048.600
		cut to size	057.3048.990
	Combi running track, aluminum,	2500 (8'2 7/16'')	057.3048.255
	black anodized, pre-drilled	3500 (11'5 25/32'')	057.3048.355
	Disposable cover to running track Hawa	2000 (6'6 3/4'')	057.3098.001
	Porta 45/60/100, plastic, black	cut to size	057.3098.990

## 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

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Set consisting	of:	mm (inch)	057.3179.200	057.3179.250	057.3179.300	No.
	Running track, aluminum, anodized, pre-drilled	2,000 (6' 6 3/4 '')	1			057.3174.200
	Assembly p plastic, gray		9	11	13	057.0201.001
SI >>	Countersunk head screw, 5x40 mm (3/16"x1 9/16"), steel, zinc-plated			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

## Panels

		mm (inch)	No.
		2,500 (8' 2 7/16'')	042.3004.250
	Clip-on panel, aluminum, anodized	<b>3,500</b> (11' 5 25/32'')	042.3004.350
		6,000 (19' 8 7/32'')	042.3004.600
		cut to size	042.3004.990
	Clip-on panel,	2,500 (8' 2 7/16'')	042.3004.255
	aluminum, black anodized	<b>3,500</b> (11' 5 25/32'')	042.3004.355



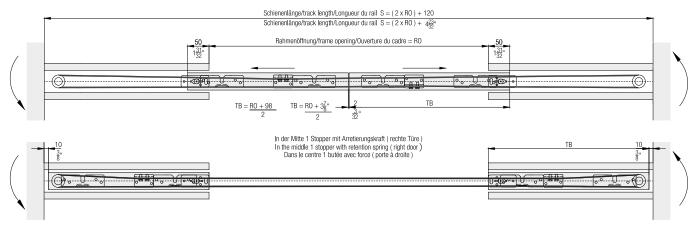
#### **Clip-on components**

		No.
	Clip component for wooden and aluminum panel, every 500 mm (1'7 11/16''), aluminium, pre-drilled	057.3117.001
Ę.	Clip component for wooden and aluminum panel, every 500 mm (1'7 11/16''), aluminum, black anodized, pre-drilled	057.3117.005

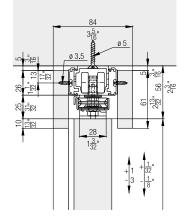
#### Accessories

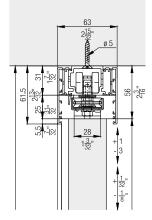
	No.
 Track cleaner, plastic, blue	057.3099.071

## Calculations



## Wooden/aluminum panel



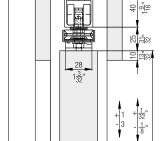


## Accessories

- Lock solutions from page 511
- General accessories from page 518

30 0 5 x 40 116 0 5 x 40

Assembly set



**Planning/execution** Further information about the product can be found on www.hawa.com.

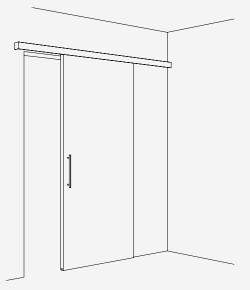
# Fitting for top-running wooden doors up to 60 kg (132 lbs.), with surface mounted running track. Optionally with soft and self closing mechanism. Wall mounting.

## Product highlights

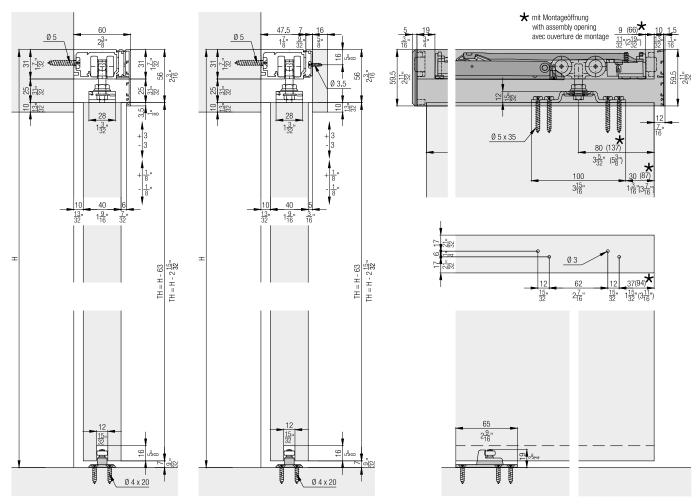
$\langle \rangle$	Flexibility	Wall mounting with integrated clip-on panelling in wood or aluminium with stylish end pieces
	Productivity	Retrofitting of all components through the provided assembly opening, prevents contamination during construction
٢	Aesthetics	Also available in black as a "Black Edition" design option for a particularly attractive appearance

## **Technical specifications**

$\triangle$	Max.	60 kg (132 lbs.)
$\stackrel{\wedge}{\downarrow}$	Max.	2700 mm (8' 10 5/16'')
$\stackrel{\leftarrow}{=}$	Max.	1600 mm (5' 3'')
$\rightarrow \left[ \left] \leftarrow \right.$		30-45 mm (1 3/16" to 1 25/32")



## Installation examples





## Set for wall mounting,

## for 1 wooden door up to 60 kg (132 lbs.)

## Set for wall mounting, for 1 wooden door up to 60 kg (132 lbs.)

				No.
Hawa Porta 60 H/HC, for 1 door			057.3138.071	
lawa Porta 60 I	H/HC, black, for 1 door			057.3138.075
et consisting	of:	057.3138.071	057.3138.075	No.
CSTO	Running gear, plain bearings, rollers, plastic, blue	2	2	057.3115.071
	Stopper, with retention spring, plastic, gray	2		057.3073.072
6	Suspension bolt, M8x32 mm (5/16"x1 1/4"), steel, zinc-plated	2	2	057.0123.104
8	Hexagon locking nut, M8, steel, zinc-plated	2	2	768.9005.101
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Support bracket, height and lateral adjustable, steel, zinc-plated	2	2	057.3129.101
	Pan head screw, 5x35 mm (3/16"x1 3/8"), steel, zinc-plated	8	8	766.6051.135
C Solo	Bottom guide, with roller, adjustable, plastic, anthracite	1	1	057.3120.071
212	Countersunk head screw, 4x20 mm (5/32"x25/32"), steel, zinc-plated	4		766.5042.120
550	Stopper, with retention spring, plastic, black		2	057.3073.076
Al D	Countersunk head screw, 4x20 mm (5/32"x25/32"), steel, zinc-plated		4	600.0000.817

				No.
Hawa Porta 60 I (6' 6 3/4''), alum	057.3142.071			
Set consisting	mm (inch)	057.3142.071	No.	
ESTO	Running gear, plain bearings, rollers, plastic, blue	9	2	057.3115.071
and the second s	Stopper, with reten spring, plastic, gray		2	057.3073.072
0	Suspension bolt, M8x32 mm (5/16"x steel, zinc-plated	1 1/4"),	2	057.0123.104
8	Hexagon locking n M8, steel, zinc-plat		2	768.9005.101
· · · · ·	Support bracket, height and lateral adjustable, steel, zinc-plated		2	057.3129.101
2IS	Pan head screw, 5x35 mm (3/16"x1 3/8"), steel, zinc-plated		8	766.6051.135
C C C C C C C C C C C C C C C C C C C	Bottom guide, with roller, adjustable, plastic, anthracite		1	057.3120.071
	Fixation clip for wo aluminum panel, 2-		1	057.3126.071
	Clip component for wooden and aluminum panel, every 500 mm (1' 7 11/16"), aluminum, pre-drilled		5	057.3117.001
SIS.	Countersunk head screw, 4x20 mm (5/32"x25/32"), steel, zinc-plated		4	766.5042.120
	Single running track, aluminum, anodized, pre-drilled	2,000 (6' 6 3/4 '')	1	057.3112.199

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Running tracks

		mm (inch)	No.
		2,500 (8' 2 7/16'')	057.3112.250
	Running track,	3,500 (11' 5 25/32'')	057.3112.350
	aluminum, anodized, pre-drilled	6,000 (19' 8 7/32'')	057.3112.600
		cut to size	057.3112.990
	Running track, aluminum, black anodized, pre-drilled	2,500 (8' 2 7/16'')	057.3112.255
		3,500 (11' 5 25/32'')	057.3112.355
1 111.	Running track, extended spacing of +9 mm (11/32") between door and wall, aluminum, anodized, pre-drilled	2,500 (8' 2 7/16'')	30617
		6,000 (19' 8 7/32'')	30618
**		cut to size	30668
1 11.	Running track, extended spacing	2,500 (8' 2 7/16'')	30619
	of +20 mm (25/32'') between door and	6,000 (19' 8 7/32'')	30620
**	wall, aluminum, anodized, pre-drilled	cut to size	30669

Fixing clamp for the end pieces of wooden or aluminum panels

			No.
Fixation clip for 2-piece set	wooden and aluminum panel,		057.3126.071
Set consisting	of:	057.3126.071	No.
A	Fixation clip for wooden and aluminum panel, steel, zinc-plated	2	057.3126.101

Panel end component set, 59 mm (2 5/16"), aluminum, for running track 057.3112.xxx

	No.	
Panel end component set, with fixation clip, 59x60 mm (2 5/16x2 3/8"), aluminum, black anodized	042.3028.056	
Panel end component set, with fixation clip, 59x60 mm (2 5/16x2 3/8''), aluminum, anodized	042.3028.076	

Set consisting	of:	042.3028.056	042.3028.076	No.
	Panel end component, 59 mm (2 5/16"), aluminum, black anodized	1		042.3028.956
0	Bracker connector, steel, zinc-plated	2	2	057.3051.101
L.	Fixation clip for wooden and aluminum panel, steel, zinc-plated	1	1	057.3126.101
٢	Screw, M4x2.6 mm (5/32"x 1/8"), steel, zinc-plated	4	4	011.0101.171
	Panel end component, 59 mm (2 5/16"), aluminum, anodized		1	042.3028.906

Panels

		mm (inch)	No.
		2,500 (8' 2 7/16'')	042.3004.250
	Clip-on panel,	3,500 (11' 5 25/32'')	042.3004.350
	aluminum, anodized Clip-on panel, aluminum, black anodized	6,000 (19' 8 7/32'')	042.3004.600
		cut to size	042.3004.990
		2,500 (8' 2 7/16'')	042.3004.255
		3,500 (11' 5 25/32'')	042.3004.355

Clip-on components

		No.
	Clip component for wooden and aluminum panel, every 500 mm (1' 7 11/16''), aluminum, pre-drilled	057.3117.001
Ţ.	Clip component for wooden and aluminum panel, every 500 mm (1' 7 11/16''), aluminum, black anodized, pre-drilled	057.3117.005



Panel end component set, 79 mm (3 1/8"), aluminum, for running track 30617, 30618, 30619, 30620, 30668, 30669

			No.
	oonent set, with fixation clip, 3x2 3/8''), aluminum, anodized		30593
Set consisting	of:	30593	No.
	Panel end component, 79 mm (3 1/8"), aluminum, anodized	1	30590
000	Bracker connector, steel, zinc-plated	2	057.3051.101
	Fixation clip for wooden and aluminum panel, steel, zinc-plated	1	057.3126.101
9	Screw, M4x2.6 mm (5/32"x 1/8"), steel, zinc-plated	4	011.0101.171

End cap set for running track 057.3112.xxx

			No.
End cap set, wit	h fixation clip, plastic, anthracit	e	057.3132.072
Set consisting	of:	057.3132.072	No.
	End cap, plastic, anthracite	1	057.3132.071
L)	Fixation clip for wooden and aluminum panel, steel, zinc-plated	2	057.3126.101

Soft close

For soft closing in opening and closing direction order 2 sets.

			No.
	Soft close Hawa Porta 60/100, Divido 100, 10-60 kg (22 to 132 lbs.), 1 piece		
Set consisting	No.		
A	Soft close, top running, 10-60 kg (22 to 132 lbs.), plastic	1	042.3106.072
	Trigger for soft close in buildings, zinc die casting	1	042.3105.001
El S	Screw set soft close	1	600.0000.566

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Cover for assembly opening

			No.
Cover cap to as	042.3114.071		
Set consisting	of:	042.3114.071	No.
	Cover cap assembly opening, plastic, gray	1	042.0172.001
El S	Screw set soft close	1	600.0000.566

Bottom guide set for wall mounting

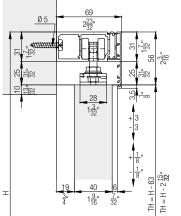
	No.
Set bottom guide for wall mounting, with roller	057.3128.171

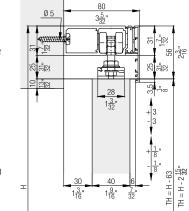
Accessories

	No.
Routing jig for assembly opening	042.3118.071
Groove cutter to routing jig, Ø= 10 mm (13/32"), hard metal	600.0000.309
 Track cleaner, plastic, blue	057.3099.071

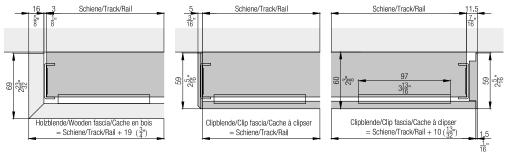
Further installation examples

Wall mounting rails with extended spacing of +9 mm/+20 mm (11/32''/25/32'') between door and wall.

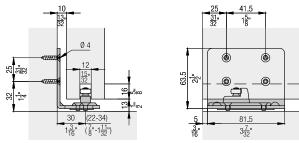




Calculations of clip-on panels



Optional: Wall bracket bottom guide





Soft close

								. Contraction of the second se	Ì© ()	>			ŝ			OF	1	
			Z	=				-				≥3 ≥1'					-		
*	0	1	2	0	2	2		-						$Z = \ge 5$ $= \ge 1'$					
Hawa Porta 60/100 H/HC	1' 6 <u>29</u> "	1'9 <u>1</u> "	1' 11 <u>1</u> "	2' 4 <u>3</u> "	2 629"	2' 9 <u>3</u> "				1				= 2 -	-9 <u>16</u>				
Hawa Porta 60/100 HM/HMD/HMT	1' 6 <u>29</u> "	1' 9 <u>1</u> "	$1' 11\frac{1}{4}"$	2' 4 <u>3</u> "	2' 6 <u>29</u> "	2' 9 <u>3</u> "		* . (0		1	Z	=	2		ass	ntageöffnung sembly openin	g	
Hawa Porta 100 G/GU/GM/GMT	1' 6 <u>29</u> "	1' 9 <u>1</u> "	1' 11 <u>1</u> "	2' 4 <u>3</u> "	2' 6 <u>29</u> "	2' 9 <u>3</u> "	*		•	0	1	2	0	1	2	ouv	verture de moi	itage	
Hawa Porta 100 GF	1' 6 <u>29</u> "	\bowtie	\boxtimes	2' 4 <u>3</u> "	\boxtimes	\mathbb{X}		Porta 60/100 Porta 60/100		480 480	535 535	590 590	730 730	785 785	840 840		- 62 2 7 "		n1
Hawa Porta 100 GW/GWF	1' 8 <u>5</u> "	1' 9 <u>11</u> "	1' 11 <u>1</u> "	2' 6"	2' 6 <u>29</u> "	2' 7 <u>3</u> "		Porta 100 G/G		480	535	590	730	785	840		02	y 11	₹.
Hawa Porta 100 GMD	1' 7 <u>7</u> "	1'9 <u>7</u> "	$1' 11\frac{1}{4}"$	2' 5 <u>1</u> "	2' 7 <u>1</u> "	2' 7 <u>3</u> "		Porta 100 GF Porta 100 GW	/GWE	480 512	542	590	730 762	792	840			i I	31
Hawa Divido 100 H/HM/GR	1' 6 <u>29</u> "	1' 9 <u>1</u> "	1' 11 <u>1</u> "	2' 4 <u>3</u> "	2' 6 <u>29</u> "	2' 9 <u>3</u> "		Porta 100 GM		488	539	590	738	789	840	2/3/2 2/3/2		32	П
Hawa Divido 100 GRM	1' 8 <u>5</u> "	1' 10 <u>11</u> "	1' 0 <u>1</u> "	2' 6"	2' 8 <u>5</u> "	2' 10 <u>11</u> "		Divido 100 H/ł Divido 100 GR		480 512	535 567	590 622	730 762	785 817	840 872		, –	1 <u>1</u> "	
		~9		ТŌ	0	•)	5			ŝ				1	Δ
dseitig gedämpfte Ausführungen ohne stirn- tigen Zugang erfordern zwei Montageöffnung sions with soft closing mechanism at both									≥ 570										
es without access from the leading edge uire two assembly openings.									≥ 1'-10 <u>7</u>	⁶ Z	= ≥ 840)							

Soft close

2216											_	_	$\geq 2\frac{7}{16}$
			Z	=					≥: >1	320 <u> 19</u> " 32			
		1			2				2 1	32	Z =	≥ 480	_
*	0	1	2	0	1	2					Z = 2	$\geq 1' - 6\frac{29}{32}$	5
Hawa Porta 60/100 H/HC	1' 6 <u>39</u> "	1'9 <u>1</u> "	$1' 11\frac{1}{4}"$	2' 4 <u>3</u> "	2' 6 <u>32</u> "				7	' =			★ Montageöffnung
Hawa Porta 60/100 HM/HMD/HMT	1' 6 <u>39</u> "	1'9 <u>1</u> "	1' 11 <u>1</u> "	2' 4 <u>3</u> "	2' 6 <u>29</u> "	2' 9 <u>3</u> "			1		2		assembly opening
Hawa Porta 100 G/GU/GM/GMT	1' 6 <u>29</u> "	1'9 <u>1</u> "	1' 11 <u>1</u> "	2' 4 <u>3</u> "	2' 6 <u>29</u> "	2' 9 <u>3</u> "	*	0	1 2	0	1	2	ouverture de montage
Hawa Porta 100 GF	1' 6 <u>29</u> "	\bowtie	$\mathbb{D}\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!$	2' 4 <u>3</u> "	\bowtie	\mathbb{N}			i35 590 i35 590	730 730	785 785	840 840	$2\frac{7}{16}$
Hawa Porta 100 GW/GWF	1' 8 <u>5</u> "	1' 9 <u>11</u> "	$1' 11\frac{1}{4}"$	2' 6"	2' 6 <u>29</u> "	2' 7 <u>3</u> "			i35 590	730	785	840	02
Hawa Porta 100 GMD	1' 7 <u>7</u> "	1'9 <u>7</u> "	1' 11 <u>1</u> "	2' 5 <u>1</u> "	2' 7 <u>1</u> "	2' 7 <u>3</u> "		480 512 5	42 590	730 762	792	840	
Hawa Divido 100 H/HM/GR	1' 6 <u>29</u> "	1'9 <u>1</u> "	1' 11 <u>1</u> "	2' 4 <u>3</u> "	2' 6 <u>29</u> "	2' 9 <u>3</u> "			39 590	738	789	840	
Hawa Divido 100 GRM	1' 8 <u>5</u> "	1' 10 <u>11</u> "	1' 0 <u>1</u> "	2' 6"	2' 8 <u>5</u> "		Hawa Divido 100 H/HM/GR		i35 590 i67 622	730 762	785 817	840 872	
≥ 62 ≥ 2 ⁷ / ₁₆			6	TO	0	•		le 🖻					$2\frac{7}{16}$
					•		≥ 570 ≥ 1'-10 <u>7</u> 16"						

Accessories

- Lock solutions from page 511

- General accessories from page 518

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

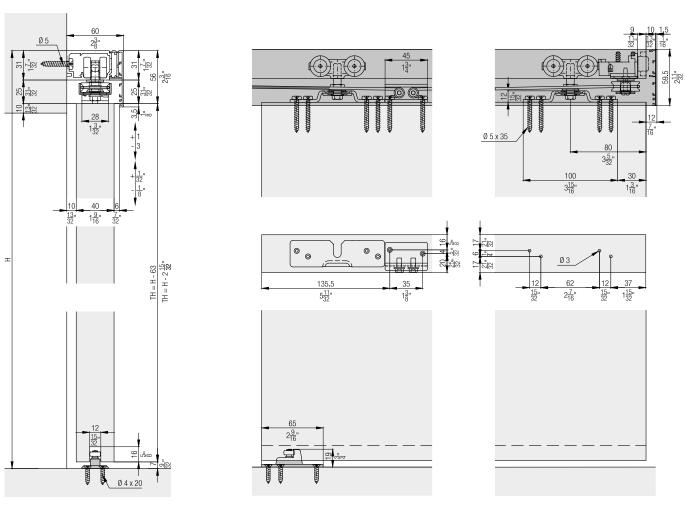
Fitting for 2 synchronously opening wooden doors up to 60 kg (132 lbs.), with surface mounted running track. Wall mounting.

Proc	luct highlights		
$\langle \rangle$	Flexibility	Standard applications can be extended with the Synchro option	
	Productivity	Easy installation of the accessory, based upon basic elements	
٢	Aesthetics	Also available in black as a "Black Edition" design option for a particularly attractive appearance	
Tech	nical specificat	ions	
$\overline{\mathbb{A}}$	Max.	60 kg (132 lbs.)	
${}^{\uparrow}_{\downarrow}$	Max.	2700 mm (8' 10 5/16'')	
$\leftarrow \rightarrow$	Max.	1200 mm (3' 11 1/4'')	

Installation examples

→[]←

30-45 mm (1 3/16" to 1 25/32")



Subject to technical modifications. Metric specifications are exact. Inches are approximate.

Set for ceiling mounting, for 1 wooden door up to 60 kg (132 lbs.) (order 2x)

Synchro set

				No.	
	H/HC, for 1 door			057.3138.071	
Hawa Porta 60	H/HC, black, for 1 door			057.3138.075	
Set consisting	of:	057.3138.071	057.3138.075	No.	:
COIO	Running gear, plain bearings, rollers, plastic, blue	2	2	057.3115.071	
1 Start	Stopper, with retention spring, plastic, gray	2		057.3073.072	
Ø	Suspension bolt, M8x32 mm (5/16"x1 1/4"), steel, zinc-plated	2	2	057.0123.104	-
8	Hexagon locking nut, M8, steel, zinc-plated	2	2	768.9005.101	
· · · · · · · · · · · · · · · · · · ·	Support bracket, height and lateral adjustable, steel, zinc-plated	2	2	057.3129.101	
Sil2	Pan head screw, 5x35 mm (3/16"x1 3/8"), steel, zinc-plated	8	8	766.6051.135	
	Bottom guide, with roller, adjustable, plastic, anthracite	1	1	057.3120.071	
	Countersunk head screw, 4x20 mm (5/32"x25/32"), steel, zinc-plated	4		766.5042.120	
- Series	Stopper, with retention spring, plastic, black		2	057.3073.076	
2ls	Countersunk head screw, 4x20 mm (5/32"x25/32"), steel, zinc-plated		4	600.0000.817	

			No.
Hawa Porta 60/1 Synchro, for 2 d	100 H/HC and Hawa Divido 100 oors	H,	042.3027.072
Set consisting	of:	042.3027.072	No.
٢	Deviating roller, ball bearing	2	055.0101.001
	Cable safety, steel, zinc-plated	2	056.0124.101
000	Clamp piece, steel, zinc-plated	2	057.0113.101
	Kevlar cable, D= 2.5 mm (3/32")	1	752.0059.104
	Flat washer, M5, 5.3/15/2 mm (3/16"/19/32"/3/32"), steel, zinc-plated	2	600.0000.681
	Rounded head screw, 5x25 mm (3/16"x31/32"), steel, zinc-plated	2	762.9455.000
212	Head cap screw, with flange, M5x10 mm (3/16"x13/32"), steel, zinc-plated	4	762.9365.000
	Pan head screw, 5x35 mm (3/16"x1 3/8"), steel, zinc-plated	4	766.6051.135

Running tracks

		mm (inch)	No.
		2,500 (8' 2 7/16'')	057.3112.250
	Running track,	3,500 (11' 5 25/32'')	057.3112.350
	aluminum, anodized, pre-drilled	6,000 (19' 8 7/32'')	057.3112.600
		cut to size	057.3112.990
	Running track, aluminum, black	2,500 (8' 2 7/16'')	057.3112.255
	anodized, pre-drilled	3,500 (11' 5 25/32'')	057.3112.355
1 111.	Running track, extended spacing	2,500 (8' 2 7/16'')	30617
	of +9 mm (11/32'') between door and	6,000 (19' 8 7/32'')	30618
*4/	wall, aluminum, anodized, pre-drilled	cut to size	30668
1 14	Running track, extended spacing	2,500 (8' 2 7/16'')	30619
	of +20 mm (25/32'') between door and	6,000 (19' 8 7/32'')	30620
	wall, aluminum, anodized, pre-drilled	cut to size	30669

Fixing clamp for the end pieces of wooden or aluminum panels

			No.
Fixation clip for 2-piece set	wooden and aluminum panel,		057.3126.071
Set consisting	of:	057.3126.071	No.
	Fixation clip for wooden and aluminum panel, steel, zinc-plated	2	057.3126.101

Panel end component set, 59 mm (2 5/16"), aluminum, for running track 057.3112.xxx

	No.	
Panel end component set, with fixation clip, 59x60 mm (2 5/16x2 3/8"), aluminum, black anodized	042.3028.056	
Panel end component set, with fixation clip, 59x60 mm (2 5/16x2 3/8''), aluminum, anodized	042.3028.076	

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Set consisting	of:	042.3028.056	042.3028.076	No.
	Panel end component, 59 mm (2 5/16"), aluminum, black anodized	1		042.3028.956
0	Bracker connector, steel, zinc-plated	2	2	057.3051.101
-	Fixation clip for wooden and aluminum panel, steel, zinc-plated	1	1	057.3126.101
٢	Screw, M4x2.6 mm (5/32"x 1/8"), steel, zinc-plated	4	4	011.0101.171
	Panel end component, 59 mm (2 5/16"), aluminum, anodized		1	042.3028.906

Panels

		mm (inch)	No.
	Clip-on panel, aluminum, anodized Clip-on panel, aluminum, black anodized	2,500 (8' 2 7/16'')	042.3004.250
		3,500 (11' 5 25/32'')	042.3004.350
		6,000 (19' 8 7/32'')	042.3004.600
		cut to size	042.3004.990
		2,500 (8' 2 7/16'')	042.3004.255
		3,500 (11' 5 25/32'')	042.3004.355

Clip-on components

		No.
	Clip component for wooden and aluminum panel, every 500 mm (1' 7 11/16''), aluminum, pre-drilled	057.3117.001
Ę.	Clip component for wooden and aluminum panel, every 500 mm (1' 7 11/16''), aluminum, black anodized, pre-drilled	057.3117.005

Panel end component set, 79 mm (3 1/8"), aluminum, for running track 30617, 30618, 30619, 30620, 30668, 30669

			No.
	oonent set, with fixation clip, 3x2 3/8''), aluminum, anodized		30593
Set consisting	of:	30593	No.
	Panel end component, 79 mm (3 1/8"), aluminum, anodized	1	30590
	Bracker connector, steel, zinc-plated	2	057.3051.101
	Fixation clip for wooden and aluminum panel, steel, zinc-plated	1	057.3126.101
٢	Screw, M4x2.6 mm (5/32"x 1/8"), steel, zinc-plated	4	011.0101.171

End cap set for running track 057.3112.xxx

			No.
End cap set, wit	h fixation clip, plastic, anthracit	te	057.3132.072
Set consisting of:		057.3132.072	No.
	End cap, plastic, anthracite	1	057.3132.071
- And	Fixation clip for wooden and aluminum panel, steel, zinc-plated	2	057.3126.101

Bottom guide set for wall mounting

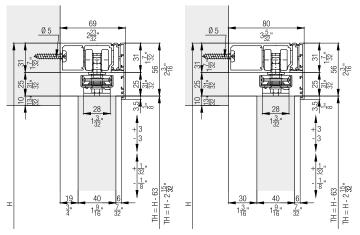
	No.
Set bottom guide for wall mounting, with roller	057.3128.171

Accessories

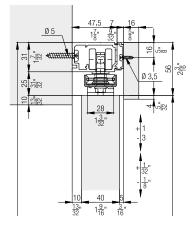
		No.	
	Track cleaner, plastic, blue	057.3099.071	

Further installation examples

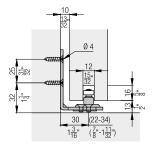
Wall mounting rails with extended spacing of +9 mm/+20 mm (11/32''/25/32'') between door and wall.

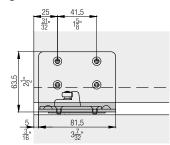


Wooden panel



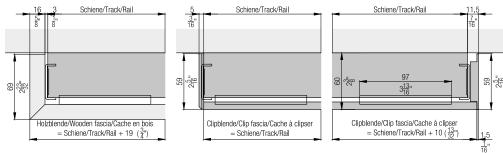
Optional: Wall bracket bottom guide



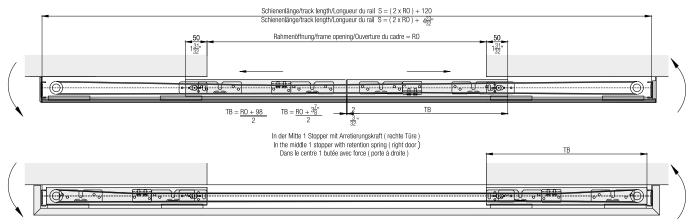




Calculations of panels



Calculations



Accessories

- Lock solutions from page 511

- General accessories from page 518

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

Fitting for top-running wooden doors up to 60 kg (132 lbs.), with surface mounted running track or running track flush with the ceiling. Optionally with soft and self closing mechanism. Ceiling mounting. Minimal installation height.

Proc	duct highlights			
$\langle \rangle$	Flexibility	Ceiling-integrated or surface-mounted installation with the same system		
	Productivity	Tool-less door mounting		
			f	
Tech	nnical specifica	tions	4	
\triangle	Max.	60 kg (132 lbs.)		
${\uparrow \brack \downarrow}$	Max.	2700 mm (8'10 5/16'')		
$\leftarrow \rightarrow$	Max	1600 mm (5'3'')		

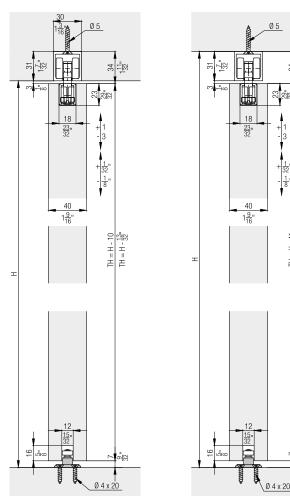
 $\frac{1}{32}$ $\frac{1}{8}$

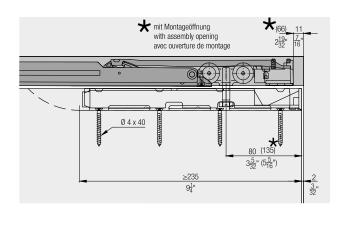
 $\frac{TH = H - 41}{TH = H - 1\frac{5}{8}n}$

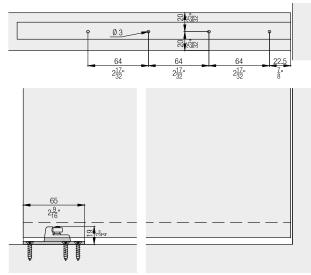
Те

\triangle	Max.	60 kg (132 lbs.)
$\stackrel{\wedge}{\downarrow}$	Max.	2700 mm (8'10 5/16'')
$\stackrel{\leftarrow}{=}$	Max.	1600 mm (5'3'')
→[]←	30-	80 mm (1 3/16'' to 3 5/32'')

Installation examples







Set for ceiling mounting, for 1 wooden door up to 60 kg (132 lbs.)

Set for ceiling mounting, for 1 wooden door up to 60 kg (132 lbs.)

			No.
	Hawa Porta 60 HM/HMD, minimal installation height, for 1 door		057.3133.072
Set consisting	of:	057.3133.072	No.
ESTO	Running gear, plain bearings, rollers plastic blue	2	057.3115.071
Contraction of the second seco	Stopper, with retention spring, plastic, gray	2	057.3073.072
B	Hexagon head screw, M8x36 mm (5/16"x1 13/32"), steel, zinc-plated	2	042.0165.101
	Cover cap, plastic, grey	2	600.0000.533
	Running gear holder, plastic, anthracite	2	042.0167.001
Service of the servic	Housing, steel, zinc-plated	2	042.0166.101
SI >>	Countersunk head screw, 4x40 mm (5/32"x1 9/16"), steel, zinc-plated	8	766.5040.140
	Bottom guide, with roller, adjustable, plastic, anthracite	1	057.3120.071
SI D	Countersunk head screw, 4x20 mm (5/32"x25/32"), steel, zinc-plated	4	766.5042.120

				No.
with running tra	Hawa Porta 60 HM, minimal installation height, with running track, 2000 mm (6' 6 3/4''), aluminum, for 1 door			
Set consisting	of:	mm (inch)	057.3134.071	No.
E	Running gear, plain bearings, rollers plastic blue		2	057.3115.071
	Stopper, with reten spring, plastic, gra		2	057.3073.072
9	Hexagon head screw, M8x36 mm (5/16"x1 13/32"), 2 steel, zinc-plated			042.0165.101
Ø	Cover cap, plastic,	grey	2	600.0000.533
A STREET	Running gear holder, plastic, anthracite		2	042.0167.001
	Housing, steel, zinc-plated 2			042.0166.101
El S	Countersunk head screw, 4x40 mm (5/32"x1 9/16"), steel, zinc-plated		766.5040.140	
	Bottom guide, with roller, adjustable, 1 plastic, anthracite		057.3120.071	
El >	Countersunk head screw, 4x20 mm (5/32"x25/32"), steel, zinc-plated		766.5042.120	
°/	Running track, aluminum, pre-drilled	2,000 (6' 6 3/4 '')	1	057.3016.200

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Running tracks

		mm (inch)	No.
		1,700 (5' 6 15/16'')	057.3016.170
		2,000 (6' 6 3/4 '')	057.3016.200
	Running track, aluminum, pre-drilled	2,500 (8' 2 7/16'')	057.3016.250
		6,000 (19' 8 7/32'')	057.3016.600
		cut to size	057.3016.990
		2,000 (6' 6 3/4 '')	057.3016.201
	Running track, aluminum, anodized, pre-drilled	2,500 (8' 2 7/16'')	057.3016.251
9		6,000 (19' 8 7/32'')	057.3016.601
		cut to size	057.3016.991
	Running track, with assembly opening, aluminum, anodized, pre-drilled	2,500 (8' 2 7/16'')	057.3016.256
		cut to size	057.3016.998
		2,500 (8' 2 7/16'')	27668
	Running track, ceiling integration, aluminum, anodized, pre-drilled	3,500 (11' 5 25/32'')	27667
		6,000 (19' 8 7/32'')	30326
		cut to size	27669
	Disposable cover to running track Hawa	2,000 (6' 6 3/4 '')	057.3098.001
Porta 45/60/100, plastic, black		cut to size	057.3098.990

Soft close

For soft closing in opening and closing direction order 2 sets.

			No.
Soft close Hawa 10–60 kg (22-13	a Porta 60/100, Divido 100, 2 lbs.), 1 piece		042.3102.072
Set consisting	of:	042.3102.072	No.
a second de	Soft close, top running, 10-60 kg (22 to 132 lbs.), plastic	1	042.3106.072
	Trigger for soft close in buildings, zinc die casting	1	042.3105.001
El >	Screw set soft close	1	600.0000.566

Cover for assembly opening

	No.		
Cover cap to as		042.3114.071	
Set consisting of:			No.
	Cover cap assembly opening, plastic, gray	1	042.0172.001
2US	Screw set soft close	1	600.0000.566

Screw set

	No.		
Screw set for ceiling integration, +15 mm (+19/32")			057.3180.071
Set consisting	of:	057.3180.071	No.
<u>G</u>	Hexagon screw, M8x51 mm (5/16"x2"), steel, zinc-plated	2	042.0165.103
O	Head cap screw, M8x50 mm (5/16"x1 31/32"), steel, zinc-plated	1	042.0175.002



Accessories

	No.
Routing jig for assembly opening	042.3118.071
Groove cutter to routing jig, Ø= 10 mm (13/32"), hard metal	600.0000.309
 Track cleaner, plastic, blue	057.3099.071



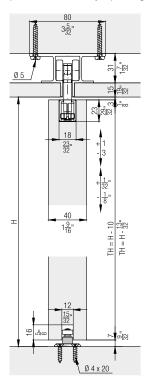
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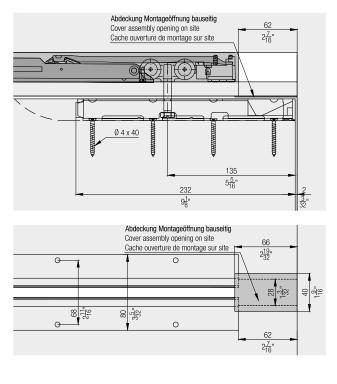
Soft close

									0			ŝ		
	Z =					≥ 320 $\geq 1'\frac{19}{32}$								
*	0	1	2	0	1	2	$Z = \ge 535$ $Z = \ge 1' \cdot 9\frac{1}{16}''$							
Hawa Porta 60/100 H/HC Hawa Porta 60/100 HM/HMD/HMT	1' 6 <u>39</u> " 1' 6 <u>39</u> "	1' 9 <u>16</u> " 1' 9 <u>16</u> "	1' 11 <u>1</u> " 1' 11 <u>1</u> "	2' 4 <u>3</u> " 2' 4 <u>3</u> "	2' 6 <u>29</u> " 2' 6 <u>29</u> "	2' 9 <u>32</u> " 2' 9 <u>32</u> "	 						Montageöffnung assembly opening	
Hawa Porta 100 G/GU/GM/GMT	1' 6 <u>29</u> "	1'9 <u>1</u> "	1' 11 <u>1</u> "	2' 4 <u>3</u> "	2' 6 <u>29</u> "	2' 9 <u>3</u> "	*	0	1	2	0	1	2	62
Hawa Porta 100 GF Hawa Porta 100 GW/GWF	1' 6 <u>32</u> " 1' 8 <u>5</u> "	1' 9 <u>11</u> "	1' 11 ¹ / ₄	2' 4 <u>3</u> " 2' 6"	2' 6 <u>29</u> "	2' 7 <u>3</u> "	Hawa Porta 60/100 H/HC Hawa Porta 60/100 HM/HMD/HMT Hawa Porta 100 G/GU/GM/GMT	480 480 480	535 535 535	590 590 590	730 730 730	785 785 785	840 840 840	2 <u>7</u> " "
Hawa Porta 100 GMD	1' 7 <u>7</u> "	1'9 <u>7</u> "	$1' 11\frac{1}{4}"$	2' 5 <u>1</u> "	2' 7 <u>1</u> "	2' 7 <u>3</u> "	Hawa Porta 100 GF Hawa Porta 100 GW/GWF Hawa Porta 100 GMD	480 512 488	542 539	590 590	730 762 738	792 789	840 840	
Hawa Divido 100 H/HM/GR Hawa Divido 100 GRM	1' 6 <u>32</u> " 1' 8 <u>5</u> "	1' 9 <u>1</u> 6" 1' 10 <u>11</u> "	$1' 11\frac{1}{4}''$ $1' 0\frac{1}{2}''$	2' 4 <u>3</u> " 2' 6"	2' 6 <u>32</u> " 2' 8 <u>5</u> "	2' 9 <u>3</u> " 2' 10 <u>11</u> "	Hawa Divido 100 H/HM/GR Hawa Divido 100 GRM	480 512	535 567	590 622	730 762	785 817	840 872	
seidseitig gedämpfte Ausführungen ohne stim- eitligen Zugang erfordern zwei Montageöffnun (ersions with soft closing mechanism at both ides without access from the leading edge equire two assembly openings. es versions avec amortissement bilatéral sans accès fontal exident deux ouvertures de monta	gen.						≥ 570 ≥ 1'-10 ₁	- 2	<u>= ≥ 840</u> ≥ 2'-9 <u>1</u> 6					

Ceiling integration

Recommendation: For systems integrated into the ceiling, provide assembly openings or front access to the system.





Accessories

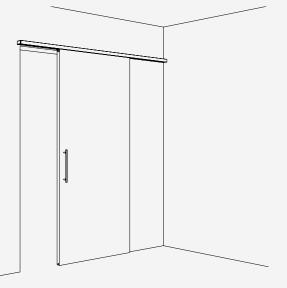
- Lock solutions from page 511
- General accessories from page 518

Fitting for top-running wooden doors up to 60 kg (132 lbs.), with surface mounted running track. Optionally with soft and self closing mechanism. Wall mounting. Minimal installation height.

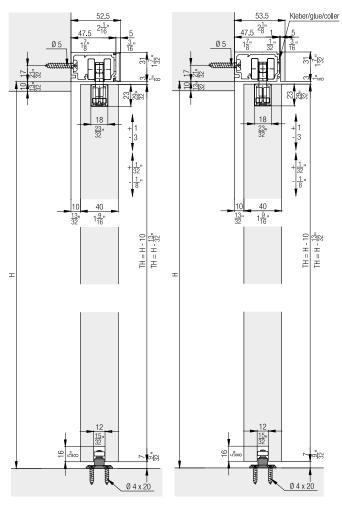
Product highlights						
Flexibility	Aluminium panel or customer-provided wooden panelling integrated in the system					
Productivity	Tool-less door mounting					
Aesthetics	Also available in black as a "Black Edition" design option for a particularly attractive appearance					

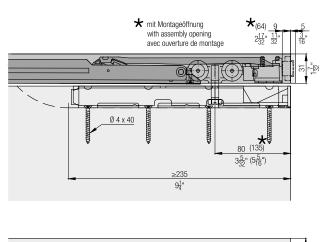
Technical specifications

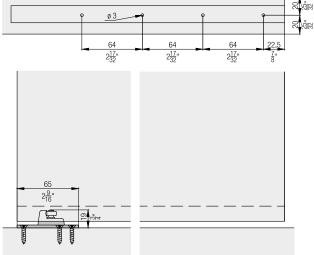
$\overline{\mathbb{N}}$	Max.	60 kg (132 lbs.)
$\stackrel{\wedge}{\downarrow}$	Max.	2700 mm (8' 10 5/16'')
$\stackrel{\leftarrow}{=}$	Max.	1600 mm (5' 3'')
→[]←		30–45 mm (1 3/16" to 1 25/32")



Installation examples









Г

Set for wall mounting, for 1 wooden door up to 60 kg (132 lbs.)

Set for wall mounting, for 1 wooden door up to 60 kg (132 lbs.)

				No.
Hawa Porta 60 HM/HMD, minimal installation height, for 1 door			057.3133.072	
Hawa Porta 60 minimal installa	HMD, black, tion height, for 1 door			057.3133.084
Set consisting	of:	057.3133.072	057.3133.084	No.
ESTO	Running gear, plain bearings, rollers, plastic, blue	2	2	057.3115.071
1990	Stopper, with retention spring, plastic, gray	2		057.3073.072
ø	Hexagon head screw, M8x36 mm (5/16"x1 13/32"), steel, zinc-plated	2	2	042.0165.101
Ø	Cover cap, plastic, grey	2	2	600.0000.533
A STATISTICS	Running gear holder, plastic, anthracite	2	2	042.0167.001
	Housing, steel, zinc-plated	2	2	042.0166.101
	Countersunk head screw, 4x40 mm (5/32"x1 9/16"), steel, zinc-plated	8	8	766.5040.140
	Bottom guide, with roller, adjustable, plastic, anthracite	1	1	057.3120.071
	Countersunk head screw, 4x20 mm (5/32"x25/32"), steel, zinc-plated	4		766.5042.120
Contraction of the second seco	Stopper, with retention spring, plastic, black		2	057.3073.076
2 July	Countersunk head screw, 4x20 mm (5/32"x25/32"), steel, zinc-plated		4	600.0000.817

			No.	
Hawa Porta 60 H with running trad aluminum, anod	057.3136.071			
Set consisting of: (inch)			057.3136.071	No.
ESTO	Running gear, plain bearings, rollers, plastic, blue	e	2	057.3115.071
Contraction of the second seco	Stopper, with reten spring, plastic, gray		2	057.3073.072
Ø.		Hexagon head screw, M8x36 mm (5/16"x1 13/32"), steel, zinc-plated		042.0165.101
Ø	Cover cap, plastic, grey 2		2	600.0000.533
JE MARTIN	Running gear holde plastic, anthracite	er,	2	042.0167.001
	Housing, steel, zind	c-plated	2	042.0166.101
	Bottom guide, with roller, adjustat plastic, anthracite	ole,	1	057.3120.071
<u>الم</u>	Fixation clip for wo aluminum panel, 2-		1	057.3126.071
2ll>	Countersunk head screw, 4x40 mm (5/32"x1 9/16"), steel, zinc-plated		8	766.5040.140
242	Countersunk head screw, 4x20 mm (5/32"x25/32"), steel, zinc-plated		4	766.5042.120
	Single running track, aluminum, anodized, pre-drilled	2,000 (6' 6 3/4 '')	1	057.3112.199



Running tracks

		mm (inch)	No.
		2,500 (8' 2 7/16'')	057.3112.250
	Running track, aluminum, anodized,	3,500 (11' 5 25/32'')	057.3112.350
	pre-drilled	6,000 (19' 8 7/32'')	057.3112.600
		cut to size	057.3112.990
	Running track, aluminum,	2,500 (8' 2 7/16'')	057.3112.255
	black anodized, pre-drilled	3,500 (11' 5 25/32'')	057.3112.355
1 111.	Running track, extended spacing of +9 mm (11/32'') between door and wall, aluminum, anodized, pre-drilled	2,500 (8' 2 7/16'')	30617
		6,000 (19' 8 7/32'')	30618
**		cut to size	30668
	Running track, extended spacing of +20 mm (25/32'') between door and	2,500 (8' 2 7/16'')	30619
		6,000 (19' 8 7/32'')	30620
wall, aluminum, anodized, pre-drilled	cut to size	30669	
	Disposable cover to running track Hawa	2,000 (6' 6 3/4 '')	057.3098.001
Divido 100 / Hawa Porta 45/60/100, plastic, black		cut to size	057.3098.990

Panels

_		mm (inch)	No.
	Clip-on panel, wall mounting, aluminum, anodized	2,500 (8' 2 7/16'')	057.3113.250
		3,500 (11' 5 25/32'')	057.3113.350
		6,000 (19' 8 7/32'')	057.3113.600
		cut to size	057.3113.990
	Clip-on panel, wall mounting,	2,500 (8' 2 7/16'')	057.3113.255
	aluminum, black anodized	3,500 (11' 5 25/32'')	057.3113.355

End cap set for running track 057.3112.xxx

				No.
End cap set, wit	h fixation clip, plastic, anth	racit	e	057.3131.072
End cap set, wit	h fixation clip, plastic, blacl	<		057.3131.075
Set consisting of:			No.	
	End cap, plastic, anthracite	1		057.3131.071
	Fixation clip for wooden and aluminum panel, steel, zinc-plated	2	2	057.3126.101
	End cap set, plastic, black		1	057.3131.076

Fixing clamp for the end pieces of wooden or aluminum panels

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			No.
Fixation clip for wooden and aluminum panel, 2-piece set		057.3126.071	
Set consisting	of:	057.3126.071	No.
Ð	Fixation clip for wooden and aluminum panel, steel, zinc-plated	2	057.3126.101

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

			No.
Panel end component set, with fixation clip, 95 mm (3 3/4"), plastic, anthracite			30485
Set consisting	of:	30485	No.
	Panel end component, 95 mm (3 3/4"), plastic, anthracite, can be shortened	2	30133
A	Fixation clip for wooden and aluminum panel, steel, zinc-plated	2	057.3126.101

Soft close

For soft closing in opening and closing direction order 2 sets.

			No.
	1 Porta 60/100, Divido 100, 132 lbs.), 1 piece		042.3102.072
Set consisting	of:	042.3102.072	No.
A CONTRACTOR	Soft close, top running, 10-60 kg (22 to 132 lbs.), plastic	1	042.3106.072
	Trigger for soft close in buildings, zinc die casting	1	042.3105.001
2US	Screw set soft close	1	600.0000.566

Cover for assembly opening

			No.
Cover cap to as	sembly opening, 1-piece set		042.3114.071
Set consisting	of:	042.3114.071	No.
	Cover cap assembly opening, plastic, gray	1	042.0172.001
	Screw set soft close	1	600.0000.566

Bottom guide set for wall mounting

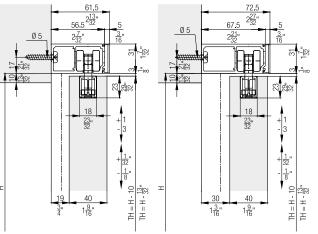
		No.
	Set bottom guide for wall mounting, with roller	057.3128.171

Accessories

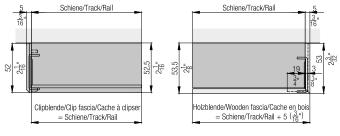
		No.
•	Routing jig for assembly opening	042.3118.071
	Groove cutter to routing jig, Ø= 10 mm (13/32"), hard metal	600.0000.309
	Track cleaner, plastic, blue	057.3099.071

Further installation examples

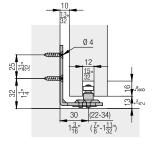
Wall mounting rails with extended spacing of +9 mm/+20 mm (11/32''/25/32'') between door and wall.

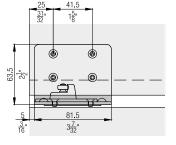


Calculations of panels



Wall mounting bottom guide





Hawa Porta 60 HMD

Soft close

									<u> </u>	۵)	0			÷,			ØĽ	Ĭ	\square
			Z	=				-	-	-			≥3 ≥1'				-	-		
		1			2	1							21		Z = ≥ 5	35				
*	0	1	2	0	1	2									= ≥ 1'-					
Hawa Porta 60/100 H/HC	1' 6 <u>39</u> "	1' 9 <u>1</u> "	1' 11 <u>1</u> "	2' 4 <u>3</u> "	2' 6 <u>29</u> "	2' 9 <u>3</u> "					1		7				يريد ملد			
Hawa Porta 60/100 HM/HMD/HMT	1' 6 <u>39</u> "	1' 9 <u>1</u> "	$1' 11\frac{1}{4}"$	2' 4 <u>3</u> "	2' 6 <u>39</u> "	2' 9 <u>3</u> "	æ	. * .		0		1		-	2		asse	ntageöffnun embly open	ning	
Hawa Porta 100 G/GU/GM/GMT	1' 6 <u>29</u> "	1' 9 <u>1</u> "	1' 11 ¹ "	2' 4 <u>3</u> "	2' 6 <u>29</u> "	2' 9 <u>3</u> "	*	. –			0	1	2	0	1	2		erture de m	iontage	
Hawa Porta 100 GF	1' 6 <u>39</u> "	\boxtimes	\supset	2' 4 <u>3</u> "	\bowtie	\searrow)/100 H/H	C C/HMD/HMT	480 480	535 535	590 590	730 730	785 785	840 840		62 2 <u>7</u> "		1
Hawa Porta 100 GW/GWF	1' 8 <u>5</u> "	1' 9 <u>11</u> "	1' 11 <u>1</u> "	2' 6"	2' 6 <u>29</u> "	2' 7 <u>3</u> ")0 G/GU/0		480	535	590	730	785	840		02		1
Hawa Porta 100 GMD	1' 7 <u>7</u> "	1' 9 <u>7</u> "	1' 11 <u>1</u> "	2' 5 <u>1</u> "	2' 7 <u>1</u> "	2' 7 <u>3</u> "	Hawa	Porta 10			480	542	590	730 762	792	840	y		- I II	31
Hawa Divido 100 H/HM/GR	1' 6 <u>29</u> "	1' 9 <u>1</u> "	1' 11 <u>1</u> "	2' 4 <u>3</u> "	2' 6 <u>29</u> "	2' 9 <u>3</u> "	Hawa	Porta 10	00 GMD		488	539	590	738	789	840	2		1 ₃₂	n t
Hawa Divido 100 GRM	1' 8 <u>5</u> "	1' 10 <u>32</u> "	1'0 <u>1</u> "	2' 6"	2' 8 <u>5</u> "	2' 10 <u>11</u> "		Divido 1 Divido 1	00 H/HM/ 00 GRM	GR	480 512	535 567	590 622	730 762	785 817	840 872			1 <u>1</u> "	
	_	~9		ТŌ	0	•)	0			ŝ			Or	¥	Å
eidseitig gedämpfte Ausführungen ohne stirn- itigen Zugang erfordern zwei Montageöffnung	jen.									≥ 570										
ersions with soft closing mechanism at both des without access from the leading edge quire two assembly openings.										$\geq 1' - 10\frac{7}{10}$	5 7	= ≥ 840								

$\frac{\geq 62}{\geq 2\frac{7}{16}}$). 	∍			ŝ		$\bigcirc \bigcirc $
		1	Z	=	2					≥3 ≥1'				
*	0	1	2	0	1	2	-						≥ 2480 $\ge 1'-6\frac{29}{32}$	9 .
Hawa Porta 60/100 H/HC Hawa Porta 60/100 HM/HMD/HMT	1' 6 <u>29</u> " 1' 6 <u>29</u> "	1' 9 <u>16</u> " 1' 9 <u>16</u> "	1' 11 <u>1</u> " 1' 11 <u>1</u> "	2' 4 <u>3</u> " 2' 4 <u>3</u> "	2' 6 <u>32</u> " 2' 6 <u>32</u> "	2' 9 <u>32</u> " 2' 9 <u>32</u> "			1	Z	=	2		Montageöffnung assembly opening ouverture de montage
Hawa Porta 100 G/GU/GM/GMT Hawa Porta 100 GF	1' 6 <u>29</u> " 1' 6 <u>29</u> "	1'9 <u>1</u> "	1' 114	2' 4 <u>3</u> " 2' 4 <u>3</u> "	2' 6 <u>29</u> "	2' 9 <u>3</u> "	Hawa Porta 60/100 H/HC	0 480	1 535	2 590	0 730	1 785	2 840	
Hawa Porta 100 GW/GWF	1' 8 <u>5</u> "	1' 932	1' 11 <u>1</u> "	2' 6"	2' 6 <u>32</u> "	2' 7 <u>3</u> "	Hawa Porta 60/100 HM/HMD/HMT Hawa Porta 100 G/GU/GM/GMT	480 480	535 535	590 590	730 730	785 785	840 840	
Hawa Porta 100 GMD Hawa Divido 100 H/HM/GR	1' 7 <u>7</u> " 1' 6 <u>29</u> "	1'9 <u>7</u> " 1'9 <u>32</u> " 1'9 <u>1</u> 6"	$1' 11\frac{1}{4}''$ $1' 11\frac{1}{4}''$	2' 5 <u>16</u> " 2' 4 <u>3</u> "	2' 7 <u>16</u> " 2' 6 <u>29</u> "	2' 7 <u>3</u> " 2' 9 <u>3</u> "	Hawa Porta 100 GF Hawa Porta 100 GW/GWF Hawa Porta 100 GMD	480 512 488	542 539	590 590	730 762 738	792 789	840 840	
Hawa Divido 100 GRM	1' 8 <u>5</u> "	1' 10 <u>11</u> "	1' 0 <u>1</u> "	2' 6"		2' 10 <u>32</u> 2' 10 <u>32</u> "	Hawa Divido 100 H/HM/GR Hawa Divido 100 GRM	480 512	535 567	590 622	730 762	785 817	840 872	
≥ 570														
$\ge 1' \cdot 10\frac{7}{16}''$ $Z = \ge 730$ $Z = \ge 2' \cdot 4\frac{3}{4}''$														

Accessories

- Lock solutions from page 511

- General accessories from page 518

Planning/execution Further information about the product can be found

on www.hawa.com.

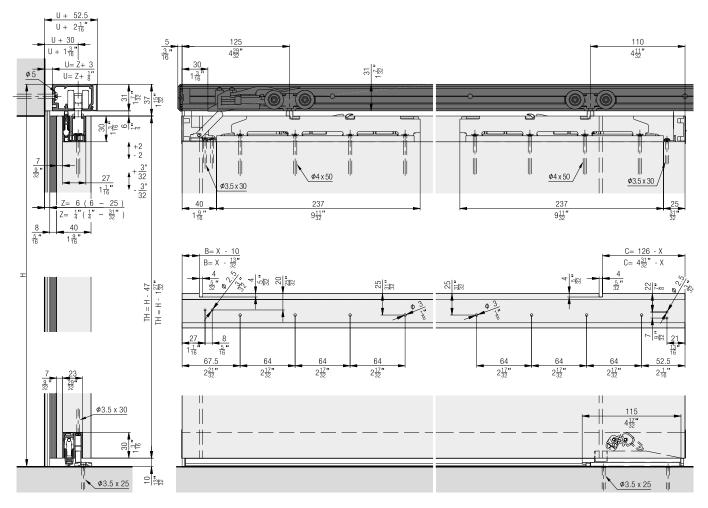
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Fitting for top-running wooden doors up to 60 kg (132 lbs.), with surface mounted running track. Sound attenuation. Wall mounting. Minimal installation height.

Product highlights	5	
🖓 Comfort	Outstanding living comfort thanks to effective exclusion of sound, drafts, odors and unwanted light incidence	
Flexibility	Aluminium panel or customer-provided wooden panelling integrated in the system	
Productivity	Tool-less door mounting	
Technical specific	ations	
	60 kg (132 lbs.)	
↑∏ Max.	2500 mm (8' 2 7/16'')	
	1250 mm (2' 5 17/32'' to 4' 1 7/32'') Inside clearance (LMB)	
→∏←	39–45 mm (1 17/32'' to 1 25/32'')	4

Installation examples

 $\rightarrow [] \leftarrow$



Set for 1 wooden door up to 60 kg (132 lbs.)

			NL
			No.
Hawa Porta 60 H for 1 door	HMD/HMT Pocket Acoustics,		30431
Set consisting	of:	30431	No.
ESTO	Running gear, plain bearings, rollers, plastic, blue	2	057.3115.071
	SoftStop Hawa Porta Acoustics, with retention spring, plastic, gray	1	30472
A Second	Stopper, with retention spring, plastic, gray	1	057.3073.072
<u> </u>	Adapter for running gear, for SoftStop, plastic, gray	1	30218
24 S	Pan head screw, M3x8 mm (1/8"x5/16")	1	30359
9	Hexagon head screw, M8x36 mm (5/16"x1 13/32"), steel, zinc-plated	1	042.0165.101
<u></u>	Head cap screw, M8x35 mm (5/16"x1 3/8"), steel, zinc-plated	1	042.0175.001
Ø	Cover cap, plastic, grey	1	600.0000.533
OTTO TO	Running gear holder, plastic, anthracite	2	042.0174.001
	Housing, steel, zinc-plated	2	042.0166.102
A STREET BEFORE	Spacer, housing plastic anthracite	2	30361
	Cover cap set, plastic, anthracite, 4-piece set	1	30484
212	Flat countersunk head chipboard screw, 4x50 mm (5/32"x1 31/32", steel, zinc-plated	8	30463

Running tracks

		mm (inch)	No.
		2,500 (8' 2 7/16'')	057.3112.250
	Running track, aluminum, anodized,	3,500 (11' 5 25/32'')	057.3112.350
	pre-drilled	6,000 (19' 8 7/32'')	057.3112.600
		cut to size	057.3112.990
1 111.	Running track, extended spacing	2,500 (8' 2 7/16'')	30617
	of +9 mm (11/32'') between door and	6,000 (19' 8 7/32'')	30618
-4/-	wall, aluminum, anodized, pre-drilled	cut to size	30668
	Running track, extended spacing	2,500 (8' 2 7/16'')	30619
	of +20 mm (25/32'') between door and	6,000 (19' 8 7/32'')	30620
*#	wall, aluminum, anodized, pre-drilled	cut to size	30669
	Disposable cover to running track Hawa	2,000 (6' 6 3/4 '')	057.3098.001
	Divido 100 / Hawa Porta 45/60/100, plastic, black	cut to size	057.3098.990

Components for running tracks

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

Panels

	mm (inch)	No.
	2,500 (8' 2 7/16'')	057.3113.250
Clip-on panel, wall mounting,	3,500 (11' 5 25/32'')	057.3113.350
aluminum, anodized	6,000 (19' 8 7/32'')	057.3113.600
	cut to size	057.3113.990

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

			No.
Panel end comp 95 mm (3 3/4''),	30485		
Set consisting	of:	30485	No.
	Panel end component, 95 mm (3 3/4"), plastic, anthracite, can be shortened	2	30133
L.	Fixation clip for wooden and aluminum panel, steel, zinc-plated	2	057.3126.101

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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

Sets right type (horizontal seal set)

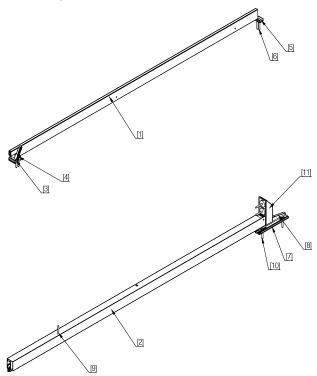
		No.
	Seal, Hawa Acoustics XS, right	30436
////	Seal, Hawa Acoustics S, right	30438
	Seal, Hawa Acoustics M, right	30440
	Seal, Hawa Acoustics L, right	30442
	Seal, Hawa Acoustics XL, right	30444

Vertical seal for seal set, left, right set type

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

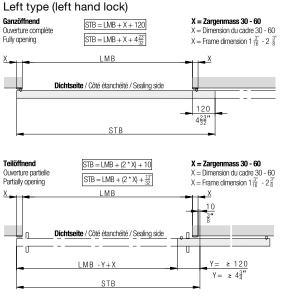
Hawa Acoustics horizontal seal set

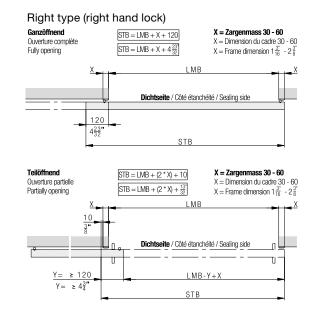
consisting of:



Position Position Position	Bezeichnung Désignation Designation	Anzahi Numéro Number	Тур Туре Туре			
1	Hubdichtung Joint de levage Header seal	1	Links/Rechts Gauche/Droite Left/Right			
			XS	30454]	
			S	30385	1	
			М	30455	1	
			L	30456	1	
			XL	30457	1	
2	Senkdichtung Joint d'abaissement Floor seal	1	Links Gauche Left		Rechts Droite Right	
			XS	30446	XS	30447
			S	30387	S	30383
			М	30448	М	30449
			L	30450	L	30451
			XL	30452	XL	30453
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





Acoustics set determination

Ganzöffnend

Ouverture complète Fully opening

LMB						
30	40	50	60			
750 - 780	750 - 770	750 -760	750			
780 - 900	770 - 890	760 - 880	750 - 870			
900 - 1030	890 - 1020	880 - 1010	870 - 1000			
1030 - 1150	1020 -1140	1010 - 1130	1000 - 1120			
1150 - 1250	1140 - 1250	1130 - 1250	1120 - 1250			
	750 - 780 780 - 900 900 - 1030 1030 - 1150	30 40 750 - 780 750 - 770 780 - 900 770 - 890 900 - 1030 890 - 1020 1030 - 1150 1020 - 1140	30 40 50 750 - 780 750 - 770 750 - 760 780 - 900 770 - 890 760 - 880 900 - 1030 890 - 1020 880 - 1010 1030 - 1150 1020 - 1140 1010 - 1130			

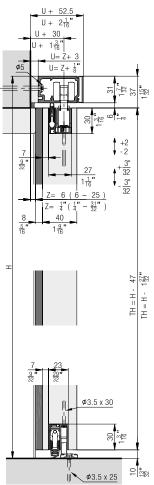
		LMB					
Х	1 ^{3"}	1 9'	1 31"	2 ³ / ₈			
Hawa Acoustics XS	2' 5 ^{17"} / ₃₂ - 2' 6 ^{23"} / ₃₂	2' 5 17" - 2' 6 5"	2' 5 17" - 2' 5 29"	2' 5 17"			
Hawa Acoustics S	2'6 23" - 2'11 7"	2'6 $\frac{5''}{16}$ - 2'11 $\frac{1''}{32}$	2' 5 $\frac{29''}{32}$ - 2'10 $\frac{21''}{32}$	2' 5 17" - 2'10 1/4			
Hawa Acoustics M	2'11 7" - 3' 4 9"	2'11 1" - 3' 4 5"	$2'10\frac{21''}{32} - 3'3\frac{3''}{4}$	2'10 1/4" - 3'3 3/8			
Hawa Acoustics L	3' 4 $\frac{9''}{16}$ - 3' 9 $\frac{9''}{32}$	3' 4 5" - 3' 8 7"	3'3 3" - 3'8 1"	3' 3 $\frac{3''}{8}$ - 3' 8 $\frac{3'}{32}$			
Hawa Acoustics XL	3'9 9 - 4'1 7	3'8 7" - 4'1 7"	3'8 15" - 4'1 7"	3'8 30' -4'1 7			

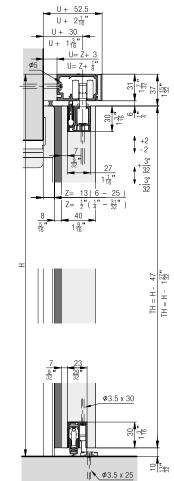
Teilöffnend

Ouverture partielle Partially opening

	LMB				
Х	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 - 1100	950 - 1080	930 - 1060	
Hawa Acoustics L	1120 - 1240	1100 - 1220	1080 - 1200	1060 - 1180	
Hawa Acoustics XL	1240 - 1250	1220 - 1250	1200 - 1250	1180 - 1250	
		L	MB		
Х	1 3	1 9"	1 31"	2 ³ / ₈	
Hawa Acoustics XS	2' 5 ^{17"} / ₃₂ - 2'10 ¹ / ₄	2' 5 17" - 2' 9 15 32	2' 5 17" - 2' 8 11"	2' 5 17" - 2' 7 7	
Hawa Acoustics S	2'10 1" - 3' 2 31"	2' 9 15" - 3' 2 3"	2' 8 11" - 3' 1 13"	$2'7 \frac{7''}{8} - 3' \frac{5}{8}$	
Hawa Acoustics M	3' 2 31" - 3' 8 3"	3' 2 3'' - 3' 7 5''	$2 \frac{3''}{16} - 3' 7 \frac{5''}{16} 3' 1 \frac{13''}{32} - 3' 6 \frac{17''}{32}$		
Hawa Acoustics L	3' 8 3' - 4' 13'	3' 7 5" - 4' 1"	3' 6 $\frac{17''}{32}$ - 3'11 $\frac{1''}{4}$	3' 5 $\frac{23''}{32}$ - 3'10 $\frac{15}{32}$	
Hawa Acoustics XL	4' 13" - 4' 1 7"	4' $\frac{1''}{32}$ - 4' 1 $\frac{7'}{32}$	3'11 $\frac{1}{4}$ - 4' 1 $\frac{7}{32}$	3'10 ¹⁵ '' - 4' 1 7/32	

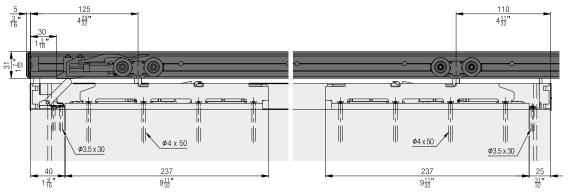
Block frame / closed frame details

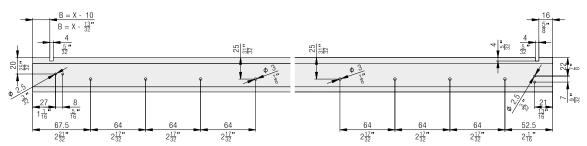


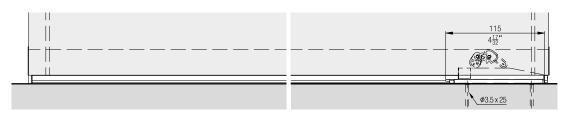


Hawa Porta 60 HMD Acoustics

Partially opening view



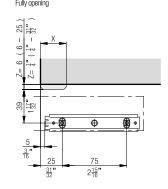


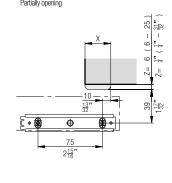


Bottom guide assembly detail

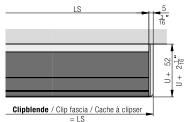
Ganzöffnend Ouverture complète Fully opening

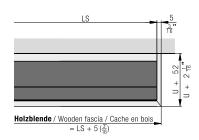
Teilöffnend Ouverture partielle Partially opening





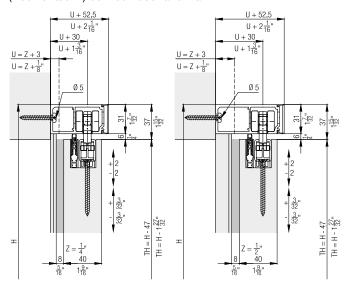
Calculations of panels





Further installation examples

Wall mounting rails with extended spacing of +9 mm/+20 mm (11/32"/25/32") between door and wall.



Room-to-room sound attenuation

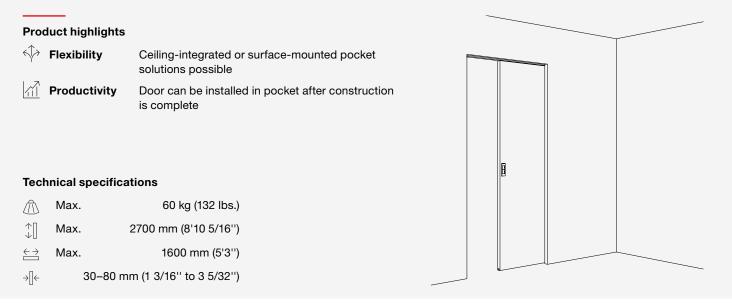
All reference values have been measured on the basis of a practical design. The Rw sound attenuation values specify the expected sound attenuation between the two rooms which are influenced by the wall, the system and the choice of door leaf.

Reference values tested with a lightweight construction wall in accordance with James Hardy (type 1 H 31 / Rw 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.

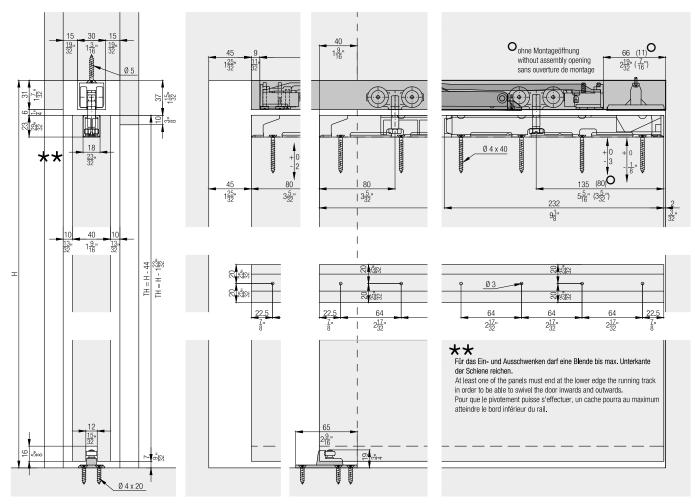
Example walls	System	Thickness of door leaf	Type of door leaf	Estimated sound attenuation effect
		:		Room to room
				Rw
Wall with minimum acoustic rating of Rw 52 dB	without Hawa Acoustics		Single door leaf without sealing system	≈ 18 dB
			Single door leaf, approx. 19 kg/m ² acoustic rating of Rw 29 dB	≈ 31 dB
Lightweight construction wall with metal stand	Hawa Porta 60 HMD Acoustics Hawa Porta 100 HMD Acoustics	39 mm	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 Rw 39 dB	≈ 34 dB
	Hawa Junior 100 B Acoustics		Single door leaf, approx. 20 kg/m ² acoustic rating of Rw 29 dB	≈ 30 dB
Lightweight construction wall with wooden stand	Hawa Porta 60 HMD Acoustics Hawa Porta 100 HMD Acoustics	44 mm	Door leaf with medium sound attenuation level approx. 28 kg/m ² , 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/m ² , acoustic rating of Rw 42 dB	≈ 35 dB
1 11 1	without Hawa Acoustics		Single door leaf without sealing system	≈ 20 dB
	Hawa Porta 60 HMT Pocket Acoustics	39 mm	Single door leaf, approx. 19 kg/m², acoustic rating of Rw 29 dB	≈ 31 dB
	Hawa Porta 100 HMT Pocket Acoustics		Door leaf with medium sound attenuation level approx. 25 kg/m ² , acoustic rating of Rw 39 dB	≈ 37 dB
Acoustic ratings for wall construction according to manufacturer. The	Hawa Junior 100 B Pocket Acoustics		Single door leaf, approx. 20 kg/m ² acoustic rating of Rw 29 dB	≈ 32 dB
acoustic values may vary if installed in different wall types.	Hawa Porta 60 HMT Pocket Acoustics Hawa Porta 100 HMT Pocket Acoustics	44 mm	Door leaf with medium sound attenuation level approx. 28 kg/m ² , 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.

Fitting for top-running wooden doors up to 60 kg (132 lbs.), with surface mounted running track or running track flush with the ceiling. Optionally with soft and self closing mechanism. Ceiling mounting. Wall pocket solution.



Installation examples



Set for ceiling mounting, for 1 wooden door up to 60 kg (132 lbs.)

Set for ceiling mounting, for 1 wooden door up to 60 kg (132 lbs.)

			No.		
	Hawa Porta 60 HMT Pocket, minimal installation height, for 1 door				
Set consisting	of:	057.3133.074	No.		
ESTO	Running gear, plain bearings, rollers plastic blue	2	057.3115.071		
55	Stopper, with retention spring, plastic, gray	2	057.3073.072		
G	Hexagon head screw, M8x36 mm (5/16"x1 13/32"), steel, zinc-plated	1	042.0165.101		
O	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		
A STATE	Running gear holder, plastic, anthracite	1	042.0167.001		
ALL TI	Running gear holder, plastic, anthracite	1	042.0174.001		
State of the second sec	Housing, steel, zinc-plated	1	042.0166.101		
	Housing, steel, zinc-plated	1	042.0166.102		
2ls	Countersunk head screw, 4x40 mm (5/32"x1 9/16"), steel, zinc-plated	8	766.5040.140		
	Bottom guide, with roller, adjustable, plastic, anthracite	1	057.3120.071		
2US	Countersunk head screw, 4x20 mm (5/32"x25/32"), steel, zinc-plated	4	766.5042.120		

No. Hawa Porta 60 HMT Pocket, with running track, 2000 mm (6' 6 3/4''), 057.3181.071 aluminum, anodized, for 1 door 057.3181.071 No. mm Set consisting of: (inch) Running gear, plain bearings, 2 057.3115.071 rollers plastic blue Stopper, with retention 1 057.3073.072 spring, plastic, gray Spring loaded buffer 1 27760 Hawa Porta 60/100 Hexagon head screw, M8x36 mm (5/16"x1 13/32"), 042.0165.101 1 steel, zinc-plated Head cap screw, M8x35 mm (5/16"x1 3/8"), 042.0175.001 1 steel, zinc-plated 1 600.0000.533 Cover cap, plastic, grey Ø Running gear holder, 1 042.0167.001 plastic, anthracite Running gear holder, 042.0174.001 1 plastic, anthracite Housing, steel, zinc-plated 1 042.0166.101 1 042.0166.102 Housing, steel, zinc-plated Countersunk head screw, 4x40 mm (5/32"x1 9/16"), 8 766.5040.140 steel, zinc-plated Bottom guide, with roller, adjustable, 1 057.3120.071 plastic, anthracite

Continued table on next page

Table continued from previous page

2IS	Countersunk head screw, 4x20 mm (5/32"x25/32"), steel, zinc-plated			766.5042.120
	Assembly pin, plastic, gray			057.0201.001
XI.S.	Countersunk head screw, 5x40 mm (3/16"x1 9/16"), steel, zinc-plated			766.3054.140
	Running track, aluminum, anodi- zed, pre-drilled	2,000 (6' 6 3/4 '')	1	057.3174.200

Running tracks

		mm (inch)	No.
		1,700 (5' 6 15/16'')	057.3016.170
		2,000 (6' 6 3/4 '')	057.3016.200
	Running track, aluminum, pre-drilled	2,500 (8' 2 7/16'')	057.3016.250
		6,000 (19' 8 7/32'')	057.3016.600
		cut to size	057.3016.990
		2,000 (6' 6 3/4 '')	057.3016.201
<u> </u>	Running track, aluminum, anodized, pre-drilled	2,500 (8' 2 7/16'')	057.3016.251
G		6,000 (19' 8 7/32'')	057.3016.601
		cut to size	057.3016.991
	Running track, with assembly opening,	2,500 (8' 2 7/16'')	057.3016.256
	aluminum, anodized, pre-drilled	cut to size	057.3016.998
		2,500 (8' 2 7/16'')	27668
	Running track, ceiling integration,	3,500 (11' 5 25/32'')	27667
	aluminum, anodized, pre-drilled	6,000 (19' 8 7/32'')	30326
		cut to size	27669
	Disposable cover to running track Hawa	2,000 (6' 6 3/4 '')	057.3098.001
	Porta 45/60/100, plastic, black		057.3098.990

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

Set consisting	of:	mm (inch)	057.3179.200	057.3179.250	057.3179.300	No.
	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
El S	Countersunk head screw, 5x40 mm (3/16"x1 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

Soft close

For soft closing in opening and closing direction order 2 sets.

			No.
	Soft close Hawa Porta 60/100, Divido 100, 10–60 kg (22-132 lbs.), 1 piece		042.3102.072
Set consisting	of:	042.3102.072	No.
100 million (100 m	Soft close, top running, 10–60 kg (22 to 132 lbs.), plastic	1	042.3106.072
- Colorest C	Trigger for soft close in buildings, zinc die casting	1	042.3105.001
2IS	Screw set soft close	1	600.0000.566

Cover for assembly opening

			No.
Cover cap to as	sembly opening, 1-piece set		042.3114.071
Set consisting	of:	042.3114.071	No.
	Cover cap assembly opening, plastic, gray	1	042.0172.001
SI >	Screw set soft close	1	600.0000.566

Screw set

		No.
Screw set for ceiling integration, +15 mm (+19/32")		057.3180.071
	3180.071	No.

Set consisting	057.3		
<u>G</u>	Hexagon screw, M8x51 mm (5/16"x2"), steel, zinc-plated	2	042.0165.103
0	Head cap screw, M8x50 mm (5/16"x1 31/32"), steel, zinc-plated	1	042.0175.002

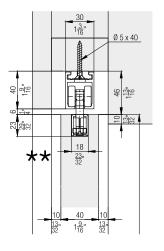
Bottom guide set for wall mounting

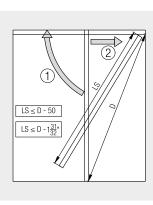
	No.
Set bottom guide for wall mounting, with roller	057.3128.171

Accessories

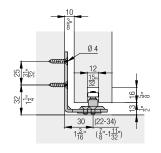
		No.
	Key for dismounting, steel, zinc-plated	042.3119.101
	Spring loaded buffer Hawa Porta 60/100	27760
	Routing jig for assembly opening	042.3118.071
	Groove cutter to routing jig, Ø= 10 mm (13/32"), hard metal	600.0000.309
50	Track cleaner, plastic, blue	057.3099.071

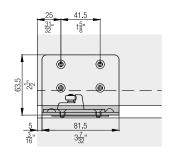
Assembly set/track installation Pocket





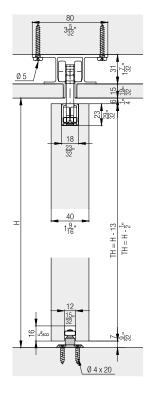
Wall mounting bottom guide

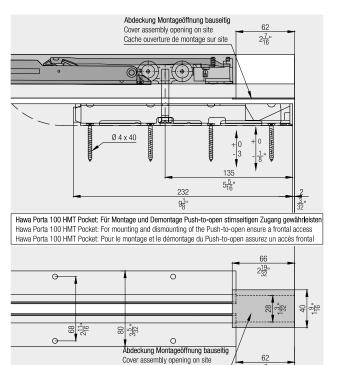




Ceiling integration

Recommendation: For systems integrated into the ceiling, provide assembly openings or front access to the system.



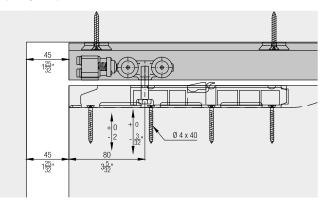


Cache ouverture de montage sur site

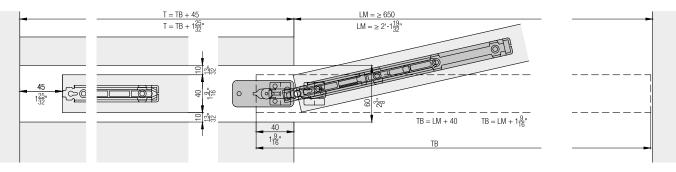
 $2\frac{7}{16}$

Hawa Porta 60 HMT Pocket

Spring stop



Calculations



Soft close

1

)	0					
		1	Z :	=	2		$ \ge 320 $ $ \ge 1^{-\frac{19}{32}} $ $ Z = \ge 535 $							
	0	1	2	0 2' 4 <u>3</u> "	1	2	-					≥ 1'-9		
Hawa Porta 60/100 H/HC Hawa Porta 60/100 HM/HMD/HMT	1' 6 <u>29</u> " 1' 6 <u>32</u> " 1' 6 <u>32</u> "	1' 9 <u>16</u> " 1' 9 <u>16</u> "	1' 11 <u>1</u> " 1' 11 <u>1</u> "	2' 4 <u>4</u> " 2' 4 <u>3</u> "	2' 6 <u>32</u> "	2' 9 <u>32</u> " 2' 9 <u>32</u> "			1	Z	=	2		Montageöffnung assembly opening ouverture de montage
Hawa Porta 100 G/GU/GM/GMT	1'6 <u>29</u> "	1' 9 <u>1</u> "	1' 114"	2' 4 <u>3</u> "	2' 6 <u>29</u> "	2' 9 <u>3</u> "	*	0	1	2	0	1	2	62
Hawa Porta 100 GF	1'6 <u>39</u> "	\geq	\mid	2' 4 <u>3</u> "	\geq	\geq	Hawa Porta 60/100 H/HC Hawa Porta 60/100 HM/HMD/HMT	480 480	535 535	590 590	730 730	785 785	840 840	2 <u>7</u> "
Hawa Porta 100 GW/GWF	1'8 <u>5</u> " 7	1' 9 <u>11</u> " 7	$1' 11\frac{1}{4}''$	2' 6"		2' 7 <u>3</u> "	Hawa Porta 100 G/GU/GM/GMT	480	535	590	730	785	840	33 33 35
Hawa Porta 100 GMD	1'7 <u>7</u> "	1' 9 <u>7</u> "	1' 11 <u>1</u> "	2' 5 <u>16</u> "	2' 7 <u>1</u> "	2' 7 <u>3</u> "	Hawa Porta 100 GF Hawa Porta 100 GW/GWF Hawa Porta 100 GMD	480 512 488	542 539	590 590	730 762 738	792 789	840 840	
Hawa Divido 100 H/HM/GR	1'6 <u>39</u> "	1' 9 <u>1</u> 6"	$1' 11\frac{1}{4}"$	2' 4 <u>3</u> "		2' 9 <u>3</u> "	Hawa Divido 100 H/HM/GR	400	535	590	730	785	840	
Hawa Divido 100 GRM	1'8 <u>5</u> "	1' 10 <u>31</u> "	1' 0 <u>1</u> "	2' 6"	2' 8 <u>5</u> "	2' 10 <u>32</u> "	Hawa Divido 100 GRM	512	567	622	762	817	872	۱ <u>∓</u>
Beidseltig gedämptfe Ausführungen ohne stim- seitigen Zugang erfordern zwei Montageöffnun, Versions with soft closing mechanism at both et without access from the leading edge require t assembly openings. Les versions avec amortissement bilatéral sans accès frontal exigent deux ouvertures de monta	gen. iides wo	-				≥ 570 ≥ 1'-10 $\frac{7}{16}$ " Z = ≥ 785 Z = ≥ 2'-6 $\frac{29}{32}$ "								

Accessories

- Lock solutions from page 511
- General accessories from page 518

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

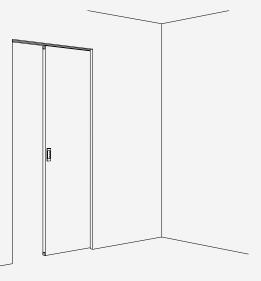
Fitting for top-running wooden doors up to 60 kg (132 lbs.), with surface mounted running track or running track flush with the ceiling. Sound attenuation. Ceiling mounting. Wall pocket solution.

Product highlights

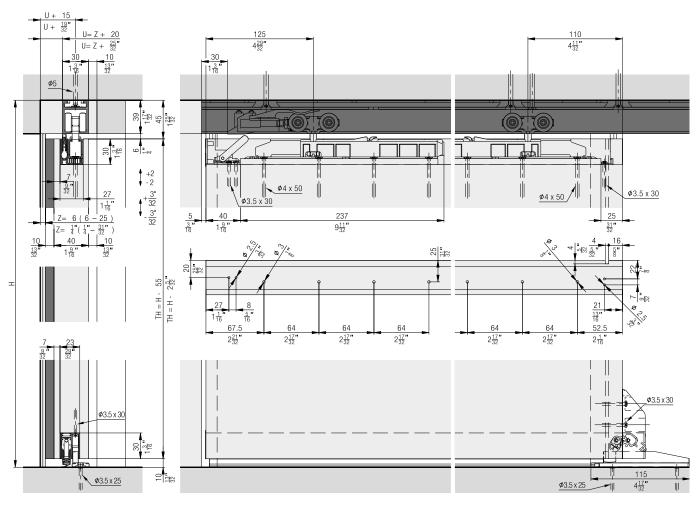
Ŷ	Comfort	Outstanding living comfort thanks to effective exclusion of sound, drafts, odors and unwanted light incidence
${\longleftrightarrow}$	Flexibility	Ceiling-integrated or surface-mounted pocket solutions possible
	Productivity	Door can be installed in pocket after construction is complete

Technical specifications

\triangle	Max.	60 kg (132 lbs.)
${\uparrow \brack}$	Max.	2500 mm (8' 2 7/16'')
$\stackrel{\leftarrow}{=}$		750–1250 mm (2' 5 17/32'' to 4' 1 7/32'') Inside clearance (LMB)
→[]←		39–45 mm (1 17/32'' to 1 25/32'')



Installation examples



Set for 1 wooden door up to 60 kg (132 lbs.)

			No.				No.
Hawa Porta 60 or 1 door	HMD/HMT Pocket Acoustics,		30431		Spring loaded buffer Hawa Porta 60/100		27760
		-	No.	Running tracks	;		
et consisting	of:	30431				mm (inch)	No.
COLO	Running gear, plain bearings, rollers, plastic, blue	2	057.3115.071			1,700 (5' 6 15/16'')	057.3016.1
	SoftStop Hawa Porta Acoustics, with retention	1	30472	/•//	Running track,	2,000 (6' 6 3/4 '') 2,500	057.3016.2
	spring, plastic, gray		00472		aluminum, pre-drilled	(8' 2 7/16'') 6,000	057.3016.2
1995	Stopper, with retention spring, plastic, gray	1	057.3073.072			(19' 8 7/32'') cut to	057.3016.6
						size 2,000	057.3016.9
(O)	Adapter for running gear, for SoftStop, plastic, gray	1	30218			(6' 6 3/4 '')	057.3016.2
	Pan head screw, M3x8 mm				Running track, aluminum, anodized, pre-drilled	2,500 (8' 2 7/16'')	057.3016.2
SU2	(1/8"x5/16")	1	30359			6,000 (19' 8 7/32'')	057.3016.6
F	Hexagon head screw, M8x36 mm (5/16"x1 13/32"), steel, zinc-plated	1	042.0165.101		Discontraction	cut to size	057.3016.9
I	Head cap screw, M8x35 mm (5/16"x1 3/8"), steel, zinc-plated	1	042.0175.001		Disposable cover to running track Hawa Divido 100 / Hawa Porta	2,000 (6' 6 3/4 '') cut to	057.3098.0
Ø	Cover cap, plastic, grey	1	600.0000.533	<i>~/</i>	45/60/100, plastic, black	size	057.3098.9
	Running gear holder, plastic, anthracite	2	042.0174.001	Components fo	or running tracks		
(ALL)							No.
	Housing, steel, zinc-plated	2	042.0166.102		Track cleaner, plastic, l	blue	057.3099.0
A CONSTRUCTION OF THE OWNER	Spacer, housing plastic anthracite	2	30361		Key for dismounting, st zinc-plated	teel,	042.3119.1
	Cover cap set, plastic, plastic, anthracite, 4-piece set	1	30484				
El D	Flat countersunk head chipboard screw, 4x50 mm (5/32"x1 31/32", steel, zinc-plated	8	30463				

Assembly set

						No.
Assembly set Ha 2000 mm (6' 6 3	057.3179.200					
Assembly set Ha 2500 mm (8' 2 7	057.3179.250					
Assembly set Ha 3000 mm (9' 10	057.3179.300					
Set consisting	mm (inch)	057.3179.200	057.3179.250	057.3179.300	No.	
	Running track, aluminum, anodized, pre-drilled	2,000 (6' 6 3/4 '')	1			057.3174.200
	Assembly p plastic, gra		9	11	13	057.0201.001
El S	Countersur screw, 5x40 (3/16"x1 9/1 steel, zinc-) mm 16"),	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

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

Sets right type (horizontal seal set)

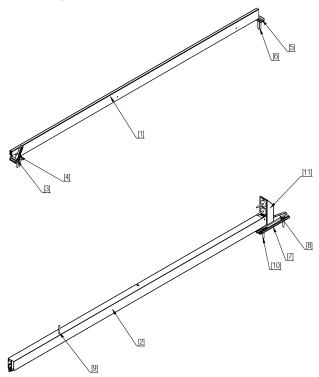
		No.
	Seal, Hawa Acoustics XS, right	30436
	Seal, Hawa Acoustics S, right	30438
	Seal, Hawa Acoustics M, right	30440
	Seal, Hawa Acoustics L, right	30442
	Seal, Hawa Acoustics XL, right	30444

Vertical seal for seal set, left, right set type

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

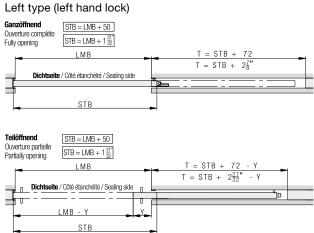
Hawa Acoustics horizontal seal set

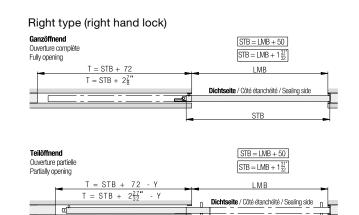
consisting of:



Position Position Position	Bezeichnung Désignation Designation	Anzahl Numéro Number	Тур Туре Туре			
1	Hubdichtung Joint de levage Header seal	1	Links/Rechts Gauche/Droite Left/Right			
			XS	30454	1	
			S	30385	1	
			М	30455	1	
			L	30456	1	
			XL	30457	1	
2 Senkdichtung Joint d'abaissement Floor seal		1	Links Gauche Left		Rechts Droite Right	
			XS	30446	XS	30447
			S	30387	S	30383
			М	30448	М	30449
			L	30450	L	30451
			XL	30452	XL	30453
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





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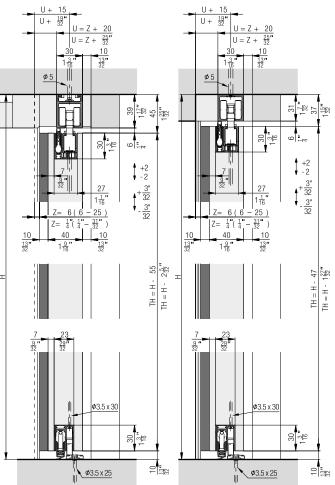
LMB - Y

STB

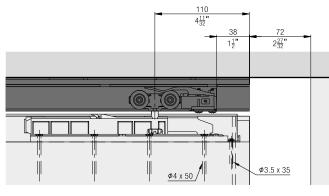
Acoustics set determination

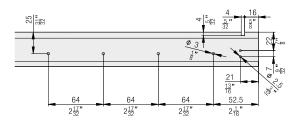
	LMB		
Hawa Acoustics XS	750 - 850		
Hawa Acoustics S	850 - 970		
Hawa Acoustics M	970 - 1100		
Hawa Acoustics L	1100 - 1220		
Hawa Acoustics XL	1220 -1250		
	LMB		
Hawa Acoustics XS	2' 5 ¹⁷ / ₃₂ - 2' 9 ¹⁵ / ₃₂		
Hawa Acoustics S	2' 9 15'' - 3' 2 3''		
Hawa Acoustics M	3' 2 $\frac{3''}{16}$ - 3' 7 $\frac{5''}{16}$		
Hawa Acoustics L	$3'7 \frac{5''}{16} - 4' \frac{1''}{32}$		
Hawa Acoustics XL	4' $\frac{1}{32}$ - 4' 1 $\frac{7}{32}$		

Further installation examples



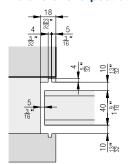
Pocket side view, assembly set



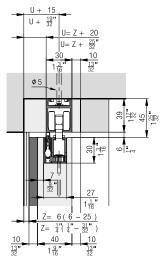


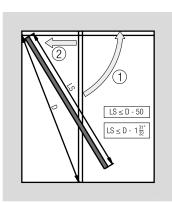


Details of end post at lock side

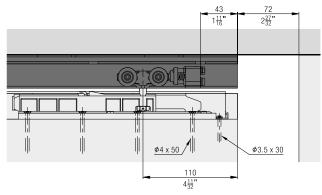


Assembly set/track installation Pocket

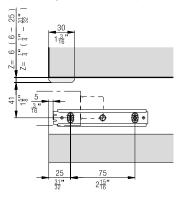




Spring stop



Bottom guide assembly detail



Room-to-room sound attenuation

All reference values have been measured on the basis of a practical design. The Rw 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 / Rw 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		Single door leaf without sealing system	≈ 18 dB
······g · · · · · · · · · ·			Single door leaf, approx. 19 kg/m ² acoustic rating of Rw 29 dB	≈ 31 dB
Lightweight construction wall with metal stand	Hawa Porta 60 HMD Acoustics Hawa Porta 100 HMD Acoustics	39 mm	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 Rw 39 dB	≈ 34 dB
· ·	Hawa Junior 100 B Acoustics	44 mm	Single door leaf, approx. 20 kg/m ² acoustic rating of Rw 29 dB	≈ 30 dB
Lightweight construction wall with wooden stand	Hawa Porta 60 HMD Acoustics Hawa Porta 100 HMD Acoustics		Door leaf with medium sound attenuation level approx. 28 kg/m ² , 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/m ² , acoustic rating of Rw 42 dB	≈ 35 dB
	without Hawa Acoustics		Single door leaf without sealing system	≈ 20 dB
	Hawa Porta 60 HMT Pocket Acoustics	 39 mm	Single door leaf, approx. 19 kg/m ² , acoustic rating of Rw 29 dB	≈ 31 dB
	Hawa Porta 100 HMT Pocket Acoustics		Door leaf with medium sound attenuation level approx. 25 kg/m ² , acoustic rating of Rw 39 dB	≈ 37 dB
Acoustic ratings for wall construction according to manufacturer. The	Hawa Junior 100 B Pocket Acoustics		Single door leaf, approx. 20 kg/m ² acoustic rating of Rw 29 dB	≈ 32 dB
acoustic values may vary if installed in different wall types.	Hawa Porta 60 HMT Pocket Acoustics Hawa Porta 100 HMT Pocket Acoustics	44 mm	Door leaf with medium sound attenuation level approx. 28 kg/m ² , 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.

Fitting for top-running wooden doors up to 100 kg (220 lbs.), with surface mounted running track. Optionally with soft and self closing mechanism. Wall or ceiling mounting.

Pro	duct highlights					
$\langle \rangle$	Flexibility	Ceiling mounting with customer-provided panelling or integrated clip-on panel in aluminium or wood				
	Productivity	Retrofitting of all components through the provided assembly opening, prevents contamination during construction work				
٢	Aesthetics	Also available in black as a "Black Edition" design option for a particularly attractive appearance				
Tec	Technical specifications					
\triangle	Max.	100 kg (220 lbs.)				
${}^{\uparrow}_{\downarrow}$	Max.	2700 mm (8'10 5/16'')				

1600 mm (5'3'')

30-80 mm (1 3/16" to 3 5/32")

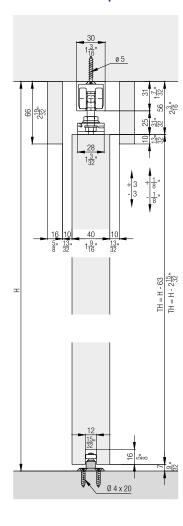


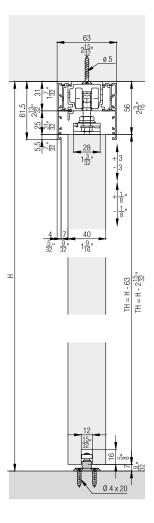
Installation examples

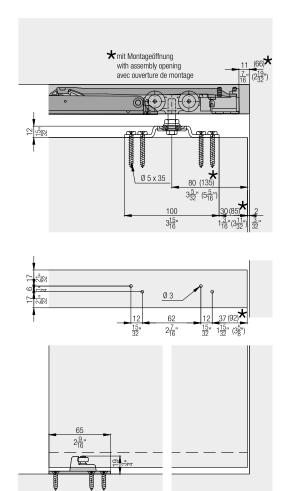
Max.

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057.3141.071

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No.

057.3141.071

No.

057.3114.071

057.3073.072

057.0123.104

768.9005.101

057.3129.101

766.6051.135

057.3120.071

766.5042.120

057.3099.071

057.3016.201

Set for ceiling or wall mounting, for 1 wooden door up to 100 kg (220 lbs.)

Set for ceiling or wall mounting, for 1 wooden door up to 100 kg (220 lbs.)

				Nia		
Hawa Porta /Div	ido 100 H/HC for 1 door			No. 057.3139.071	Hawa Porta 100 H, with running track, 2000	mm
Hawa Porta 100 H/HC, black, for 1 door		vivido 100 H/HC, for 1 door		057.3139.071	(6' 6 3/4''), aluminum, anodized, for 1 door	nm
Set consisting		057.3139.071	057.3139.075	No.	mm Set consisting of: (inch)	067 3141 074
EFO	Running gear, ball bearing, rollers plastic white	2	2	057.3114.071	Running gear, ball bearing, rollers plastic white	2
Contraction of the second seco	Stopper, with retention spring, plastic, gray	2		057.3073.072	Stopper, with retention spring, plastic, gray	2
a contraction of the second se	Suspension bolt, M8x32 mm (5/16"x1 1/4"), steel, zinc-plated	2	2	057.0123.104	Suspension bolt, M8x32 mm (5/16"x1 1/4"), steel, zinc-plated	2
8	Hexagon locking nut, M8, steel, zinc-plated	2	2	768.9005.101	Image: Base of the second se	2
	Support bracket, height and lateral adjustable, steel, zinc-plated	2	2	057.3129.101	Support bracket, height and lateral adjust- able, steel, zinc-plated	2
	Pan head screw, 5x35 mm (3/16"x1 3/8"), steel, zinc-plated	8	8	766.6051.135	Pan head screw, 5x35 mm (3/16"x1 3/8"), steel, zinc-plated	8
	Bottom guide, with roller, adjustable, plastic, anthracite	1	1	057.3120.071	Bottom guide, with roller, adjustable, plastic, anthracite	1
	Countersunk head screw, 4x20 mm (5/32"x25/32"), steel, zinc-plated	4		766.5042.120	Countersunk head screw, 4x20 mm (5/32"x25/32"), steel, zinc-plated	4
1 Sar	Stopper, with retention spring, plastic, black		2	057.3073.076	Track cleaner, plastic, blue	1
	Countersunk head screw, 4x20 mm, steel, zinc-plated		4	600.0000.817	Running track, aluminum, anodi- zed, pre-drilled	



Running tracks

		mm (inch)	No.
		1,700 (5' 6 15/16'')	057.3016.170
		2,000 (6' 6 3/4 '')	057.3016.200
	Running track, aluminum, pre-drilled	2,500 (8' 2 7/16'')	057.3016.250
		6,000 (19' 8 7/32'')	057.3016.600
		cut to size	057.3016.990
		2,000 (6' 6 3/4 '')	057.3016.201
	Running track,	2,500 (8' 2 7/16'')	057.3016.251
Q.	aluminum, anodized, pre-drilled	6,000 (19' 8 7/32'')	057.3016.601
			057.3016.991
	Running track, with assembly opening,	2,500 (8' 2 7/16'')	057.3016.256
	aluminum, anodized, pre-drilled	cut to size	057.3016.998
	Combi running track, aluminum, pre-drilled	1,700 (5' 6 15/16'')	057.3048.170
		2,000 (6' 6 3/4 '')	057.3048.200
		2,500 (8' 2 7/16'')	057.3048.250
		3,500 (11' 5 25/32'')	057.3048.350
A CONTRACTOR		6,000 (19' 8 7/32'')	057.3048.600
		cut to size	057.3048.990
	Combi running track, aluminum, black	2,500 (8' 2 7/16'')	057.3048.255
	anodized, pre-drilled	3,500 (11' 5 25/32'')	057.3048.355
	Disposable cover to running track Hawa	2,000 (6' 6 3/4 '')	057.3098.001
	Porta 45/60/100, plastic, black	cut to size	057.3098.990

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

П

Set consisting	of:	mm (inch)	057.3179.200	057.3179.250	057.3179.300	No.
	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
2ls	Countersunk head screw, 5x40 mm (3/16"x1 9/16"), steel, zinc-plated			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

Panels

		mm (inch)	No.
		2,500 (8' 2 7/16'')	042.3004.250
	Clip-on panel, aluminum, anodized	3,500 (11' 5 25/32'')	042.3004.350
		6,000 (19' 8 7/32'')	042.3004.600
		cut to size	042.3004.990
	Clip-on panel,	2,500 (8' 2 7/16'')	042.3004.255
	aluminum, black anodized	3,500 (11' 5 25/32'')	042.3004.355

Clip-on components

		No.
	Clip component for wooden and aluminum panel, every 500 mm (1'7 11/16''), aluminium, pre-drilled	057.3117.001
Ę.	Clip component for wooden and aluminum panel, every 500 mm (1'7 11/16''), aluminum, black anodized, pre-drilled	057.3117.005

Soft close

For soft closing in opening and closing direction order 2 sets.

	No.
Soft close Hawa Porta 100, Divido 100, 61–100 kg (133–220 lbs.), 1 piece	042.3102.071
Soft close Hawa Porta 60/100, Divido 100, 10-60 kg (22-132 lbs.), 1 piece	042.3102.072

Set consisting	of:	042.3102.071	042.3102.072	No.
a contraction of the second se	Soft close, top running, 61–100 kg (133 to 220 lbs.), plastic	1		042.3106.071
450	Trigger for soft close in buildings, zinc die casting	1	1	042.3105.001
24 Do	Screw set soft close	1	1	600.0000.566
Strate Do	Soft close, top running, 10–60 kg (22 to 132 lbs.), plastic		1	042.3106.072

Cover for assembly opening

	No.		
Cover cap to as	042.3114.071		
Set consisting	042.3114.071	No.	
	Cover cap assembly opening, plastic, gray	1	042.0172.001
SI S	Screw set soft close	1	600.0000.566

Bracket set for wall mounting

			No.			
U	Angle bracket for wall mounting, steel, zinc-plated, 10-piece set					
Set consisting	057.3005.172	No.				
	Wall mounting angle bracket, steel, zinc-plated	10	057.0169.101			
2US	Countersunk head screw, M5x12 mm (3/16"x15/32"), steel, zinc-plated	10	762.5008.100			
8869 8069	Hexagon nut, M5, steel, zinc-plated	10	768.9025.100			

Bottom guide set for wall mounting

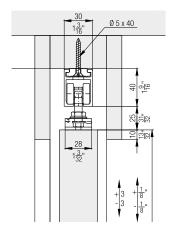
	No.	
Set bottom guide for wall mounting, with roller	057.3128.171	

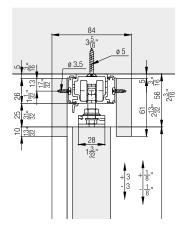
Accessories

		No.
· \$	Routing jig for assembly opening	042.3118.071
	Groove cutter to routing jig, Ø= 10 mm (13/32"), hard metal	600.0000.309
and the second s	Track cleaner, plastic, blue	057.3099.071

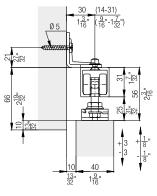


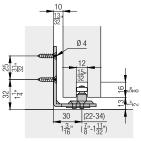
Assembly set/Wooden panel

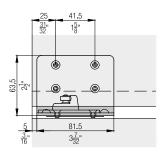




Optional: Wall mounting







Soft close

)) - =				ŕ			
			Z	=						≥ 3; ≥ 1'-					
		1		2						21.		Z = ≥ 53	35		
*	0	1	2	0	1	2	4					= ≥ 1'-			
Hawa Porta 60/100 H/HC	1' 6 <u>29</u> "	1' 9 <u>1</u> "	1' 11 <u>1</u> "	2' 4 <u>3</u> "	2' 6 <u>29</u> "	2' 9 <u>3</u> "				7 :					
Hawa Porta 60/100 HM/HMD/HMT	1' 6 <u>29</u> "	1'9 <u>1</u> "	1' 11 <u>1</u> "	2' 4 <u>3</u> "	2' 6 <u>29</u> "	2' 9 <u>3</u> "			1	:	=	2		Montageöffnung assembly opening	
Hawa Porta 100 G/GU/GM/GMT	1' 6 <u>29</u> "	1' 9 <u>1</u> "	1' 11 <u>1</u> "	2' 4 <u>3</u> "	2' 6 <u>29</u> "	2' 9 <u>3</u> "	*	0	1	2	0	1	2	ouverture de montage	
Hawa Porta 100 GF	1' 6 <u>29</u> "	\boxtimes	\boxtimes	2' 4 <u>3</u> "	\succ	\mathbb{X}	Hawa Porta 60/100 H/HC Hawa Porta 60/100 HM/HMD/HMT	480 480		590 590	730 730	785 785	840 840	$\frac{62}{2\frac{7}{16}}$	t "1
Hawa Porta 100 GW/GWF	1' 8 <u>5</u> "	1' 9 <u>11</u> "	$1' 11\frac{1}{4}"$	2' 6"	2' 6 <u>29</u> "	2' 7 <u>3</u> "	Hawa Porta 100 G/GU/GM/GMT	480	++	590	730	785	840	<u>02</u> II	Ħ.
Hawa Porta 100 GMD	1' 7 <u>7</u> "	1'9 <u>7</u> "	$1' 11\frac{1}{4}"$	2' 5 <u>1</u> "	2' 7 <u>1</u> "	2' 7 <u>3</u> "	Hawa Porta 100 GF Hawa Porta 100 GW/GWF	480	\bowtie	590	730	792	840		33 ⁻¹ -22
Hawa Divido 100 H/HM/GR	1' 6 <u>29</u> "	1' 9 <u>1</u> "	1' 11 <u>1</u> "	2' 4 <u>3</u> "	2' 6 <u>29</u> "	2' 9 <u>3</u> "	Hawa Porta 100 GMD	488		590	738	789	840	2 2 32	1
Hawa Divido 100 GRM	1' 8 <u>5</u> "	1' 10 <u>11</u> "	1'0 <u>1</u> "	2' 6"	2' 8 <u>5</u> "	2' 10 <u>11</u> "	Hawa Divido 100 H/HM/GR Hawa Divido 100 GRM	480 512		590 622	730 762	785 817	840 872		+
		~			0	•)0 -	0			ŝ			Å
idseitig gedämpfte Ausführungen ohne stirn- itigen Zugang erfordern zwei Montageöffnun							≥ 570								
ersions with soft closing mechanism at both des without access from the leading edge quire two assembly openings.							≥ 1'-10 7	Z	= ≥ 840						
s versions avec amortissement bilatéral sans cès frontal exigent deux ouvertures de monta								Z =	$\geq 2' - 9\frac{1}{16}"$						

Accessories

- Lock solutions from page 511

- General accessories from page 518

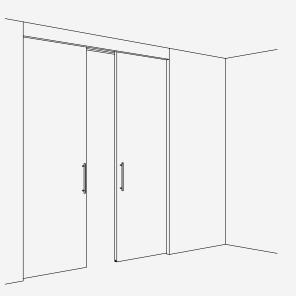
Planning/execution Further information about the product can be found on www.hawa.com.

Fitting for 2 synchronously opening wooden doors up to 100 kg (220 lbs.), with surface mounted running track. Wall or ceiling mounting.

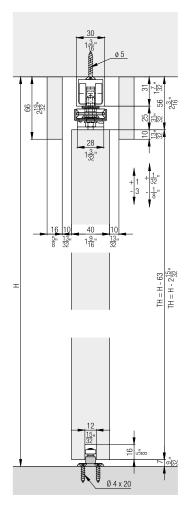
Proc	duct highlights	
$\langle \gamma \rangle$	Flexibility	Standard applications can be extended with the Synchro option
쇼	Comfort	Two doors open simultaneously and make large openings possible
٢	Aesthetics	Also available in black as a "Black Edition" design option for a particularly attractive appearance

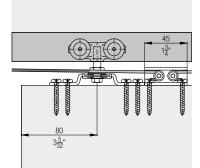
Technical specifications

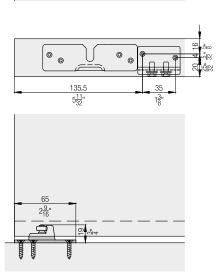
\triangle	Max.	100 kg (220 lbs.)
$\stackrel{\wedge}{\downarrow}$	Max.	2700 mm (8'10 5/16'')
$\stackrel{\leftarrow}{=}$	Max.	1200 mm (3'11 1/4'')
$\rightarrow \left] \leftarrow \right.$	30-	-80 mm (1 3/16'' to 3 5/32'')

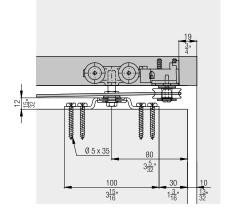


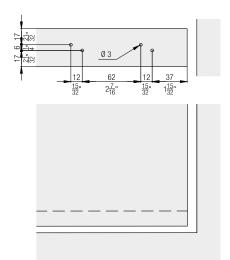
Installation examples











Set for ceiling mounting,

for 1 wooden door up to 100 kg (220 lbs.) (order 2x)

Synchro set

	No.				
Hawa Porta/Div	057.3139.071				
Hawa Porta 100	057.3139.075				
Set consisting	Set consisting of:				
EFO	Running gear, ball bearing, rollers plastic white	2	2	057.3114.071	
and the second s	Stopper, with retention spring, plastic, gray	2		057.3073.072	
0	Suspension bolt, M8x32 mm (5/16"x1 1/4"), steel, zinc-plated	2	2	057.0123.104	
8	Hexagon locking nut, M8, steel, zinc-plated	2	2	768.9005.101	
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Support bracket, height and lateral adjustable, steel, zinc-plated	2	2	057.3129.101	
2US	Pan head screw, 5x35 mm (3/16"x1 3/8"), steel, zinc-plated	8	8	766.6051.135	
C C C C C C C C C C C C C C C C C C C	Bottom guide, with roller, adjustable, plastic, anthracite	1	1	057.3120.071	
<u> II</u> S	Countersunk head screw, 4x20 mm (5/32"x25/32"), steel, zinc-plated	4		766.5042.120	
Contraction of the second seco	Stopper, with retention spring, plastic, black		2	057.3073.076	
212	Countersunk head screw, 4x20 mm, steel, zinc-plated		4	600.0000.817	

	Hawa Porta 60/100 H/HC and Hawa Divido 100 H, Synchro, for 2 doors								
Set consisting	of:	042.3027.072	No.						
٢	Deviating roller, ball bearing	2	055.0101.001						
(ep	Cable safety, steel, zinc-plated	2	056.0124.101						
0000	Clamp piece, steel, zinc-plated	2	057.0113.101						
	Kevlar cable, D= 2.5 mm (3/32")	1	752.0059.104						
$\bigcirc$	Flat washer, M5, 5.3/15/2 mm (3/16"/19/32"/3/32"), steel, zinc-plated	2	600.0000.681						
2US	Rounded head screw, 5x25 mm (3/16"x31/32"), steel, zinc-plated	2	762.9455.000						
2US	Head cap screw, with flange, M5x10 mm (3/16"x13/32"), steel, zinc-plated	4	762.9365.000						
2ls	Pan head screw, 5x35 mm (3/16"x1 3/8"), steel, zinc-plated	4	766.6051.135						

### **Running tracks**

		mm (inch)	No.
		<b>1,700</b> (5' 6 15/16'')	057.3016.170
		2,000 (6' 6 3/4 '')	057.3016.200
	Running track, aluminum, pre-drilled	2,500 (8' 2 7/16'')	057.3016.250
et~		6,000 (19' 8 7/32'')	057.3016.600
		cut to size	057.3016.990
		2,000 (6' 6 3/4 '')	057.3016.201
~	Running track, aluminum, anodized,	2,500 (8' 2 7/16'')	057.3016.251
Q.	pre-drilled	6,000 (19' 8 7/32'')	057.3016.601
		cut to size	057.3016.991
	Running track, with assembly opening,	2,500 (8' 2 7/16'')	057.3016.256
5	aluminum, anodized, pre-drilled	cut to size	057.3016.998
		<b>1,700</b> (5' 6 15/16'')	057.3048.170
		2,000 (6' 6 3/4 '')	057.3048.200
	Combi running track,	2,500 (8' 2 7/16'')	057.3048.250
	aluminum, pre-drilled	<b>3,500</b> (11' 5 25/32'')	057.3048.350
A S		6,000 (19' 8 7/32'')	057.3048.600
		cut to size	057.3048.990
	Combi running track, aluminum, black	2,500 (8' 2 7/16'')	057.3048.255
	anodized, pre-drilled	3,500 (11' 5 25/32'')	057.3048.355
	Disposable cover to running track Hawa	2,000 (6' 6 3/4 '')	057.3098.001
	Porta 45/60/100, plastic, black	cut to size	057.3098.990

### Assembly set

Assembly set H 2000 mm (6' 6 3	057.3179.200									
Assembly set H 2500 mm (8' 2 7		0/100,				057.3179.250				
Assembly set Ha 3000 mm (9' 10		0/100,				057.3179.300				
Set consisting	mm (inch)	057.3179.200	057.3179.250	057.3179.300	No.					
	Running track, aluminum, anodized, pre-drilled	2,000 (6' 6 3/4 '')	1			057.3174.200				
	Assembly p plastic, gra		9	11	13	057.0201.001				
XI S	Countersur screw, 5x40 (3/16"x1 9/- steel, zinc-	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				

### Panels

		mm (inch)	No.
	Clip-on panel, aluminum, anodized	2,500 (8' 2 7/16'')	042.3004.250
		<b>3,500</b> (11' 5 25/32'')	042.3004.350
		6,000 (19' 8 7/32'')	042.3004.600
		cut to size	042.3004.990
	Clip-on panel, alu- minum, black anodized	2,500 (8' 2 7/16'')	042.3004.255
		<b>3,500</b> (11' 5 25/32'')	042.3004.355



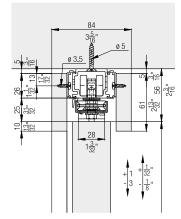
### **Clip-on components**

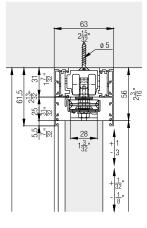
		No.
	Clip component for wooden and aluminum panel, every 500 mm (1'7 11/16''), aluminium, pre-drilled	057.3117.001
Ę.	Clip component for wooden and aluminum panel, every 500 mm (1'7 11/16''), aluminum, black anodized, pre-drilled	057.3117.005

### Accessories

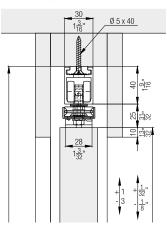
		No.
and the second s	Track cleaner, plastic, blue	057.3099.071

### Wooden panel/aluminum panel

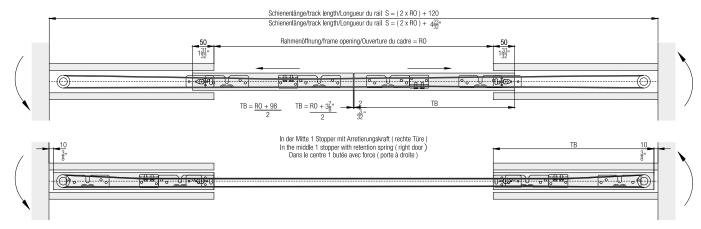




### Assembly set



### Calculations



### Accessories

- Lock solutions from page 511

- General accessories from page 518

**Planning/execution** Further information about the product can be found on www.hawa.com.

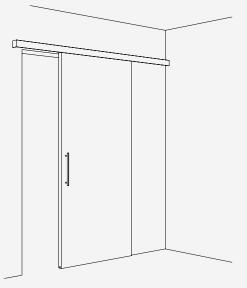
## Fitting for top-running wooden doors up to 100 kg (220 lbs.), with surface mounted running track. Optionally with soft and self closing mechanism. Wall mounting.

### Product highlights

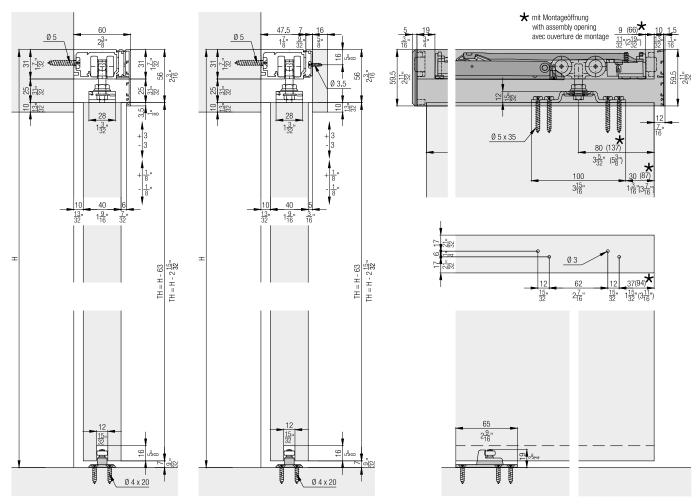
$\langle \rangle$	Flexibility	Wall mounting with integrated clip-on panelling in wood or aluminium with stylish end pieces
	Productivity	Retrofitting of all components through the provided assembly opening, prevents contamination during construction
٢	Aesthetics	Also available in black as a "Black Edition" design option for a particularly attractive appearance

### **Technical specifications**

$\widehat{\mathbb{N}}$	Max.	100 kg (220 lbs.)
$\stackrel{\wedge}{\downarrow}$	Max.	2700 mm (8' 10 5/16'')
$\stackrel{\leftarrow}{=}$	Max.	1600 mm (5' 3'')
$\rightarrow \left[ \left] \leftarrow \right.$		30–45 mm (1 3/16'' to 1 25/32'')



### Installation examples





### Set for wall mounting,

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

### Set for wall mounting,

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

				No.
Hawa Porta/Divido 100 H/HC, for 1 door			057.3139.071	
Hawa Porta 100 H/HC, black, for 1 door			057.3139.075	
Set consisting	of:	057.3139.071	057.3139.075	No.
EFO	Running gear, ball bearing, rollers, plastic, white	2	2	057.3114.071
a dan	Stopper, with retention spring, plastic, gray	2		057.3073.072
0	Suspension bolt, M8x32 mm (5/16"x1 1/4"), steel, zinc-plated	2	2	057.0123.104
8	Hexagon locking nut, M8, steel, zinc-plated	2	2	768.9005.101
	Support bracket, height and lateral adjustable, steel, zinc-plated	2	2	057.3129.101
	Pan head screw, 5x35 mm (3/16"x1 3/8"), steel, zinc-plated	8	8	766.6051.135
	Bottom guide, with roller, adjustable, plastic, anthracite	1	1	057.3120.071
	Countersunk head screw, 4x20 mm (5/32"x25/32"), steel, zinc-plated	4		766.5042.120
A Sand	Stopper, with retention spring, plastic, black		2	057.3073.076
N.S.	Countersunk head screw, 4x20 mm (5/32"x25/32"), steel, zinc-plated		4	600.0000.817

No.				
Hawa Porta 100 HC, with running track and panel, 2000 mm (6' 6 3/4''), aluminum, anodized, for 1 door				057.3143.071
Set consisting	of:	mm (inch)	057.3143.071	No.
EFO	Running gear, ball bearing, rollers plastic, white	Э,	2	057.3114.071
and the second s	Stopper, with reten spring, plastic, gra		2	057.3073.072
Ø	Suspension bolt, M8x32 mm (5/16"x steel, zinc-plated	1 1/4"),	2	057.0123.104
8	Hexagon locking n M8, steel, zinc-plat		2	768.9005.101
	Support bracket, h and lateral adjustal zinc-plated		2	057.3129.101
2US	Pan head screw, 5x35 mm (3/16"x1 3/8"), steel, zinc-plated		8	766.6051.135
	Bottom guide, with roller, adjustal plastic, anthracite	ole,	1	057.3120.071
S.I.S	Countersunk head 4x20 mm (5/32"x25 steel, zinc-plated		4	766.5042.120
	End cap, plastic, a	nthracite	1	057.3132.071
	Fixation clip for wo aluminum panel, 2-		1	057.3126.071
·	Clip component for wooden and aluminum panel, every 500 mm (1' 7 11/16"), aluminum, pre-drilled		5	057.3117.001
	Track cleaner, plastic, blue		1	057.3099.071
	Single running track, aluminum, anodized, pre-drilled	2,000 (6' 6 3/4 '')	1	057.3112.199
	Clip-on panel, aluminum, anodized	2,000 (6' 6 3/4 '')	1	042.3004.199

Г

### **Running tracks**

		mm (inch)	No.
		2,500 (8' 2 7/16'')	057.3112.250
	Running track, aluminum, anodized,	<b>3,500</b> (11' 5 25/32'')	057.3112.350
	pre-drilled	6,000 (19' 8 7/32'')	057.3112.600
		cut to size	057.3112.990
	Running track, aluminum,	2,500 (8' 2 7/16'')	057.3112.255
	black anodized, pre-drilled	<b>3,500</b> (11' 5 25/32'')	057.3112.355
	Running track, extended spacing of +9 mm (11/32'') between door and wall, aluminum, anodized, pre-drilled	2,500 (8' 2 7/16'')	30617
		6,000 (19' 8 7/32'')	30618
		cut to size	30668
	Running track, extended spacing of +20 mm (25/32'') between door and	2,500 (8' 2 7/16'')	30619
		6,000 (19' 8 7/32'')	30620
	wall, aluminum, anodized, pre-drilled	cut to size	30669

### Fixing clamp for the end pieces of wooden or aluminum panels

			No.
Fixation clip for 2-piece set	wooden and aluminum panel,		057.3126.071
Set consisting	of:	057.3126.071	No.
A.	Fixation clip for wooden and aluminum panel, steel, zinc-plated	2	057.3126.101

### Panel end component set, 59 mm (2 5/16"), aluminum, for running track 057.3112.xxx

	No.
Panel end component set, with fixation clip, 59x60 mm (2 5/16x2 3/8"), aluminum, black anodized	042.3028.056
Panel end component set, with fixation clip, 59x60 mm (2 5/16x2 3/8"), aluminum, anodized	042.3028.076

Set consisting	of:	042.3028.056	042.3028.076	No.
	Panel end component, 59 mm (2 5/16"), aluminum, black anodized	1		042.3028.956
0	Bracker connector, steel, zinc-plated	2	2	057.3051.101
A	Fixation clip for wooden and aluminum panel, steel, zinc-plated	1	1	057.3126.101
۲	Screw, M4x2.6 mm (5/32"x 1/8"), steel, zinc-plated	4	4	011.0101.171
	Panel end component, 59 mm (2 5/16"), aluminum, anodized		1	042.3028.906

### Panels

	mm (inch)	No.
Clip-on panel, aluminum, anodized Clip-on panel, alu- minum, black anodized	2,500 (8' 2 7/16'')	042.3004.250
	3,500 (11' 5 25/32'')	042.3004.350
	6,000 (19' 8 7/32'')	042.3004.600
	cut to size	042.3004.990
	2,500 (8' 2 7/16'')	042.3004.255
	<b>3,500</b> (11' 5 25/32'')	042.3004.355

#### **Clip-on components**

		No.
<i>.</i>	Clip component for wooden and aluminum panel, every 500 mm (1' 7 11/16''), aluminum, pre-drilled	057.3117.001
Ę.	Clip component for wooden and aluminum panel, every 500 mm (1' 7 11/16''), aluminum, black anodized, pre-drilled	057.3117.005

### Panel end component set, 79 mm (3 1/8"), can be shortened, aluminum, for running track 30617, 30618, 30619, 30620, 30668, 30669

			No.
	oonent set, with fixation clip, 3x2 3/8''), aluminum, anodized		30593
Set consisting	of:	30593	No.
	Panel end component, 79 mm (3 1/8"), aluminum, anodized	1	30590
	Bracker connector, steel, zinc-plated	2	057.3051.101
	Fixation clip for wooden and aluminum panel, steel, zinc-plated	1	057.3126.101
٢	Screw, M4x2.6 mm (5/32"x 1/8"), steel, zinc-plated	4	011.0101.171

### End cap set for running track 057.3112.xxx

			No.
End cap set, wit	th fixation clip, plastic, anthraci	te	057.3132.072
Set consisting of:		No.	
	End cap, plastic, anthracite	1	057.3132.071
	Fixation clip for wooden and aluminum panel, steel, zinc-plated	2	057.3126.101

### Soft close

For soft closing in opening and closing direction order 2 sets.

				No.
Soft close Hawa Porta 100, Divido 100, 61–100 kg (133 to 220 lbs.), 1 piece		042.3102.071		
	Porta 60/100, Divido 100, 132 lbs.), 1 piece			042.3102.072
Set consisting	of:	042.3102.071	042.3102.072	No.
and the second s	Soft close, top running, 61-100 kg (133 to 220 lbs.), plastic	1		042.3106.071
	Trigger for soft close in buildings, zinc die casting	1	1	042.3105.001
2IS	Screw set soft close	1	1	600.0000.566
	Soft close, top running, 10-60 kg (22 to 132 lbs.), plastic		1	042.3106.072

### Cover for assembly opening

			No.
Cover cap to as	sembly opening, 1-piece set		042.3114.071
Set consisting of:		042.3114.071	No.
	Cover cap assembly opening, plastic, gray	1	042.0172.001
24S	Screw set soft close	1	600.0000.566

### Bottom guide set for wall mounting

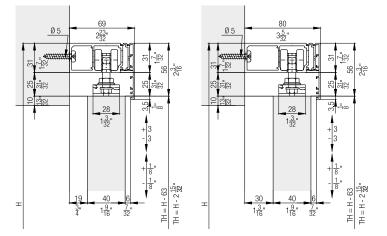
	No.
Set bottom guide for wall mounting, with roller	057.3128.171

#### Accessories

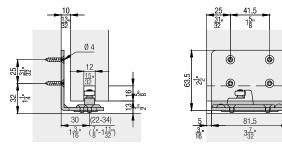
		No.
•	Routing jig for assembly opening	042.3118.071
	Groove cutter to routing jig, Ø= 10 mm (13/32"), hard metal	600.0000.309
	Track cleaner, plastic, blue	057.3099.071

### Further installation examples

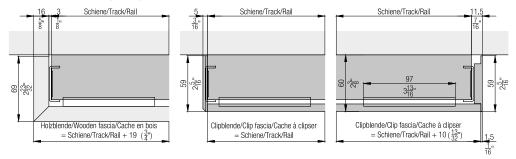
Wall mounting rails with extended spacing of +9 mm/+20 mm (11/32"/25/32") between door and wall.



### Optional: Wall bracket bottom guide



### **Calculations of clip-on panels**





### Soft close

									<u>t</u> (	)	>			ŕ			ØP	
			Z	=								≥ 3 ≥ 1'				-	4	
		1		2								21		Z = ≥ 5	35			
*	0	1	2	0	1	2		4						<u></u>				
Hawa Porta 60/100 H/HC	1' 6 <u>39</u> "	1' 9 <u>1</u> "	$1' 11\frac{1}{4}"$	2' 4 <u>3</u> "	2' 6 <u>29</u> "	2' 9 <u>3</u> "						7	_			★ Mor		
Hawa Porta 60/100 HM/HMD/HMT	1' 6 <u>39</u> "	1' 9 <u>1</u> "	$1' 11\frac{1}{4}''$	2' 4 <u>3</u> "	2' 6 <u>29</u> "	2' 9 <u>3</u> "	æ				1		=	2		asse	tageöffnung embly opening	
Hawa Porta 100 G/GU/GM/GMT	1' 6 <u>29</u> "	1' 9 <u>1</u> "	1' 11 <u>1</u> "	2' 4 <u>3</u> "	2' 6 <u>29</u> "	2' 9 <u>3</u> "	*			0	1	2	0	1	2	ouv	erture de mont 62	age
Hawa Porta 100 GF	1' 6 <u>29</u> "	$\boxtimes$	$\square$	2' 4 <u>3</u> "	$\boxtimes$	$\mathbb{X}$		Porta 60/100 H/ Porta 60/100 HM		480 480	535 535	590 590	730 730	785 785	840 840		2 <u>7</u> 16"	
Hawa Porta 100 GW/GWF	1' 8 <u>5</u> "	1' 9 <u>11</u> "	1' 11 <u>1</u> "	2' 6"	2' 6 <u>29</u> "	2' 7 <u>3</u> "		Porta 100 G/GU/		480	535	590	730	785	840		02	
Hawa Porta 100 GMD	1' 7 <u>7</u> "	1' 9 <u>7</u> "	$1' 11\frac{1}{4}"$	2' 5 <u>1</u> "	2' 7 <u>1</u> "	2' 7 <u>3</u> "		Porta 100 GF Porta 100 GW/G	WE	480 512	542	590	730 762	792	840	—-y		31
Hawa Divido 100 H/HM/GR	1' 6 <u>29</u> "	1' 9 <u>1</u> "	1' 11 <u>1</u> "	2' 4 <u>3</u> "	2' 6 <u>29</u> "	2' 9 <u>3</u> "		Porta 100 GMD		488	539	590	738	789	840	197 mg	. I f	32 "
Hawa Divido 100 GRM	1' 8 <u>5</u> "	1' 10 <u>11</u> "	1' 0 <u>1</u> "	2' 6"	2' 8 <u>5</u> "	2' 10 <u>11</u> "		Divido 100 H/HM Divido 100 GRM	I/GR	480 512	535 567	590 622	730 762	785 817	840 872	- 1.40	1	1" 4
	_			ПØ	0	0				)	>			ŝ			OF	
idseitig gedämpfte Ausführungen ohne stirn- itigen Zugang erfordern zwei Montageöffnun									≥ 570									
rsions with soft closing mechanism at both les without access from the leading edge									≥ 1'-10 <u>7</u>	7	- > 84(	)						
quire two assembly openings. s versions avec amortissement bilatéral sans	-			$Z = \ge 840$ $Z = \ge 2' \cdot 9\frac{1}{6}"$														

### Soft close

≥ 2 ⁷ / ₁₆ "	1			-						0		≥	320				≥ 2 <u>7</u>
		1	-	2 ≥ 1'- ¹⁹ / ₃₂ "													
*	0	1	2	0	1	2		-							$\geq 1' - 6\frac{2!}{3}$	9"	-
Hawa Porta 60/100 H/HC	1'6 <u>29</u> "	1'9 <u>1</u> "	$1' 11\frac{1}{4}"$	2' 4 <u>3</u> "	2' 6 <u>29</u> "	2' 9 <u>3</u> "							<u>Z</u> =			-	
Hawa Porta 60/100 HM/HMD/HMT	1' 6 <u>29</u> "	1' 9 <u>1</u> "	$1' 11\frac{1}{4}"$	2' 4 <u>3</u> "	2' 6 <u>32</u> "	2' 9 <u>3</u> "	Æ	. <b>.</b>	)	0	1		<u></u>	2		Montageöffnun assembly open	ing
Hawa Porta 100 G/GU/GM/GMT	1'6 <u>29</u> "	1'9 <u>1</u> "	$1' 11\frac{1}{4}"$	2' 4 <u>3</u> "	2' 6 <u>29</u> "	2' 9 <u>3</u> "	*		· ·	- 0	) 1	2	0	1	2	ouverture de m	ontage
Hawa Porta 100 GF	1' 6 <u>29</u> "	$\mathbf{\overline{X}}$	$\mathbf{\nabla}$	2' 4 <u>3</u> "	$\overline{\mathbf{X}}$	Ň		Porta 60/1		48			730	785	840	62 2 <u>7</u> "	
Hawa Porta 100 GW/GWF	1'8 <u>5</u> "	1' 9 <u>11</u> "	1' 11 <u>1</u> "	2' 6"	2' 6 <u>29</u> "	2' 7 <u>3</u> "			00 HM/HMD/H G/GU/GM/GMT				730 730	785 785	840 840		
Hawa Porta 100 GMD	1' 7 <del>7</del> "	1' 9 <u>7</u> "	1' 11 <u>1</u> "	2' 5 <u>1</u> "	2' 7 <u>1</u> "	2' 7 <u>3</u> "	Hawa	Porta 100 Porta 100	GF	48	30 >	$\overline{\mathbf{x}}$	730	792	$\mathbf{x}$		ज़ि 3
Hawa Divido 100 H/HM/GR	1' 6 <u>29</u> "	1'9 <u>1</u> "	1' 11 <u>1</u> "	2' 4 <u>3</u> "	2' 6 <u>29</u> "	2' 9 <u>3</u> "		Porta 100 Porta 100		48			738	789	840	£2/~~~~	32 "
Hawa Divido 100 GRM	1' 8 <u>5</u> "	$1' 10\frac{11}{32}"$		2' 6"	2' 8 <u>5</u> "			Divido 100 Divido 100		48			730 762	785 817	840 872		1 ¹ / ₄
$\geq 62$ $\geq 2\frac{7}{16}$		0			0	•				6	•			÷			$\geq \frac{262}{216}$
					•				2	570							

### Accessories

- Lock solutions from page 511

- General accessories from page 518

### **Planning/execution** Further information about the product can be found

on www.hawa.com.

### Fitting for 2 synchronously opening wooden doors up to 100 kg (220 lbs.), with surface mounted running track. Wall mounting.

Product	highlights	

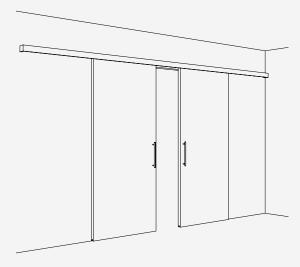
$\langle \rangle$	Flexibility	Standard applications can be extended with the Synchro option
산	Comfort	Two doors open simultaneously and make large, fully accessible openings possible
٢	Aesthetics	Also available in black as a "Black Edition" design option for a particularly attractive appearance

100 kg (220 lbs.)

2700 mm (8' 10 5/16'')

1200 mm (3' 11 1/4'')

30-45 mm (1 3/16" to 1 25/32")



**Technical specifications** 

Max.

Max.

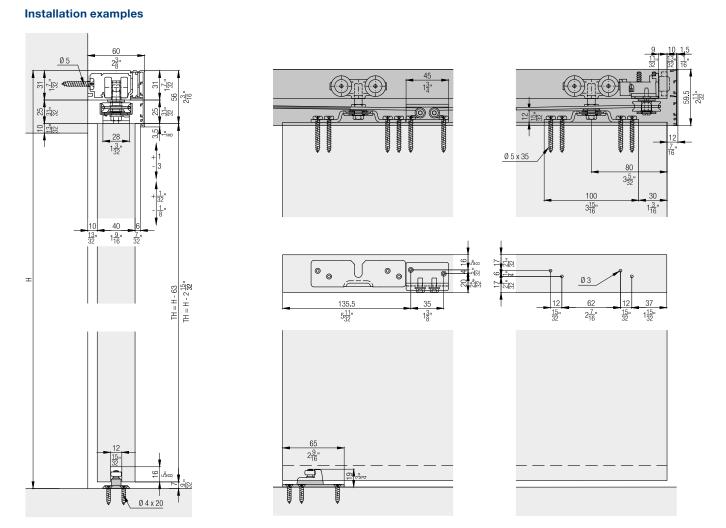
Max.

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### Set for ceiling mounting,

for 1 wooden door up to 100 kg (220 lbs.) (order 2x)

### Synchro set

				No.
Hawa Porta/Div	ido 100 H/HC, for 1 door			057.3139.071
Hawa Porta 100	H/HC, black, for 1 door			057.3139.075
Set consisting	of:	057.3139.071	057.3139.075	No.
EFO	Running gear, ball bearing, rollers, plastic, white	2	2	057.3114.071
Contraction of the second seco	Stopper, with retention spring, plastic, gray	2		057.3073.072
0	Suspension bolt, M8x32 mm (5/16"x1 1/4"), steel, zinc-plated	2	2	057.0123.104
8	Hexagon locking nut, M8, steel, zinc-plated	2	2	768.9005.101
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Support bracket, height and lateral adjustable, steel, zinc-plated	2	2	057.3129.101
El S	Pan head screw, 5x35 mm (3/16"x1 3/8"), steel, zinc-plated	8	8	766.6051.135
<u> </u>	Bottom guide, with roller, adjustable, plastic, anthracite	1	1	057.3120.071
LIS -	Countersunk head screw, 4x20 mm (5/32"x25/32"), steel, zinc-plated	4		766.5042.120
Contraction of the second seco	Stopper, with retention spring, plastic, black		2	057.3073.076
	Countersunk head screw, 4x20 mm (5/32"x25/32"), steel, zinc-plated		4	600.0000.817

			No.			
	Hawa Porta 60/100 H/HC and Hawa Divido 100 H, Synchro, for 2 doors					
Set consisting	of:	042.3027.072	No.			
٩	Deviating roller, ball bearing	2	055.0101.001			
	Cable safety, steel, zinc-plated	2	056.0124.101			
	Clamp piece, steel, zinc-plated	2	057.0113.101			
	Kevlar cable, D= 2.5 mm (3/32")	1	752.0059.104			
	Flat washer, M5, 5.3/15/2 mm (3/16"/19/32"/3/32"), steel, zinc-plated	2	600.0000.681			
N.S.	Rounded head screw, 5x25 mm (3/16"x31/32"), steel, zinc-plated	2	762.9455.000			
	Head cap screw, with flange, M5x10 mm (3/16"x13/32"), steel, zinc-plated	4	762.9365.000			
2ls	Pan head screw, 5x35 mm (3/16"x1 3/8"), steel, zinc-plated	4	766.6051.135			

Running tracks

		mm (inch)	No.
		2,500 (8' 2 7/16'')	057.3112.250
	Running track, aluminum, anodized,	3,500 (11' 5 25/32'')	057.3112.350
	pre-drilled	6,000 (19' 8 7/32'')	057.3112.600
		cut to size	057.3112.990
	Running track, aluminum,	2,500 (8' 2 7/16'')	057.3112.255
	black anodized, pre-drilled	3,500 (11' 5 25/32'')	057.3112.355
1 111.	Running track, extended spacing	2,500 (8' 2 7/16'')	30617
	of +9 mm (11/32'') between door and	6,000 (19' 8 7/32'')	30618
**	wall, aluminum, anodized, pre-drilled	cut to size	30668
/ //.	Running track, extended spacing	2,500 (8' 2 7/16'')	30619
	of +20 mm (25/32'') between door and	6,000 (19' 8 7/32'')	30620
	wall, aluminum, anodized, pre-drilled	cut to size	30669

Panel end component set, 59 mm (2 5/16"), aluminum, for running track 057.3112.xxx

				No.		
Panel end comp 59x60 mm (2 5/ anodized	042.3028.056					
	Panel end component set, with fixation clip, 59x60 mm (2 5/16x2 3/8"), aluminum, anodized					
Set consisting	of:	042.3028.056	042.3028.076	No.		
	Panel end component, 59 mm (2 5/16"), aluminum, black anodized	1		042.3028.956		
lo lo	Bracker connector, steel, zinc-plated	2	2	057.3051.101		
<u>I</u>	Fixation clip for wooden and aluminum panel, steel, zinc-plated	1	1	057.3126.101		
۲	Screw, M4x2.6 mm (5/32"x 1/8"), steel, zinc-plated	4	4	011.0101.171		
	Panel end component, 59 mm (2 5/16"), aluminum, anodized		1	042.3028.906		

Panels

		mm (inch)	No.
		2,500 (8' 2 7/16'')	042.3004.250
	Clip-on panel,	3,500 (11' 5 25/32'')	042.3004.350
4	aluminum, anodized	6,000 (19' 8 7/32'')	042.3004.600
		cut to size	042.3004.990
	Clip-on panel,	2,500 (8' 2 7/16'')	042.3004.255
	aluminum, black anodized	3,500 (11' 5 25/32'')	042.3004.355

Panel end component set, 79 mm (3 1/8"), can be shortened, aluminum, for running track 30617, 30618, 30619, 30620, 30668, 30669

			No.
Panel end comp 59x60 mm (3 1/8	30593		
Set consisting	of:	30593	No.
	Panel end component, 79 mm (3 1/8"), aluminum, anodized	1	30590
0	Bracker connector, steel, zinc-plated	2	057.3051.101
	Fixation clip for wooden and aluminum panel, steel, zinc-plated	1	057.3126.101
٢	Screw, M4x2.6 mm (5/32"x 1/8"), steel, zinc-plated	4	011.0101.171

Clip-on components

		No.
<i>.</i>	Clip component for wooden and aluminum panel, every 500 mm (1' 7 11/16''), aluminum, pre-drilled	057.3117.001
Ę.	Clip component for wooden and aluminum panel, every 500 mm (1' 7 11/16''), aluminum, black anodized, pre-drilled	057.3117.005

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End cap set for running track 057.3112.xxx

	No.			
End cap set, wit	e	057.3132.072		
Set consisting	Set consisting of:			
	End cap, plastic, anthracite		057.3132.071	
- All	Fixation clip for wooden and aluminum panel, steel, zinc-plated	2	057.3126.101	

Bottom guide set for wall mounting

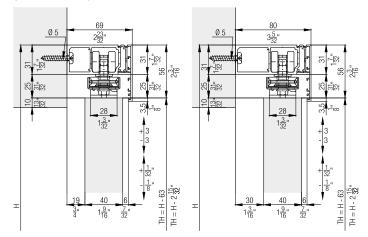
	No.
Set bottom guide for wall mounting, with roller	057.3128.171

Accessories

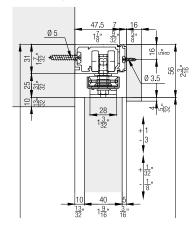
		No.
	Track cleaner, plastic, blue	057.3099.071

Further installation examples

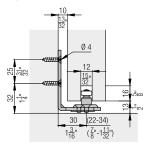
Wall mounting rails with extended spacing of +9 mm/+20 mm (11/32''/25/32'') between door and wall.

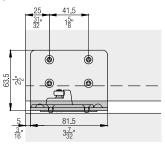


Wooden panel

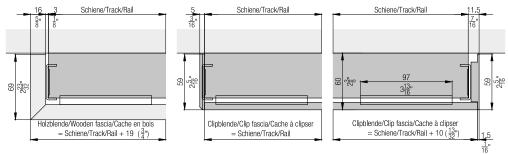


Optional: Wall bracket bottom guide

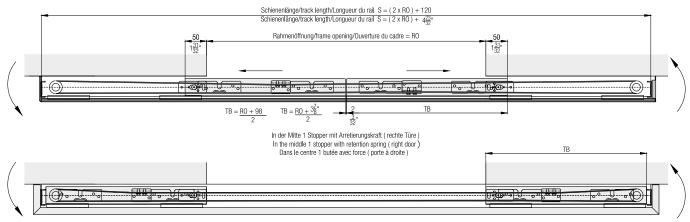




Calculations of panels



Calculations



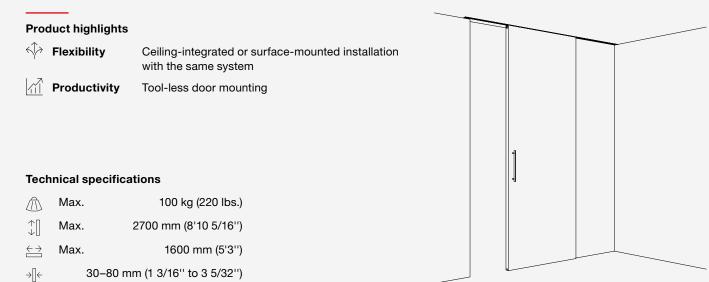
Accessories

- Lock solutions from page 511

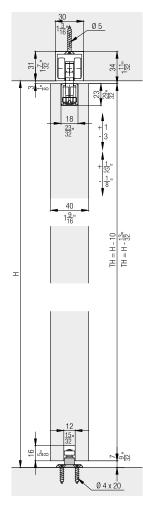
- General accessories from page 518

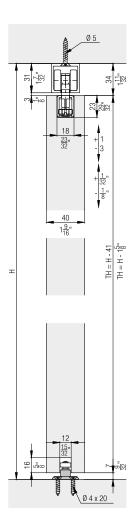
Planning/execution Further information about the product can be found on www.hawa.com.

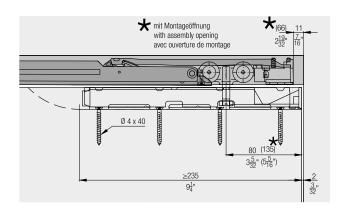
Fitting for top-running wooden doors up to 100 kg (220 lbs.), with surface mounted running track or running track flush with the ceiling. Optionally with soft and self closing mechanism. Ceiling mounting. Minimal installation height.

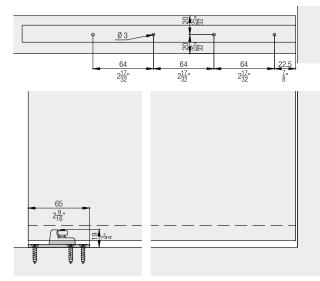


Installation examples











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

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

	Hawa Porta 100 HM/HMD and Hawa Divido 100 HM, minimal installation height, for 1 door						
Set consisting	of:	057.3133.071	No.				
E	Running gear, ball bearing, rollers plastic white	2	057.3114.071				
Contraction of the second seco	Stopper, with retention spring, plastic, gray	2	057.3073.072				
<u>a</u>	Hexagon head screw, M8x36 mm (5/16"x1 13/32"), steel, zinc-plated	2	042.0165.101				
	Cover cap, plastic, grey	2	600.0000.533				
JEAN TON	Running gear holder, plastic, anthracite	2	042.0167.001				
	Housing, steel, zinc-plated	2	042.0166.101				
SI >>	Countersunk head screw, 4x40 mm (5/32"x1 9/16"), steel, zinc-plated	8	766.5040.140				
C C C C C C C C C C C C C C C C C C C	Bottom guide, with roller, adjustable, plastic, anthracite	1	057.3120.071				
SI 2	Countersunk head screw, 4x20 mm (5/32"x25/32"), steel, zinc-plated	4	766.5042.120				

	No.						
Hawa Porta 100 with running trad anodized, for 1	057.3135.071						
Set consisting	Set consisting of: (inch)						
EFO	Running gear, ball bearing, rollers plastic white	9	2	057.3114.071			
Contraction of the second seco	Stopper, with reten spring, plastic, gray		2	057.3073.072			
G	Hexagon head scre M8x36 mm (5/16"x steel, zinc-plated		2	042.0165.101			
Ø	Cover cap, plastic,	grey	2	600.0000.533			
	Running gear holde anthracite	er, plastic,	2	042.0167.001			
	Housing, steel, zind	c-plated	2	042.0166.101			
2IS	Countersunk head 4x40 mm (5/32"x1 steel, zinc-plated		8	766.5040.140			
	Bottom guide, with roller, adjustat plastic, anthracite	ole,	1	057.3120.071			
2US	Countersunk head 4x20 mm (5/32"x25 steel, zinc-plated	4	766.5042.120				
the second secon	Track cleaner, plas	1	057.3099.071				
· · · · · · · · · · · · · · · · · · ·	Running track, aluminum, anodized, pre-drilled	2,000 (6' 6 3/4 '')	1	057.3016.201			



Running tracks

		mm (inch)	No.
		1,700 (5' 6 15/16'')	057.3016.170
		2,000 (6' 6 3/4 '')	057.3016.200
	Running track, aluminum, pre-drilled	2,500 (8' 2 7/16'')	057.3016.250
		6,000 (19' 8 7/32'')	057.3016.600
		cut to size	057.3016.990
		2,000 (6' 6 3/4 '')	057.3016.201
	Running track, aluminum, anodized,	2,500 (8' 2 7/16'')	057.3016.251
	pre-drilled	6,000 (19' 8 7/32'')	057.3016.601
		cut to size	057.3016.991
	Running track, with assembly opening,	2,500 (8' 2 7/16'')	057.3016.256
5	aluminum, anodized, pre-drilled	cut to size	057.3016.998
		2,500 (8' 2 7/16'')	27668
	Running track, ceiling integration,	3,500 (11' 5 25/32'')	27667
	aluminum, anodized, pre-drilled	6,000 (19' 8 7/32'')	30326
		cut to size	27669
	Disposable cover to running track Hawa	2,000 (6' 6 3/4 '')	057.3098.001
	Porta 45/60/100, plastic, black	cut to size	057.3098.990

Soft close

For soft closing in opening and closing direction order 2 sets.

	No.			
Soft close Hawa 61–100 kg (133-	042.3102.071			
Soft close Hawa 10–60 kg (22-13	a Porta 60/100, Divido 100, 2 lbs.), 1 piece			042.3102.072
Set consisting	042.3102.071	042.3102.072	No.	
and the second s	Soft close, top running, 61–100 kg (133 to 220 lbs.), plastic	1		042.3106.071
	Trigger for soft close in buildings, zinc die casting	1	1	042.3105.001
2US	Screw set soft close	1	1	600.0000.566
5	Soft close, top running, 10-60 kg (22 to 132 lbs.), plastic		1	042.3106.072

Cover for assembly opening

			No.
Cover cap to as		042.3114.071	
Set consisting	042.3114.071	No.	
	Cover cap assembly opening, plastic, gray	1	042.0172.001
SIS	Screw set soft close	1	600.0000.566



Screw set

	No.		
Screw set for ce +15 mm (+19/32)		057.3180.071	
Set consisting	of:	057.3180.071	No.
SF C	Hexagon screw, M8x51 mm (5/16"x2"), steel, zinc-plated	2	042.0165.103
6	Head cap screw, M8x50 mm (5/16"x1 31/32"), steel, zinc-plated	1	042.0175.002

Accessories

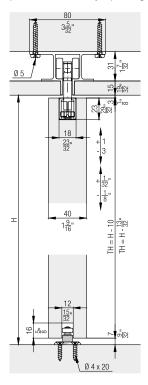
	No.
Routing jig for assembly opening	042.3118.071
Groove cutter to routing jig, Ø= 10 mm (13/32"), hard metal	600.0000.309
 Track cleaner, plastic, blue	057.3099.071

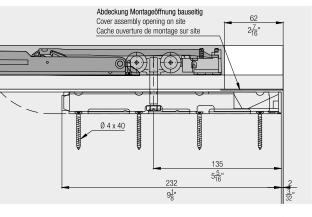
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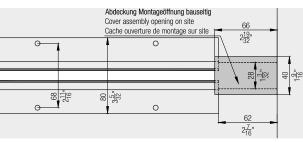


Ceiling integration

Recommendation: For systems integrated into the ceiling, provide assembly openings or front access to the system.







Soft close

									0		÷		
			Z	-						≥ 320			
		1			2				2	: 1'- <u>19</u> "	7 5 5	05	
*	0	1	2	0	1	2	-				$\frac{Z = \ge 5}{Z = \ge 1'}$		
Hawa Porta 60/100 H/HC	1' 6 <u>29</u> "	1'9 <u>1</u> "	$1' 11\frac{1}{4}"$	2' 4 <u>3</u> "	2' 6 <u>29</u> "	2' 9 <u>3</u> "						10	1
Hawa Porta 60/100 HM/HMD/HMT	1' 6 <u>32</u> "	1' 9 <u>1</u> "	1' 11 <u>1</u> "	2' 4 <u>3</u> "	2' 6 <u>39</u> "	2' 9 <u>3</u> "			1	Z =	2		Montageöffnung assembly opening
Hawa Porta 100 G/GU/GM/GMT	1' 6 <u>29</u> "	1'9 <u>1</u> "	$1'11\frac{1}{4}"$	2' 4 <u>3</u> "	2' 6 <u>29</u> "	2' 9 <u>3</u> "	*	0	1 2	0	1	2	ouverture de montage
Hawa Porta 100 GF	1' 6 <u>29</u> "	\bowtie	\bowtie	2' 4 <u>3</u> "	\bowtie	\bowtie	Hawa Porta 60/100 H/HC Hawa Porta 60/100 HM/HMD/HMT	480 480	535 59 535 59		785 785	840 840	$2\frac{7}{16}$
Hawa Porta 100 GW/GWF	1' 8 <u>5</u> "	1' 9 <u>11</u> "	1' 11 <u>1</u> "	2' 6"		2' 7 <u>3</u> "	Hawa Porta 100 G/GU/GM/GMT	480	535 59		785	840	02
Hawa Porta 100 GMD	1' 7 <u>7</u> "	1'9 <u>7</u> "	1' 11 <u>1</u> "	2' 5 <u>1</u> "	2' 7 <u>1</u> "	2' 7 <u>3</u> "	Hawa Porta 100 GF Hawa Porta 100 GW/GWF	480 512	542 59	< 730 0 762	792	840	
Hawa Divido 100 H/HM/GR	1' 6 <u>29</u> "	1' 9 <u>1</u> "	1'11 <u>1</u> "	2' 4 <u>3</u> "	2' 6 <u>29</u> "	2' 9 <u>3</u> "	Hawa Porta 100 GMD	488	539 59	0 738	789	840	
Hawa Divido 100 GRM	1' 8 <u>5</u> "	1' 10 <u>11</u> "	1'0 <u>1</u> "	2' 6"	2' 8 <u>5</u> "	2' 10 <u>11</u> "	Hawa Divido 100 H/HM/GR Hawa Divido 100 GRM	480 512	535 59 567 62		785 817	840 872	
	_	~		ΠŌ	0	•)	5		÷		
eidseitig gedämptre Ausführungen ohne stirn- eitigen Zugang erfordern zwei Montageöffnungen. ≥ 570													
ersions with soft closing mechanism at both des without access from the leading edge		$\geq 1^{-1} \cdot 10^{7}_{16}$ $Z = \geq 840$											
quire two assembly openings. es versions avec amortissement bilatéral sans ccès frontal exigent deux ouvertures de monta									<u>= 2 840</u> ≥ 2'-9 <u>1</u> 6"				

Accessories

– Lock solutions from page 511

- General accessories from page 518

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

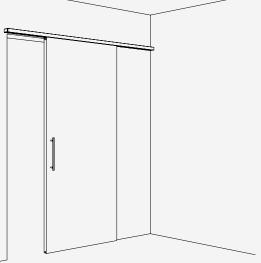
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Fitting for top-running wooden doors up to 100 kg (220 lbs.), with surface mounted running track. Optionally with soft and self closing mechanism. Wall mounting. Minimal installation height.

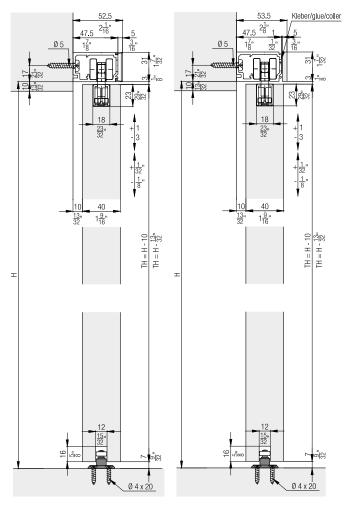
		_	
Product highlights			
Flexibility	Aluminium panel or customer-provided wooden panelling integrated in the system		
Productivity	Tool-less door mounting		
Aesthetics	Also available in black as a "Black Edition" design option for a particularly attractive appearance		
			4

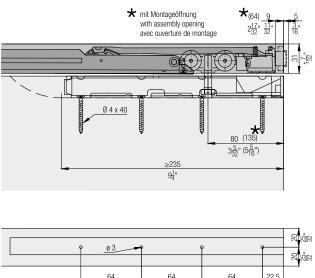
Technical specifications

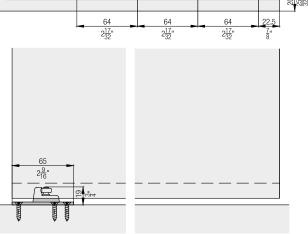
\triangle	Max.	100 kg (220 lbs.)
$\stackrel{\wedge}{\downarrow}$	Max.	2700 mm (8' 10 5/16'')
$\stackrel{\leftarrow}{=}$	Max.	1600 mm (5' 3'')
→[]←		30-45 mm (1 3/16" to 1 25/32")



Installation examples







Set for wall mounting,

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

				No.
Hawa Porta 100 HM/HMD and Hawa Divido 100 HM, minimal installation height, for 1 door			057.3133.071	
Hawa Porta 100 minimal installat	HMD, black, ion height, for 1 door			057.3133.085
Set consisting	of:	057.3133.071	057.3133.085	No.
EFO	Running gear, ball bearing, rollers, plastic, white	2	2	057.3114.071
	Stopper, with retention spring, plastic, gray	2		057.3073.072
<u>o</u>	Hexagon head screw, M8x36 mm (5/16"x1 13/32"), steel, zinc-plated	2	2	042.0165.101
Ø	Cover cap, plastic, grey	2	2	600.0000.533
	Running gear holder, plastic, anthracite	2	2	042.0167.001
	Housing, steel, zinc-plated	2	2	042.0166.101
SI S	Countersunk head screw, 4x40 mm (5/32"x1 9/16"), steel, zinc-plated	8	8	766.5040.140
C C C C C C C C C C C C C C C C C C C	Bottom guide, with roller, adjustable, plastic, anthracite	1	1	057.3120.071
24S	Countersunk head screw, 4x20 mm (5/32"x25/32"), steel, zinc-plated	4		766.5042.120
and a second sec	Stopper, with retention spring, plastic, black		2	057.3073.076
El»	Countersunk head screw, 4x20 mm (5/32"x25/32"), steel, zinc-plated		4	600.0000.817

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

	No.			
Hawa Porta 100 with running trac (6' 6 19/32''), alu	057.3137.071			
Set consisting	of:	mm (inch)	057.3137.071	No.
EFO	Running gear, ball rollers, plastic, whi		2	057.3114.071
and the second s	Stopper, with reten spring, plastic, gra		2	057.3073.072
B	Hexagon head scre M8x36 mm (5/16"x steel, zinc-plated		2	042.0165.101
Ø	Cover cap, plastic,	grey	2	600.0000.533
	Running gear holde plastic, anthracite	er,	2	042.0167.001
	Housing, steel, zind	c-plated	2	042.0166.101
XI S	Countersunk head 4x40 mm (5/32"x1 steel, zinc-plated		8	766.5040.140
6	Bottom guide, with roller, adjustat plastic, anthracite	ole,	1	057.3120.071
2US	Countersunk head 4x20 mm (5/32"x25 steel, zinc-plated		4	766.5042.120
<u>M</u>	Fixation clip for wo aluminum panel, 2-		1	057.3126.071
	End cap, plastic, anthracite 1		057.3131.071	
	Track cleaner, plastic, blue 1		057.3099.071	
	Single running track, aluminum, anodized, pre-drilled	2,000 (6' 6 3/4 '')	1	057.3112.199
	Running track, aluminum, anodized, pre-drilled	2,000 (6' 6 3/4 '')	1	057.3113.199



Running tracks

		mm (inch)	No.
		2,500 (8' 2 7/16'')	057.3112.250
	Running track, aluminum, anodized,	3,500 (11' 5 25/32'')	057.3112.350
	pre-drilled	6,000 (19' 8 7/32'')	057.3112.600
		cut to size	057.3112.990
	Running track, aluminum,	2,500 (8' 2 7/16'')	057.3112.255
	black anodized, pre-drilled	3,500 (11' 5 25/32'')	057.3112.355
	Running track, extended spacing of +9 mm (11/32'') between door and wall, aluminum, anodized, pre-drilled	2,500 (8' 2 7/16'')	30617
		6,000 (19' 8 7/32'')	30618
**/		cut to size	30668
	Running track, extended spacing of +20 mm (25/32'') between door and wall, aluminum, anodized, pre-drilled	2,500 (8' 2 7/16'')	30619
		6,000 (19' 8 7/32'')	30620
		cut to size	30669
	Disposable cover to running track Hawa	2,000 (6' 6 3/4 '')	057.3098.001
	Divido 100 / Hawa Porta 45/60/100, plastic, black	cut to size	057.3098.990

Panels

		mm (inch)	No.
	Clip-on panel, wall mounting, aluminum, anodized	2,500 (8' 2 7/16'')	057.3113.250
		3,500 (11' 5 25/32'')	057.3113.350
		6,000 (19' 8 7/32'')	057.3113.600
		cut to size	057.3113.990
		2,500 (8' 2 7/16'')	057.3113.255
		3,500 (11' 5 25/32'')	057.3113.355

End cap set for running track 057.3112.xxx

				No.
End cap set, wit	h fixation clip, plastic, anth	racit	e	057.3131.072
End cap set, wit	h fixation clip, plastic, blacl	<		057.3131.075
Set consisting of: 2057.3131.072			No.	
	End cap, plastic, anthracite	1		057.3131.071
	Fixation clip for wooden and aluminum panel, steel, zinc-plated	2	2	057.3126.101
	End cap set, plastic, black		1	057.3131.076

Fixing clamp for the end pieces of wooden or aluminum panels

Г

-

			No.
Fixation clip for wooden and aluminum panel, 2-piece set			057.3126.071
Set consisting	of:	057.3126.071	No.
Ð	Fixation clip for wooden and aluminum panel, steel, zinc-plated	2	057.3126.101

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

			No.
Panel end component set, with fixation clip, 95 mm (3 3/4"), plastic, anthracite			30485
Set consisting	of:	30485	No.
	Panel end component, 95 mm (3 3/4"), plastic, anthracite, can be shortened	2	30133
A	Fixation clip for wooden and aluminum panel, steel, zinc-plated	2	057.3126.101



Soft close

For soft closing in opening and closing direction order 2 sets.

				No.
	a Porta 100, Divido 100, o 220 lbs.), 1 piece			042.3102.071
	a Porta 60/100, Divido 100, 132 lbs.), 1 piece			042.3102.072
Set consisting	of:	042.3102.071	042.3102.072	No.
a contraction of the second se	Soft close, top running, 61-100 kg (133 to 220 lbs.), plastic	1		042.3106.071
	Trigger for soft close in buildings, zinc die casting	1	1	042.3105.001
El S	Screw set soft close	1	1	600.0000.566
3	Soft close, top running, 10-60 kg (22 to 132 lbs.), plastic		1	042.3106.072

Cover for assembly opening

			No.
Cover cap to as	sembly opening, 1-piece set		042.3114.071
Set consisting	of:	042.3114.071	No.
	Cover cap assembly opening, plastic, gray	1	042.0172.001
2 ¹ 2	Screw set soft close	1	600.0000.566

Bottom guide set for wall mounting

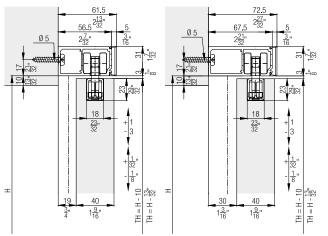
	No.
Set bottom guide for wall mounting, with roller	057.3128.171

Accessories

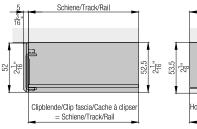
		No.
•	Routing jig for assembly opening	042.3118.071
	Groove cutter to routing jig, Ø= 10 mm (13/32"), hard metal	600.0000.309
500	Track cleaner, plastic, blue	057.3099.071

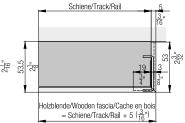
Further installation examples

Wall mounting rails with extended spacing of +9 mm/+20 mm (11/32''/25/32'') between door and wall.

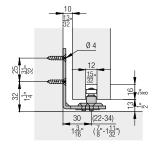


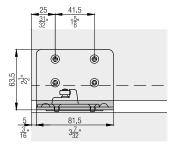
Calculations of panels





Wall mounting bottom guide





Soft close

									\odot)	>			ŝ			ØĽ	
			Z	=				-	-				≥ 3				-	-	
		1			2								≥ 1'						
*	0	1	2	0	1	2		-							$Z = \ge 5$ = $\ge 1'$ -				
Hawa Porta 60/100 H/HC	1' 6 <u>29</u> "	1' 9 <u>1</u> "	$1' 11\frac{1}{4}"$	2' 4 <u>3</u> "	2' 6 <u>29</u> "	2' 9 <u>3</u> "					1		7				، ، ، ملح		
Hawa Porta 60/100 HM/HMD/HMT	1' 6 <u>29</u> "	1' 9 <u>1</u> "	$1' 11\frac{1}{4}"$	2' 4 <u>3</u> "	2' 6 <u>29</u> "	2' 9 <u>3</u> "	æ	. e)0		1	L	=	2		asse	ageöffnung mbly opening	
Hawa Porta 100 G/GU/GM/GMT	1' 6 <u>29</u> "	1' 9 <u>1</u> "	1' 11 <u>1</u> "	2' 4 <u>3</u> "	2' 6 <u>29</u> "	2' 9 <u>3</u> "	*		<u> </u>	1	0	1	2	0	1	2	ouve	rture de mont	age
Hawa Porta 100 GF	1' 6 <u>29</u> "	\boxtimes	\square	2' 4 <u>3</u> "	\boxtimes	\sum)/100 H/H	C C MMD/HMT	480 480	535 535	590 590	730 730	785 785	840 840		62 2 <u>7</u> "	-
Hawa Porta 100 GW/GWF	1' 8 <u>5</u> "	1' 9 <u>11</u> "	1' 11 <u>1</u> "	2' 6"	2' 6 <u>29</u> "	2' 7 <u>3</u> ")0 G/GU/G		480	535	590	730	785	840		2	
Hawa Porta 100 GMD	1' 7 <u>7</u> "	1' 9 <u>7</u> "	1' 11 <u>1</u> "	2' 5 <u>1</u> "	2' 7 <u>1</u> "	2' 7 <u>3</u> "		Porta 10	00 GF 00 GW/GV	10	480 512	542	590	730 762	792	840			31.
Hawa Divido 100 H/HM/GR	1' 6 <u>29</u> "	1' 9 <u>1</u> "	1' 11 <u>1</u> "	2' 4 <u>3</u> "	2' 6 <u>29</u> "	2' 9 <u>3</u> "			DO GW/GW DO GMD	1	488	539	590	738	789	840	2/2/20		32 "
Hawa Divido 100 GRM	1' 8 <u>5</u> "	1' 10 <u>11</u> "		2' 6"	2' 8 <u>5</u> "	2' 10 <u>11</u> "			00 H/HM/ 00 GRM	GR	480 512	535 567	590 622	730 762	785 817	840 872	/ 3/0	1	 1″ 4
	-	~9	(ПØ	0	•				10 ()	>			ŝ			O F	
dseitig gedämpfte Ausführungen ohne stirn- tigen Zugang erfordern zwei Montageöffnung										≥ 570	•								
sions with soft closing mechanism at both as without access from the leading edge uire two assembly openings.				$\geq 1' - 10^{-7}_{16}$ $Z = \geq 840$															

Soft close

≥ 62 $\geq 2\frac{7}{16}$)	5			ŝ		$2\frac{2}{16}$
		1	Z	=	2	≥ 320 $\geq 1^{\prime} \frac{19}{32}^{\prime\prime}$								
*	0	1	2	0	1	2	-						≥ 2480 $\ge 1'-6\frac{29}{32}$	9 >
Hawa Porta 60/100 H/HC	1' 6 <u>29</u> "	1'9 <u>16</u> "	$1' 11\frac{1}{4}''$	2' 4 <u>3</u> "	2' 6 <u>32</u> "	2' 9 <u>3</u> "				Z	=			Montageöffnung
Hawa Porta 60/100 HM/HMD/HMT	1'6 <u>29</u> "	1'9 <u>1</u> "		2' 4 <u>3</u> "	2' 6 <u>29</u> "	2' 9 <u>3</u> "			1			2		assembly opening ouverture de montage
Hawa Porta 100 G/GU/GM/GMT Hawa Porta 100 GF	1' 6 <u>29</u> " 1' 6 <u>32</u> "	1'9 <u>1</u> "	1' 114	2' 4 <u>3</u> " 2' 4 <u>3</u> "	2' 6 <u>29</u> "	2' 9 <u>3</u> "	Hawa Porta 60/100 H/HC	0 480	1 535	2 590	0 730	1 785	2 840	
Hawa Porta 100 GW/GWF	1' 8 <u>5</u> "	1' 9 <u>11</u> "	1' 11 <u>1</u> "	2' 6"	2' 6 <u>29</u> "	2' 7 <u>3</u> "	Hawa Porta 60/100 HM/HMD/HMT Hawa Porta 100 G/GU/GM/GMT	480 480	535 535	590 590	730 730	785 785	840 840	02
Hawa Porta 100 GMD	1' 7 <u>7</u> "	1' 9 <u>7</u> "	1' 11 <u>1</u> "	2' 5 <u>1</u> "	2' 7 <u>1</u> "	2' 7 <u>3</u> "	Hawa Porta 100 GF Hawa Porta 100 GW/GWF	480	542	590	730 762	792	840	
Hawa Divido 100 H/HM/GR	1' 6 <u>39</u> "	1'9 <u>1</u> "		2' 4 <u>3</u> "	2' 6 <u>39</u> "	2' 9 <u>3</u> "	Hawa Porta 100 GMD Hawa Divido 100 H/HM/GR	488 480	539 535	590 590	738 730	789 785	840 840	
Hawa Divido 100 GRM	1' 8 <u>5</u> "	1' 10 <u>32</u> "	1' 0 <u>1</u> "	2' 6"	2' 8 <u>5</u> "	2' 10 <u>11</u> "	Hawa Divido 100 R/M/GR	460 512	567	622	762	817	872	
$ \begin{array}{c} \geq 62 \\ \geq 2\frac{1}{6}^{\circ} \end{array} \end{array} $														
≥ 570														

Accessories

- Lock solutions from page 511

- General accessories from page 518

Planning/execution Further information about the product can be found

on www.hawa.com.

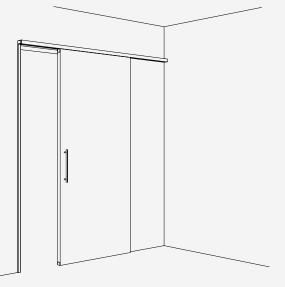
Fitting for top-running wooden doors up to 100 kg (220 lbs.), with surface mounted running track. Sound attenuation. Wall mounting. Minimal installation height.

Product highlights

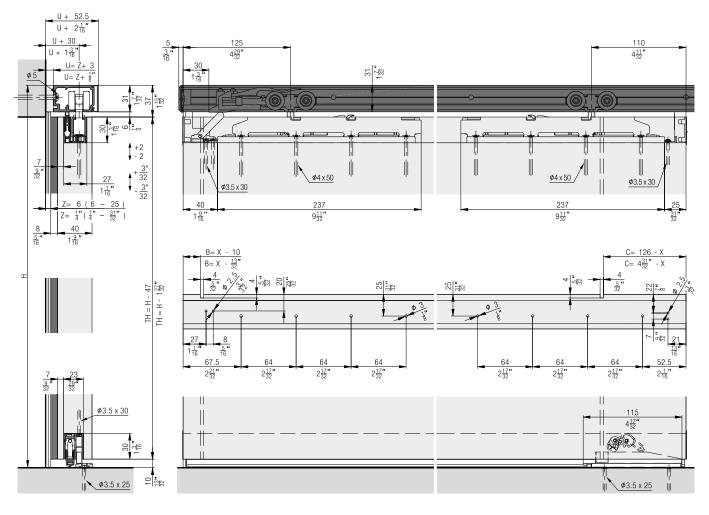
Ŷ	Comfort	Outstanding living comfort thanks to effective exclusion of sound, drafts, odors and unwanted light incidence
$\langle \rangle$	Flexibility	Aluminium panel or customer-provided wooden panelling integrated in the system
	Productivity	Tool-less door mounting

Technical specifications

\triangle	Max.	100 kg (220 lbs.)
${}^{\uparrow}_{\downarrow}$	Max.	2500 mm (8' 2 7/16'')
$\stackrel{\leftarrow}{=}$		750–1250 mm (2' 5 17/32'' to 4' 1 7/32'') 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 for 1 door	Hawa Porta 100 HMD/HMT Pocket Acoustics, for 1 door						
Set consisting	of:	30430	No.				
ESTO	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				
Ĩ	Adapter for running gear, for SoftStop, plastic, gray	1	30218				
S.I.S.	Pan head screw, M3x8 mm (1/8"x5/16")	1	30359				
<u>G</u>	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				
Ø	Cover cap, plastic, grey	1	600.0000.533				
ALL IL	Running gear holder, plastic, anthracite	2	042.0174.001				
	Housing, steel, zinc-plated	2	042.0166.102				
THE STREET STREET	Spacer, housing plastic anthracite	2	30361				
	Cover cap set, plastic, anthracite, 4-piece set	1	30484				
SI S	Flat countersunk head chipboard screw, 4x50 mm (5/32"x1 31/32", steel, zinc-plated	8	30463				

Running tracks

		mm (inch)	No.
		2,500 (8' 2 7/16'')	057.3112.250
	Running track, aluminum, anodized,	3,500 (11' 5 25/32'')	057.3112.350
	pre-drilled	6,000 (19' 8 7/32'')	057.3112.600
		cut to size	057.3112.990
	Running track, extended spacing	2,500 (8' 2 7/16'')	30617
	of +9 mm (11/32'') between door and wall, aluminum, anodized, pre-drilled	6,000 (19' 8 7/32'')	30618
**		cut to size	30668
/ ///	Running track, extended spacing	2,500 (8' 2 7/16'')	30619
	of +20 mm (25/32'') between door and wall, aluminum, anodized, pre-drilled	6,000 (19' 8 7/32'')	30620
*#		cut to size	30669
	Disposable cover to running track Hawa	2,000 (6' 6 3/4 '')	057.3098.001
	Divido 100 / Hawa Porta 45/60/100, plastic, black	cut to size	057.3098.990

Components for running tracks

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

Panels

		mm (inch)	No.
		2,500 (8' 2 7/16'')	057.3113.250
	Clip-on panel, wall mounting, aluminum, anodized	3,500 (11' 5 25/32'')	057.3113.350
1		6,000 (19' 8 7/32'')	057.3113.600
		cut to size	057.3113.990

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

			No.
Panel end comp 95 mm (3 3/4''),	30485		
Set consisting	of:	30485	No.
	Panel end component, 95 mm (3 3/4"), plastic, anthracite, can be shortened	2	30133
	Fixation clip for wooden and aluminum panel, steel, zinc-plated	2	057.3126.101

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

Sets right type (horizontal seal set)

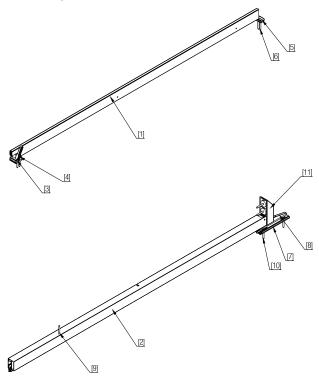
		No.
	Seal, Hawa Acoustics XS, right	30436
	Seal, Hawa Acoustics S, right	30438
	Seal, Hawa Acoustics M, right	30440
	Seal, Hawa Acoustics L, right	30442
	Seal, Hawa Acoustics XL, right	30444

Vertical seal for seal set, left, right set type

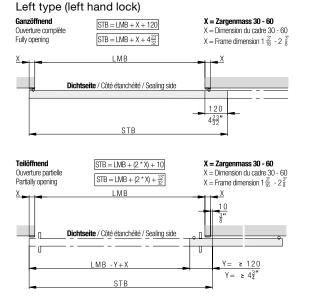
	No.
Seal vertical, Hawa Acoustics, 7700 mm (25' 3 5/32''), Silicone, black	30300

Hawa Acoustics horizontal seal set

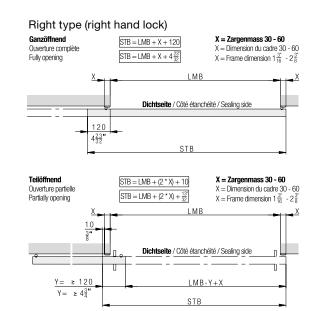
consisting of:



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	1	
			М	30455	1	
			L	30456	1	
			XL	30457	1	
2	Senkdichtung Joint d'abaissement Floor seal	1	Links Gauche Left		Rechts Droite Right	
			XS	30446	XS	30447
			S	30387	S	30383
			М	30448	М	30449
			L	30450	L	30451
			XL	30452	XL	30453
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



Acoustics set determination

Ganzöffnend

Ouverture complète Fully opening

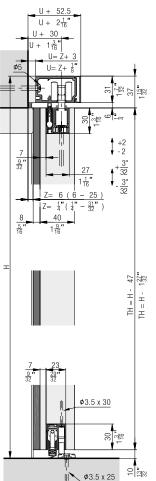
		LI	//B	
Х	30	40	50	60
Hawa Acoustics XS	750 - 780	750 - 770	750 -760	750
Hawa Acoustics S	780 - 900	770 - 890	760 - 880	750 - 870
Hawa Acoustics M	900 - 1030	890 - 1020	880 - 1010	870 - 1000
Hawa Acoustics L	1030 - 1150	1020 -1140	1010 - 1130	1000 - 1120
Hawa Acoustics XL	1150 - 1250	1140 - 1250	1130 - 1250	1120 - 1250
		LI	ЛВ	
Х	1 3 "	1 9 "	1 31"	2 3 "
Hawa Acoustics XS	2' 5 17" - 2' 6 23"	2' 5 17" - 2' 6 5"	2' 5 ^{17"} - 2' 5 ^{29"}	2' 5 17"
Hawa Acoustics S	2'6 23" - 2'11 7"	$2' 6 \frac{5''}{16} - 2' 11 \frac{1''}{32}$	2' 5 $\frac{29''}{32}$ - 2'10 $\frac{21''}{32}$	2'5 17" - 2'10 1/4
Hawa Acoustics M	2'11 7" - 3' 4 9"	$2'11 \frac{1}{32} - 3'4 \frac{5''}{32}$	$2'10\frac{21''}{32} - 3'3\frac{3''}{4}$	2'10 1/4 - 3'3 3/8
Hawa Acoustics L	3' 4 $\frac{9''}{16}$ - 3' 9 $\frac{9''}{32}$	3' 4 $\frac{5''}{32}$ - 3' 8 $\frac{7''}{8}$	3'3 3/4 -3'8 1/2	3'3 <u>3</u> " - 3'8 <u>3</u>
Hawa Acoustics XL	3'9 <u>9</u> " - 4'1 <u>7</u> "	3'8 7/8 -4'1 7/32	3' 8 15" - 4' 1 7"	3' 8 3" - 4' 1 7'

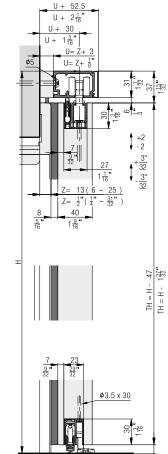
Teilöffnend

Ouverture partielle Partially opening

	LMB							
Х	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 - 1100	950 - 1080	930 - 1060				
Hawa Acoustics L	1120 - 1240	1100 - 1220	1080 - 1200	1060 - 1180				
Hawa Acoustics XL	1240 - 1250	1220 - 1250	1200 - 1250	1180 - 1250				
		LMB						
Х	1 3"	1 9"	1 31"	2 ³ / ₈				
Hawa Acoustics XS	2' 5 17" - 2'10 1"	2' 5 ^{17"} - 2' 9 ^{15"}	2' 5 17" - 2' 8 11"	$2' 5 \frac{17''}{32} - 2' 7 \frac{7''}{8}$				
Hawa Acoustics S	2'10 ¹ / ₄ - 3' 2 ³¹ / ₃₂	2' 9 15" - 3' 2 3"	2' 8 11" - 3' 1 13"	2'7 7" -3' 5"				
Hawa Acoustics M	3' 2 $\frac{31''}{32}$ - 3' 8 $\frac{3''}{32}$	3' 2 3" - 3' 7 5"	3' 1 13" - 3' 6 17"	3' $\frac{5''}{8}$ - 3' 5 $\frac{23''}{32}$				
Hawa Acoustics L	3' 8 3" - 4' 13"	3' 7 ⁵ / ₁₆ - 4' ¹ / ₃₂	3' 6 $\frac{17''}{32}$ - 3'11 $\frac{1}{4}$	$3' 5 \frac{23''}{32} - 3' 10 \frac{15''}{32}$				
Hawa Acoustics XL	4' <u>13</u> " - 4' 1 <u>7</u> "	4' $\frac{1}{32}$ ' - 4' 1 $\frac{7}{32}$	3'11 1/4 - 4' 1 7/32	3'10 ¹⁵ " - 4' 1 7"				

Block frame / closed frame details

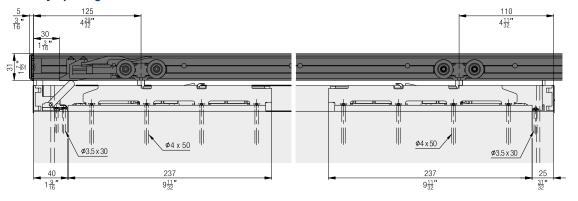


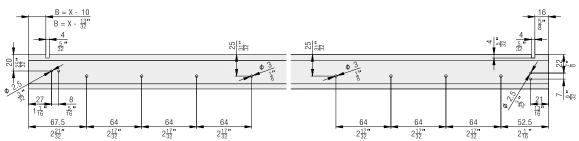


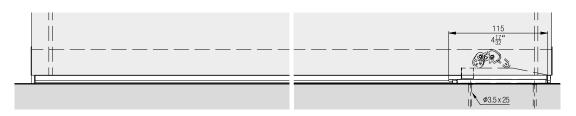
9 31 31 1 1

₩**X** Ø3.5 x 25

Partially opening view

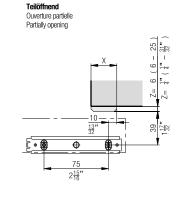




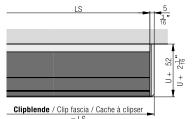


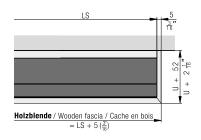
Bottom guide assembly detail

Ganzöffnend Owerning



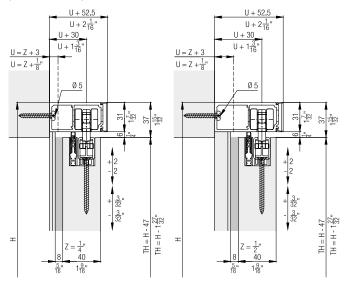
Calculations of panels





Further installation examples

Wall mounting rails with extended spacing of +9 mm/+20 mm (11/32"/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 Rw 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 / Rw 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.

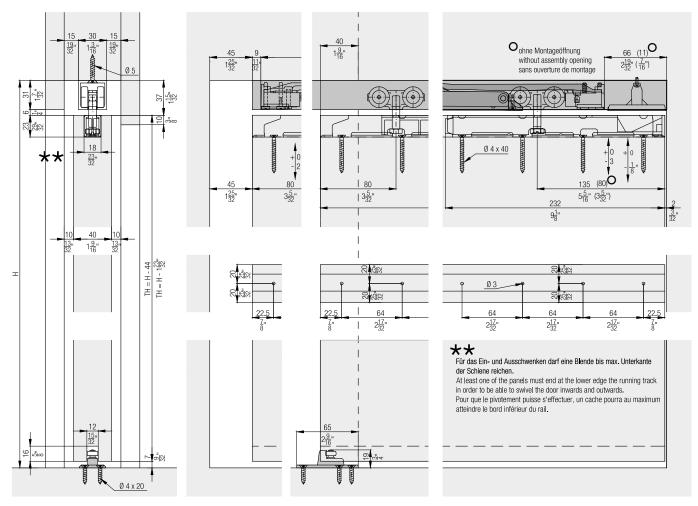
Example walls	System	Thickness of door leaf	Type of door leaf	Estimated sound attenuation effect
	:	:	:	Room to room
				Rw
Wall with minimum acoustic rating of Rw 52 dB	without Hawa Acoustics		Single door leaf without sealing system	≈ 18 dB
			Single door leaf, approx. 19 kg/m ² acoustic rating of Rw 29 dB	≈ 31 dB
Lightweight construction wall with metal stand	Hawa Porta 60 HMD Acoustics Hawa Porta 100 HMD Acoustics	39 mm	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 Rw 39 dB	≈ 34 dB
	Hawa Junior 100 B Acoustics	44 mm	Single door leaf, approx. 20 kg/m ² acoustic rating of Rw 29 dB	≈ 30 dB
Lightweight construction wall with wooden stand	Hawa Porta 60 HMD Acoustics Hawa Porta 100 HMD Acoustics		Door leaf with medium sound attenuation level approx. 28 kg/m ² , 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/m ² , acoustic rating of Rw 42 dB	≈ 35 dB
	without Hawa Acoustics		Single door leaf without sealing system	≈ 20 dB
	Hawa Porta 60 HMT Pocket Acoustics	39 mm	Single door leaf, approx. 19 kg/m², acoustic rating of Rw 29 dB	≈ 31 dB
	Hawa Porta 100 HMT Pocket Acoustics		Door leaf with medium sound attenuation level approx. 25 kg/m ² , acoustic rating of Rw 39 dB	≈ 37 dB
Acoustic ratings for wall construction according to manufacturer. The	Hawa Junior 100 B Pocket Acoustics		Single door leaf, approx. 20 kg/m ² acoustic rating of Rw 29 dB	≈ 32 dB
acoustic values may vary if installed in different wall types.	Hawa Porta 60 HMT Pocket Acoustics Hawa Porta 100 HMT Pocket Acoustics	44 mm	Door leaf with medium sound attenuation level approx. 28 kg/m ² , 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.

Fitting for top-running wooden doors up to 100 kg (220 lbs.), with surface mounted running track or running track flush with the ceiling. Optionally with soft and self closing mechanism. Ceiling mounting. Wall pocket solution.

Prod	luct highlights				
$\langle \rangle$	Flexibility	Ceiling-integrated or solutions possible	surface-mounted pocket		
	Productivity	Door can be installed is complete	in pocket after construction	Ē	
Tech	nical specifica	ations			
	Max.	100 kg (220 lbs.)			
${}^{\uparrow}_{\downarrow}$	Max. 2	2700 mm (8' 10 5/16'')			
$\leftarrow \rightarrow$	Max.	1600 mm (5' 3'')			
$\rightarrow \left[\left] \leftarrow \right. \right.$	30–80 m	ım (1 3/16'' to 3 5/32'')			

Installation examples



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

			No.
Hawa Porta 100 Pocket minimal	HMT, installation height, for 1 door		057.3133.073
Set consisting	of:	057.3133.073	No.
ESTO	Running gear, ball bearing, rollers, plastic, white	2	057.3114.071
	Stopper, with retention spring, plastic, gray	2	057.3073.072
ø	Hexagon head screw, M8x36 mm (5/16"x1 13/32"), steel, zinc-plated	1	042.0165.101
9	Head cap screw, M8x35 mm (5/16"x1 3/8"), steel, zinc-plated	1	042.0175.001
Ø	Cover cap, plastic, grey	1	600.0000.533
A STATISTICS	Running gear holder, plastic, anthracite	1	042.0167.001
Juli III	Running gear holder, plastic, anthracite	1	042.0174.001
	Housing, steel, zinc-plated	1	042.0166.101
	Housing, steel, zinc-plated	1	042.0166.102
2ls	Countersunk head screw, 4x40 mm (5/32"x1 9/16"), steel, zinc-plated	8	766.5040.140
	Bottom guide, with roller, adjustable, plastic, anthracite	1	057.3120.071
24S	Countersunk head screw, 4x20 mm (5/32"x25/32"), steel, zinc-plated	4	766.5042.120

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

					No.
Hawa Porta 100 HMT Pocket, with Push-to-open, with running track, 2000 mm (6' 6 3/4''), aluminum, anodized, for 1 door					057.3181.072
Hawa Porta 100 HMT Pocket, with Push-to-open, with running track, 2500 mm (8' 2 7/16''), aluminum, anodized, for 1 door					057.3181.073
Set consisting of: mm (inch) 220:181:023				No.	
EFO	Running gear, bearing, rollers white		2	2	057.3114.071
	Stopper, without retentic plastic, gray	on spring,	2	2	057.3073.071
Service So	Soft close, top 61-100 kg (133 to plastic	running, o 220 lbs.),	1	1	042.3106.071
	Trigger for soft close in buildings, zinc die casting			1	042.3105.001
Grand	Push-to-open Hawa Porta 100, 40–100 kg (88 to 220 lbs.), with self-closing			1	057.3177.071
5	Release piece f Push-to-open, zinc die casting		1	1	057.3176.001
LI S	Screw set soft	close	2	2	600.0000.566
Ø.	Hexagon head M8x36 mm (5/16"x1 13/32" steel, zinc-plate),	1	1	042.0165.101
<u></u>	Head cap screw, M8x35 mm (5/16"x1 3/8"), steel, zinc-plated		1	042.0175.001	
	Cover cap, plas	stic, grey	1	1	600.0000.533
	Running gear holder, plastic, anthracite			1	042.0167.001
J. T. TI	Running gear h plastic, anthrac		1	1	042.0174.001

Continued table on next page



Table continued from previous page

	Housing, steel, zinc-plated			1	042.0166.101
	Housing, steel, zinc-plated		1	1	042.0166.102
242	Countersunk h screw, 4x40 mr (5/32"x1 9/16"), zinc-plated	n	8	8	766.5040.140
	· · ·	Bottom guide, with roller, adjustable, plastic, anthracite		1	057.3120.071
Ell S	Countersunk head screw, 4x20 mm (5/32"x25/32"), steel, zinc-plated		4	4	766.5042.120
	Running track, aluminum, anodized, pre-drilled	2,000 (6' 6 3/4 '')	1		057.3174.200
	Assembly pin, gray	plastic,	9	11	057.0201.001
SI S	Countersunk head screw, 5x40 mm (3/16"x1 9/16"), steel, zinc-plated		10	12	766.3054.140
	Running track, aluminum, anodized, pre-drilled	2,500 (8' 2 7/16'')		1	057.3174.250

Running tracks

		mm (inch)	No.
		1,700 (5' 6 15/16'')	057.3016.170
		2,000 (6' 6 3/4 '')	057.3016.200
	Running track, aluminum, pre-drilled	2,500 (8' 2 7/16'')	057.3016.250
₹¥		6,000 (19' 8 7/32'')	057.3016.600
		cut to size	057.3016.990
		2,000 (6' 6 3/4 '')	057.3016.201
°//	Running track, aluminum, anodized, pre-drilled	2,500 (8' 2 7/16'')	057.3016.251
Q.		6,000 (19' 8 7/32'')	057.3016.601
		cut to size	057.3016.991
	Running track, with assembly opening,	2,500 (8' 2 7/16'')	057.3016.256
	aluminum, anodized, pre-drilled	cut to size	057.3016.998
		2,500 (8' 2 7/16'')	27668
	Running track, ceiling integration,	3,500 (11' 5 25/32'')	27667
	aluminum, anodized, pre-drilled	6,000 (19' 8 7/32'')	30326
		cut to size	27669
	Disposable cover to running track Hawa	2,000 (6' 6 3/4 '')	057.3098.001
Divido 100 / Hawa Porta 45/60/100, plastic, black	cut to size	057.3098.990	

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

Set consisting of:		mm (inch)	057.3179.200	057.3179.250	057.3179.300	No.
	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
El S	Countersunk head screw, 5x40 mm (3/16"x1 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

Soft close

For soft closing in opening and closing direction order 2 sets.

				No.
	Soft close Hawa Porta 100, Divido 100, 61–100 kg (133 to 220 lbs.), 1 piece			042.3102.071
	a Porta 60/100, Divido 100, 132 lbs.), 1 piece			042.3102.072
Set consisting	of:	042.3102.071	042.3102.072	No.
a second	Soft close, top running, 61-100 kg (133 to 220 lbs.), plastic	1		042.3106.071
	Trigger for soft close in buildings, zinc die casting	1	1	042.3105.001
El S	Screw set soft close	1	1	600.0000.566
	Soft close, top running, 10-60 kg (22 to 132 lbs.), plastic		1	042.3106.072

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

1 200		No.
4.300	Push-to-open Hawa Porta 100, 40–100 kg (88 to 220 lbs.), 1 piece	057.3178.071
	.071	

Г

Set consisting	of:	057.3178	No.
Contraction of the second	Push-to-open Hawa Porta 100, 40–100 kg (88 to 220 lbs.), with self-closing	1	057.3177.071
A A	Release piece for Push-to-open, zinc die casting	1	057.3176.001
	Screw set soft close	1	600.0000.566

Cover for assembly opening

			No.		
Cover cap to as	Cover cap to assembly opening, 1-piece set				
Set consisting	of:	042.3114.071	No.		
	Cover cap assembly opening, plastic, gray	1	042.0172.001		
SI >	Screw set soft close	1	600.0000.566		

Screw set

			No.
Screw set for ce +15 mm (+19/32	iling integration, ")		057.3180.071
Set consisting	of:	057.3180.071	No.
G	Hexagon screw, M8x51 mm (5/16"x2"), steel, zinc-plated	2	042.0165.103
0	Head cap screw, M8x50 mm (5/16"x1 31/32"), steel, zinc-plated	1	042.0175.002

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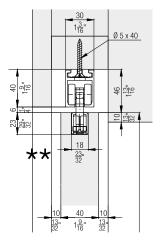
Bottom guide set for wall mounting

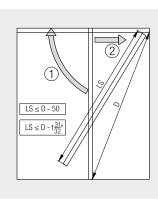
	No.
Set bottom guide for wall mounting, with roller	057.3128.171

Accessories

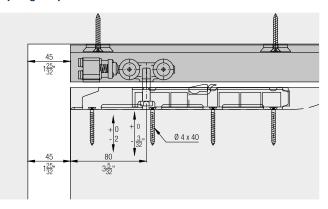
 	No.
Key for dismounting, steel, zinc-plated	042.3119.101
Spring loaded buffer Hawa Porta 60/100	27760
Routing jig for assembly opening	042.3118.071
Groove cutter to routing jig, Ø= 10 mm (13/32"), hard metal	600.0000.309
 Track cleaner, plastic, blue	057.3099.071

Assembly set/track installation Pocket

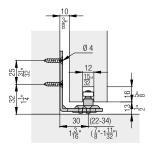


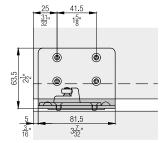


Spring stop

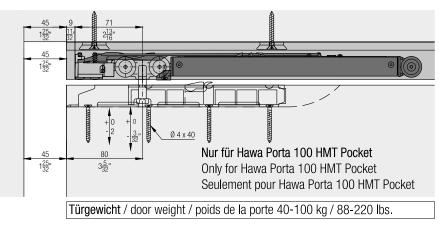


Wall mounting bottom guide



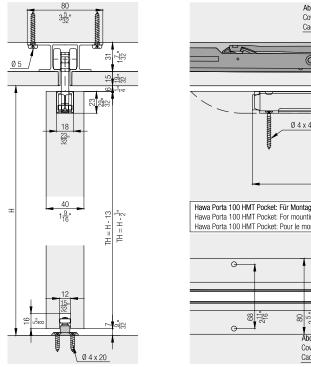


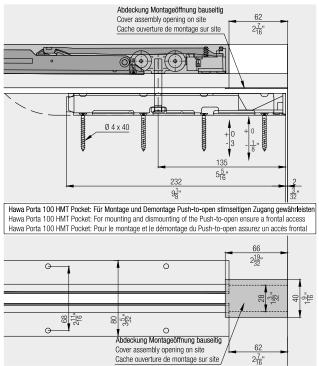
Push-to-open with self closing mechanism



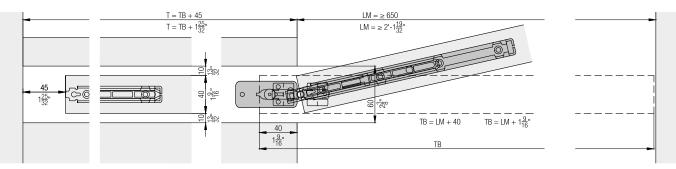
Ceiling integration

Recommendation: For systems integrated into the ceiling, provide assembly openings or front access to the system.





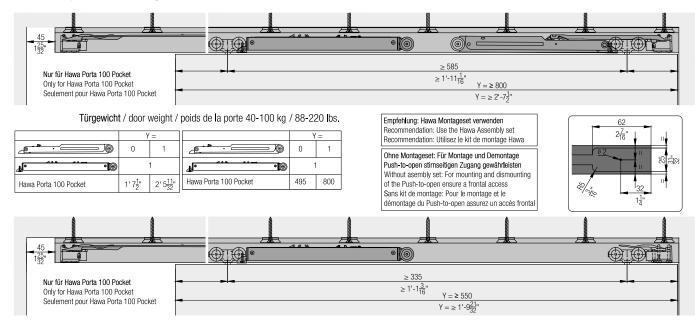
Calculations



Soft close

							OTO O) 	5			ŝ		
		Z	=			≥ 320 $\geq 1\frac{199}{22}$								
		1			2					≥1.		= ≥ 53	5	
* 📃 🖸	0	1	2	0	1	2	-					= ≥ 03 :≥ 1'-9		
Hawa Porta 60/100 H/HC	1' 6 <u>29</u> "	1'9 <u>1</u> "	1' 11 <u>1</u> "	2' 4 <u>3</u> "	2' 6 <u>29</u> "	2' 9 <u>3</u> "				7:			10	
Hawa Porta 60/100 HM/HMD/HMT	1' 6 <u>39</u> "	1' 9 <u>1</u> "	$1' 11\frac{1}{4}"$	2' 4 <u>3</u> "	2' 6 <u>32</u> "	2' 9 <u>3</u> "			1		=	2		Montageöffnung assembly opening
Hawa Porta 100 G/GU/GM/GMT	1' 6 <u>29</u> "	1'9 <u>1</u> "	1' 11 <u>1</u> "	2' 4 <u>3</u> "	2' 6 <u>29</u> "	2' 9 <u>3</u> "	*	0	1	2	0	1	2	ouverture de montage
Hawa Porta 100 GF	1' 6 <u>39</u> "	$\mathbf{ imes}$	\searrow	2' 4 <u>3</u> "	\ge	$\mathbf{>}$	Hawa Porta 60/100 H/HC Hawa Porta 60/100 HM/HMD/HMT	480 480	535 535	590 590	730 730	785 785	840 840	$\begin{array}{c c} & 62 \\ \hline & 2\frac{7}{16} \\ \hline & \\ \end{array}$
Hawa Porta 100 GW/GWF	1' 8 <u>5</u> "	1' 9 <u>11</u> "	$1' 11\frac{1}{4}"$	2' 6"	2' 6 <u>29</u> "	2' 7 <u>3</u> "	Hawa Porta 100 G/GU/GM/GMT	480	535	590	730	785	840	02
Hawa Porta 100 GMD	1' 7 <u>7</u> "	1' 9 <u>7</u> "	$1' 11\frac{1}{4}"$	2' 5 <u>1</u> "	2' 7 <u>1</u> "	2' 7 <u>3</u> "	Hawa Porta 100 GF	480 512	542	590	730 762	792	840	
Hawa Divido 100 H/HM/GR	1' 6 <u>29</u> "	1'9 <u>1</u> "	1' 11 <u>1</u> "	2' 4 <u>3</u> "	2' 6 <u>29</u> "	2' 9 <u>3</u> "	Hawa Porta 100 GMD	488	539	590	738	789	840	2 32 II
Hawa Divido 100 GRM	1' 8 <u>5</u> "	1' 10 <u>11</u> "	1' 0 <u>1</u> "	2' 6"	2' 8 <u>5</u> "	2' 10 <u>11</u> "	Hawa Divido 100 H/HM/GR Hawa Divido 100 GRM	480 512	535 567	590 622	730 762	785 817	840 872	
	~9			ШØ	0	•)0 [0			ŝ		
eidseitig gedämpfte Ausführungen ohne stirn- eitigen Zugang erfordern zwei Montageöffnun	gen.						≥ 570							
'ersions with soft closing mechanism at both s vithout access from the leading edge require t				$\ge 1' \cdot 10\frac{7}{16}$ " $Z = \ge 785$										
ssembly openings. es versions avec amortissement bilatéral sans		-							2'-6 <u>29</u> "					

Push-to-open soft closing mechanism



Accessories

- Lock solutions from page 511
- General accessories from page 518

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

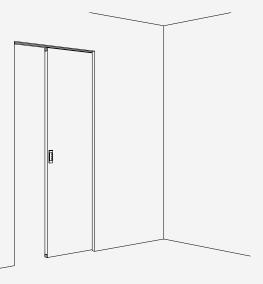
Fitting for top-running wooden doors up to 100 kg (220 lbs.), with surface mounted running track or running track flush with the ceiling. Sound attenuation. Ceiling mounting. Wall pocket solution.

Product highlights

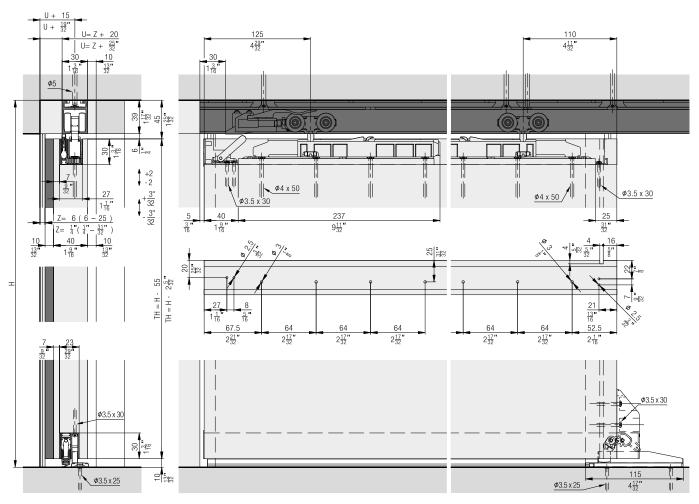
Ŷ	Comfort	Outstanding living comfort thanks to effective exclusion of sound, drafts, odors and unwanted light incidence
\Leftrightarrow	Flexibility	Ceiling-integrated or surface-mounted pocket solutions possible
	Productivity	Door can be installed in pocket after construction is complete

Technical specifications

\triangle	Max.	100 kg (220 lbs.)
$\mathop{\uparrow}_{\downarrow}$	Max.	2500 mm (8' 2 7/16'')
$\leftarrow \rightarrow$		750–1250 mm (2' 5 17/32'' to 4' 1 7/32'') 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.)

essori		

			No.				No.
Hawa Porta 10 for 1 door	0 HMD/HMT Pocket Acoustics,		30430		Spring loaded buffer Hawa Porta 60/100		27760
		0	No.	Running tracks	;		
et consisting	of:	30430				mm (inch)	No.
E TO	Running gear, ball bearing, rollers, plastic, white	2	057.3114.071			1,700 (5' 6 15/16'')	057.3016.1
	SoftStop Hawa Porta			•		2,000 (6' 6 3/4 '')	057.3016.2
	Acoustics, with retention spring, plastic, gray	1	30472		Running track, aluminum, pre-drilled	2,500 (8' 2 7/16'')	057.3016.2
1947 J	Stopper, with retention spring, plastic, gray	1	057.3073.072			6,000 (19' 8 7/32'')	057.3016.6
				-		cut to size	057.3016.9
-	Adapter for running gear, for SoftStop, plastic, gray	1	30218		Running track, aluminum, anodized, pre-drilled	2,000 (6' 6 3/4 '')	057.3016.2
a î.	Pan head screw, M3x8 mm					2,500 (8' 2 7/16'')	057.3016.2
Se S	(1/8"x5/16")	1	30359			6,000 (19' 8 7/32'')	057.3016.6
ø	Hexagon head screw, M8x36 mm (5/16"x1 13/32"), steel, zinc-plated	1	042.0165.101		Diseasekla sousi	cut to size	057.3016.9
I	Head cap screw, M8x35 mm (5/16"x1 3/8"), steel, zinc-plated	1	042.0175.001		Disposable cover to running track Hawa Divido 100 / Hawa Porta	2,000 (6' 6 3/4 '') cut to	057.3098.0
Ø	Cover cap, plastic, grey	1	600.0000.533	<i>~</i> //	45/60/100, plastic, black	size	057.3098.9
	Running gear holder, plastic,	2	042.0174.001	Components for	or running tracks		
Juli -	anthracite	2	042.0174.001	E C			No.
	Housing, steel, zinc-plated	2	042.0166.102		Track cleaner, plastic, I	blue	057.3099.0
Sector Sector Sector	Spacer, housing plastic anthracite	2	30361		Key for dismounting, st zinc-plated	teel,	042.3119.1
	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				

Assembly set

						No.
Assembly set H 2000 mm (6' 6 3	057.3179.200					
Assembly set H 2500 mm (8' 2 7		0/100,				057.3179.250
Assembly set Ha 3000 mm (9' 10		0/100,				057.3179.300
Set consisting	mm (inch)	057.3179.200	057.3179.250	057.3179.300	No.	
	Running track, aluminum, anodized, pre-drilled	2,000 (6' 6 3/4 '')	1			057.3174.200
	Assembly pin, plastic, gray			11	13	057.0201.001
El So	Countersur screw, 5x40 (3/16"x1 9/1 steel, zinc-p) mm 16"),	10	12	14	766.3054.140
	Running track, aluminum, anodized, pre-drilled			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 H 40–100 kg (88 to		057.3178.071	
Set consisting	of:	057.3178.071	No.
G	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
2JS	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

Sets right type (horizontal seal set)

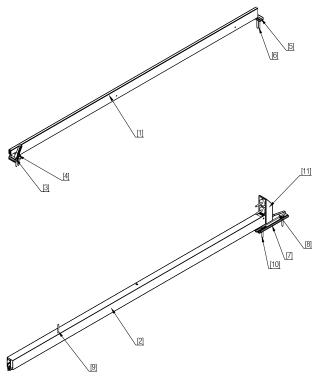
		No.
	Seal, Hawa Acoustics XS, right	30436
	Seal, Hawa Acoustics S, right	30438
4	Seal, Hawa Acoustics M, right	30440
	Seal, Hawa Acoustics L, right	30442
	Seal, Hawa Acoustics XL, right	30444

Vertical seal for seal set, left, right set type

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

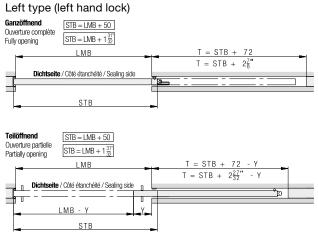
Hawa Acoustics horizontal seal set

consisting of:

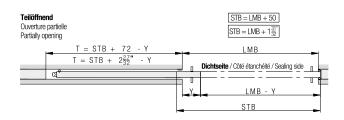


Position Position Position	Bezeichnung Désignation Designation	Anzahl Numéro Number	Тур Туре Туре			
1	Hubdichtung Joint de levage Header seal	1	Links/Rechts Gauche/Droite Left/Right			
			XS	30454		
			S	30385]	
			М	30455	1	
			L	30456	1	
			XL	30457	1	
2	Senkdichtung Joint d'abaissement Floor seal	1	Links Gauche Left		Rechts Droite Right	
			XS	30446	XS	30447
			S	30387	S	30383
			М	30448	М	30449
			L	30450	L	30451
			XL	30452	XL	30453
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



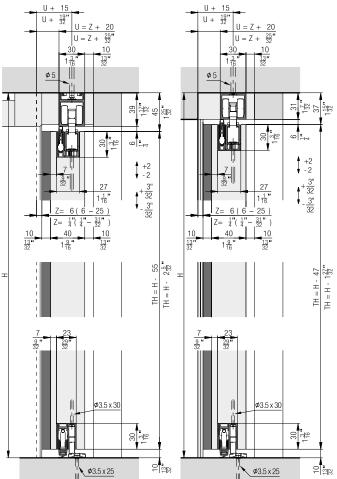
Right type (right hand lock) Gazöffnend Ouverture complète STB = LMB + 50 STB = LMB + 1 $\frac{1}{32}$ T = STB + 72 T = STB + 2 $\frac{2}{8}$ " Dichtseite / Côté étanchété / Sealing side STB



Acoustics set determination

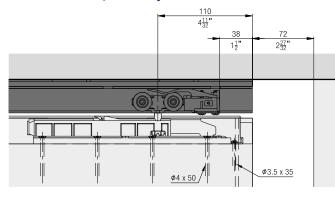
	LMB
Hawa Acoustics XS	750 - 850
Hawa Acoustics S	850 - 970
Hawa Acoustics M	970 - 1100
Hawa Acoustics L	1100 - 1220
Hawa Acoustics XL	1220 -1250
	LMB
Hawa Acoustics XS	2' 5 ^{17*} / ₃₂ - 2' 9 ^{15*} / ₃₂
Hawa Acoustics S	2'9 15" - 3'2 3"
Hawa Acoustics M	3' 2 3'' - 3' 7 5''
Hawa Acoustics L	$3'7 \frac{5''}{16} - 4' \frac{1''}{32}$
Hawa Acoustics XL	4' $\frac{1}{32}$ - 4' 1 $\frac{7}{32}$

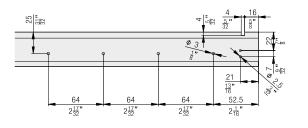
Further installation examples





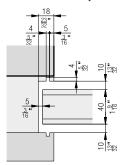
Pocket side view, assembly set



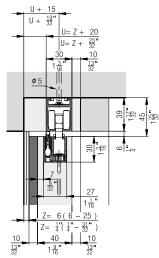


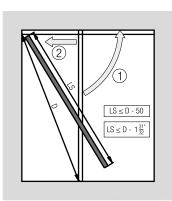


Details of end post at lock side

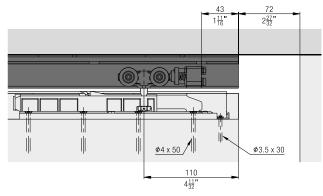


Assembly set/track installation Pocket

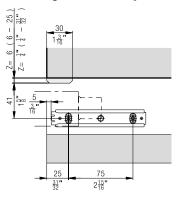




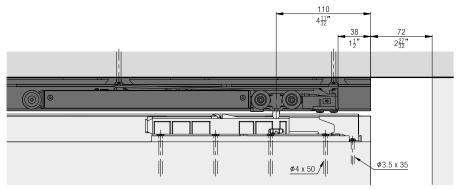
Spring stop

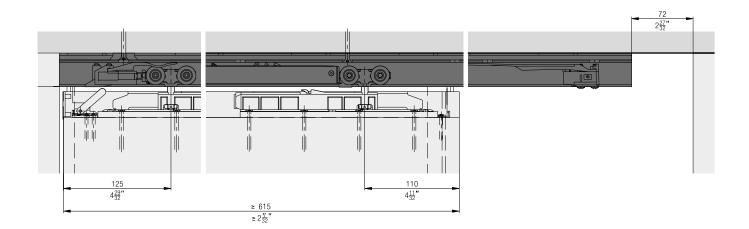


Bottom guide assembly detail



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 Rw 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 / Rw 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		Single door leaf without sealing system	≈ 18 dB
			Single door leaf, approx. 19 kg/m ² acoustic rating of Rw 29 dB	≈ 31 dB
Lightweight construction wall with metal stand	Hawa Porta 60 HMD Acoustics Hawa Porta 100 HMD Acoustics	39 mm	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 Rw 39 dB	≈ 34 dB
· ·	Hawa Junior 100 B Acoustics		Single door leaf, approx. 20 kg/m ² acoustic rating of Rw 29 dB	≈ 30 dB
Lightweight construction wall with wooden stand	Hawa Porta 60 HMD Acoustics Hawa Porta 100 HMD Acoustics	44 mm	Door leaf with medium sound attenuation level approx. 28 kg/m ² , 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/m ² , acoustic rating of Rw 42 dB	≈ 35 dB
	without Hawa Acoustics		Single door leaf without sealing system	≈ 20 dB
	Hawa Porta 60 HMT Pocket Acoustics	39 mm	Single door leaf, approx. 19 kg/m ² , acoustic rating of Rw 29 dB	≈ 31 dB
	Hawa Porta 100 HMT Pocket Acoustics		Door leaf with medium sound attenuation level approx. 25 kg/m ² , acoustic rating of Rw 39 dB	≈ 37 dB
Acoustic ratings for wall construction according to manufacturer. The	Hawa Junior 100 B Pocket Acoustics		Single door leaf, approx. 20 kg/m ² acoustic rating of Rw 29 dB	≈ 32 dB
acoustic values may vary if installed in different wall types.	Hawa Porta 60 HMT Pocket Acoustics Hawa Porta 100 HMT Pocket Acoustics	44 mm	Door leaf with medium sound attenuation level approx. 28 kg/m ² , 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.

Fitting for top-running wooden doors up to 300 kg (660 lbs.), with surface mounted running track. Wall or ceiling mounting.

Three or four point guidance for maximum stability Even heavy doors close smoothly and quietly thanks to the ball bearing rollers		
tions	1	
300 kg (660 lbs.)		
000 mm (13'1 15/32'')		
000 mm (13'1 15/32'')		
m (1 9/16'' to 3 5/32'')		

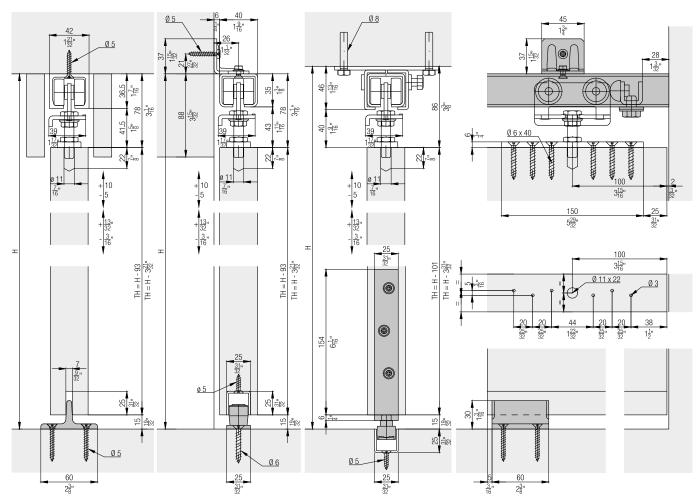
Technical specifications

Product highlights

Comfort

\triangle	Max.	300 kg (660 lbs.)
$\stackrel{\wedge}{\downarrow}$	Max.	4000 mm (13'1 15/32'')
$\stackrel{\leftarrow}{=}$	Max.	4000 mm (13'1 15/32'')
→[]←	40-	-80 mm (1 9/16'' to 3 5/32'')

Installation examples



Set for ceiling or wall mounting, for 1 wooden door up to 300 kg (660 lbs.)

Bracket se	t for wall	mounting
------------	------------	----------

			No.
Hawa Porta 300	H, for 1 door		058.3000.171
Set consisting	of:	058.3000.171	No.
<u>S</u>	Running gear, ball bearings, rollers plastic white	2	058.3005.171
B	Stopper, with rubber buffer, steel, zinc-plated	1	058.3008.171
	Suspension bolt, M10x45 mm (13/32"x1 25/32"), steel, zinc-plated	2	058.3006.171
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Support bracket, steel, zinc-plated	2	058.3009.101
000	T bottom guide, steel, zinc-plated	1	058.3011.101
El S	Screw set	1	058.0103.171

Running tracks

		mm (inch)	No.
		3,000 (9' 10 1/8 '')	058.3002.300
	Running track, steel, pre-drilled	6,000 (19' 8 7/32'')	058.3002.600
		cut to size	058.3002.990
<u>.</u>		3,000 (9' 10 1/8 '')	058.3016.300
	Running track, aluminum, anodized, pre-drilled	6,000 (19' 8 7/32'')	058.3016.600
		cut to size	058.3016.990

Guide tracks

		mm (inch)	No.
////	Guide track, steel,	6,000 (19' 8 7/32'')	058.3013.600
	zinc-plated, pre-drilled	cut to size	058.3013.990

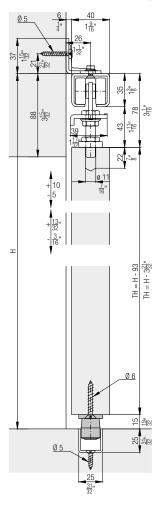
			No.
Angle bracket for steel, zinc-plate	or wall mounting, d, 10-piece set		057.3005.172
Set consisting	of:	057.3005.172	No.
	Wall mounting angle bracket, steel, zinc-plated	10	057.0169.101
2J>	Countersunk head screw, M5x12 mm (3/16"x15/32"), steel, zinc-plated	10	762.5008.100
<i>99</i> 66 8163	Hexagon nut, M5, steel, zinc-plated	10	768.9025.100

Accessories

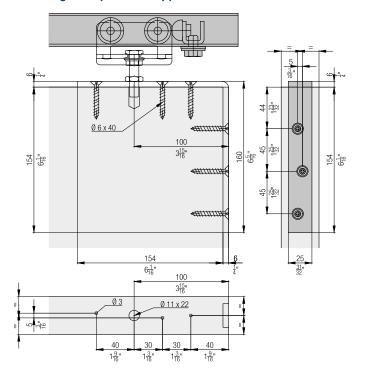
		No.
	Bottom guide pin, for screw fixing, for 058.3010.101, 20 mm (25/32")	058.3015.171
00000 00000000000000000000000000000000	Bottom guide roller, 20 mm (25/32"), steel, zinc-plated	058.3012.171
	Soffit suspension bracket, for 058.3002.300/600, every 500 mm (1'7 11/16''), steel, zinc-plated	058.3001.171
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Supporting angle bracket/ bottom guide, steel, zinc-plated	058.3010.101
···	Track connecting U-piece for 058.3002.300/600, steel, zinc-plated, pre-drilled	058.3004.101



Further installation examples



Mounting example with support bracket



Accessories

- General accessories from page 518

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

Fitting for top-running wooden doors up to 600 kg (1320 lbs.), with surface mounted running track. Wall or ceiling mounting.

Three or four point guidance for maximum stability Even heavy doors close smoothly and quietly thanks to the ball bearing rollers		_
tions 600 kg (1320 lbs.)]	
6000 mm (19'8 7/32'')		
5000 mm (16'4 27/32'')		_
40–100 mm (1 9/16'' to 3 15/16'')		

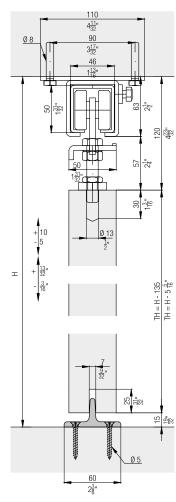
Technical specifications

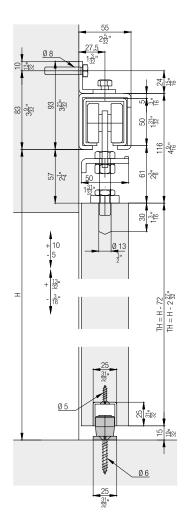
Product highlights Flexibility

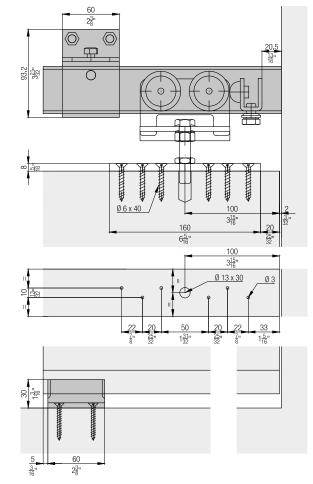
Comfort

\triangle	Max.	600 kg (1320 lbs.)
$\stackrel{\wedge}{\downarrow}$	Max.	6000 mm (19'8 7/32'')
$\stackrel{\leftarrow}{=}$	Max.	5000 mm (16'4 27/32'')
→[]←		40–100 mm (1 9/16'' to 3 15/16'')

Installation examples









Set for ceiling or wall mounting, for 1 wooden door up to 600 kg (1320 lbs.)

			No.
Hawa Porta 600	H, for 1 door		059.3010.171
Set consisting	of:	059.3010.171	No.
<u>je</u>	Running gear, ball bearings, rollers plastic white	2	059.3004.171
	Stopper, with rubber buffer, steel, zinc-plated	1	059.3009.171
	Suspension bolt, M12x60 mm (15/32"x2 3/8"), steel, zinc-plated	2	059.3005.171
00 00 00 00 00 00 00 00 00 00 00 00 00	Support bracket, steel, zinc-plated	2	059.3007.101
0	T bottom guide, steel, zinc-plated	1	058.3011.101
El S	Screw set	1	058.0103.171

Г

Accessories

		No.
	Connecting sleeve, steel, zinc-plated	059.3001.171
	Ceiling suspension bracket, steel, zinc-plated	059.3002.171
	Wall suspension bracket, steel, zinc-plated	059.3003.171
٩	Bottom guide pin, for screw fixing, for 058.3010.101, 20 mm (25/32")	058.3015.171
09999	Bottom guide roller, 20 mm (25/32"), steel, zinc-plated	058.3012.171
A SAMA	Supporting angle bracket/bot- tom guide, steel, zinc-plated	058.3010.101

Running tracks

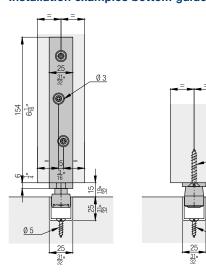
		mm (inch)	No.
	Running track, steel, zinc-plated	6,000 (19' 8 7/32'')	059.3000.600
Ţ	Running track, cut to size	059.3000.990	

Guide tracks

		mm (inch)	No.
	Guide track,	6,000 (19' 8 7/32'')	058.3013.600
	steel, zinc-plated, pre-drilled	cut to size	058.3013.990



Installation examples bottom guides



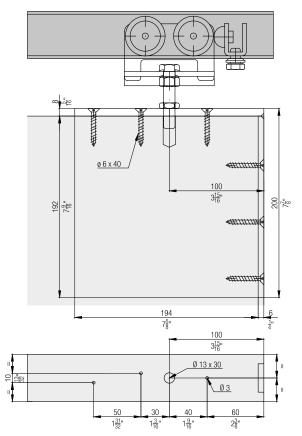
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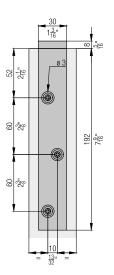
비행

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Ø 5

Mounting example with support bracket





Accessories - General accessories from page 518 **Planning/execution** Further information about the product can be found on www.hawa.com.

Hawa Super for wooden sliding doors The heavy transporter among the sliding fittings

Masterful movement of solid sliding doors made from wood weighing up to 500 kg: This has been the clear strength of Hawa Super for decades. With its impressive load-bearing capacity, it makes it possible for large and high room openings to also benefit from the technical, functional and design advantages of a highquality sliding solution. Fitted to the wall or the ceiling, it carries out its heavy work with two different types of suspension: As Hawa Super 500 A with a robust mounting bracket. Or as Hawa Super 500 B with integrated suspension for a particularly low installation height. It guarantees that sliding doors also visually look the part with this fitting. And the combination of the smooth-running running gear with ball bearing-mounted steel rollers and the stainless steel tracks ensures that superpowers are not required for operation in spite of the heavy weights.



Area of application

Variable room usage in public buildings or in industrial and administration buildings, where heavy doors are required for extremely high room openings. Also suitable as fire safety sliding doors with a special running gear.

System advantages

$\langle \rangle$	Flexibility	Wall mounting, ceiling mounting, ceiling integration or installation in wall pockets possible
	Productivity	Extremely efficient, tool-less door installation Quick and easy adjustment at the installed door
Ŷ	Comfort	High quality steel ball bearing roller for quiet, smooth running, even with heavy weights
٢	Aesthetics	Filigree designer cover caps with stainless steel effect Minimal installation height , since a gap of only 1 mm between the door and the running track is possible

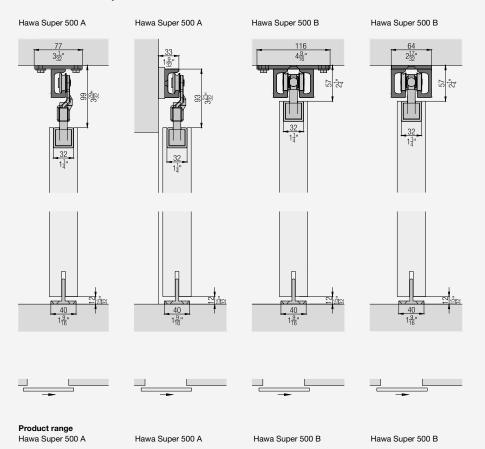
Technical specifications

\triangle	Max.	500 kg
$\stackrel{\wedge}{\downarrow}[]$	Max.	6000 mm
$\leftarrow \rightarrow$	Max.	5000 mm
$\rightarrow [] \leftarrow$		45–100 mm

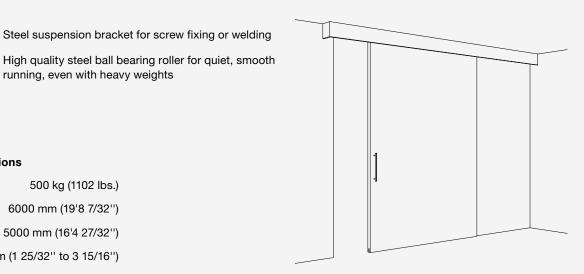
Good to know (accessories)

 Special running gear for fire protection

Installation examples



Fitting for top-running wooden doors up to 500 kg (1102 lbs.), with screwed on running track. Without soft and self closing system. Wall or ceiling mounting.



Technical specifications

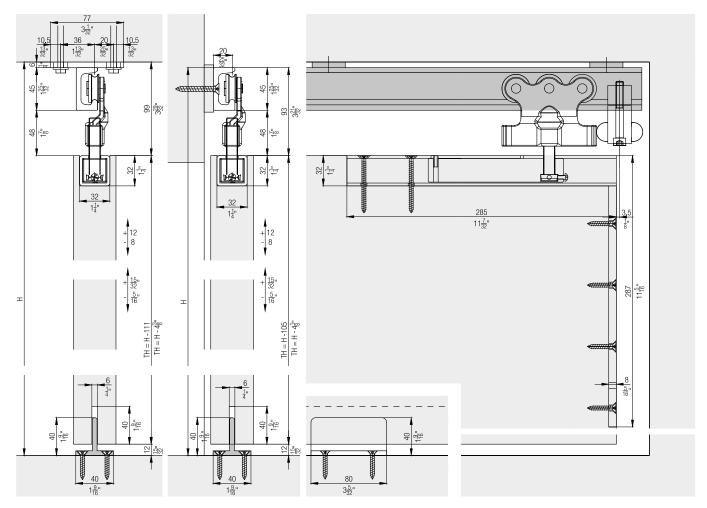
Product highlights Flexibility

Comfort

\triangle	Max.	500 kg (1102 lbs.)
$\stackrel{\wedge}{\downarrow}$	Max.	6000 mm (19'8 7/32'')
$\stackrel{\leftarrow}{=}$	Max.	5000 mm (16'4 27/32'')
→[]←	45–	100 mm (1 25/32'' to 3 15/16'')

running, even with heavy weights

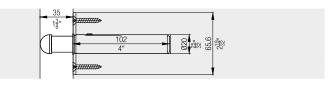
Installation examples



Set for 1 wooden door up to 500 kg (1102 lbs.)

			No.
Hawa Super 500	D A, for 1 door		11673
Set consisting of:		No.	
	Running gear, 3-wheeled, M12, steel wheels	2	10361
Sector Sector	Angle bracket, with suspension plate and suspension bolt M12	2	10442
	Spring loaded buffer, with flange, steel, zinc-plated, for screw fixing	2	10591
99	Bottom guide, groove width 6 mm (1/4"), steel, zinc-plated	1	10508

Spring stop



Running tracks

		mm (inch)	No.
	Running track, stainless steel	6,000 (19' 8 7/32'')	18033
	1.4301/AISI 304, pre-drilled	cut to size	18034
	Running track, with mounting flanges, stainless steel 1.4301/AISI 304, pre-drilled	6,000 (19' 8 7/32'')	18035
		cut to size	18036

Accessories

		No.
ŀ	Cover plate for plate, steel, nickel plated matt	10499
	Track stopper, for screw fixing, steel, zinc-plated	10595

Accessories

- Hawa Junior bottom guides for wall mounting from page 508
- General accessories from page 518

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

Product highlights

Comfort

Flexibility

Fitting for top-running wooden doors up to 500 kg (1102 lbs.), with screwed on running track. Without soft and self closing system. Ceiling mounting.

High quality steel ball bearing roller for quiet, smooth

Can also be used as a fire protection door with

running, even with heavy weights

supplementary parts

Technical specifications 尒 Max. 500 kg (1102 lbs.) \uparrow Max. 6000 mm (19'8 7/32'') $\leftarrow \rightarrow$ 5000 mm (16'4 27/32'') Max. 45-100 mm (1 25/32" to 3 15/16") →[]← Installation examples $2\frac{17}{32}$ $2\frac{17}{32}$ \bigcirc [[4 ÷. ଶ୍ୱାଚ 33 32 32 285 $1\frac{1}{4}$ $11\frac{7}{32}$ " +2 -2 +2-2 $+\frac{2}{32}$ $\frac{2}{32}$ K $\frac{287}{11\frac{5}{16}}$ 2 32 TH = H - 69TH = H - 233TH = H -69 TH = H - 2<u>32</u> 1 1년 - 19 1<u>9</u> 1<u>1</u>9 1 19 문 9 <u>19</u>

80

Set for 1 wooden door up to 500 kg (1102 lbs.)

			No.
Hawa Super 500	DB, for 1 door		11655
Set consisting of:		No.	
CO ^{TO}	Running gear, 4-wheeled, M12, steel wheels	2	10362
Research In the second se	Angle bracket, with suspension plate and suspension bolt M12	2	10442
	Spring loaded buffer, with flange, steel, zinc-plated, for screw fixing	2	10591
	Bottom guide, groove width 6 mm (1/4"), steel, zinc-plated	1	10508

Running tracks

		mm (inch)	No.
tra	Double running track, with mounting flanges, stainless steel 1.4301/AISI 304, pre-drilled	6,000 (19' 8 7/32'')	18039
		cut to size	18040
	Double running track, with flush mounting	6,000 (19' 8 7/32'')	18496
	flanges, stainless steel 1.4301/AISI 304, pre-drilled	cut to size	18497

Accessories

		No.
Ì	Cover plate for plate, steel, nickel plated matt	10499
6610	Running gear, 4-wheeled, M12, steel-rollers, for fire doors	15558
	Track stopper, to be drilled into the track, steel, zinc-plated	16768

Accessories

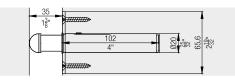
- Hawa Junior bottom guides for wall mounting from page 508
- General accessories from page 518

Spring stop

Planning/execution

on www.hawa.com.

Further information about the product can be found



Subject to technical modifications. Metric specifications are exact. Inches are approximate.

Hawa Divido for wooden sliding walls One system, countless possibilities

Wooden sliding walls are naturally predestined for making rooms usable in a flexible way. And the Hawa Divido partition wall system ensures there are few limits to your design options. Wooden sliding walls can be implemented with top or bottom running, fitted to the walls or the ceiling, fitted perfectly into sloping ceilings and, move synchronously and provide full accessibility - all with the same system. Then come the sophisticated additions such as the stacking system which has been specially developed for Hawa Divido. It allows large openings to be closed with several narrow elements rather than one wide sliding element and then park them in a very small space. It isn't just the technology which is elegant with Hawa Divido: With its clean design, low installation height, attractive panels and wide range of design options, it looks good in every respect.



Area of application

Variable use of space and privacy in offices and residential areas, such as retirement homes, public buildings, detached houses and apartment blocks with a high construction standard, and also hotels.

System advantages

$\langle \rangle$	Flexibility	Stacking, synchronized solutions and sloping ceilings based on standard systems
	Productivity	Productive installation thanks to minimum number of adjusting and screw-on locations, easy adaptation to sloping ceilings
Ŷ	Comfort	Smooth, quiet door sliding thanks to high-performance running gears with precision ball bearings
٢	Aesthetics	Technology integrated in the running track and minimal installation height make design options for every requirement possible

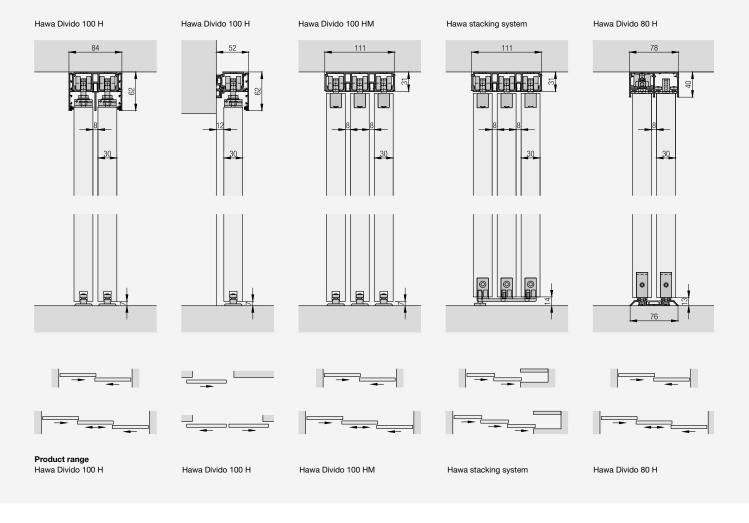
Technical specifications

\triangle	Max.	80/100 kg
↑[] ↓	Max.	2400 mm
$\leftarrow \rightarrow$	Max.	1200/2000 mm
→[]←		28–30 mm

Good to know (accessories)

- Stacking system
- Sloping ceilings
- Soft and self closing mechanism (Additional for two synchronously running doors)
- 4-point guidance

Installation examples



Product highlights

Productivity

Fitting for bottom-running wooden doors up to 80 kg (176 lbs.), with surface or recess mounted running track. With soft and self closing mechanism.

One, two or three track system for doors or

Multi-track guide and running tracks reduce

room dividers

installation cost	
Technical specifications	
Max. 80 kg (176 lbs.)	
↑ Max. 2400 mm (7' 10 7/16'')	
→[]← 28–30 mm (1 3/32'' to 1 3/16'')	
Installation examples	
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	$\begin{array}{c} 30 & 8 & 30 & 8 & 30 \\ 1 \frac{1}{16} & 1 \frac{1}{31} & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & 0 & 0 & 0 \\ \hline \\ 18 & $

Set for 1 wooden door up to 80 kg (176 lbs.)

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Running tracks	
(overview on page 535)	

			No.
Hawa Divido 80 H, for 1 door		042.3026.075	
Set consisting of: 045.3026.075			No.
Base	Running gear, bottom running, steel	2	042.3018.071
3	Adapter for wooden door, plastic, anthracite	2	042.3036.001
Granding	Flat countersunk head chipboard screw, 4x60 mm (5/32"x2 3/8"), steel, zinc-plated	4	600.0000.139
	Stopper to running track Hawa Divido 80, plastic, grey	2	042.3008.071
\bigcirc	Soft closing gum, plastic, grey	2	042.0126.001
	Track end piece, plastic, grey	1	042.3046.001
	Set top guide	1	042.3032.172
	Stopper to guide track, plastic, grey	2	042.3012.071

		mm (inch)	No.
	Running track,	6,000 (19' 8 7/32'')	042.3089.600
G	aluminum, anodized, - flush mounted		042.3089.990
		2,500 (8' 2 7/16'')	042.3037.250
	Single running track for 042.3039.,	3,500 (11' 5 25/32'')	042.3037.350
G	aluminum, anodized	6,000 (19' 8 7/32'')	042.3037.600
		cut to size	042.3037.990
	Mounting track for 042.3037., aluminum,	6,000 (19' 8 7/32'')	042.3039.600
	anodized	cut to size	042.3039.990
	Single running track, aluminum, anodized, surface mounted	6,000 (19' 8 7/32'')	042.3040.600
		cut to size	042.3040.990
	Double running track, aluminum, anodized,	6,000 (19' 8 7/32'')	042.3041.600
	pre-drilled, surface mounted	cut to size	042.3041.990
	Single running track, for glue fixing,	6,000 (19' 8 7/32'')	042.3080.600
*	aluminum, anodized, surface mounted	cut to size	042.3080.990
	Double running track, aluminum, anodized,		042.3081.600
	pre-drilled, surface mounted	cut to size	042.3081.990
	Triple running track, aluminum, anodized,	6,000 (19' 8 7/32'')	042.3082.600
	pre-drilled, surface mounted	cut to size	042.3082.990
	Clip cover for 042.3039./042.3041./	6,000 (19' 8 7/32'')	042.3038.600
042.3081./042.3082., aluminum, anodized		cut to size	042.3038.990

Track end piece set for single running tracks

	No.
 Track-end piece to 042.3089., plastic, gray, 2-piece set	042.3090.081
Track-end piece to 042.3080., plastic, gray, 2-piece set	042.3087.081

Guide tracks

		mm (inch)	No.
	Single guide track,	2,500 (8' 2 7/16'')	042.3049.250
		3,500 (11' 5 25/32'')	042.3049.350
4	aluminum, anodized	6,000 (19' 8 7/32'')	042.3049.600
		cut to size	042.3049.990
	Double guide track, aluminum, anodized, flush mounting	2,500 (8' 2 7/16'')	042.3011.250
		3,500 (11' 5 25/32'')	042.3011.350
4		6,000 (19' 8 7/32'')	042.3011.600
		cut to size	042.3011.990
Triple guide track,	6,000 (19' 8 7/32'')	042.3085.600	
aluminum, anodized		cut to size	042.3085.990

Soft close

For soft closing in opening and closing direction order 2 sets.

				No.
Soft close Hawa Divido 80, 61–80 kg (133 to 176 lbs.), 1 piece			042.3103.071	
Soft close Hawa 10–60 kg (22 to	a Divido 80, 132 lbs.), 1 piece			042.3103.072
Set consisting	of:	042.3103.071	042.3103.072	No.
Service	Soft close, bottom running, 61–80 kg (134 to 176 lbs.), plastic	1		042.3107.071
	Damper support, bottom running, plastic	1	1	042.3108.001
	Support bracket, bottom running, steel, zinc-plated	1	1	042.3110.101
	Stopper with trigger, plastic	1	1	042.3109.071
Janman and a start and a start	Flat countersunk head chipboard screw, 4x60 mm (5/32"x2 3/8"), steel, zinc-plated	2	2	600.0000.139
2ls	Cross recessed flat countersunk head screw, M4x50 mm (5/32"x1 31/32"), steel, zinc-plated	2	2	600.0000.492
Sundana	Soft close, bottom running, 10–60 kg (22 to 132 lbs.), plastic		1	042.3107.072

Wall compensation profiles

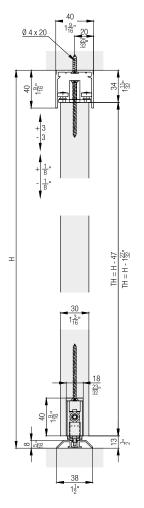
	mm (inch)	No.
Wall compensation profile, with sealing	2,500 (8' 2 7/16'')	042.3064.071
profile gray, aluminum, anodized	3,000 (9' 10 1/8 '')	042.3064.072

Intermediate stop (cannot be used in conjunction with soft closing mechanism)

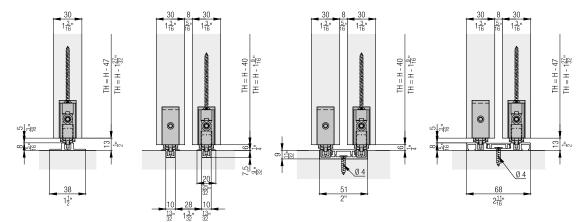
		No.
- All All All All All All All All All Al	Intermediate stop, plastic, gray	042.3031.071

Hawa Divido 80 H

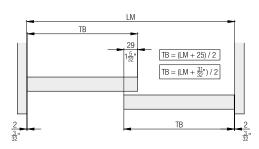
Further installation examples



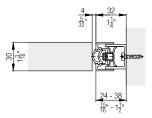
Installation examples running tracks



Calculations

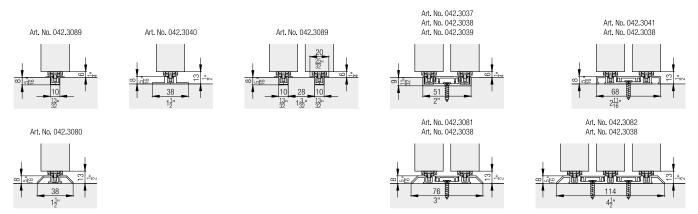


Wall compensation profile

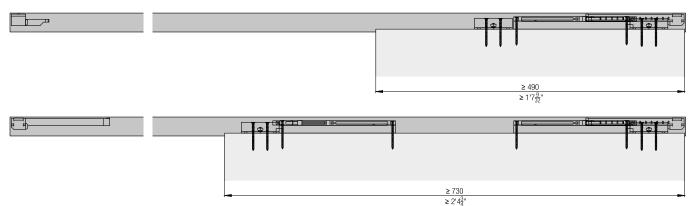




Overview running tracks



Soft close



Accessories

- Hawa Divido overview from page 535

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

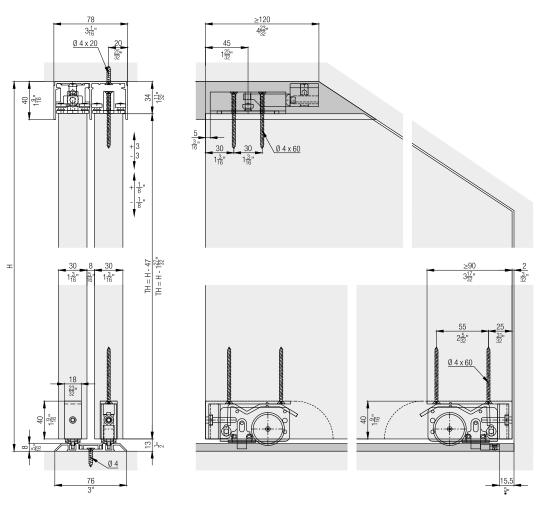
Fitting for bottom-running wooden doors up to 80 kg (176 lbs.), with surface or recess mounted running track. System for sloping ceilings.

Prod	luct highlights	3					/
$\langle \rangle$	Flexibility	Two track systems can also be implemented in sloping ceilings as room dividers	<u> </u>				
Ŷ	Comfort	Smooth running thanks to high-quality ball bearing	gs			X	
Technical specifications			Q	٥	۵	٥	
\triangle	Max.	80 kg (176 lbs.)					
$\mathop{\uparrow}_{\downarrow}$	Max.	2400 mm (7' 10 7/16'')					
$\stackrel{\leftarrow}{\longrightarrow}$	Max.	2000 mm (6' 6 3/4'')		_			H

Installation examples

→[]←

28-30 mm (1 3/32" to 1 3/16")



Set for 1 wooden door up to 80 kg (176 lbs.)

Running tracks
(overview on page 535)

			No.	(overview on
Hawa Divido 80	H, for 1 door		042.3026.075	
Set consisting	of:	042.3026.075	No.	
	Running gear, bottom running, steel	2	042.3018.071	
0	Adapter for wooden door, plastic, anthracite	2	042.3036.001	ST.
O management	Flat countersunk head chipboard screw, 4x60 mm (5/32"x2 3/8"), steel, zinc-plated	4	600.0000.139	
	Stopper to running track Hawa Divido 80, plastic, grey	2	042.3008.071	
\bigcirc	Soft closing gum, plastic, grey	2	042.0126.001	
	Track end piece, plastic, grey	1	042.3046.001	
	Set top guide	1	042.3032.172	
	Stopper to guide track, plastic, grey	2	042.3012.071	

		mm (inch)	No.
	Running track, aluminum, anodized,	6,000 (19' 8 7/32'')	042.3089.600
	flush mounted	cut to size	042.3089.990
		2,500 (8' 2 7/16'')	042.3037.250
	Single running track for 042.3039	3,500 (11' 5 25/32'')	042.3037.350
G .	aluminum, anodized	6,000 (19' 8 7/32'')	042.3037.600
		cut to size	042.3037.990
	Mounting track for 042.3037., aluminum,	6,000 (19' 8 7/32'')	042.3039.600
	anodized	cut to size	042.3039.990
	Single running track, aluminum, anodized, surface mounted	6,000 (19' 8 7/32'')	042.3040.600
		cut to size	042.3040.990
	Double running track, aluminum, anodized, pre-drilled, surface mounted	6,000 (19' 8 7/32'')	042.3041.600
		cut to size	042.3041.990
	Single running track, for glue fixing,	6,000 (19' 8 7/32'')	042.3080.600
*	aluminum, anodized, surface mounted	cut to size	042.3080.990
	Double running track, aluminum, anodized,	6,000 (19' 8 7/32'')	042.3081.600
	pre-drilled, surface mounted	cut to size	042.3081.990
	Clip cover for 042.3039./042.3041./	6,000 (19' 8 7/32'')	042.3038.600
	042.3081./042.3082., aluminum, anodized	cut to size	042.3038.990

Track end piece set for single running tracks

	No.
Track-end piece to 042.3089., plastic, gray, 2-piece set	042.3090.081

Guide tracks

		mm (inch)	No.
	Single guide track, aluminum, anodized	2,500 (8' 2 7/16'')	042.3049.250
		3,500 (11' 5 25/32'')	042.3049.350
4		6,000 (19' 8 7/32'')	042.3049.600
		cut to size	042.3049.990
	Double guide track, aluminum, anodized, flush mounting	2,500 (8' 2 7/16'')	042.3011.250
		3,500 (11' 5 25/32'')	042.3011.350
		6,000 (19' 8 7/32'')	042.3011.600
		cut to size	042.3011.990

Wall compensation profiles

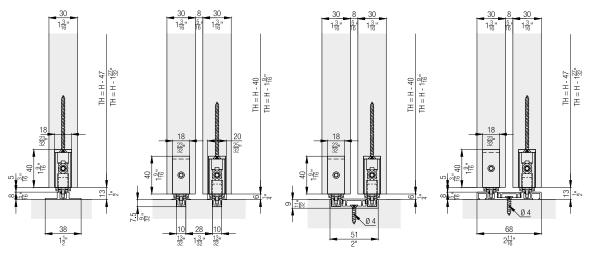
		mm (inch)	No.
	Wall compensation profile, with sealing	2,500 (8' 2 7/16'')	042.3064.071
	profile gray, aluminum, anodized	3,000 (9' 10 1/8 '')	042.3064.072

Intermediate stop (cannot be used in conjunction with soft closing mechanism)

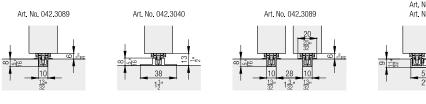
		No.
- All	Intermediate stop, plastic, gray	042.3031.071

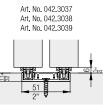


Installation examples running tracks

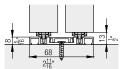


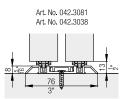
Overview running tracks



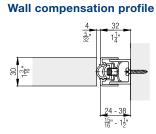








Art. No. 042.3080



Accessories

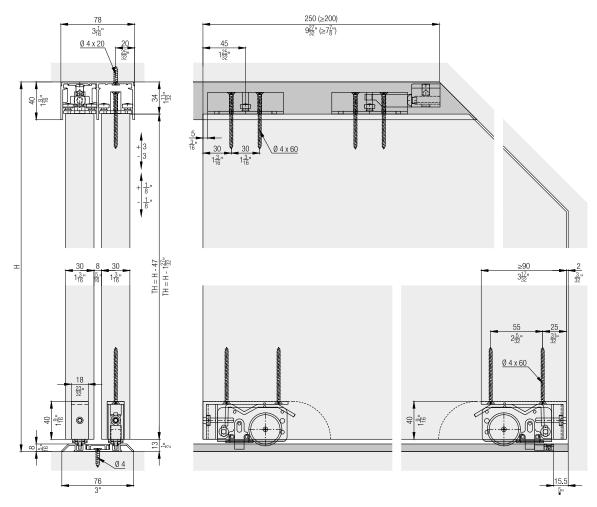
- Hawa Divido overview from page 535

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

Fitting for bottom-running wooden doors up to 80 kg (176 lbs.), with surface or recess mounted running track. System for sloping ceilings.



Installation examples



Set for 1 wooden door up to 80 kg (176 lbs.)

Running tracks					
(overview on page 535)					

				(overvie
			No.	
Hawa Divido 80	H, for 1 door		042.3026.075	
Set consisting	of:	042.3026.075	No.	
1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 10000 - 1000 - 10000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 -	Running gear, bottom running, steel	2	042.3018.071	
0	Adapter for wooden door, plastic, anthracite	2	042.3036.001	St.
Ormaniana	Flat countersunk head chipboard screw, 4x60 mm (5/32"x2 3/8"), steel, zinc-plated	4	600.0000.139	
	Stopper to running track Hawa Divido 80, plastic, grey	2	042.3008.071	
\bigcirc	Soft closing gum, plastic, grey	2	042.0126.001	
	Track end piece, plastic, grey	1	042.3046.001	
	Set top guide	1	042.3032.172	R
	Stopper to guide track, plastic, grey	2	042.3012.071	

		mm (inch)	No.
	Running track,	6,000 (19' 8 7/32'')	042.3089.600
	aluminum, anodized, flush mounted	cut to size	042.3089.990
		2,500 (8' 2 7/16'')	042.3037.250
	Single running track for 042.3039.,	3,500 (11' 5 25/32'')	042.3037.350
G .	aluminum, anodized	6,000 (19' 8 7/32'')	042.3037.600
		cut to size	042.3037.990
	Mounting track for 042.3037., aluminum,	6,000 (19' 8 7/32'')	042.3039.600
	anodized	cut to size	042.3039.990
	Single running track, aluminum, anodized, surface mounted	6,000 (19' 8 7/32'')	042.3040.600
		cut to size	042.3040.990
	Double running track, aluminum, anodized,	6,000 (19' 8 7/32'')	042.3041.600
	pre-drilled, surface mounted	cut to size	042.3041.990
	Single running track, for glue fixing,	6,000 (19' 8 7/32'')	042.3080.600
	aluminum, anodized, surface mounted	cut to size	042.3080.990
	Double running track, aluminum, anodized,	6,000 (19' 8 7/32'')	042.3081.600
	pre-drilled, surface mounted	cut to size	042.3081.990
	Clip cover for 042.3039./042.3041./	6,000 (19' 8 7/32'')	042.3038.600
	042.3081./042.3082., aluminum, anodized	cut to size	042.3038.990

Track end piece set for single running tracks

	No.	
Track-end piece to 042.3089., plastic, gray, 2-piece set	042.3090.081	

Guide tracks

		mm (inch)	No.
	Single guide track, aluminum, anodized	2,500 (8' 2 7/16'')	042.3049.250
		3,500 (11' 5 25/32'')	042.3049.350
4		6,000 (19' 8 7/32'')	042.3049.600
		cut to size	042.3049.990
	Double guide track, aluminum, anodized, flush mounting	2,500 (8' 2 7/16'')	042.3011.250
		3,500 (11' 5 25/32'')	042.3011.350
		6,000 (19' 8 7/32'')	042.3011.600
		cut to size	042.3011.990

Soft close

For soft closing in opening and closing direction order 2 sets.

				No.
Soft close Hawa Divido 80, 61–80 kg (133 to 176 lbs.), 1 piece			042.3103.071	
Soft close Hawa 10–60 kg (22 to	a Divido 80, 132 lbs.), 1 piece			042.3103.072
Set consisting	of:	042.3103.071	042.3103.072	No.
Service	Soft close, bottom running, 61–80 kg (134 to 176 lbs.), plastic	1		042.3107.071
	Damper support, bottom running, plastic	1	1	042.3108.001
	Support bracket, bottom running, steel, zinc-plated	1	1	042.3110.101
	Stopper with trigger, plastic	1	1	042.3109.071
Janman and a start and a start	Flat countersunk head chipboard screw, 4x60 mm (5/32"x2 3/8"), steel, zinc-plated	2	2	600.0000.139
LIS.	Cross recessed flat countersunk head screw, M4x50 mm (5/32"x1 31/32"), steel, zinc-plated	2	2	600.0000.492
Service	Soft close, bottom running, 10–60 kg (22 to 132 lbs.), plastic		1	042.3107.072

Wall compensation profiles

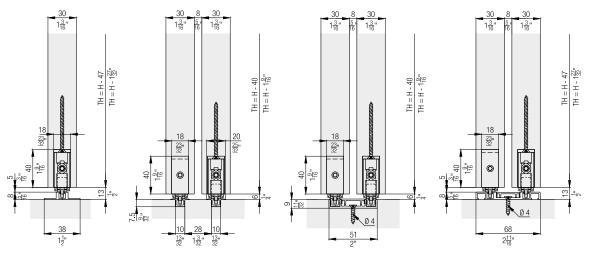
	mm (inch)	No.
Wall compensation profile, with sealing profile gray, aluminum, anodized	2,500 (8' 2 7/16'')	042.3064.071
	3,000 (9' 10 1/8 '')	042.3064.072

Intermediate stop (cannot be used in conjunction with soft closing mechanism)

		No.
- A	Intermediate stop, plastic, gray	042.3031.071

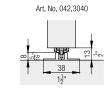


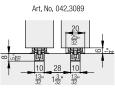
Installation examples running tracks

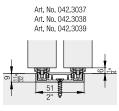


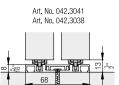
Overview running tracks











Art. No. 042.3081 Art. No. 042.3038

 $2\frac{11}{16}$

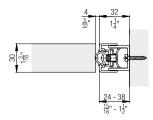
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Art. No. 042.3080

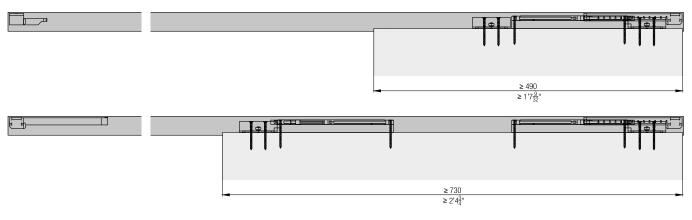


Wall compensation profile



Subject to technical modifications. Metric specifications are exact. Inches are approximate.

Soft close



Accessories – Hawa Divido overview from page 535 **Planning/execution** Further information about the product can be found on www.hawa.com.

Fitting for bottom-running wooden doors up to 80 kg (176 lbs.), with surface or recess mounted running track. System for sloping ceilings.

Two track systems can also be implemented in sloping ceilings as room dividers Multi-track guide and running tracks reduce installation cost	
tions 80 kg (176 lbs.) 2400 mm (7' 10 7/16'') 2000 mm (6' 6 3/4'') m (1 3/32'' to 1 3/16'')	
es $ \begin{array}{ccccccccccccccccccccccccccccccccccc$	

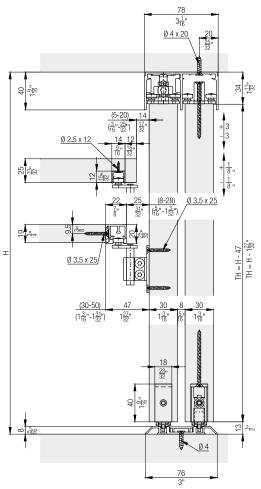
Product highlights

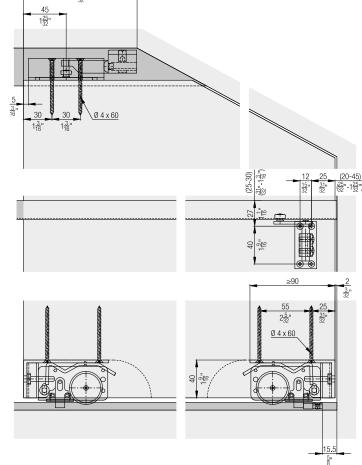
Productivity

Technical specifications

\square	Max.	80 kg (176 lbs.)
$\stackrel{\wedge}{\downarrow}$	Max.	2400 mm (7' 10 7/16'')
$\stackrel{\leftarrow}{=}$	Max.	2000 mm (6' 6 3/4'')
→∏←	28-	30 mm (1 3/32'' to 1 3/16'')

Installation examples





Set for 1 wooden door up to 80 kg (176 lbs.)

			No.
Hawa Divido 80 H, for 1 door		042.3026.075	
Set consisting of:		042.3026.075	No.
	Running gear, bottom running, steel	2	042.3018.071
3	Adapter for wooden door, plastic, anthracite	2	042.3036.001
9 mm mm mm mm	Flat countersunk head chipboard screw, 4x60 mm (5/32"x2 3/8"), steel, zinc-plated	4	600.0000.139
	Stopper to running track Hawa Divido 80, plastic, grey	2	042.3008.071
\bigcirc	Soft closing gum, plastic, grey	2	042.0126.001
	Track end piece, plastic, grey	1	042.3046.001
11	Set top guide	1	042.3032.172
	Stopper to guide track, plastic, grey	2	042.3012.071

Runner set intermediate shelf

		No.	
Hawa Divido 80 or aluminum fra	H, DS 3, for 1 wooden me door		042.3048.071
Set consisting of:		042.3048.071	No.
	Guide roller sloping ceiling, steel, zinc-plated	1	042.0129.171
	Bracket sloping ceiling, aluminum	1	042.0130.971
	Stopper guide, plastic, gray	1	040.3007.071
LI S	Thread rolling rounded head screw, M4x8 mm (5/32"x5/16"), steel, zinc-plated	4	762.7007.108

Fixing set for intermediate shelf guide track

			No.
Fixing for runnin	ng and guide track, for H DS 3		042.3065.071
Set consisting of:		042.3065.071	No.
E OF	Safety clip, zinc die-cast, grey	1	040.3090.001
(De	Fixing clip for running/ guiding rails, plastic, grey	14	040.3084.001
6. TAMADAM	Safety pin 4x25 mm (5/32"x5/32"), steel, 4-piece set	1	098.0032.101
No. 100	Cover cap set, plastic, grey, 4-piece set	1	040.0142.001

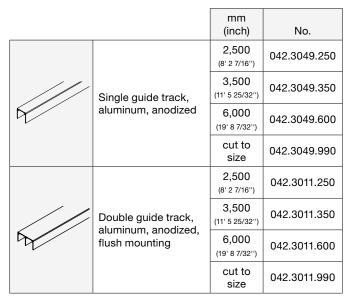
Running tracks (overview on page 535)

		mm (inch)	No.
	Running track, aluminum, anodized,		042.3089.600
G	flush mounted	cut to size	042.3089.990
		2,500 (8' 2 7/16'')	042.3037.250
	Single running track for 042.3039., alu-	3,500 (11' 5 25/32'')	042.3037.350
G .	minum, anodized	6,000 (19' 8 7/32'')	042.3037.600
		cut to size	042.3037.990
	Mounting track for 042.3037., aluminum,	6,000 (19' 8 7/32'')	042.3039.600
	anodized	cut to size	042.3039.990
	Single running track, aluminum, anodized, surface mounted	6,000 (19' 8 7/32'')	042.3040.600
		cut to size	042.3040.990
	Double running track, aluminum, anodized,	6,000 (19' 8 7/32'')	042.3041.600
	pre-drilled, surface mounted	cut to size	042.3041.990
	Single running track, for glue fixing,	6,000 (19' 8 7/32'')	042.3080.600
*	aluminum, anodized, surface mounted	cut to size	042.3080.990
	Double running track, aluminum, anodized,	6,000 (19' 8 7/32'')	042.3081.600
pre-drilled, surface mounted	cut to size	042.3081.990	
	Clip cover for 042.3039./042.3041./	6,000 (19' 8 7/32'')	042.3038.600
042.3081./042.3082., aluminum, anodized	cut to size	042.3038.990	

Track end piece set for single running tracks

		No.
	Track-end piece to 042.3089., plastic, gray, 2-piece set	042.3090.081

Guide tracks



Guide tracks intermediate shelf

		mm (inch)	No.
	Single guide track, aluminum, anodized	2,500 (8' 2 7/16'')	040.3136.250
		3,500 (11' 5 25/32'')	040.3136.350
		6,000 (19' 8 7/32'')	040.3136.600
		cut to size	040.3136.990
	Guide track, alu- minum, pre-drilled	2,500 (8' 2 7/16'')	056.3079.250
		3,500 (11' 5 25/32'')	056.3079.350
		6,000 (19' 8 7/32'')	056.3079.600
		cut to size	056.3079.990

Г

Soft close For soft closing in opening and closing direction order 2 sets.

				No.
Soft close Hawa Divido 80, 61–80 kg (133 to 176 lbs.), 1 piece			042.3103.071	
Soft close Hawa 10–60 kg (22 to	a Divido 80, 132 lbs.), 1 piece			042.3103.072
Set consisting of:		042.3103.071 042.3103.072		No.
Service	Soft close, bottom running, 61–80 kg (134 to 176 lbs.), plastic	1		042.3107.071
	Damper support, bottom running, plastic	1	1	042.3108.001
	Support bracket, bottom running, steel, zinc-plated	1	1	042.3110.101
	Stopper with trigger, plastic	1	1	042.3109.071
Terminantin	Flat countersunk head chipboard screw, 4x60 mm (5/32"x2 3/8"), steel, zinc-plated	2	2	600.0000.139
SI S	Cross recessed flat countersunk head screw, M4x50 mm (5/32"x1 31/32"), steel, zinc-plated	2	2	600.0000.492
Ser of the second	Soft close, bottom running, 10–60 kg (22 to 132 lbs.), plastic		1	042.3107.072

Wall compensation profiles

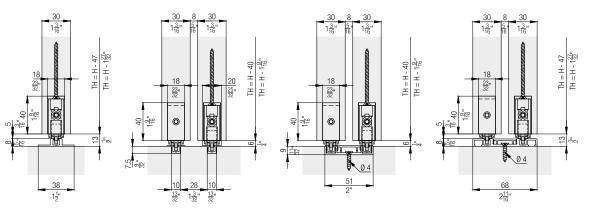
	mm (inch)	No.
Wall compensation profile, with sealing	2,500 (8' 2 7/16'')	042.3064.071
profile gray, alu- minum, anodized	3,000 (9' 10 1/8 '')	042.3064.072

Intermediate stop (cannot be used in conjunction with soft closing mechanism)

		No.
- A	Intermediate stop, plastic, gray	042.3031.071



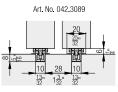
Installation examples running tracks

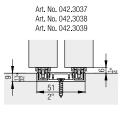


Overview running tracks

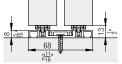




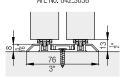






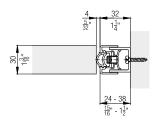


Art. No. 042.3081 Art. No. 042.3038

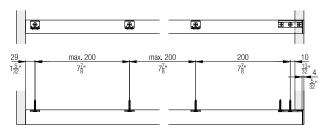


Art. No. 042.3080

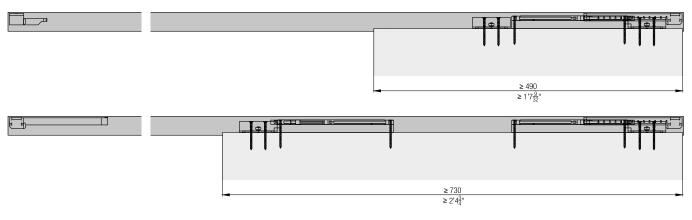
Wall compensation profile



Details of guide track on intermediate shelf



Soft close



Accessories – Hawa Divido overview from page 535 **Planning/execution** Further information about the product can be found on www.hawa.com. **Product highlights** Flexibility

Productivity

Fitting for top-running wooden doors up to 100 kg (220 lbs.), with surface mounted running track. With soft and self closing mechanism. Wall or ceiling mounting.

Ceiling mounting with integrated clip-on panel

Multi-track guide and running tracks reduce

in aluminum or wood

installation cost

Technical specific	ations			
Max.	100 kg (220 lbs.)	٥	Q	Ū Ū
∴ Max.	2400 mm (7' 10 7/16'')			
<pre>↓ Max.</pre>	1200 mm (3' 11 1/4'')			
	nm (1 3/32'' to 1 3/16'')			
>[(< 20-301)				\sim
Installation examp	les			
49 1 ¹ / ₁		* mit Montag with assem avec ouver	ure de montage	80 (135) * 3 ⁵ / ₂ " (5 ⁶ / ₅ ") *
<u>Ø 4 x 20</u> 1 <u>32</u> 1 <u>32</u> "	프 = 프 (10) (10) (10) (10) (10) (10) (10) (10)		TB	

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

			No.
Hawa Porta/Divido 100 H/HC, for 1 door		057.3139.071	
Set consisting of:		057.3139.071	No.
EFO	Running gear, ball bearing, rollers plastic white	2	057.3114.071
A Start	Stopper, with retention spring, plastic, gray	2	057.3073.072
6	Suspension bolt, M8x32 mm (5/16"x1 1/4"), steel, zinc-plated	2	057.0123.104
8	Hexagon locking nut, M8, steel, zinc-plated	2	768.9005.101
	Support bracket, height and lateral adjustable, steel, zinc-plated	2	057.3129.101
×12	Pan head screw, 5x35 mm (3/16"x1 3/8"), steel, zinc-plated	8	766.6051.135
	Bottom guide, with roller, adjustable, plastic, anthracite	1	057.3120.071
SI D	Countersunk head screw, 4x20 mm (5/32"x25/32"), steel, zinc-plated	4	766.5042.120

Running tracks

		mm (inch)	No.
		2,000 (6' 6 3/4 '')	057.3048.200
		2,500 (8' 2 7/16'')	057.3048.250
N'S	Combi running track, aluminum, pre-drilled	3,500 (11' 5 25/32'')	057.3048.350
0.1		6,000 (19' 8 7/32'')	057.3048.600
		cut to size	057.3048.990
	Spacer track, for wall mounting, plastic,	2,000 (6'6 3/4'')	057.3054.200
	gray	cut to size	057.3054.990
		2,500 (8' 2 7/16'')	042.3002.250
	Double running track, aluminum, anodized,	3,500 (11' 5 25/32'')	042.3002.350
	pre-drilled	6,000 (19' 8 7/32'')	042.3002.600
		cut to size	042.3002.990
	Triple running track,	6,000 (19' 8 7/32'')	042.3084.600
N	aluminum, anodized, – pre-drilled	cut to size	042.3084.990
	Disposable cover to running track Hawa	2,000 (6' 6 3/4 '')	057.3098.001
	Divido 100 / Hawa Porta 45/60/100, plastic, black	cut to size	057.3098.990

Panels

		mm (inch)	No.
	Clip-on panel, aluminum, anodized	2,500 (8' 2 7/16'')	042.3004.250
<i>[</i>		3,500 (11' 5 25/32'')	042.3004.350
		6,000 (19' 8 7/32'')	042.3004.600
		cut to size	042.3004.990
	Intermediate panel for	6,000 (19' 8 7/32'')	042.3003.600
	042.3002./042.3084., aluminum, anodized	cut to size	042.3003.990
	Brush seal, gray, in rolls	10,000 (32' 9 11/16'')	053.3040.100



Clip-on components

Clip component for wooden and aluminum panel, every 500 mm (1' 7 11/16''), aluminium, pre-drilled

	•	1
Soft close		
For soft closing	g in opening and closing direct	tion

No.

057.3117.001

order 2 sets.

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				No.
Soft close Hawa Porta 100, Divido 100, 61–100 kg (133 to 220 lbs.), 1 piece		042.3102.071		
	a Porta 60/100, Divido 100, 132 lbs.), 1 piece			042.3102.072
Set consisting	of:	042.3102.071	042.3102.072	No.
and the second s	Soft close, top running, 61–100 kg (133 to 220 lbs.), plastic	1		042.3106.071
	Trigger for soft close in buildings, zinc die casting	1	1	042.3105.001
El S	Screw set soft close	1	1	600.0000.566
	Soft close, top running, 10–60 kg (22 to 132 lbs.), plastic		1	042.3106.072

Cover for assembly opening

			No.
Cover cap to as	sembly opening, 1-piece set		042.3114.071
Set consisting	of:	042.3114.071	No.
	Cover cap assembly opening, plastic, gray	1	042.0172.001
24 D	Screw set soft close	1	600.0000.566

Panel end component set, 49 mm (1 15/16"), aluminum, ceiling mounting

	No.
Panel end component set for 057.3048., 49x60 mm (1 15/16x2 3/8''), aluminum, anodized, for ceiling mounting	042.3028.071

П

Set consisting	of:	042.3028.07	No.
	Panel end component, 49 mm (1 15/16"), aluminum, anodized	1	042.3028.901
	Bracker connector, steel, zinc-plated	2	057.3051.101
۲	Screw, M4x2.6 mm (5/32"x 1/8"), steel, zinc-plated	4	011.0101.171

Panel end component set, 51 mm (2"), aluminum, wall mounting

			No.
Panel end component set for 057.3048., 51x60 mm (2"x2 3/8"), aluminum, anodized, for wall mounting		042.3028.075	
Set consisting	of:	042.3028.075	No.
	Panel end component, 51 mm (2"), aluminum, anodized	1	042.3028.905
000	Bracker connector, steel, zinc-plated	2	057.3051.101
٢	Screw, M4x2.6 mm (5/32"x 1/8"), steel, zinc-plated	4	011.0101.171

Wall compensation profiles

	mm (inch)	No.
Wall compensation profile, with sealing	2,500 (8' 2 7/16'')	042.3064.071
profile gray, aluminum, anodized	3,000 (9' 10 1/8 '')	042.3064.072

Г

Bottom guide set for wall mounting

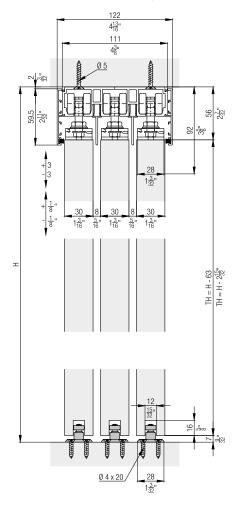
		No.
Set wall	bottom guide for mounting, with roller	057.3128.171

Accessories

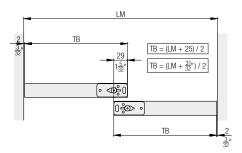
	No.
Routing jig for assembly opening	042.3118.071
Groove cutter to routing jig, Ø= 10 mm (13/32"), hard metal	600.0000.309
 Track cleaner, plastic, blue	057.3099.071



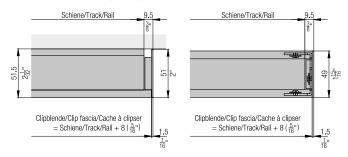
Further installation examples



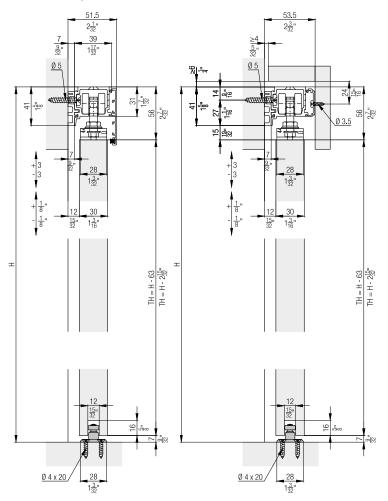
Calculations



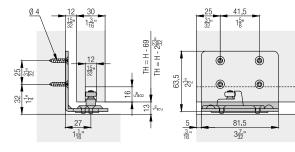
Calculations of clip-on panels



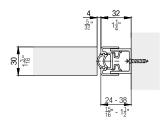
Wall mounting



Wall bracket bottom guide



Wall compensation profile



Soft close

							<u>OID</u>)(0	>			÷0		
*	0	1	Z =	0	2	2	-			≥ 3: ≥ 1'	<u>19</u> " 32	<u>Z = ≥ 5</u> ; = ≥ 1'-		
Hawa Porta 60/100 H/HC Hawa Porta 60/100 HM/HMD/HMT	1' 6 <u>32</u> " 1' 6 <u>32</u> "	1'9 <u>1</u> " 1'9 <u>1</u> " 1'9 <u>1</u> "	1' 11 <u>1</u> " 1' 11 <u>1</u> "	2' 4 <u>3</u> " 2' 4 <u>3</u> "	2' 6 <u>32</u> " 2' 6 <u>32</u> "	2' 9 <u>32</u> " 2' 9 <u>32</u> "			1	Z	-	2		Montageöffnung assembly opening ouverture de montage
Hawa Porta 100 G/GU/GM/GMT Hawa Porta 100 GF	1' 6 <u>32</u> " 1' 6 <u>32</u> "	1'9 <u>1</u> "	1' 114	2' 4 <u>3</u> " 2' 4 <u>3</u> "	2' 632	2' 9 <u>3</u> "	Hawa Porta 60/100 H/HC Hawa Porta 60/100 HM/HMD/HMT	0 480 480	1 535 535	2 590 590	0 730 730	1 785 785	2 840 840	
Hawa Porta 100 GW/GWF Hawa Porta 100 GMD	1' 8 <u>5</u> " 1' 7 <u>7</u> "	1' 9 <u>11</u> " 1' 9 <u>32</u> " 1' 9 <u>32</u> "	1' 11 <u>4</u> " 1' 11 <u>4</u> "	2' 6" 2' 5 <u>1</u> 6"	2' 6 <u>29</u> " 2' 7 <u>1</u> "	2' 7 <u>3</u> " 2' 7 <u>3</u> "		480 480 512	535 542	590 590	730 730 762	785	840	
Hawa Divido 100 H/HM/GR Hawa Divido 100 GRM	1' 6 <u>32</u> " 1' 8 <u>5</u> "	1' 9 <u>1</u> 6" 1' 10 <u>11</u> "	1' 11 <u>1</u> " 1' 0 <u>1</u> "	2' 4 <u>3</u> " 2' 6"	2' 6 <u>32</u> " 2' 8 <u>5</u> "	2' 9 <u>3</u> " 2' 10 <u>11</u> "	Hawa Porta 100 GMD Hawa Divido 100 H/HM/GR Hawa Divido 100 GRM	488 480 512	539 535 567	590 590 622	738 730 762	789 785 817	840 840 872	
Beldsettig gedämptte Ausführungen ohne stim- seitigen Zugang erfordern zwei Montageöffnungen. ≥ 570 Versions with soft Closing mechanism at both sides without access from the leading edge require two assembly openings. $\geq 1'-10\frac{7}{16}''$ Les versions avec amortissement bilatéral sans accès fornal leading t deux couvertures de montage. $Z = \ge 2'-9\frac{1}{16}''$														

≥ <u>62</u> ≥ 2 <u>7</u> 16")	0			ŝ		$\geq \frac{2}{216}$
			Z	=						≥ 3				
		1	_		2					≥1'	32	7	= ≥ 480	
*	0	1	2	0	1	2	-						$\geq 1' - 6\frac{29}{32}$	<u>9</u>
Hawa Porta 60/100 H/HC	1' 6 <u>29</u> "	1' 9 <u>1</u> "	$1' 11\frac{1}{4}''$	2' 4 <u>3</u> "	2' 6 <u>29</u> "	2' 9 <u>3</u> "		1		Z	_			- Montageöffnung
Hawa Porta 60/100 HM/HMD/HMT	1' 6 <u>29</u> "	1' 9 <u>1</u> "	1' 11 <u>1</u> "	2' 4 <u>3</u> "	2' 6 <u>29</u> "	2' 9 <u>3</u> "			1		-	2		assembly opening
Hawa Porta 100 G/GU/GM/GMT	1' 6 <u>29</u> "	1'9 <u>1</u> "	1' 11 <u>1</u> "	2' 4 <u>3</u> "	2' 6 <u>29</u> "	2' 9 <u>3</u> "	*	0	1	2	0	1	2	ouverture de montage
Hawa Porta 100 GF	1' 6 <u>29</u> "	\boxtimes	\boxtimes	2' 4 <u>3</u> "	\boxtimes	\bigtriangledown	Hawa Porta 60/100 H/HC	480	535	590	730	785	840	$\begin{bmatrix} 62\\ 2\frac{7}{16} \end{bmatrix}$
Hawa Porta 100 GW/GWF	1' 8 <u>5</u> "	1' 9 <u>11</u> "	1' 11 <u>1</u> "	2' 6"	2' 6 <u>29</u> "	2' 7 <u>3</u> "	Hawa Porta 60/100 HM/HMD/HMT Hawa Porta 100 G/GU/GM/GMT	480 480	535 535	590 590	730 730	785 785	840 840	02
Hawa Porta 100 GMD	1' 7 <u>7</u> "	1'9 <u>7</u> "	1'11 <u>1</u> "	2' 5 <u>1</u> "	2' 7 <u>1</u> "	2' 7 <u>3</u> "	Hawa Porta 100 GF Hawa Porta 100 GW/GWF	480	542	590	730 762	792	840	
Hawa Divido 100 H/HM/GR	1' 6 <u>29</u> "	1' 9 <u>1</u> "	1'11 <u>1</u> "	2' 4 <u>3</u> "	2' 6 <u>29</u> "	2' 9 <u>3</u> "	Hawa Porta 100 GMD	488	539	590	738	789	840	
Hawa Divido 100 GRM	1' 8 <u>5</u> "	1' 10 <u>11</u> "	1'0 <u>1</u> "	2' 6"	2' 8 <u>5</u> "	2' 10 <u>11</u> "	Hawa Divido 100 H/HM/GR Hawa Divido 100 GRM	480 512	535 567	590 622	730 762	785 817	840 872	
≥ 570 $\geq 1^{1} \cdot 10\frac{7}{16}$														
$Z = \ge 7.30$ $Z = \ge 2^{-}.4\frac{3}{4}$														

Accessories

- Hawa 4-point guidance from page 521

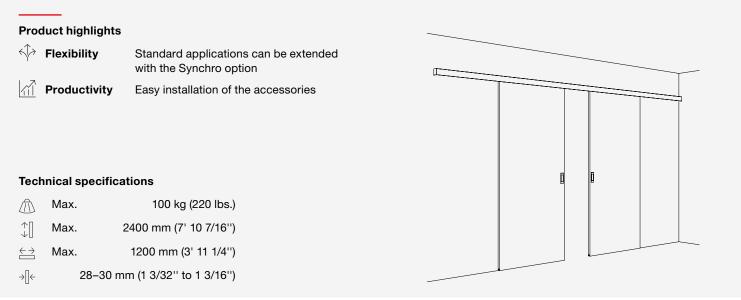
- Hawa stacking system from page 523

- Hawa Divido overview from page 535

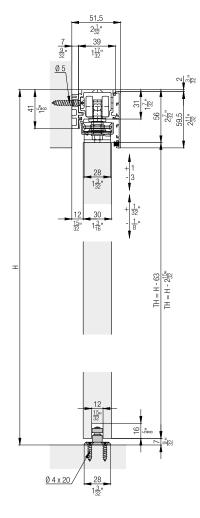
Planning/execution

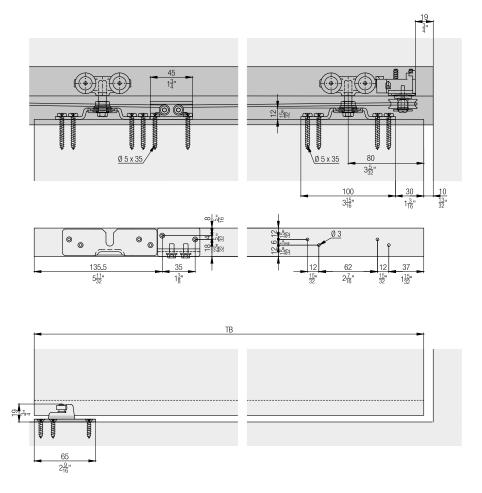
Further information about the product can be found on www.hawa.com.

Fitting for 2 synchronously opening wooden doors up to 100 kg (220 lbs.), with surface mounted running track. Wall or ceiling mounting.



Installation examples





Set for 1 wooden door up to 100 kg (220 lbs.) (order 2x)

Syne	chro	set
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Image: Set consisting of:Running gear, ball bearing, rollers plastic white2057.3114.071Stopper, with retention spring, plastic, gray2057.3073.072Suspension bolt, M8x32 mm (5/16"x1 1/4"), steel, zinc-plated2057.0123.104Hexagon locking nut, M8, steel, zinc-plated2057.3129.101Support bracket, height and lateral adjustable, steel, zinc-plated2057.3129.101Pan head screw, 5x35 mm (3/16"x1 3/8"), steel, zinc-plated8766.6051.135Bottom guide, with roller, adjustable, plastic, anthracite1057.3120.071				No.
Running gear, ball bearing, rollers plastic white2057.3114.071Stopper, with retention spring, plastic, gray2057.3073.072Suspension bolt, M8x32 mm (5/16"x1 1/4"), steel, zinc-plated2057.0123.104Hexagon locking nut, M8, steel, zinc-plated2768.9005.101Support bracket, height and lateral adjustable, steel, zinc-plated2057.3129.101Pan head screw, 5x35 mm (3/16"x1 3/8"), steel, zinc-plated8766.6051.135Bottom guide, with roller, adjustable, plastic, anthracite1057.3120.071	Hawa Porta/Div	057.3139.071		
Image: Constraint of the second sec	Set consisting	of:	057.3139.071	No.
Spring, plastic, gray2057.3073.072Suspension bolt, M8x32 mm (5/16"x1 1/4"), steel, zinc-plated2057.0123.104Hexagon locking nut, M8, steel, zinc-plated2768.9005.101Support bracket, height and lateral adjustable, steel, zinc-plated2057.3129.101Pan head screw, 5x35 mm (3/16"x1 3/8"), steel, zinc-plated8766.6051.135Bottom guide, with roller, adjustable, plastic, anthracite1057.3120.071	ESTO		2	057.3114.071
M8x32 mm (5/16"x1 1/4"), steel, zinc-plated2057.0123.104OmegaHexagon locking nut, M8, steel, zinc-plated2768.9005.101OmegaSupport bracket, height and lateral adjustable, steel, zinc-plated2057.3129.101OmegaPan head screw, 5x35 mm (3/16"x1 3/8"), steel, zinc-plated8766.6051.135OmegaBottom guide, with roller, adjustable, plastic, anthracite1057.3120.071	a fair		2	057.3073.072
steel, zinc-plated 2 768.9005.101 Support bracket, height and lateral adjustable, steel, zinc-plated 2 057.3129.101 Pan head screw, 5x35 mm (3/16"x1 3/8"), steel, zinc-plated 8 766.6051.135 Bottom guide, with roller, adjustable, plastic, anthracite 1 057.3120.071	Ø	M8x32 mm (5/16"x1 1/4"),	2	057.0123.104
and lateral adjustable, steel, zinc-plated2057.3129.101Pan head screw, 5x35 mm (3/16"x1 3/8"), steel, zinc-plated8766.6051.135Bottom guide, with roller, adjustable, plastic, anthracite1057.3120.071	8		2	768.9005.101
StateSx35 mm (3/16"x1 3/8"), steel, zinc-plated8766.6051.135Bottom guide, with roller, adjustable, plastic, anthracite1057.3120.071		and lateral adjustable, steel,	2	057.3129.101
adjustable, plastic, anthracite 1 057.3120.071		5x35 mm (3/16"x1 3/8"),	8	766.6051.135
		adjustable, plastic,	1	057.3120.071
	SIS.		4	766.5042.120

		No.			
	Hawa Porta 60/100 H/HC and Hawa Divido 100 H, Synchro, for 2 doors				
Set consisting	of:	mm (inch)	042.3027.072	No.	
	Deviating roller, ball bearing			055.0101.001	
(ep	Cable safety, steel, zinc-plated			056.0124.101	
0000	Clamp piece, steel, zinc-plated			057.0113.101	
	Kevlar cable, D= 2.5 mm (3/32") 10,000 (32' 9 11/16")			752.0059.104	
0	Flat washer, M5, 5.3/15/2 mm (3/16"/19/32"/3/32"), steel, 2 zinc-plated			600.0000.681	
SI >>	Rounded head screw, 5x25 mm (3/16"x31/32"), steel, zinc-plated2			762.9455.000	
2U>	Head cap screw, with flange, M5x10 mm (3/16"x13/32"), steel, zinc-plated			762.9365.000	
242	Pan head screw, 5x35 mm (3/16"x1 3/8"), steel, 4 zinc-plated			766.6051.135	

Hawa Divido 100 H Synchro

Running tracks

	mm (inch)	No.
	2,500 (8' 2 7/16'')	057.3048.250
 Combi running track, aluminum, pre-drilled	3,500 (11' 5 25/32'')	057.3048.350
	6,000 (19' 8 7/32'')	057.3048.600
	cut to size	057.3048.990
Spacer track,		057.3054.200
for wall mounting, plastic, gray	cut to size	057.3054.990
Disposable cover to running track Hawa	2,000 (6' 6 3/4 '')	057.3098.001
Divido 100 / Hawa Porta 45/60/100, plastic, black	cut to size	057.3098.990

Clip-on components

	No.
Clip component for wooden and aluminum panel, every 500 mm (1' 7 11/16''), aluminium, pre-drilled	057.3117.001

Panels

		mm (inch)	No.
		2,500 (8' 2 7/16'')	042.3004.250
	Clip-on panel, aluminum, anodized	3,500 (11' 5 25/32'')	042.3004.350
		6,000 (19' 8 7/32'')	042.3004.600
		cut to size	042.3004.990
	Brush seal, gray, in rolls	10,000 (32' 9 11/16'')	053.3040.100

Panel end component set, 51 mm (1 15/16"), aluminum, ceiling mounting

			No.
Panel end comp 49x60 mm (1 15 for ceiling moun	042.3028.071		
Set consisting	of:	042.3028.071	No.
	Panel end component, 49 mm (1 15/16"), aluminum, anodized	1	042.3028.901
	Bracker connector, steel, zinc-plated	2	057.3051.101
0	Screw, M4x2.6 mm (5/32"x 1/8"), steel, zinc-plated	4	011.0101.171

Panel end component set, 51 mm (2"), aluminum, wall mounting

		No.
Panel end component set for 057.3048., 51x60 mm (2"x2 3/8"), aluminum, anodized, for wall mounting		042.3028.075
	3028.075	No.

Set consisting	042.3		
	Panel end component, 51 mm (2"), aluminum, anodized	1	042.3028.905
0	Bracker connector, steel, zinc-plated	2	057.3051.101
0	Screw, M4x2.6 mm (5/32"x 1/8"), steel, zinc-plated	4	011.0101.171

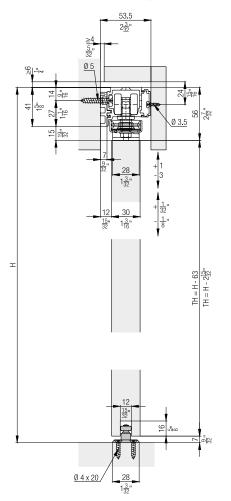
Bottom guide set for wall mounting

	No.
Set bottom guide for wall mounting, with roller	057.3128.171

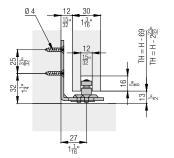
Accessories

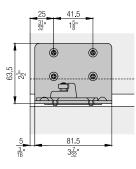
		No.
500 F	Track cleaner, plastic, blue	057.3099.071

Further installation examples

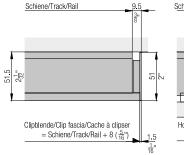


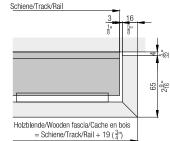
Wall bracket bottom guide



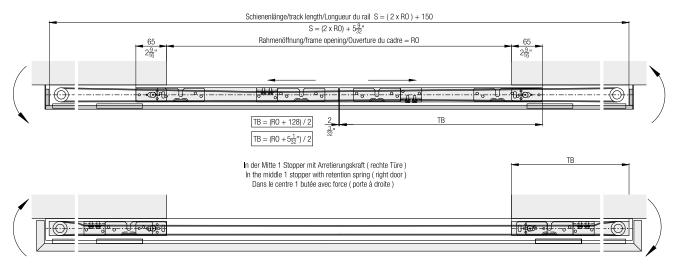


Calculations of clip-on panels





Calculations



Accessories

- Hawa 4-point guidance from page 521

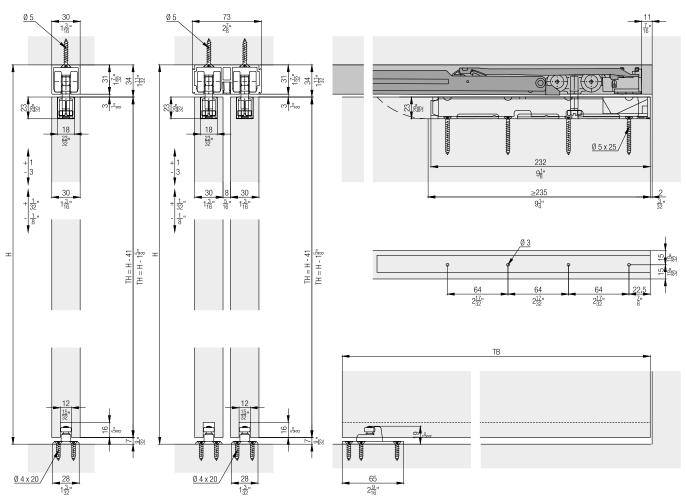
- Hawa Divido overview from page 535

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

Fitting for top-running wooden doors up to 100 kg (220 lbs.), with surface mounted running track. With soft and self closing mechanism. Ceiling mounting. Minimal installation height.

Prod	luct highlights							
$\langle \rangle$	Flexibility	Ceiling-integrated or surface-mot with the same system	unted installation	<				
	Productivity	Tool-less door mounting						
Tech	inical specifica	itions		0		0	٥	۵
	Max.	100 kg (220 lbs.)						
$\mathop{\uparrow}_{\downarrow}$	Max.	2400 mm (7' 10 7/16'')						
$\leftarrow \rightarrow$	Max.	1200 mm (3' 11 1/4'')						
$\rightarrow [] \leftarrow$	28–30 m	ım (1 3/32'' to 1 3/16'')	/	J	J			

Installation examples



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

			No.
Hawa Porta 100 HM/HMD and Hawa Divido 100 HM, minimal installation height, for 1 door			057.3133.071
Set consisting	of:	057.3133.071	No.
EFO	Running gear, ball bearing, rollers plastic white	2	057.3114.071
58-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	Stopper, with retention spring, plastic, gray	2	057.3073.072
<u>a</u>	Hexagon head screw, M8x36 mm (5/16"x1 13/32"), steel, zinc-plated	2	042.0165.101
Ø	Cover cap, plastic, grey	2	600.0000.533
A STATION	Running gear holder, plastic, anthracite	2	042.0167.001
	Housing, steel, zinc-plated	2	042.0166.101
SI >	Countersunk head screw, 4x40 mm (5/32"x1 9/16"), steel, zinc-plated	8	766.5040.140
	Bottom guide, with roller, adjustable, plastic, anthracite	1	057.3120.071
SI D	Countersunk head screw, 4x20 mm (5/32"x25/32"), steel, zinc-plated	4	766.5042.120

Running tracks

		mm (inch)	No.
		2,000 (6' 6 3/4 '')	057.3016.200
/•//	Running track,	2,500 (8' 2 7/16'')	057.3016.250
Q.	aluminum, pre-drilled	6,000 (19' 8 7/32'')	057.3016.600
		cut to size	057.3016.990
		2,000 (6' 6 3/4 '')	057.3016.201
~~/	Running track, aluminum, anodized,	2,500 (8' 2 7/16'')	057.3016.251
J.	pre-drilled	6,000 (19' 8 7/32'')	057.3016.601
		cut to size	057.3016.991
	Running track, with assembly opening, aluminum, anodized, pre-drilled	2,500 (8' 2 7/16'')	057.3016.256
		2,500 (8' 2 7/16'')	042.3002.250
	Double running track, aluminum, anodized, pre-drilled	3,500 (11' 5 25/32'')	042.3002.350
H		6,000 (19' 8 7/32'')	042.3002.600
		cut to size	042.3002.990
	Triple running track, aluminum, anodized,	6,000 (19' 8 7/32'')	042.3084.600
	pre-drilled	cut to size	042.3084.990
	Disposable cover to running track Hawa	2,000 (6' 6 3/4 '')	057.3098.001
	Divido 100 / Hawa Porta 45/60/100, plastic, black	cut to size	057.3098.990

Panels

	mm (inch)	No.
Cover profile for 042.3002./042.3084.,	6,000 (19' 8 7/32'')	042.3086.600
aluminum, anodized	cut to size	042.3086.990



Soft close

For soft closing in opening and closing direction order 2 sets.

Soft close Hawa Porta 100, Divido 100,

Bottom guide set for wall mounting

		No.	
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Set bottom guide for wall mounting, with roller	057.3128.171	

61–100 kg (133 to 220 lbs.), 1 piece	042.3102.071	
Soft close Hawa Porta 60/100, Divido 100, 10–60 kg (22 to 132 lbs.), 1 piece	042.3102.072	

042.3102.072 042.3102.071

No.

042.3102.071

No.

Set consisting of:

Set consisting	Set consisting of:		0	
Se sol de	Soft close, top running, 61–100 kg (133 to 220 lbs.), plastic	1		042.3106.071
A A A A A A A A A A A A A A A A A A A	Trigger for soft close in buildings, zinc die casting	1	1	042.3105.001
El S	Screw set soft close	1	1	600.0000.566
a contraction of the second se	Soft close, top running, 10–60 kg (22 to 132 lbs.), plastic		1	042.3106.072

Accessories

		No.
•	Routing jig for assembly opening	042.3118.071
	Groove cutter to routing jig, Ø= 10 mm (13/32"), hard metal	600.0000.309
500 	Track cleaner, plastic, blue	057.3099.071

Cover for assembly opening

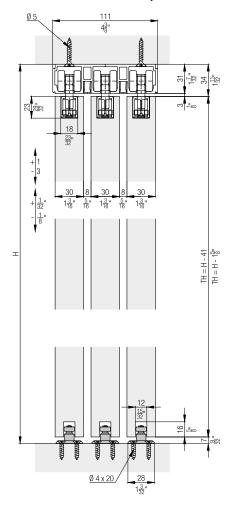
			No.
Cover cap to as	sembly opening, 1-piece set		042.3114.071
Set consisting	of:	042.3114.071	No.
	Cover cap assembly opening, plastic, gray	1	042.0172.001
2JA	Screw set soft close	1	600.0000.566

Wall compensation profiles

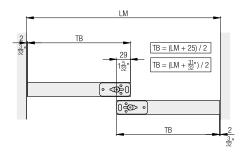
		mm (inch)	No.
	Wall compensation profile, with sealing	2,500 (8' 2 7/16'')	042.3064.071
Î.	profile gray, aluminum, anodized	3,000 (9' 10 1/8 '')	042.3064.072



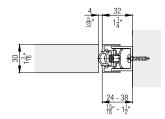
Further installation examples



Calculations of running track length



Wall compensation profile



Soft close

																	00	Ø		Δ
)@		1	Z =2				≥ 320 $\geq 1^{1.19}_{-\frac{19}{52}}$													
*	0	1	2	0	1	2	-	-							<u>Z = ≥ 5</u> = ≥ 1'-					
Hawa Porta 60/100 H/HC	1'6 <u>29</u> "	1' 9 <u>1</u> "	1' 11 <u>1</u> "	2' 4 <u>3</u> " 2' 6 <u>29</u> "		2' 9 <u>3</u> "							Z				★ Mor	ntageöffnur	na	
Hawa Porta 60/100 HM/HMD/HMT	1'6 <u>39</u> "	1' 9 <u>1</u> "	$1' 11\frac{1}{4}"$	2' 4 <u>3</u> "	2' 6 <u>32</u> "	2' 9 <u>3</u> "	4	•		_)0		1			2		ass	embly oper erture de n	ning	
Hawa Porta 100 G/GU/GM/GMT	1'6 <u>39</u> "	1' 9 <u>1</u> "	1' 11 <u>1</u> "	2' 4 <u>3</u> "	2' 6 <u>29</u> "	2' 9 <u>3</u> "	*		<u> </u>]	0	1	2	0	1	2		62	nontago	
Hawa Porta 100 GF	1'6 <u>39</u> "	\bowtie	\succ	2' 4 <u>3</u> "	\ge	\searrow		orta 60/1 orta 60/1) HMD/HMT	480 480	535 535	590 590	730 730	785 785	840 840		2 <u>7</u>	' I T	n 🛔
Hawa Porta 100 GW/GWF	1' 8 <u>5</u> "	1' 9 <u>11</u> "	1' 11 <u>1</u> "	2' 6"	2' 6 <u>32</u> "	2' 7 <u>3</u> "		orta 100			480	535	590	730	785	840		02	V II	
Hawa Porta 100 GMD	1' 7 <u>7</u> "	1' 9 <u>7</u> "	$1' 11\frac{1}{4}''$	2' 5 <u>1</u> "	2' 7 <u>1</u> "	2' 7 <u>3</u> "		orta 100 orta 100		F	480 512	542	590	730 762	792	840	y		A 11	31
Hawa Divido 100 H/HM/GR	1' 6 <u>29</u> "	1' 9 <u>1</u> "	1' 11 <u>1</u> "	2' 4 <u>3</u> "	2' 6 <u>29</u> "	2' 9 <u>3</u> "	Hawa F	orta 100	GMD		488	539	590	738	789	840	2/3		1 _{32_}	П
Hawa Divido 100 GRM	1'8 <u>5</u> "	1' 10 <u>11</u> "	1' 0 <u>1</u> "	2' 6"	2' 8 <u>5</u> "	2' 10 <u>11</u> "		ivido 100 ivido 100		GR	480 512	535 567	590 622	730 762	785 817	840 872	. *		114"	
		~1		ПŌ	0	°				0)	>			ŝ			Ø	1	Δ
dseitig gedämpfte Ausführungen ohne stirn- tigen Zugang erfordern zwei Montageöffnun sions with soft closing mechanism at both										≥ 570 ≥ 1'-10 <u>7</u>							-			
es without access from the leading edge uire two assembly openings.	-									21-1016	Z	<u>= ≥ 840</u> ≥ 2'-9 <u>1</u>								

Accessories

- Hawa 4-point guidance from page 521

- Hawa stacking system from page 523

- Hawa Divido overview from page 535

Planning/execution

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

Notes