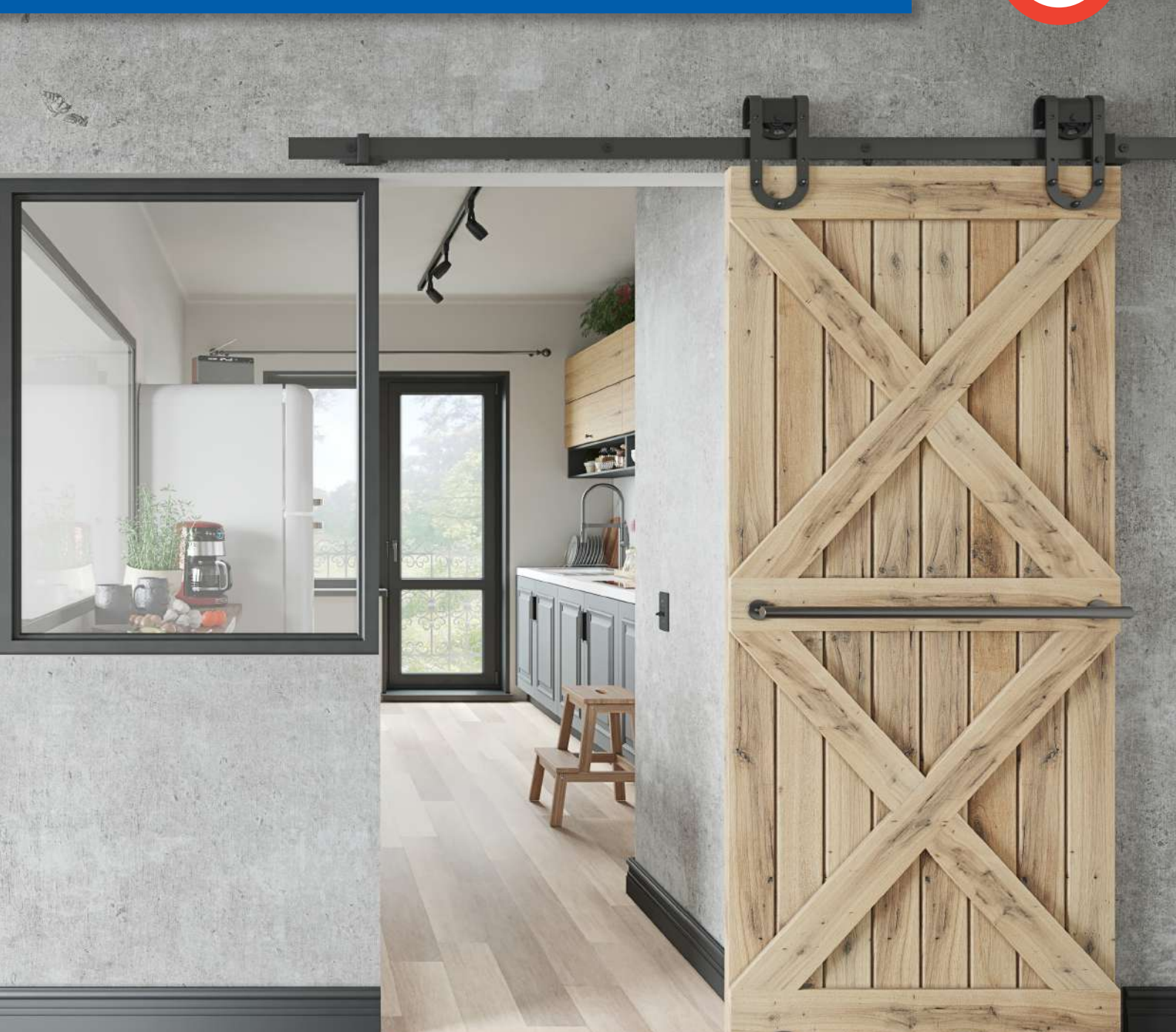




Sliding Systems for Partition Doors

Sliding | Folding | Automatic

113A



For over a century, the Manton group has been developing its **business designing, making and selling sliding fittings** for the building trade. Recognized today as one of the global leaders in our market, we always strive to anticipate and provide reliable and easy-to-use solutions for customer's home and work environments.

In that same spirit and driven by the love of a well-designed product built to last, in the last few years we have been investing in automatic controls for doors and windows, in a direct progression from our original products. Considering this a strategic area of development, **we chose to develop and manufacture our own automatic control products** in our subsidiary Manton SMT based in Genlis in the Côte d'Or region of France. After pioneering the use of automatic controls for sliding shutters and then

becoming the benchmark on the market for automatic controls for swing shutters, we are now able to bring you the most reliable, easy-to-use automatic control for sliding doors available on the market.

The benefits of working with Manton:

- Manton R&D department works with our clients to customize and adapt our products regarding their needs.
- A worldwide presence in more than xx countries with local stock and technical support
- A know-how in dealing with projects
- A quality allowing us to offer a 25-year guarantee

The history

From 1920 to today - we have come a long way!

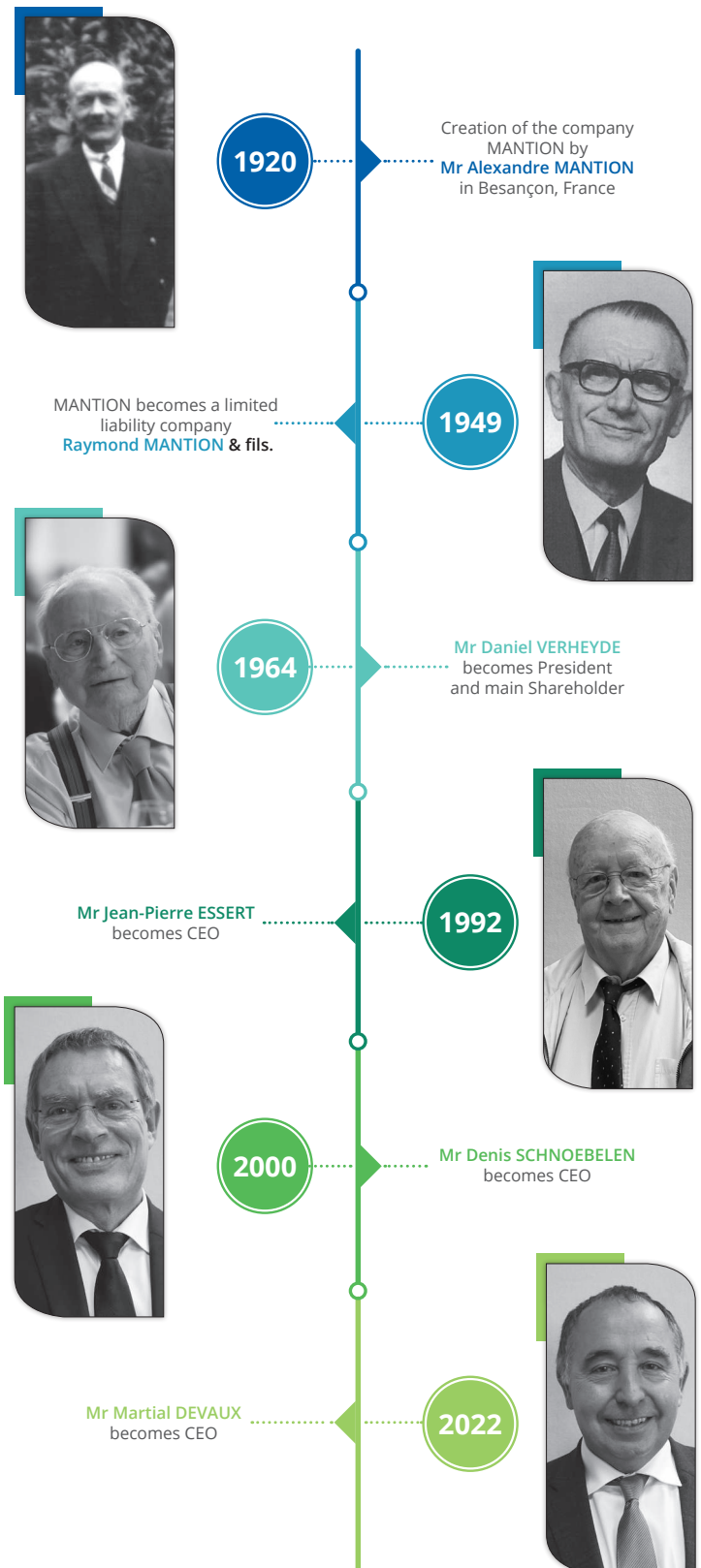
From local workshop to state-of-the-art plant.

It is hard to imagine that it all began with a small wrought-iron workshop, which, for decades, supplied numerous customers from the region with gates, guardrails, shutters and doors. At that time, Manton already stood for quality.

With orders pouring in from all over France, in 1964, the company built its main manufacturing plant at Rue Gay Lussac in Besançon, where it still stands today. In 2011, after years of development and expansion, Manton decided to streamline its plant in Besançon. The site was completely overhauled and transformed between 2011 and 2014, without reducing service capacity or interrupting any production lines.

The bet paid off!

Although a rather complex operation, it opened the door to further growth for Manton. The plant gained 4,500 m² in manufacturing space and doubled its warehouse capacity to 10,000 pallets. The streamlining of the plant in Besançon has optimised production processes and boosted competitiveness.





*Guarantee
certificate*

MANTION S.A.S

Guarantees a performance* of
25 years

on sliding systems for interior applications
on the following ranges:

**CADETTE® • INTEC® • MA • MAGLASS • PICO® • PICOSTAR®
SAF® • SAF®-FOLD • SAF®-GLASS • SAF®-INSIDE
SAF®POCKET • SAF®-SLIM • SAF®- TELESCOPIC • SAF®-TWIN
ROC® DESIGN • SOFTCLOSE • STARAL® PLUS
SUPERCADETTE • TANGO • TUBEL®**



Martial Devaux
MANTION S.A.S
Chief Executive Officer

* This guarantee only applies to a number of cycles defined by our product range, installation instructions and conditions that can be found on our web site www.mantion.com

To reinforce its ECO-friendly policy, **MANTION** has a collective Environmental Product Declaration (EPD). The EPD is a major multi-criteria tool that helps professionals in their choices to make a building more sustainable, with limited impact on the environment while creating a healthy environment for future users.



A safety insurance regarding the performance of fittings for sliding doors:

Simple and efficient: By requiring the characteristics of a product according to the European standard, you will avoid inconvenience such as bad sliding, blocking or early wearing.

What does the extract from the European standard NF EN 1527 indicate?

It defines objective quality criteria for a complete set of fittings for sliding doors (tracks, brackets, rollers, stops and guides):

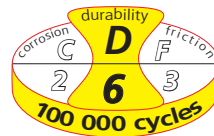
- Corrosion resistance (resistance to salt spray)
- Initial friction (initial max. force required to open and close the panels)
- Durability (number of cycles)

It determines the conditions in which the tests have to be made. This allows an easy and real comparison between different competing products:

- Door under 200 kg: Height: 2 m. & stroke: 0.80 m. ou Height: 2 m. & stroke: 2 m. *
- Door over 200 kg: Height: 2 m. & stroke: 2 m.

* all our tests for doors weighing less than 120 kg were carried out on a portal frame: Height: 2 m. & stroke 0.80 m.

It indicates the performance of fittings according to the tests results:



** This guarantee applies within the limit of a number of cycles specific to each range and the conditions of installation and use available on: WWW.MANTION.COM

CORROSION RESISTANCE [C]

grade 1	grade 2	grade 3	grade 4	grade 5
24 h*	48 h*	96 h*	240 h*	480 h*

*Numbers of hours of resistance to salt spray (Standard EN1670)

INITIAL FRICTION [F]



Measured without the use of softcloser or hydraulic closer stop

	grade 1	grade 2	grade 3
Door of 50 Kg	50 N*	30 N*	10 N*
Door from 51 to 100 Kg	80 N*	50 N*	20 N*
Door from 101 to 330 Kg	90 N*	60 N*	30 N*
Door over 330 Kg	5 %**	3 %**	2 %**

* (10 N): 10 newton correspond to a force of approx. 982 g to start movement of panel

** : Percentage of the mass

DURABILITY [D]

grade 1	grade 2	grade 3	grade 4	grade 5	grade 6
5 000 c*	10 000 c*	25 000 c*	50 000 c*	75 000 c*	100 000 c*

*Number of cycles

Mantion certifies* the performance of its fittings for sliding doors and gives you the guaranty of high quality products.

The different Mantion products have been designed, produced and tested to be used together. In order to avoid any technical problem or early use of fittings, require MANTION products.

** This guaranty of durability applies to complete sets of Mantion products: tracks, rollers, brackets, stops and guides which are used and installed according to Mantion instructions (capacity and number of cycles)

06

FOLDING DOORS



TANGO

Capacity/panel: 40 kg
Track: aluminium

06

SAF®-FOLD

Capacity/panel: 80 kg
Track: aluminium

08

NEW

10

STRAIGHT SLIDING DOORS (WOOD)



CADETTE®

Capacity/panel: 40 kg
Track: galvanised steel/aluminium

10

SUPERCADETTE

Capacity/panel: 60 kg
Track: galvanised steel/aluminium

12

MA40A-80A

Capacity/panel : 40 kg (MA40A)
: 80 kg (MA80A)

Track: aluminium

14

SAF® Évolution & Accessoires **NEW**

Capacity/panel : 20 kg (SAF®20) & 80 kg (SAF®80)
120 kg (SAF®120)

Track: aluminium

18

SAF®-SLIM **NEW**

Capacity/panel: 80 kg
Track: aluminium

24

SAF® 80 TELESCOPIC - SAF® 120 TELESCOPIC

Capacity/panel: 80 et 120 kg
Track: aluminium

26

STARAL® PLUS

Capacity/panel: 150 - 400 kg
Track: aluminium

30

STARAL®

Capacity/panel: 400 - 600 kg
Track: aluminium

32

ROC® DESIGN

Capacity/panel: 80 - 100 - 120 kg
Track: flat steel

34

36

AUTOMATIC & SEMI-AUTOMATIC



SOFTCLOSE

Capacity/panel: 80 kg
Track: aluminium

36

WIDOOR

Capacity/panel: 80 kg or 2x50 kg
Track: aluminium

38

MOVENTIV® 80 **NEW**

Capacity/panel: 80 kg
Track: aluminium

40

42

STRAIGHT SLIDING DOORS (VERRE)



MAGLASS PINCE 80

Capacity/panel: 80 kg
Track: aluminium
Door thickness: 8-10-12 mm

42

INTEC®

Capacity/panel: 80 kg
Track: aluminium
Door thickness: 8-10 mm

44

WIDOOR GLASS

Capacity/panel: 80 kg or 2x50 kg
Track: aluminium
Door thickness: 8-10 mm

50

52

FOLDING DOORS FOR PICTURE WINDOWS



OPENTEC®

Capacity/panel: 75-80-100-150 kg
Track: aluminium
Frame: wood / steel / without

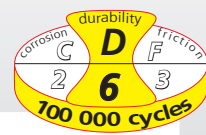
52



Sliding-folding system for wooden doors

TANGO

See details of the standard EN 1527 p.4



CAPACITY/PANEL	40 KG
TRACK	ALUMINIUM (SAF)
MOVEMENT	SLIDING / FOLDING

SETS

Item Nr.	Description	
TANGO40-150	Set for 2 panels including: - 1 aluminium track of 1.50 m (SAF) - 1 SAF roller (ball bearings) with plate - 1 upper pivot - 1 lower pivot - 3 hinges 1504C3 (side fixing) - Screws and mounting instructions	8
TANGO40-195*	Set for 4 panels* including: - 1 aluminium track of 1.95 m (SAF) - 2 SAF rollers (ball bearings) with plate - 2 upper pivots - 2 lower pivots - 6 hinges 1504C3 (side fixing) - Screws and mounting instructions	8

*NB: 2 panels on each side of the opening (2 + 2)

RAIL

11108/200	Anodised aluminium track, 33 x 27 mm cross-section, drilled every 0.44 m. Length = 2 m .	6
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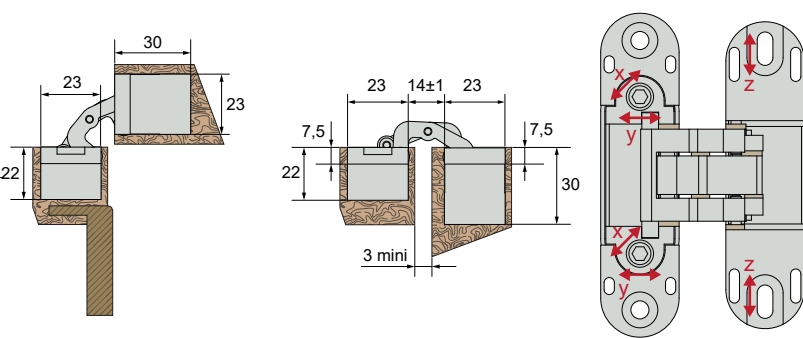
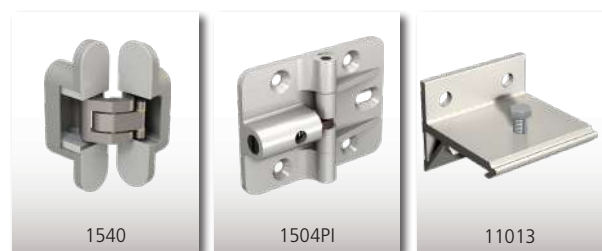
GEAR

TANGO42	Gear to guide 2 panels. Gear including: - 1 SAF roller (ball bearings) with plate - 1 upper pivot - 1 lower pivot - 3 hinges 1504C3 (side fixing) - Screws and mounting instructions	6
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ACCESSORIES

11013	Sliding angle plate for wall fixing 1 angle plate required every 45 cm.	10
1504PI	Set of 3 special hinges with ball bearings. <u>The benefits:</u> - Holds the panels in the closed position - Closes the gap between the panels This special hinge is an alternative to the hinges 1504C3 (3 hinges are required for 2 panels installations and 6 for 4 panels installations) Use our SLIDSOFT® calculation software	
1540	"Invisible" flush-mounted hinge. The hinge is hidden inside the panel and does not protrude from its plane. Advantages: - 3 dimensional adjustment: depth (X): ± 2 mm / vertical (Z): ± 2.5 mm / horizontal (Y): ± 1 mm - Reversible hinge - Width of 23 mm	

TANGO SET



Hinge **1540**
space-saving reduce

Hinge **1540**
3 dimensional adjustments

See accessories on p.54

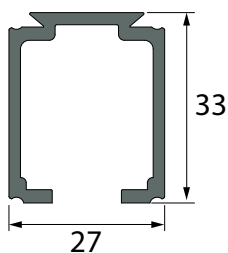
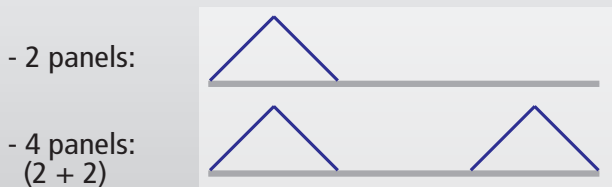
40 Kg



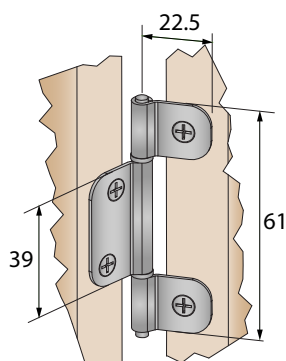
TANGO

Sliding-Folding system for partition doors and wardrobe doors, 2 or 2+2 panels (2 on each side of the opening)

- FLEXIBLE: for 2 or 2+2 panels
- DESIGN: no bottom track and minimum gaps
- PRACTICAL: easy to install and to operate
- For 2 panels each 750 mm maximum width



Track SAF®
(1.50 - 1.95 - 2 m)



Hinge **1504C3**

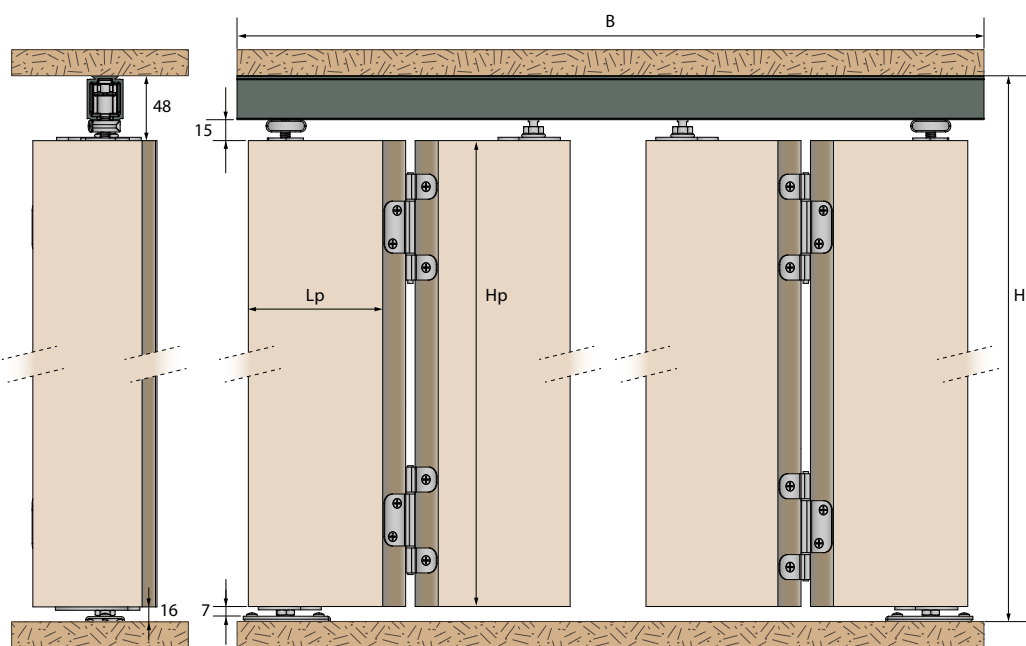


Hinge **1540**



Hinge **1504PI**
(60 x 45 mm)

TANGO



Lp: panel width (Lp max = 750 mm)
Hp: Panel height

B: opening width
H: opening height

Width of opening according to the panels dimensions:

	Configuration (No. of panels)	2 + 2	2
	Opening width	$B = 4Lp + 3.6 + J$	$B = 2Lp + 1.2 + J$
	Opening height	$H = Hp + 64$	
	Configuration (No. of panels)	2 + 2	2
	Opening width	$B = 4Lp + 1.2 + J$	$B = 2Lp + J$
	Opening height	$H = Hp + 64$	

The «J» value varies according to the panels thickness:

Ep	J
16 < Ep < 22	4
22 < Ep < 28	6
28 < Ep < 32	8
32 < Ep < 40	12

Width of panels according to the opening dimensions:

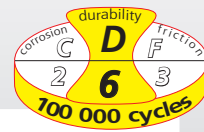
	Configuration (No. of panels)	2 + 2	2
	Panels width	$Lp = \frac{B - 3.6 - J}{4}$	$Lp = \frac{B - 1.2 - J}{2}$
	Panels height	$Hp = H - 64$	
	Configuration (No. of panels)	2 + 2	2
	Panels width	$B = \frac{B - 1.2 - J}{4}$	$B = \frac{B - J}{2}$
	Panels height	$Hp = H - 64$	

Ep	J
16 < Ep < 22	4
22 < Ep < 28	6
28 < Ep < 32	8
32 < Ep < 40	12



Sliding folding system for wooden doors

SAF®-Fold



See details of the standard EN 1527 p.4

CAPACITY	80 KG
TRACK	ALUMINIUM (SAF)
MOVEMENT	SLIDING / FOLDING

SETS FOR DOORS UP TO 80 KG - OPENING 1.50 M

Item Nr.	Description
SFOLD80-140-1	Set for doors up to 80 Kg , including: - 1 13108 anodised aluminium track. L = 1.4 m drilled every 0.44 m - 1 roller (mounted on ball bearings) - 1 12036Z Plate + 1 track/panel height adjustment gauge - 6 1540 concealed hinges - Fasteners and installation instructions

DOOR FRAME KIT

SFOLD-F	Wooden door frame kit (finger-jointed limewood), predrilled and pre-routed for easy installation and a neat finish. Compatible with openings up to 1500 mm wide and up to 2116 mm high
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TRACKS

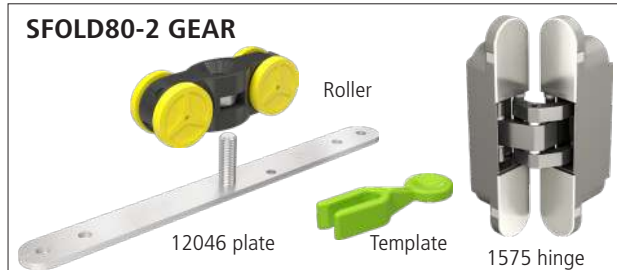
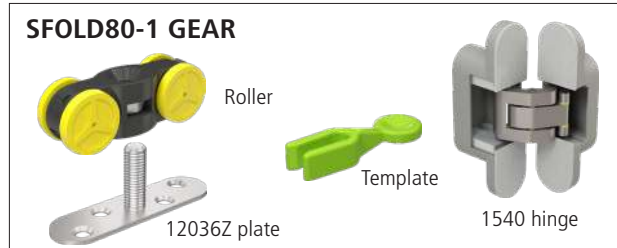
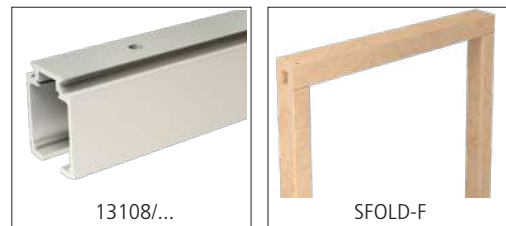
13108/195	Anodised aluminium track, 36 x 27 mm cross-section, drilled every 0.44. Length = 1.95 m
13108/300	Ditto for 3 m long tracks

GEARS

SFOLD80-1	Set for doors up to 80 Kg , including: - 1 roller (mounted on ball bearings) - 1 12036Z Plate + 1 track/panel height adjustment gauge - 6 1540 concealed hinges - Fasteners and installation instructions
Heavy duty version for intensive use of the door (Public places)	
SFOLD80-2	Set for doors up to 80 Kg , including: - 1 roller (mounted on ball bearings) - 1 12046 reinforced Plate + 1 track/panel height adjustment gauge - 6 reinforced 1575 concealed hinges - Fasteners and instructions

OPTIONS

1540	"invisible" flush-mounted hinge. The hinge is concealed inside the panel and is flush with the surface. Advantages: - 3D adjustment: depth (X): ± 2 mm / vertical (Z): ± 2.5 mm / horizontal (Y): ± 1 mm - Reversible hinge - Width 23 mm
1575	Ditto for the heavy duty version (for intensive use in public Places): - 3D adjustment: depth (X): ± 2 mm / vertical (Z): ± 2 mm / horizontal (Y): ± 1 mm
1575G	Drilling template for 1540 and 1575 hinges. Supplied with 4 interchangeable plates to machine different depths.
11216	End stop.
11213	Adjustable end stop.
GHEU30L	TPE seal, sold by the metre. To be fixed on the vertical frame. Seals against noise and dust. For 4 x 8 mm groove.
63C5/215	Grey adhesive brush seal with short bristles (5 mm) with a pine base. To be fixed on the horizontal beam. For 7 x 3 mm groove. Length = 2.15 m.
66JC5/250	Ø 5 mm silicone tubular seal with a pine base. To be fixed on the edge of one of the 2 doors. For 5 x 3 mm groove. Length = 2.50 m.
66JC5/10	Ditto for length 10 m.



Sliding folding system for solide-core doors.

- The solution when conventional sliding doors cannot be fitted
- A genuine response to the problem of operating doors faced by persons with reduced mobility
- Door swing space divided by 3 compared to a standard swing door; saves space when the door is open
- 2 versions available for different types of use:
 - a version for "classic" use
 - a «heavy duty» version for intensive use (public Places)

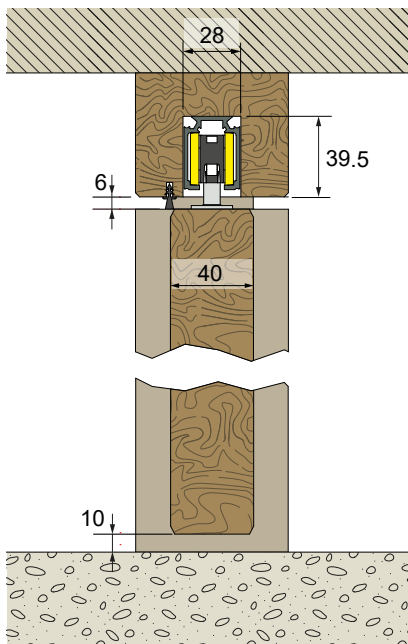
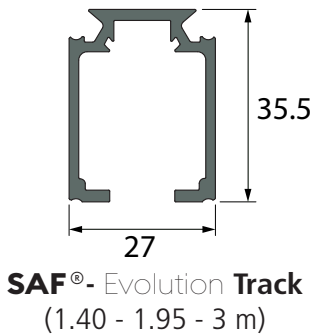
SAF®-Fold

80 Kg

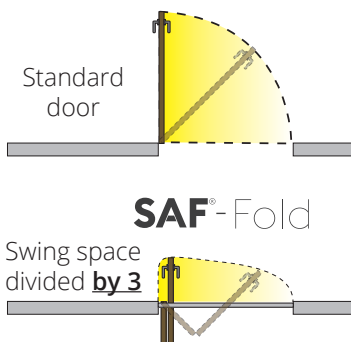


SAF®-FOLD

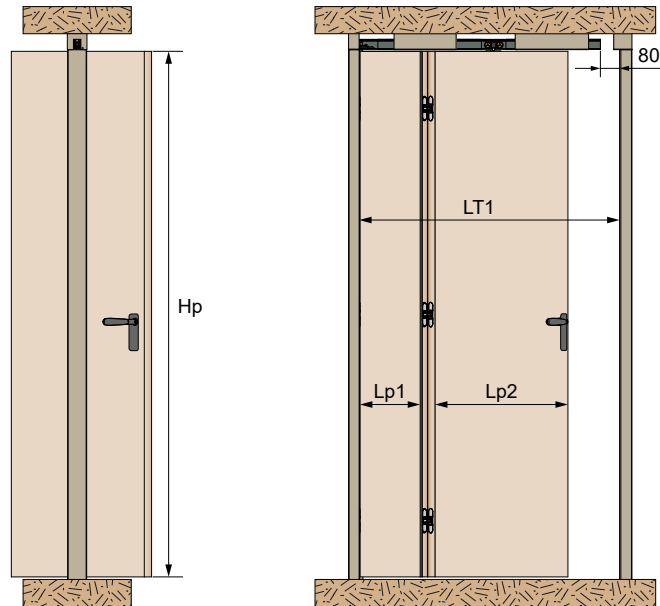
movement
1/3-2/3:



SAVE SPACE:



SAF®-Fold



Lp1: Panel width 1 $Lp1 = (LT1 - 11) \times 0.3$ LT1: Opening width
 Lp2: Panel width 2 $Lp2 = (LT1 - 11) \times 0.7$ Hp: Panel height



Installation instructions

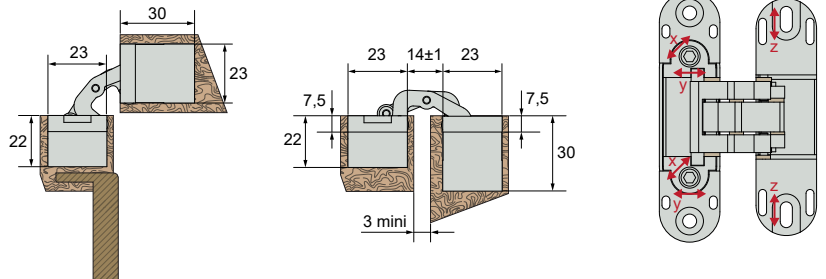


Installation instructions for the heavy duty version

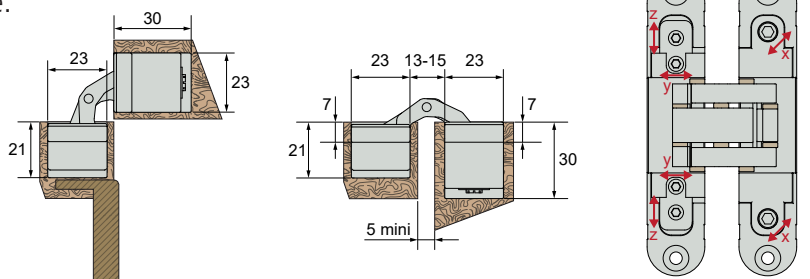


Installation video

1540 Hinge:



1575 Hinge:

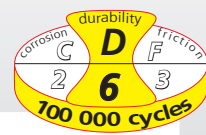




Straight sliding system for wooden doors

CADETTE®

See details of the standard EN 1527 p.4



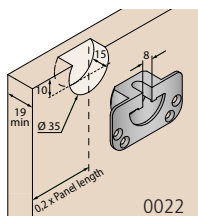
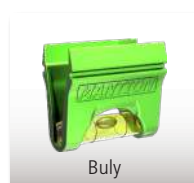
CAPACITY/DOOR	40 KG
TRACK	GALVANIZED STEEL (2525F) ALUMINIUM (2526F)
MOVEMENT	STRAIGHT

SETS			
Item Nr.		Description	
CADETT185-1	STEEL	Set including: - 1 gear CADETT - 1 track 2525F/185	10
CAD185A-1	ALUMINIUM	Set including: - 1 gear CADETT - 1 track 2526F/185 (aluminium - 1.85 m) - 1 Buly (spirit level)	8

TRACKS			
2525F/155	STEEL	Galvanized track, 27 x 24.5 mm, drilled and countersunk every 110 mm in length of 1.55 m .	4
2525F/185		Ditto in length of 1.85 m .	4
2525F/400		Ditto in length of 4 m .	4
2525F/500		Ditto in length of 5 m .	4
2525F/600		Ditto in length of 6 m .	4
2526F/185	ALU	Raw aluminium track, 26 x 25 mm, drilled and countersunk every 110 mm in length of 1.85 m .	4

GEAR			
CADETT		Gear including: - 2 rollers 0222 supplied with 2 plates 0026 and 0021 - 2 end stops 1097 - 1 guide 1103 - Screws, spanner and mounting instructions	10

ROLLERS & ACCESSORIES			
0222		CADETTE roller mounted on a RILSAN ring, supplied with plates 0026 and 0021	10
0021		Side fixing plate with tapped hole Ø M8 Height: 40 mm - width: 40 mm For panels over 18 mm thickness	10
0026		Top fixing plate with tapped hole Ø M8 Length: 75 mm - width: 20 mm For panels over 20 mm thickness	10
0023		Ditto width of 15 mm instead 20 mm. For panels of 16 mm and 19 mm thickness	10
0022		Mortising plate for roller fixing.	10
1097		End stop for track 2525 .	10
1103		Polyamide guide - Screwing type for channel of 6x18 mm.	10
2528		Wall fixing bracket for track 2525 supplied with screws, nuts and washers. Height: 17 mm - Length: 22 mm - Thickness: 20/10°	25
2529		Wall fixing bracket for track 2525 supplied with screws, nuts and washers. Height: 23 mm - Length: 30 mm - Thickness: 30/10°	25
2529-5		Ditto in set of 5	
2528D		Wall-fixing bracket for twinned tracks 2525 supplied with screws, nuts and washers. Height: 34 mm - Length: 47 mm - Thickness: 30/10°	10



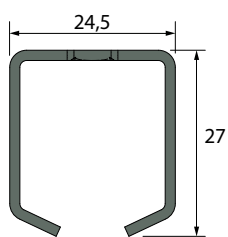
40 Kg

Sliding system with adjustable rollers, for indoor or outdoor use.

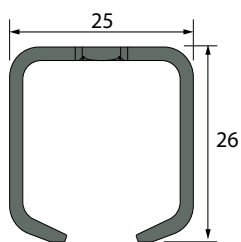
- The pendant bolt can be swivelled in any direction. This enables quick mounting and adjustment at any time
- Silent and smooth running thanks to a nylon roller mounted on a self-lubricating ring.
- Can be mounted with single or double tracks



CADETTE®



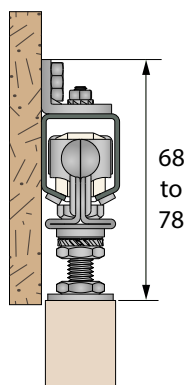
Track 2525F - STEEL
(1.55 - 1.85 - 4 - 5 - 6 m)



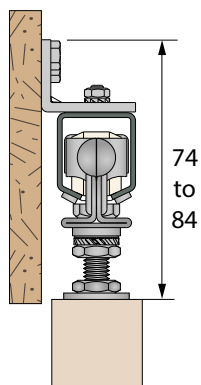
Track 2526F - ALUMINIUM
(1.85 m)



pendant bolt

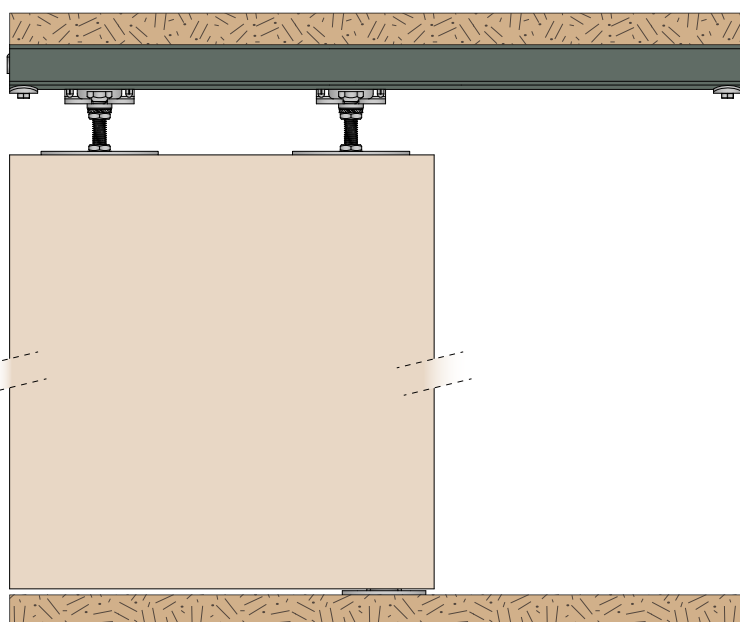
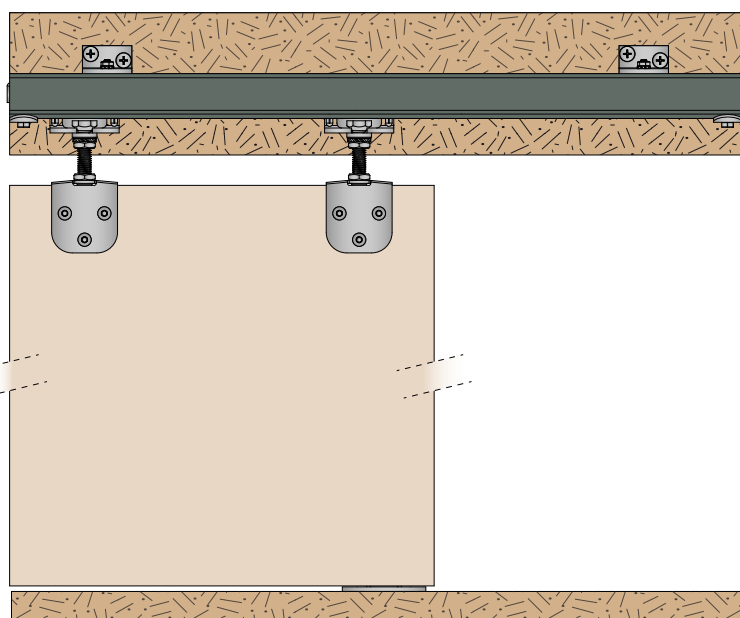
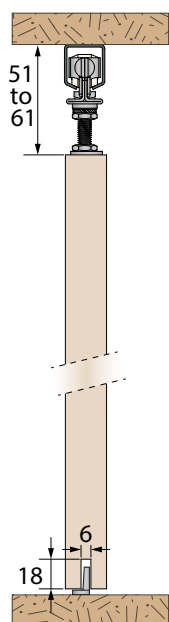
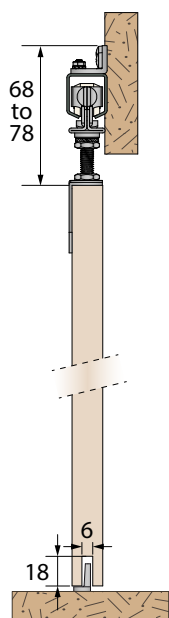


Bracket 2528
for panels
up to 20 mm



Bracket 2529
for panels
from 25 to 40 mm

CADETTE®

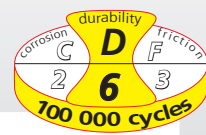




Straight sliding system for wooden doors

SUPERCADETTE

See details of the standard EN 1527 p.4



CAPACITY/DOOR	60 KG
TRACK	GALVANIZED STEEL (2525F) ALUMINIUM (2526F)
MOVEMENT	STRAIGHT

SETS

Item Nr.	Track	Description	
SUPCAD185-1	STEEL	Set including: - 1 gear SUPCAD - 1 track 2525F/185 (galvanized steel - 1.85 m)	10
SUPCAD230-1		Set including: - 1 gear SUPCAD - 1 track 2525F/185 (galvanized steel - 2.30 m)	10
SUPCAD185A-1	ALUMINIUM	Set including: - 1 gear SUPCAD - 1 track 2526F/185 (raw aluminium - 1.85 m) - 1 Buly (spirit level)	5

TRACKS

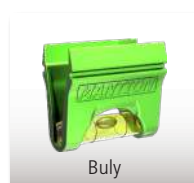
2525F/185	STEEL	Galvanized track, 27 x 24.5 mm, drilled and countersunk every 110 mm in length of 1.85 m .	4
2525F/400		Ditto in length of 4 m .	4
2525F/500		Ditto in length of 5 m .	4
2525F/600		Ditto in length of 6 m .	4
2526F/185	ALU	Raw aluminium track, 26 x 25 mm, drilled and countersunk every 110 mm in length of 1.85 m .	4

GEAR

SUPCAD	Gear including: - 2 rollers 0224 with monobloc plates and crash-stops - 1 guide 1103R - Screws, spanner and mounting instructions	10
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ROLLERS AND ACCESSORIES

0224	SUPERCADETTE roller with wheels mounted on a RILSAN ring, supplied with a stop-plate and a crash-stop.	10
0022	Mortising plate for roller fixing.	10
1103R	Polyamide guide - Screwing type for channel of 6x18 mm.	10
1086	Additional stop, screwing type.	10
2529	Wall fixing bracket for track 2525 supplied with screws, nuts and washers. Height: 23 mm - Length: 30 mm - Thickness: 30/10°	25
2529-7	Ditto in set of 7	
2530	Wall fixing bracket for twinned tracks 2525 . Supplied with screws, nuts and washers. Height: 34 mm - Length: 52 mm - Thickness: 30/10°	10



Buly



2525F



2526F

GEAR SUPCAD



1086



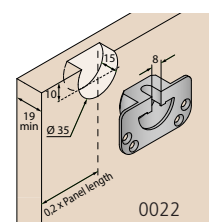
2530



0022



2529



0022

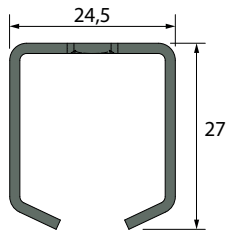
60 Kg

SUPERCADETTE

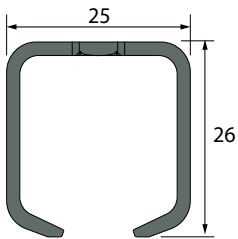


Sliding system with adjustable rollers, for indoor or outdoor use.

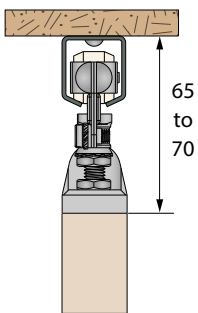
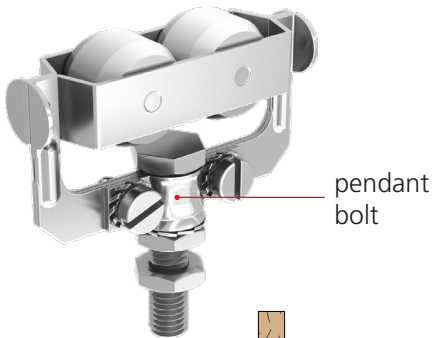
- The pendant bolt can be swivelled in any direction. This enables quick mounting and adjustment at any time.
- Silent and smooth running thanks to the nylon roller mounted on a self-lubricating ring
- Tracks can be used individually or double
- Stop integrated to the fixing plate



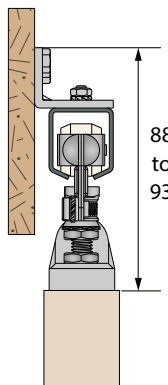
Track 2525F - STEEL
(1.85 - 4 - 5 - 6 m)



Track 2526F - ALUMINIUM
(1.85 m)

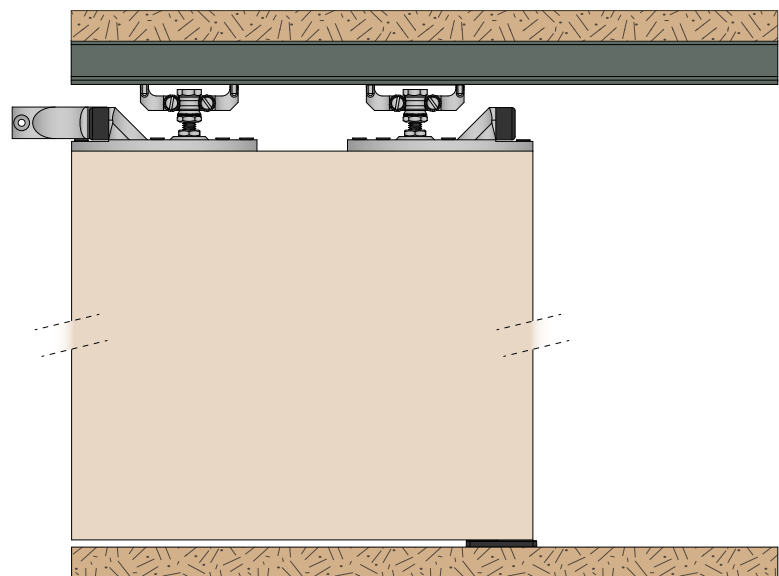
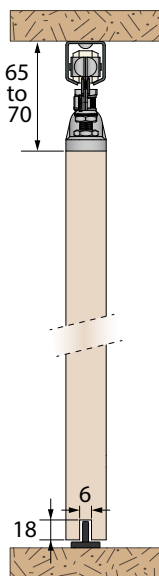
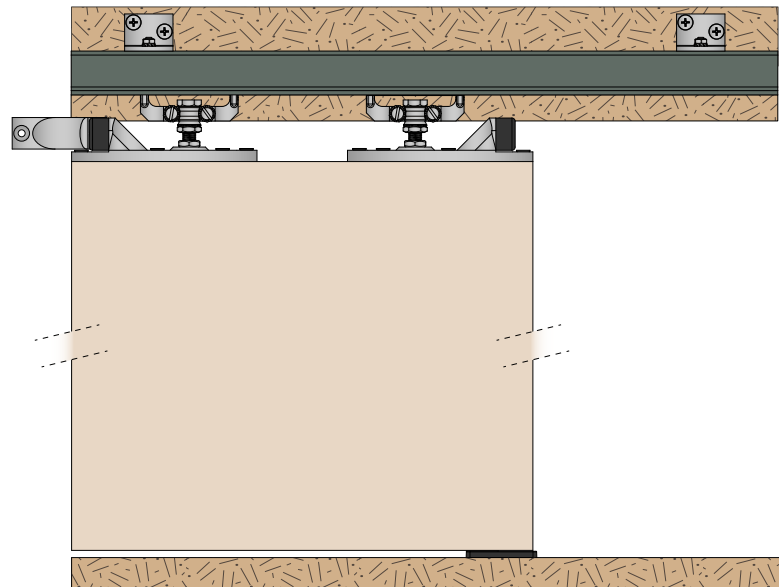
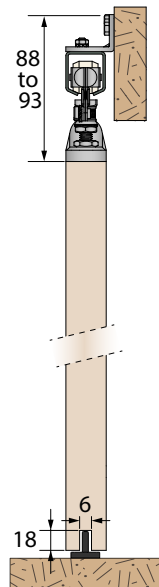


Panel of 25 mm minimum



Bracket 2529 for panels from 25 to 40 mm

SUPERCADETTE

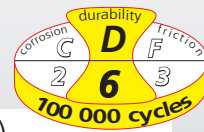




Straight sliding system for wooden doors

MA40A

See details of the standard EN 1527 p.4



CAPACITY/DOOR	40 KG (MA40A)
TRACK	ALUMINIUM
MOVEMENT	STRAIGHT

COMPLETE SETS for doors up to 40 kg

Item Nr.	Description	
MA40A-165	Complete set for 40 Kg doors comprising: - 1 raw aluminium track in 1.65 m length drilled every 0.44 m - 1 Buly (spirit level) - 2 rollers MA40A and 2 plates 10036 - 2 adjustable stops - 1 guide 1103 - Spanner, screws and assembly instructions	8
MA40A-190	Ditto with a track of 1.90 m length	8
MA40A-240	Ditto with a track of 2.40 m length	8



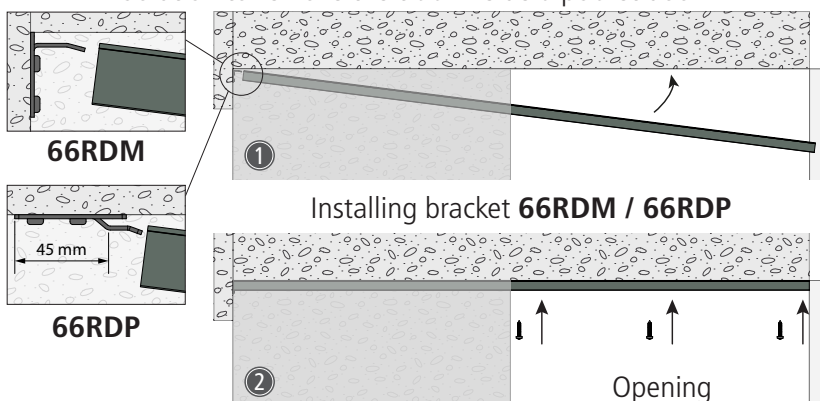
ACCESSORIES

11213540	Soft stopper for doors up to 40 Kg (MA40A).	10
M66	Softcloser for gentle closing of doors (100 mm). Softcloser automatically follows door to its closed position. Suitable for MA40A and for doors weighing 21-60 Kg . It is recommended that <u>2</u> softclosers be used for doors with a width of 850 mm or more.	
1084	End stop with rubber buffer.	10
1106/110	Black PVC U-profile, 12x17, to be flush-mounted under the door. Improves door sliding performance. Length: 1.10 m.	
11050-2	Synchronization kit for 2 doors up to 40 Kg each and max. comprising: - 2 assembled pulleys - 1 driving angle plate and 1 fixing angle plate with spring - 1 cable diameter 1.5 mm, length 10 m. (maximum opening: 2.2 m) - screws and assembly instructions	
2528	Wall fixing bracket for track MA40A , supplied with screws, nuts and washers. Height: 17 mm - Length: 22 mm - Thickness: 20/10°	25
3538D	Angle plate for wall-fixing of twinned tracks MA40A . Height: 34 mm - Length: 62 mm - Thickness: 30/10°	10
66RDM	Wall bracket for removable tracks in a pocket door configuration. The bracket is clipped into the far end of the cassette and is screwed into the opening. Provides easy access to components found in the track (to replace rollers, etc.).	
66RDP	Ditto with ceiling mounting.	
11036L-1*	Angle plate, screwed in at the end of the panel. Enables the door to be mounted in alignment with the track. For panels up to 80 Kg. - for 1 softcloser : min. width of door: 890 mm - for 2 softclosers : min. width of door: 940 mm	25

* See details p.22



Solution to remove the track inside a pocket door:



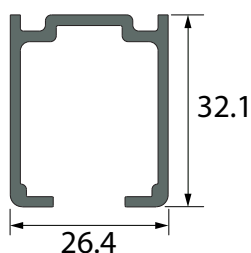
40 Kg

Aluminium sliding system for interior applications, easy to install, adapted to the installation on construction site.

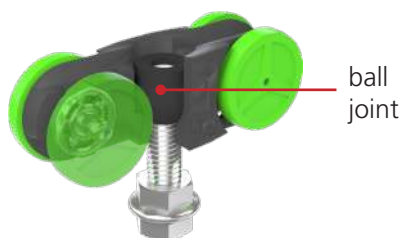
- **SILENT:** our new rollers have been designed and tested to offer and guarantee a silent and smooth rolling
- **COMFORTABLE:** softcloser M66 and soft stopper has an option
- **CLEVER:** Rollers equipped with a ball joint that improves the robustness of the system and adjusts to any mounting location defects



MA40A

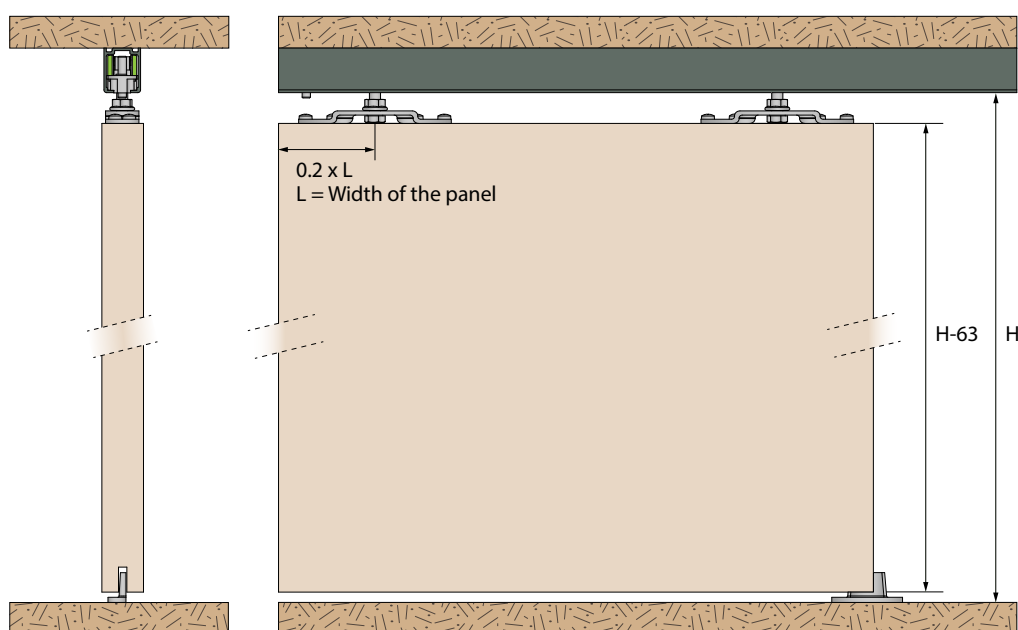


Track MA (1.65 - 1.90 - 2.40 m)

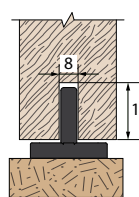
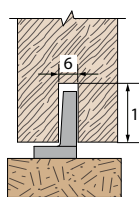


CLEVER:
Rollers equipped with a ball joint that improves the robustness of the system and adjusts to any mounting location defects

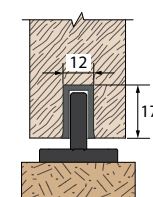
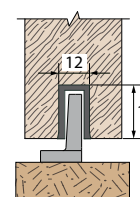
MA40A



Guides **1103** and **1103R**



Guides **1103** and **1103R** with U-profile **1106/110**



Use of angle plate **3538D** for twinned tracks MA

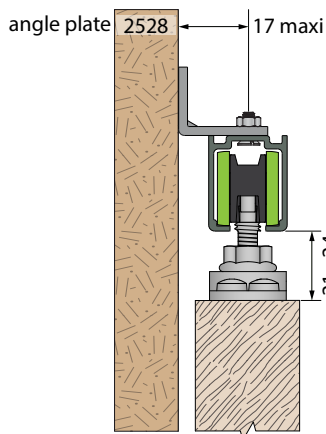
OPTIONS:



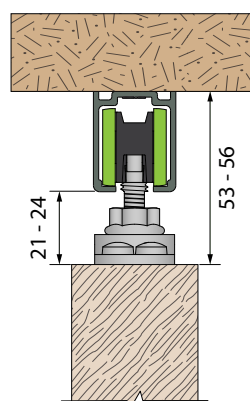
Soft stopper



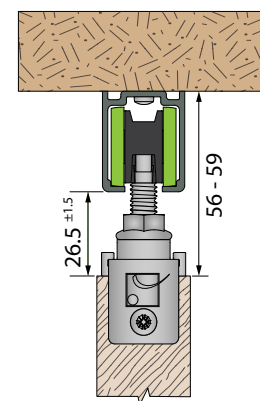
Softcloser M66



Fixing to the wall with plate **2528** (MA40)



Fixing on the ceiling



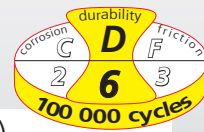
Fixing on the ceiling with plate **11036L**



Straight sliding system for wooden doors

MA80A

See details of the standard EN 1527 p.4



CAPACITY/DOOR	80 KG (MA80A)
TRACK	ALUMINIUM
MOVEMENT	STRAIGHT

COMPLETE SETS for doors up to 80 kg

Item Nr.	Description	
MA80A-165	Complete set for 80 Kg doors comprising: - 1 raw aluminium track in 1.65 m length drilled every 0.44 m - 1 Buly (spirit level) - 2 rollers MA80A and 2 plates 10036 - 2 adjustable stops - 1 guide 1103R - Spanner, screws and assembly instructions	8
MA80A-190	Ditto with a track of 1.90 m length	8
MA80A-240	Ditto with a track of 2.40 m length	8



ACCESSORIES

11213S80	Soft stopper for doors up to 80 Kg (MA80A).	10
M66	Softcloser for gentle closing of doors (100 mm). Softcloser automatically follows door to its closed position. Suitable for MA80A and for doors weighing 21-60 Kg . It is recommended that <u>2 softclosers</u> be used for doors with a width of 850 mm or more.	
M67	Ditto for doors weighing 61-80 Kg . It is recommended that <u>2 softclosers</u> be used for doors with a width of 900 mm or more	
1084	End stop with rubber buffer.	10
1106/110	Black PVC U-profile, 12x17, to be flush-mounted under the door Improves door sliding performance. Length: 1.10 m.	
11050-2	<u>Synchronization kit for 2 doors up to 40 Kg each and max. comprising:</u> - 2 assembled pulleys - 1 driving angle plate and 1 fixing angle plate with spring - 1 cable diameter 1.5 mm, length 10 m. (maximum opening: 2.2 m) - screws and assembly instructions	
2529	Reinforced angle plate for wall fixing of track MA80A , supplied with screws, nuts and washer. Height: 23 mm - Length: 30 mm - Thickness: 30/10°	25
66RDM	Wall bracket for removable tracks in a pocket door configuration. The bracket is clipped into the far end of the cassette and is screwed into the opening. Provides easy access to components found in the track (to replace rollers, etc.).	
66RDP	Ditto with ceiling mounting.	
11036L-1*	Angle plate, screwed in at the end of the panel. Enables the door to be mounted in alignment with the track. For panels up to 80 Kg. If using softclosers M66/M67: - for 1 softcloser : min. width of door: 890 mm - for 2 softclosers : min. width of door: 940 mm	25

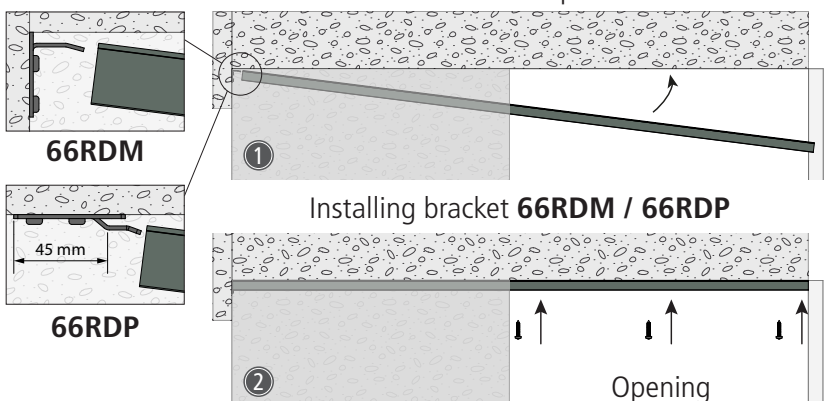
* See details p.22



*For the best operating results, choose a softcloser adapted to the dead load of your door.



Solution to remove the track inside a pocket door:



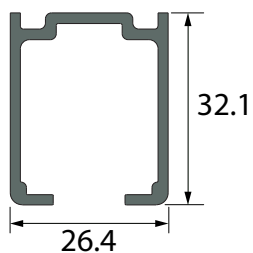
80 Kg

Aluminium sliding system for interior applications, easy to install, adapted to the installation on construction site.

- **SILENT:** our new rollers have been designed and tested to offer and guarantee a silent and smooth rolling
- **COMFORTABLE:** softclosers M66 and M67 and soft stopper has an option
- **CLEVER:** Rollers equipped with a ball joint that improves the robustness of the system and adjusts to any mounting location defects



MA80A

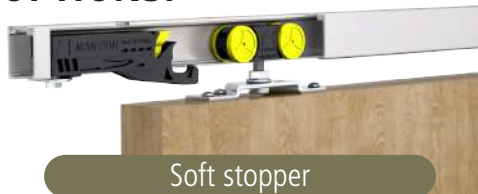


Track MA
(1.65 - 1.90 - 2.40 m)



CLEVER:
Rollers equipped with a ball joint that improves the robustness of the system and adjusts to any mounting location defects

OPTIONS:

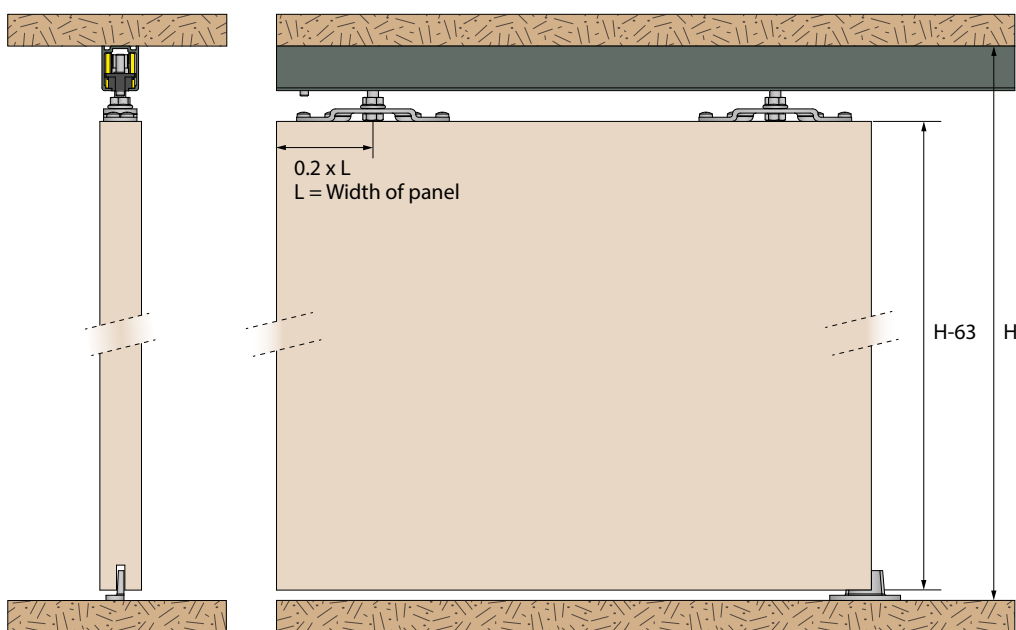


Soft stopper

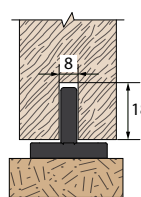
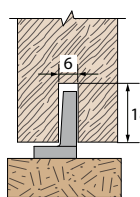


Softcloser M66

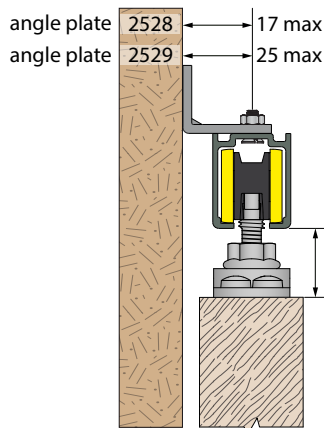
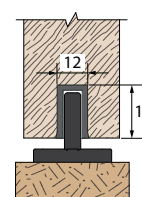
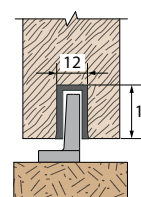
MA80A



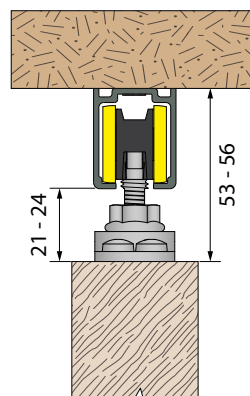
Guides
1103 and
1103R



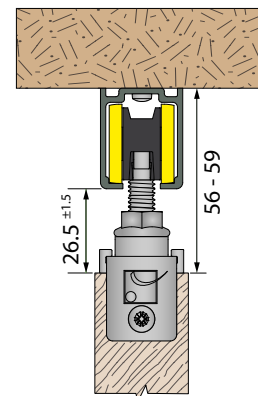
Guides **1103**
and **1103R** with
U-Profile **1106**



Fixing to the wall
with plate **2529** (MA80)



Fixing on the
ceiling



Fixing on the
ceiling with plate **11036L-1**

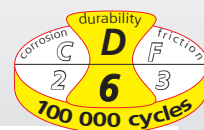


Straight sliding system for wooden doors

SAF®-Evolution

SAF®20A
SAF®80A

See details of the standard EN 1527 p.4



CAPACITY/DOOR	20 KG (SAF®20A) 80 KG (SAF®80A)
TRACK	ALUMINIUM
MOVEMENT	STRAIGHT

SET SAF®20A

Item no.	Description
SAF10-80-195-1	Set SAF20A for 1 door weighing 10-20 Kg - fixing to the wall: - 1 track 13108 , length 1.95 m . - 2 hangers 13218 + 2 plates 13036 - 1 adjustable end stop 11213 - 1 damper M65S - 1 floor guide 1103R - 5 angle brackets 13013 - 1 Buly (bubble level)

SETS SAF®80A

SAF10-80-195-2	Set SAF80A for 1 door weighing 21-60 Kg - fixing to the wall: - 1 track 13108 , length 1.95 m . - 2 hangers 13218 + 2 plates 13036 - 1 adjustable end stop 11213 - 1 damper M66S - 1 floor guide 1103R - 5 angle brackets 13013 - 1 Buly (bubble level)
SAF10-80-300-3	Set SAF80A for 1 door weighing 61-80 Kg - fixing to the wall: - 1 track 13108 , length 3 m . - 2 hangers 13218 + 2 plates 13036 - 1 adjustable end stop 11213 - 1 damper M67S - 1 floor guide 1103R - 7 angle brackets 13013 - 1 Buly (bubble level)
SAF10-80-300-3C	Ditto SAF10-80-300-3 fixing on the ceiling (without angle brackets)

TRACKS & PELMETS

13108/...	Anodised aluminium track, 36 x 27 mm cross-section, drilled every 0.44 m. Length = 1.95 / 3 or 6 m.
13013	Angle bracket (sliding) for fastening track 13108 to the wall. Fastened every 0.44 m.
13013M	Joining angle bracket (sliding) for joining 2 tracks 13108 together
13011/195	Anodised aluminium pelmet to be clipped onto the track. To be used for ceiling mounting. Height = 64 mm - Length = 1.95 m. Includes 3 clips.
13011/300	Ditto for 3 m long pelmets. Includes 5 clips
13011/600	Ditto for 6 m long pelmets, without clips (2x 13008 necessary)
13011B/600	Ditto for pelmets with a raw finish, without clips (2x 13008 necessary)
13015	Set of painted Zamak end caps for 13011 pelmets
13015B	Ditto for pelmets with a raw finish (to be painted)
13041/195	Anodised aluminium pelmet to be clipped onto the track. To be used for wall mounting. Height = 82 mm - Length = 1.95 m. Includes 3 clips.
13041/300	Ditto for 3 m long pelmets. Includes 5 clips
13041/600	Ditto for 6 m long pelmets, without clips (2x 13008 necessary)
13041B/600	Ditto for pelmets with a raw finish, without clips (2x 13008 necessary)
13045	Set of painted Zamak end caps for 13041 pelmets
13045B	Ditto for pelmets with a raw finish (to be painted)
13008	Kit of 5 clips for fastening pelmets (every 700 mm at most) onto track 13108

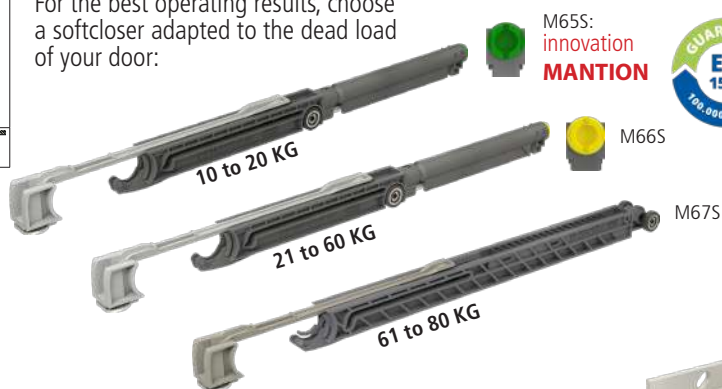
GEAR SET SAF®80A (tracks to be ordered separately)

SAF10-80	Gear SAF80A for 1 door weighing 10-80 Kg : - 2 rollers 13218 (mounted on ball bearings) - 2 plates 13036 - 2 adjustable end stops 11213 - 1 floor guide 1103R - 1 Buly (bubble level)
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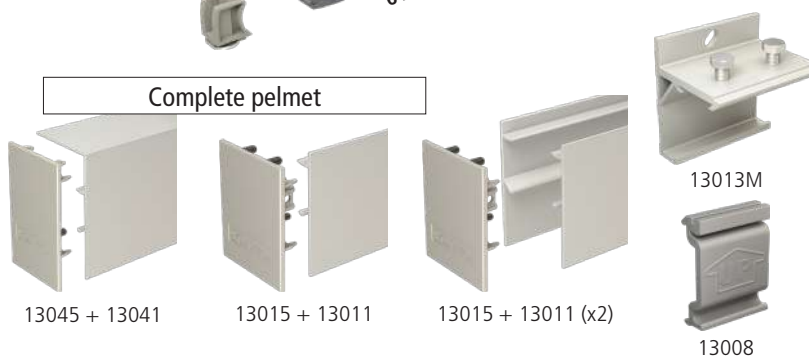
SETS SAF®



For the best operating results, choose a softcloser adapted to the dead load of your door:



Complete pelmet



GEAR SAF®80A



Aluminium sliding system interior doors, high quality finish.

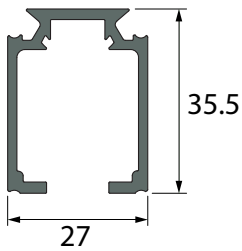
- 3 new-generation SILENCE softclosers
- New SAF-TECH roller
- New COMPLETE pelmet with a sleek look
- New SELF-CENTERING adjustable plate
- New FLEXI-CLIP pelmet fastening system
- New CONNECT track
- New CONNECT track
- New FLEX-ADAPT adjustable brackets
- Installation time reduced by 30%

SAF® - Evolution

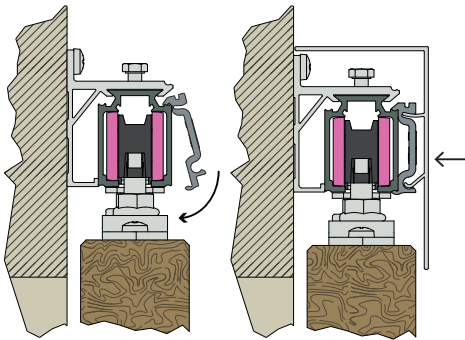
SAF®20A 10-20KG
SAF®80A 21-80KG



SAF®20A - SAF®80A

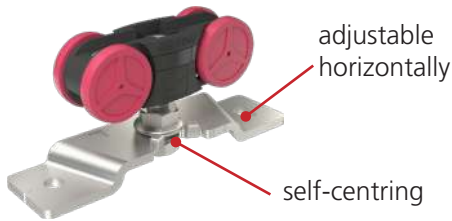


Track SAF®20A & SAF®80A (13108)
 (1.95 - 3 - 6 m)



CLIP-IN & FLEXIBILITY:

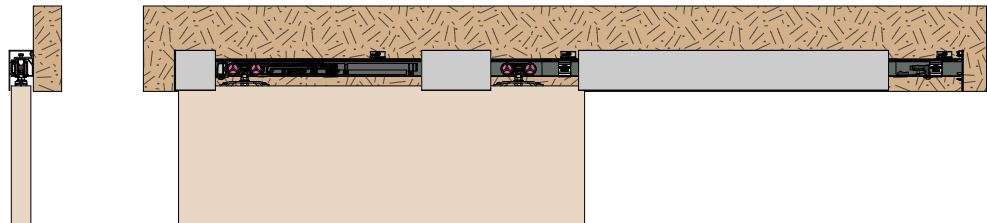
This pelmet clips onto the track making it quick and easy to install.



SELF-CENTERING:

Roller ensure that the roller self-centres in the plate automatically. An oblong-shaped hole in the plate allows for horizontal adjustment.

SAF®20A & SAF®80A

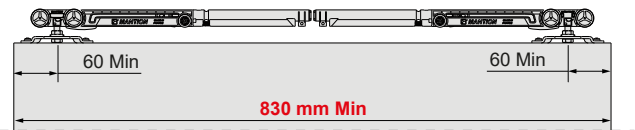


FOR THE BEST OPERATING RESULTS

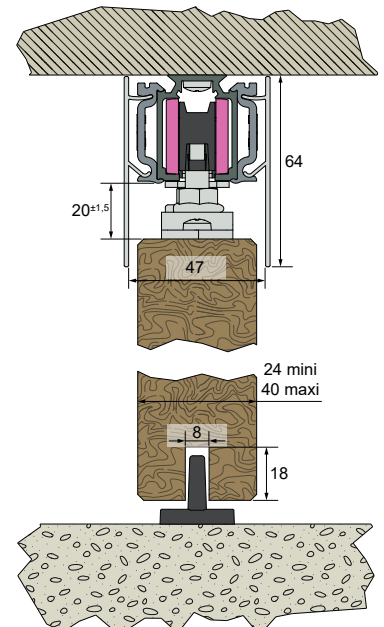
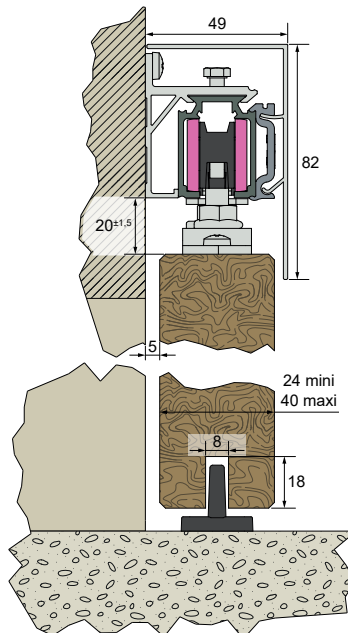
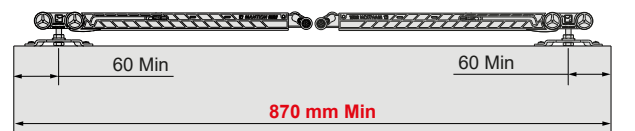
INSTALL 2 SOFTCLOSERS

One for the closing... and one for the opening!

Conditions for 2 dampers M65S ou M66S



Conditions for 2 dampers M67S



Mounting instructions



Video

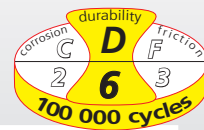


Straight sliding system for wooden doors

SAF®-Evolution

SAF®120A

See details of the standard EN 1527 p.4



CAPACITY/DOOR	120 KG (SAF®120A)
TRACK	ALUMINIUM
MOVEMENT	STRAIGHT

SETS SAF®120A

Item Nr.	Description
SAF81-120-300-4	Set SAF120A for 1 door weighing 81-120 Kg : - 1 track 13312 , length 3 m . - 2 rollers 13232 (mounted on ball bearings) + 2 plates 13036 - 1 adjustable end stop 11213 - 1 softcloser M68S - 1 floor guide 1103R - 10 angle brackets 13013 - 1 Buly (bubble level)
SAF81-120-300-4C	Ditto <u>fixing on the ceiling</u> and without angle brackets

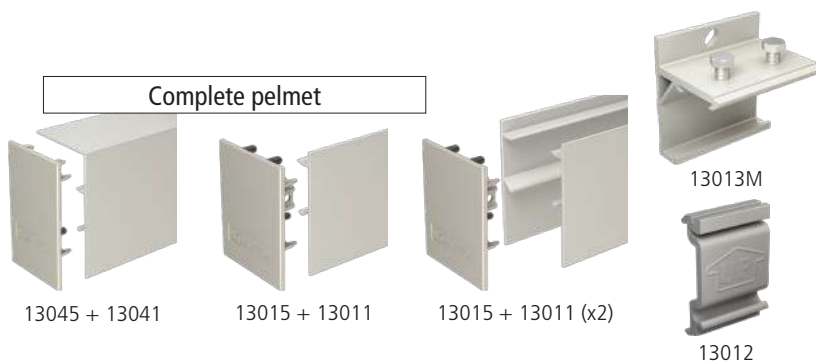
TRACKS & PELMETS

13312/300	Anodised aluminium track, 39 x 28 mm cross-section, drilled every 0.30 m. Length = 3 m.
13312/600	Ditto for 6 m long tracks.
13013	Angle bracket (sliding) for fastening track 13312 to the wall. Fastened every 0.30 m
13013M	Joining angle bracket (sliding) for joining 2 tracks 13312 together
13011/300	Anodised aluminium pelmet to be clipped onto the track. To be used for ceiling mounting. Height = 64 mm - Length = 3 m. Includes 5 clips
13011/600	Ditto for 6 m long pelmets, <u>without clips</u> (2x 13012 necessary)
13011B/600	Ditto for pelmets with a raw finish, <u>without clips</u> (2x 13012 necessary)
13015	Set of painted Zamak end caps for 13011 pelmets
13015B	Ditto for pelmets with a raw finish (to be painted)
13041/300	Anodised aluminium pelmet to be clipped onto the track. To be used for wall mounting. Height = 82 mm - Length = 3 m. Includes 5 clips
13041/600	Ditto for 6 m long pelmets, <u>without clips</u> (2x 13012 necessary)
13041B/600	Ditto for pelmets with a raw finish, <u>without clips</u> (2x 13012 necessary)
13045	Set of painted Zamak end caps for 13041 pelmets
13045B	Ditto for pelmets with a raw finish (to be painted)
13012	Kit of 5 clips for fastening pelmets (every 700 mm at most) onto track 13312

SETS SAF®120A



Complete pelmet



GEAR SET SAF®120A (tracks to be ordered separately)

SAF81-120	Gear SAF120A for 1 door weighing 81-120 Kg : - 2 rollers 13232 (mounted on ball bearings) - 2 plates 13036 - 2 adjustable end stops 11213 - 1 floor guide 1103R - 1 Buly (bubble level)
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GEAR SAF®120A



Aluminium sliding system interior doors, high quality finish.

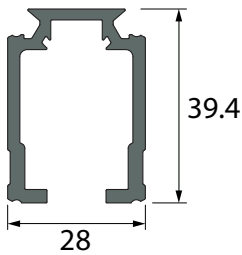
- New-generation SILENCE softcloser
- New SAF-TECH roller
- New COMPLETE pelmet with a sleek look
- New SELF-CENTERING adjustable plate
- New FLEXI-CLIP pelmet fastening system
- New CONNECT track
- New FLEX-ADAPT adjustable brackets
- Installation time reduced by 30%

SAF®-Evolution

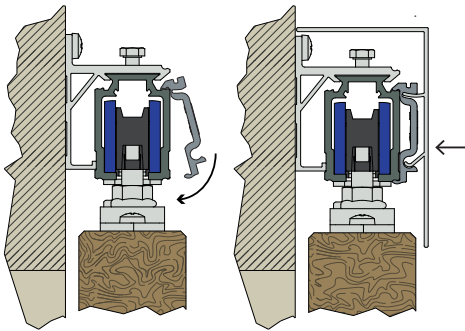
81 - 120 Kg



SAF®120A

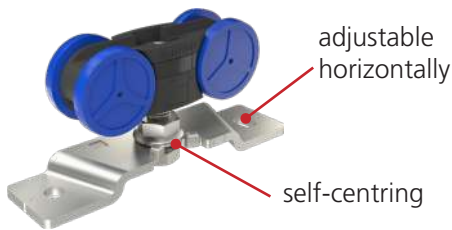


Rail SAF®120 (13312)
(3 - 6 m)



CLIP-IN & FLEXIBILITY:

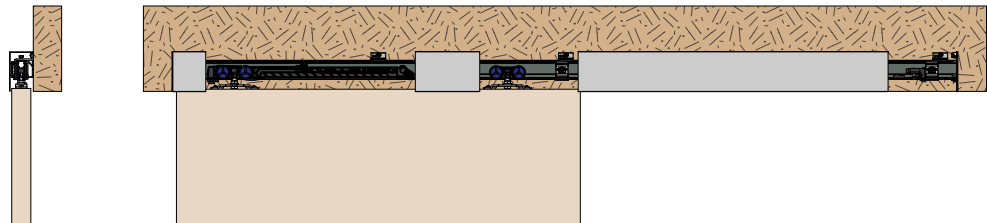
This pelmet clips onto the track making it quick and easy to install.



SELF-CENTERING:

Roller ensure that the roller self-centres in the plate automatically. An oblong-shaped hole in the plate allows for horizontal adjustment.

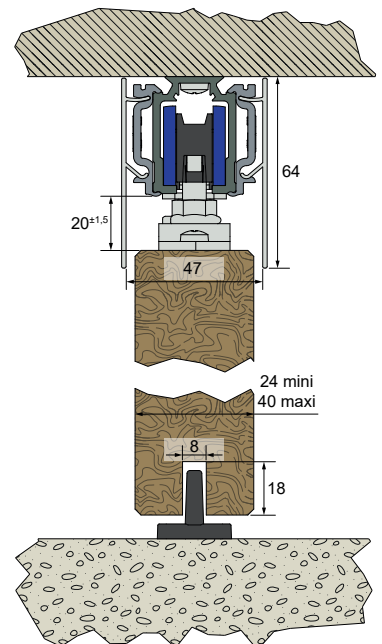
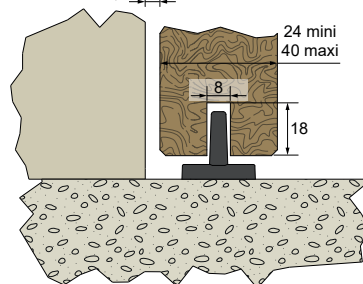
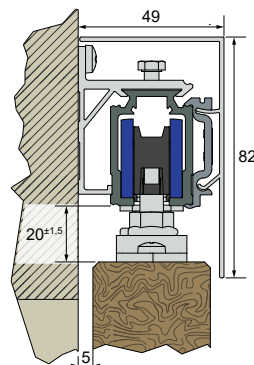
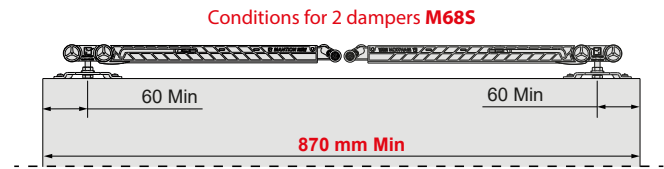
SAF®120A



FOR THE BEST OPERATING RESULTS

INSTALL 2 SOFTCLOSERS

One for the closing... and one for the opening!



Mounting instructions



Video



Straight sliding system for wooden doors

SAF® Accessories

CAPACITY/DOOR	10-120 KG
TRACK	ALUMINIUM
MOVEMENT	STRAIGHT

SYNCHRONISATION KIT - 80 KG MAX

(tracks to be ordered separately see p.18)

Item Nr.	Description	SAF®20A	SAF®80A	SAF®120A
SAF10-80SYN	Synchronisation kit for 2 opposing 80 kg doors, with an opening of up to 2.2 m, includes: - 4 rollers 13218 , with 4 plates 13036 - 2 adjustable end stops 11213 - 2 end stops 11213N - Synchronisation parts - 1 Buly (bubble level) - 2 guides 1103R	X	X	

SOFTCLOSERS - 10 - 120 KG

M65S	Softcloser for softly opening and/or closing doors (over 100 mm). The softcloser automatically accompanies the door to its open and/or closed position. Suitable for doors weighing 10-20 kg . It is recommended that 2 softclosers be used for doors with a width of 830 mm or more	X		
M66S	Ditto for doors weighing 21-60 kg		X	
M67S	Ditto for doors weighing 61-80 kg . It is recommended that 2 softclosers be used for doors with a width of 870 mm or more		X	
M68S	Ditto for doors weighing 81-120 kg			X

"OFFSET TRACK" KIT

"Offset track" KIT: used to install a 40 mm door with a skirting board, or a 45 mm (max.) door without a skirting board.

11048/P78	Anodised aluminium pelmet to be clipped onto the track. To be used for wall mounting. Height = 94 mm - Length = 1981 mm .	X	X	
11048/P118	Ditto length of 2997 mm	X	X	
11014-6	Angle bracket (sliding) for fastening track to the wall. Fastened every 0.44 m. To be used with pelmet 11048. Set of 6.	X	X	X
11014-8	Ditto in set of 8	X	X	X
11014-11	Ditto in set of 11	X	X	X
11049	Painted Alu-anodized set of end caps for 11048 pelmets. Sell with 5 pelmet brackets.	X	X	

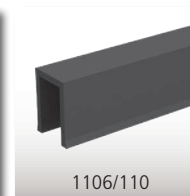
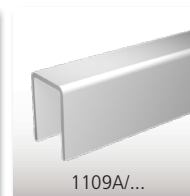
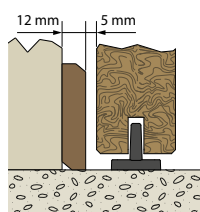
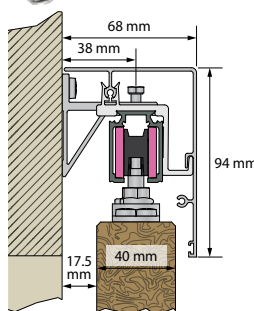
BRACKETS AND PLATES

11036L-1	Angle plate, screwed in at the end of the panel. Enables the door to be mounted in alignment with the track. For panels up to 120 kg . If using softcloser(s) M65S / M66S / M67S / M68S : - for 1 softcloser: min. width of door: 890 mm - for 2 softclosers: min. width of door: 940 mm	X	X	X
66RDM-2	Wall bracket for removable tracks in a pocket door configuration. The bracket is clipped into the far end of the cassette and is screwed into the opening. Provides easy access to components found in the track (to replace rollers, etc.). Ideal for tracks 13108	X	X	
66RDP-2	Ditto with ceiling mounting	X	X	

LOWER GUIDES

1106/110	Black PVC U-profile, 12x17, to be flush-mounted under the door. Improves door sliding performance. Suitable for guides 1103 and 1103R . Length = 1.10 m	X	X	X
1109A/...	25 x 18 mm aluminium U-profile. Length = 2 m, 3 m, or 5 m			X
1102	Olive guide on plate, to be screwed in. For U-profile 1109A			X
1124	Adjustable lower guide (cut-to-length) in transparent polycarbonate	X	X	

KIT SAF10-80SYN



Aluminium sliding system interior wardrobe and doors, high quality finish.

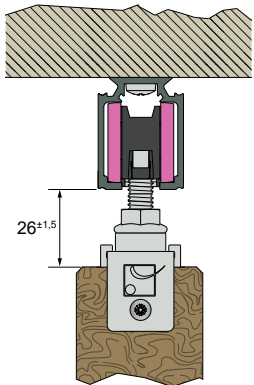
10 - 120 Kg

- New-generation SILENCE softclosers
- New SAF-TECH roller
- New COMPLETE pelmet with a sleek look
- New SELF-CENTERING adjustable plate
- New FLEXI-CLIP pelmet fastening system
- New CONNECT track
- New FLEX-ADAPT adjustable brackets
- Installation time reduced by 30%



SAF® Accessories

SAF®20A & SAF®80A

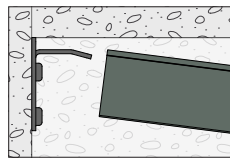


Mounting with plate **11036L-1 + SAF80A**

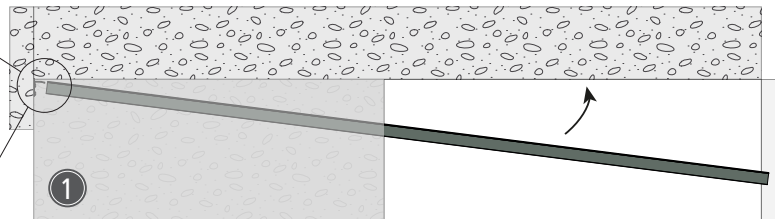
Mounting video



Solution to remove the track inside a pocket door:

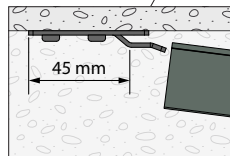


66RDM-2

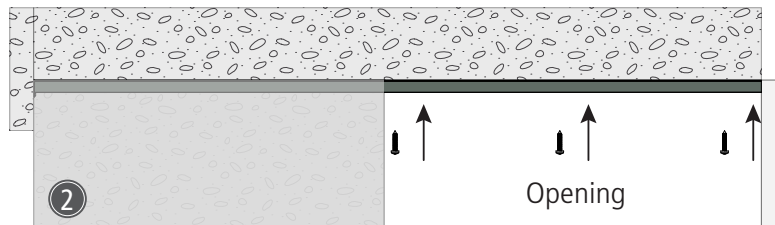


Mounting of the bracket **66RDM-2 / 66RDP-2**

Mounting video



66RDP-2

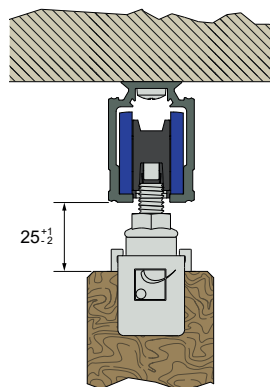


Opening

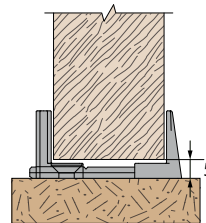
SAF®120A



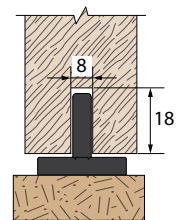
Plate **11036L-1**



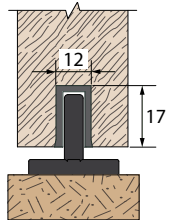
Mounting with plate **11036L-1 + SAF120A**



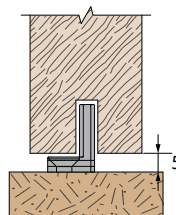
Guide **1124**
without groove



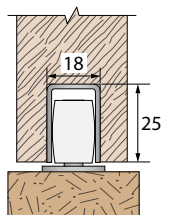
Guide **1103R**



Guide **1103R**
with U-Profile
1106



Guide **1124**
with groove



Guide **1102**
with U-Profile
1109A



Mounting instructions
SAF®20A & SAF®80A



Mounting instructions
SAF®120A

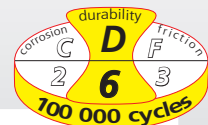


Video



Straight sliding system for wooden doors

SAF®-Slim



See details of the standard EN 1527 p.4

CAPACITY/DOOR	80 KG
TRACK	ALUMINIUM
MOVEMENT	STRAIGHT

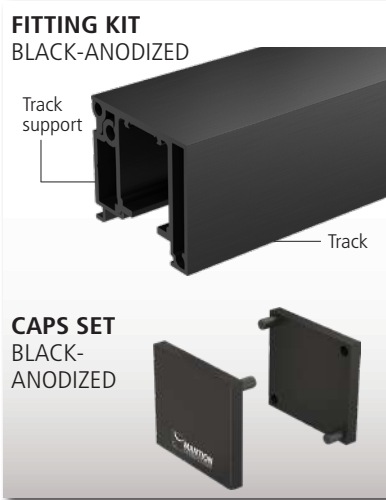
COMPLETE SETS - STANDARD DOOR 830 MM

Item Nr.	Description	
SAF-S82D-160-1 SAF-S82C-160-1	Set for 1 door weighing 10-20 Kg and standard width 830 mm : - 1 fitting kit (track + track support) of 1595 mm (40x45 mm) - 1 set of caps - 2 rollers SAF + 2 plates - 1 adjustable stop 11213 - 1 softcloser M65S - 1 floor guide 1103R - 2 hexagonal wrenches, screws, pins and assembly instructions	6
SAF-S82D-160-2 SAF-S82C-160-2	Ditto for 1 door weighing 21-60 Kg , and 1 softcloser M66S (instead of M65S)	6

COMPLETE SETS - DOOR UP TO 1030 MM

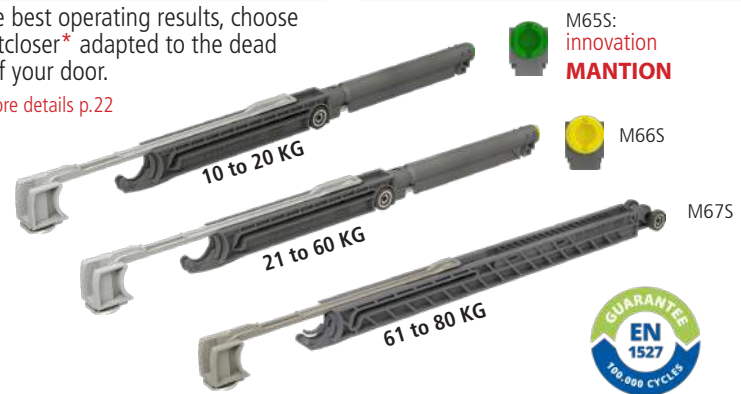
SAF-S82D-195-1 SAF-S82C-195-1	Set for 1 door weighing 10-20 Kg and width up to 1030 mm : - 1 fitting kit (track + track support) of 1950 mm (40x45 mm) can be cut to size - 1 set of caps - 2 rollers SAF + 2 plates - 1 adjustable stop 11213 - 1 softcloser M65S - 1 floor guide 1103R - 2 hexagonal wrenches, screws, pins and assembly instructions	6
SAF-S82D-195-2 SAF-S82C-195-2	Ditto for 1 door weighing 21-60 Kg , and 1 softcloser M66S (instead of M65S)	6

- S82D: ALU-ANODIZED
- S82C: BLACK-ANODIZED



For the best operating results, choose a softcloser* adapted to the dead load of your door.

*see more details p.22



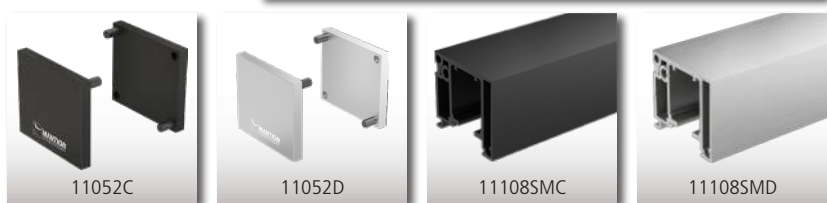
Customised Essential elements required for your SAF-SLIM system: **1 gear + 1 fitting kit + 1 set of caps****

**softclosers available, see p.22

RETAIL COMPONENTS - TRACK CUTTING CUSTOMISED

SAF82A	Gears four doors up to 80 Kg : - 2 rollers SAF + 2 plates - 2 adjustable stops 11213 (softcloser in option) - 1 floor guide 1103R - 2 hexagonal wrenches, screws, pins and assembly instructions	6
11108SMD/SP1	Fitting kit <u>Alu-anodized</u> cut to length (made to measure). For opening > 960 mm and up to 1460 mm .	
11108SMC/SP1	Ditto in <u>Black-anodized</u>	
11108SMD/SP2	Fitting kit <u>Alu-anodized</u> cut to length (sur mesure). For opening > 1460 mm .	
11108SMC/SP2	Ditto in <u>Black-anodized</u>	
11052D	<u>Alu-anodized</u> set of caps for fitting kit 11108SMD	
11052C	<u>Black-anodized</u> set of caps for fitting kit 11108SMC	

GEAR SAF82A



SAF®-Slim

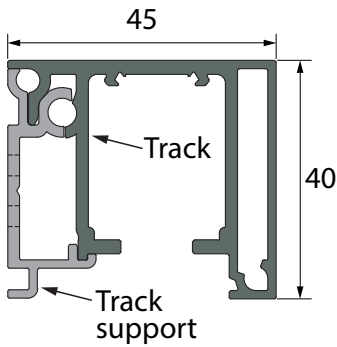
80 Kg

Brushed, anodised aluminium sliding system, for interior doors, combining a high-end finish with an ultra-slim design.

- DISCREET: compact and streamlined look, no visible fastenings, no door machining required and the gap between the door and track is only 3 mm.
- ATTRACTIVE: 2 finishes – brushed black or aluminium.
- INGENIOUS: horizontally adjustable track, adjustable vertical alignment of door, and quick and easy to install.



SAF®-SLIM



Track SAF®-SLIM
(11108SM./...)

ECCENTRIC SCREW:

To adjust the track (horizontally) quickly and easily for a straight and plumb finish



SAF®-SLIM

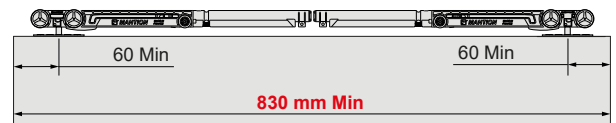


FOR THE BEST OPERATING RESULTS

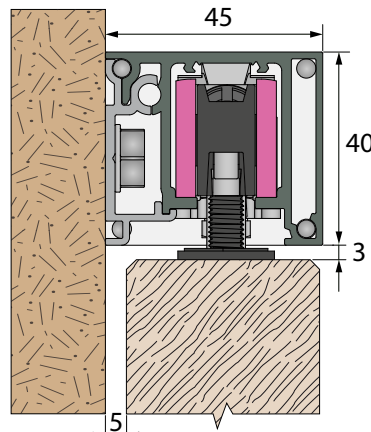
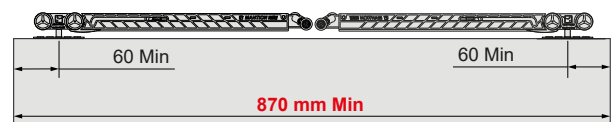
INSTALL 2 SOFTCLOSERS

One for the closing... and one for the opening!

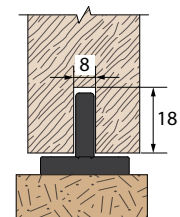
Conditions for 2 dampers M65S ou M66S



Conditions for 2 dampers M67S



Fixing to the wall



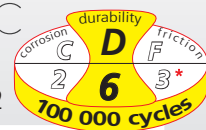
Guide 1103R





Telescopic sliding system for 2 wooden doors

SAF® 80 Telescopic SAF® 120 Telescopic



* SAF® 120 TELESCOPIC: Friction = 2

CAPACITY/DOOR	80 KG (SAF®80 TELESCOPIC) 120 KG (SAF®120 TELESCOPIC)
TRACK	ALUMINIUM
MOVEMENT	STRAIGHT

Essential elements required for a telescopic sliding system: **2 tracks + 1 set SAF TELESCOPIC + 1 cog belt**

TRACKS AND BELT

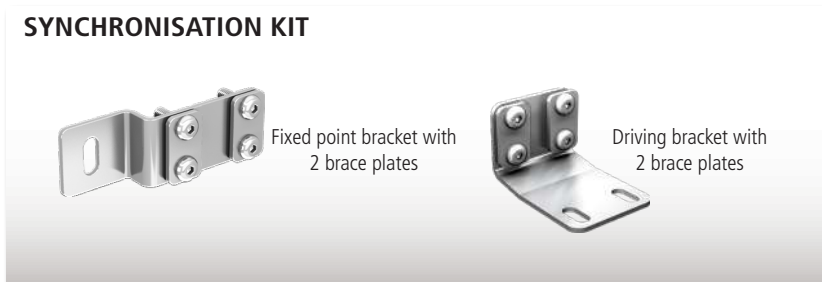
Item Nr.	Description
11108/400	Anodized aluminium track, 33 x 27 mm cross-section, drilled every 0.44 m, in length of 4 m , for maximum opening of 2.5 m. For SAF80-TL2 and SAF81-TL2 sets
11108/500	Ditto in length of 5 m , for maximum opening of 3 m.
11312/400	Anodized aluminium track, 37.4 x 28 mm cross-section, drilled every 0.30 m, in length of 4 m , for maximum opening of 2.5 m. For SAF120-TL2 and SAF121-TL2 sets
11312/500	Ditto in length of 5 m , for maximum opening of 3 m.
1109A/200	25x18 aluminium U-profile to be flush-mounted under the doors, in length of 2 m . Optional, improves door sliding performance.
1109A/300	Ditto in length of 3 m .
10172/500	Cog belt (reinforced), in length of 5 m .



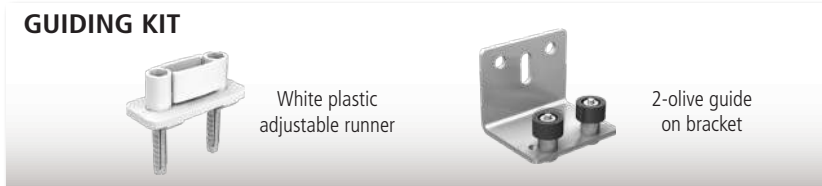
ROLLERS KIT



SYNCHRONISATION KIT



GUIDING KIT



SAF® TELESCOPIC SETS

SAF® TELESCOPIC set contents

1 roller kit:

- 4 rollers mounted on ball bearings, stainless steel pins and screws
- 4 plates (to be screwed on edge or flush-mounted)
- 2 aluminium return pulleys mounted on stainless steel plate
- 2 claw stops with stainless steel screws

1 synchronisation kit:

- 1 fixed point bracket, 2 brace plates, stainless steel
- 1 driving bracket, 2 brace plates, stainless steel

1 guiding kit:

- White plastic adjustable runner (14 to 30 mm) with screw and S6 dowel
- 1 guide with nylon olives on stainless steel bracket

SAF® 80 TELESCOPIC - panel thickness 38-40 mm

SAF80-TL2	Set for 2 doors up to 80 kg and maximum opening of 3 m. with stainless steel plates to be screwed on edge*
SAF81-TL2	Set for 2 doors up to 80 kg and maximum opening of 3 m. with galvanised plates to be flush-mounted

SAF® 120 TELESCOPIC - panel thickness 45 mm

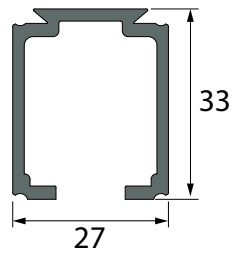
SAF120-TL2	Set for 2 doors up to 120 kg and maximum opening of 3 m. with stainless steel plates to be screwed on edge*
SAF121-TL2	Set for 2 doors up to 120 kg and maximum opening of 3 m. with galvanised plates to be flush-mounted

* this plate requires the panels to be inserted from the end

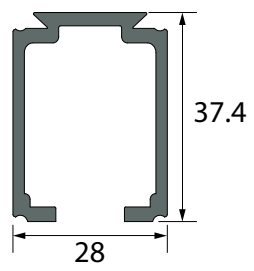


Synchronised system up to 2 panels.

- Allows for openings up to 3 m wide.
- Seamless finish:
 - no floor guide rail
 - doors stored in a stacking bay
- High-end system:
 - rollers guaranteed for 100,000 cycles
 - reinforced pulley/belt-operated synchronisation



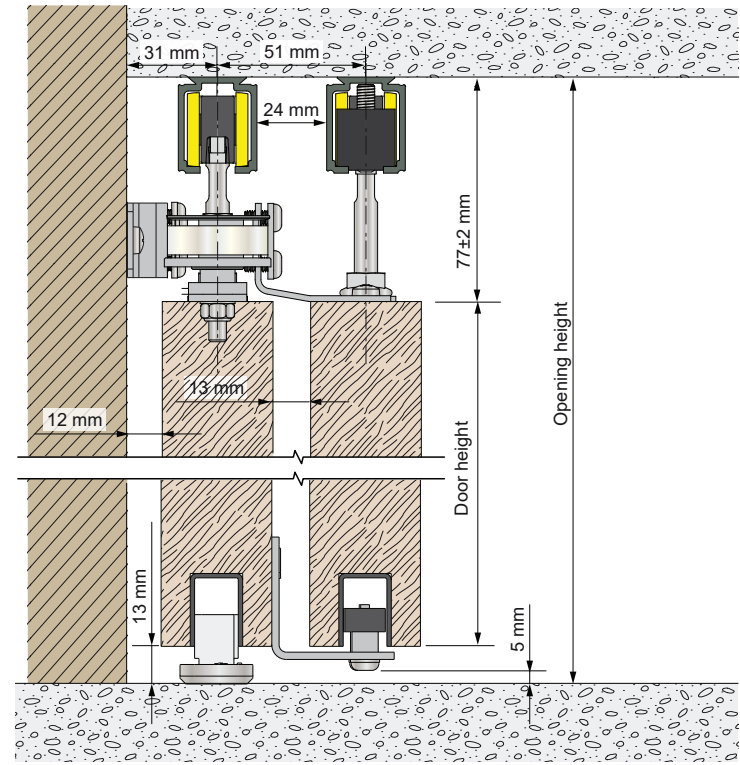
Track SAF® 80 (11108)
(4 - 5 m)



Track SAF® 120 (11312)
(4 - 5 m)

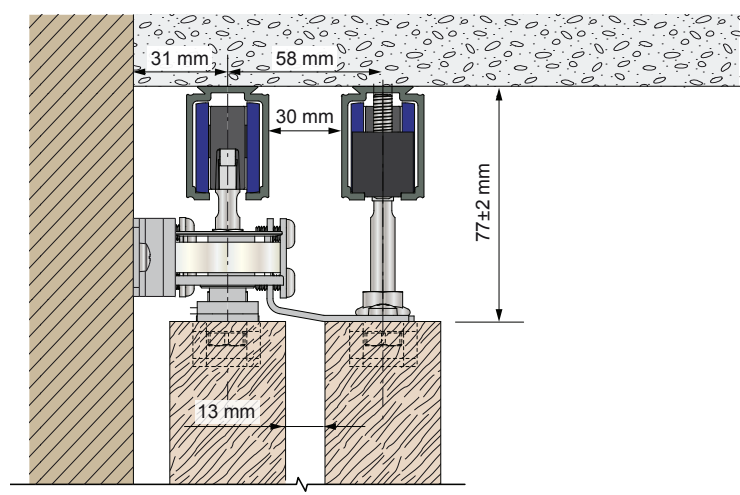
SAF® 80 TELESCOPIC 38-40 mm

(example of plate to be screwed on edge - panel thickness 38 mm)



SAF® 120 TELESCOPIC 45 mm

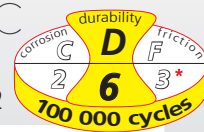
(example of plate to be flush-mounted - panel thickness 45 mm)





Telescopic sliding system for **3 wooden doors**

SAF® 80 Telescopic SAF® 120 Telescopic



* SAF® 120 TELESCOPIC: Friction = 2

CAPACITY/DOOR	80 KG (SAF® 80 TELESCOPIC) 120 KG (SAF® 120 TELESCOPIC)
TRACK	ALUMINIUM
MOVEMENT	STRAIGHT

Essential elements required for a telescopic sliding system: **3 tracks + 1 set SAF TELESCOPIC + 1 cog belt**

TRACKS AND BELT

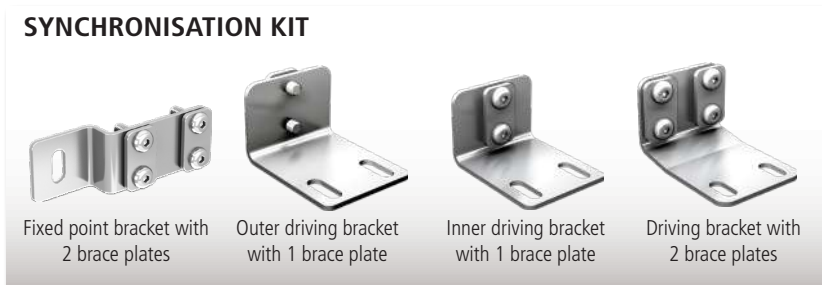
Item Nr.	Description
11108/500	Anodized aluminium track, 33 x 27 mm cross-section, drilled every 0.44 m, in length of 5 m , for maximum opening of 3.5 m. For SAF80-TL3 and SAF81-TL3 sets
11108/600	Ditto in length of 6 m , for maximum opening of 4.5 m.
11312/500	Anodized aluminium track, 37.4 x 28 mm cross-section, drilled every 0.30 m, in length of 5 m , for maximum opening of 3.5 m. For SAF120-TL3 and SAF121-TL3 sets
11312/600	Ditto in length of 6 m , for maximum opening of 4.5 m.
1109A/200	25x18 aluminium U-profile to be flush-mounted under the doors, in length of 2 m. Optional, improves door sliding performance.
1109A/300	Ditto in length of 3 m.
10172/750	Cog belt (reinforced), in length of 7.5 m.



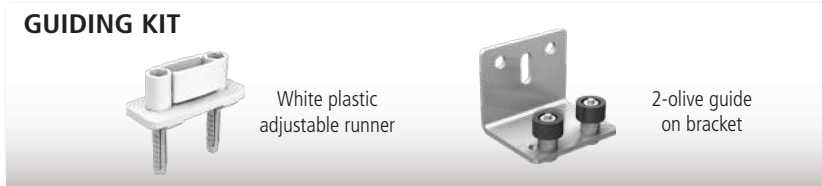
ROLLERS KIT



SYNCHRONISATION KIT



GUIDING KIT



SAF® TELESCOPIC SETS

SAF® TELESCOPIC set contents

1 roller kit:

- 6 rollers mounted on ball bearings, stainless steel pins and screws
- 6 plates (to be screwed on edge or flush-mounted)
- 4 aluminium return pulleys mounted on stainless steel plate
- 2 claw stops with stainless steel screws

1 synchronisation kit:

- 1 fixed point bracket, 2 brace plates, stainless steel
- 1 inner driving bracket, 1 brace plate, stainless steel
- 1 outer driving bracket, 1 brace plate, stainless steel
- 1 driving bracket, 2 brace plates, stainless steel

1 guiding kit:

- White plastic adjustable runner (14 to 30 mm) with screw and S6 dowel
- 2 guides with nylon olives on stainless steel bracket

SAF® 80 TELESCOPIC - panel thickness 38-40 mm

SAF80-TL3	Set for 3 doors up to 80 kg and maximum opening of 4.5 m. with stainless steel plates to be screwed on edge*
SAF81-TL3	Set for 3 doors up to 80 kg and maximum opening of 4.5 m. with galvanised plates to be flush-mounted

SAF® 120 TELESCOPIC - panel thickness 45 mm

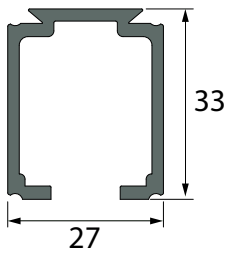
SAF120-TL3	Set for 3 doors up to 120 kg and maximum opening of 4.5 m. with stainless steel plates to be screwed on edge*
SAF121-TL3	Set for 3 doors up to 120 kg and maximum opening of 4.5 m. with galvanised plates to be flush-mounted

* this plate requires the panels to be inserted from the end

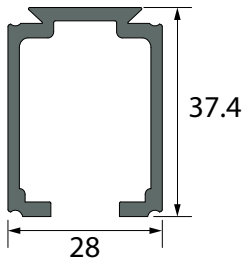


Synchronised system up to 3 panels.

- Allows for openings up to 4.5 m. wide.
- Seamless finish:
 - no floor guide rail
 - doors stored in a stacking bay
- High-end system:
 - rollers guaranteed for 100,000 cycles
 - reinforced pulley/belt-operated synchronisation



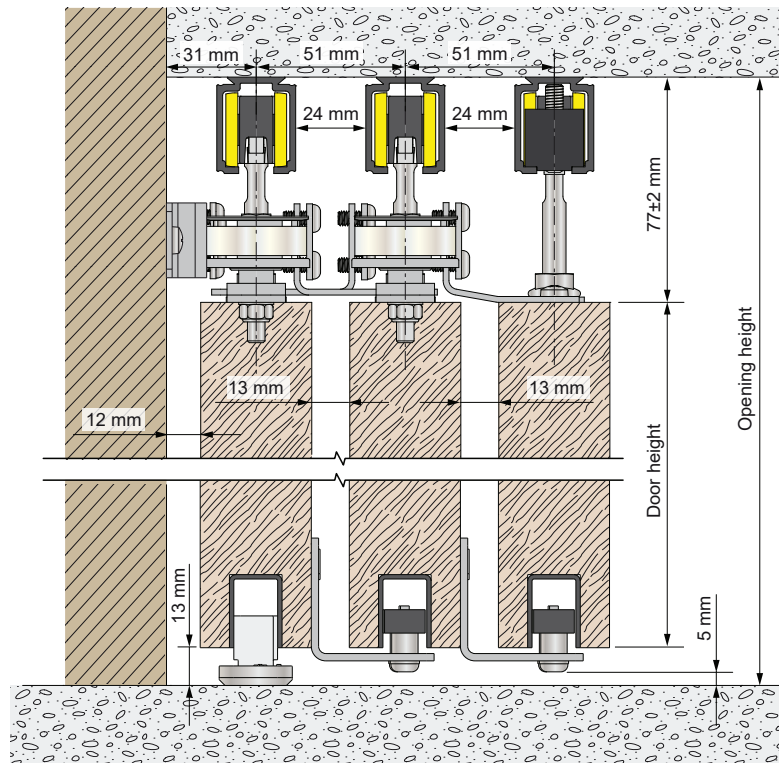
Track SAF® 80 (11108)
(5 - 6 m)



Track SAF® 120 (11312)
(5 - 6 m)

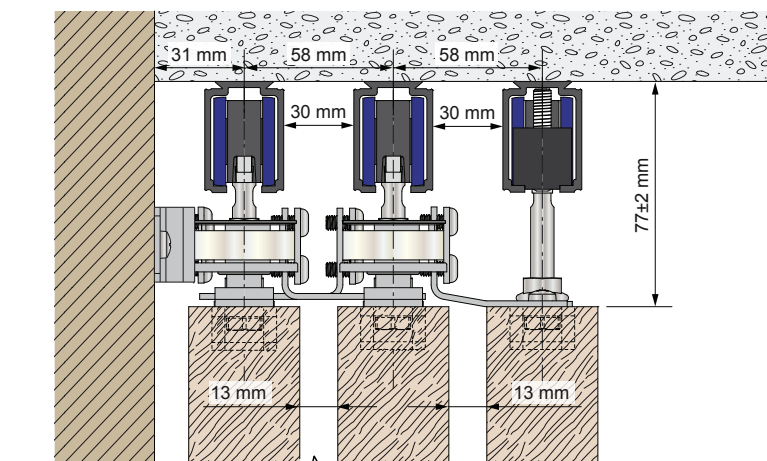
SAF® 80 TELESCOPIC 38-40 mm

(example of plate to be screwed on edge - panel thickness 38 mm)



SAF® 120 TELESCOPIC 45 mm

(example of plate to be flush-mounted - panel thickness 45 mm)



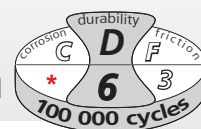


Straight sliding system for heavy wooden doors

STARAL® PLUS

See details of the standard EN 1527 p.4

* Corrosion resistance depends of the components selected



CAPACITY/DOOR	150 KG (TRACK 10300)
	200 KG (TRACK 10400)
	400 KG (TRACK 10500)

TRACK ALUMINIUM

MOVEMENT STRAIGHT

TRACKS AND ACCESSORIES

150 KG	200 KG	400 KG	Fig.	Description
10300/200	-	-	1	Raw aluminium track in length of 2 m.
10300/300	-	-		Ditto. Length: 3 m.
-	10400/400	10500/400		Ditto. Length: 4 m.
-	10400/500	10500/500		Ditto. Length: 5 m.
10300/600	10400/600	10500/600		Ditto. Length: 6 m.
-	10400A/600	10500A/600		Anodized aluminium track in length of 6 m.
10033	10043	10053	2	Sliding angle plate for wall-fixing.
-	10043M	10053M	3	Sliding jointing bracket for wall-fixing.
-	10044	10054	4	Sliding bracket for top-fixing.
-	10044M	10054M	5	Sliding jointing bracket for top-fixing.
-	GH10430BP	GJ10530BP	6	Set of 4 fastening clips for pelmet.
-	GH10430P	GJ10530P	7	Raw aluminium pelmet in length of 6 m.
-	GH10430EN	GJ10530EN	8	Set of end caps for pelmet in black plastic.

FOR DOORS UP TO 150 KG track 10300

Item Nr.	Fig.	Description	
9232NC2	10	Roller with stainless steel framing and nylon wheels mounted on ball bearing top fixing Ø M8. To be used with plates 0036XM8.	2
0036XM8	11	INOX Screwing plate, top-fixing Ø M8 - 100 x 25 - Thickness: 25/10°	100
9139-1	14	Track stop with countersunk tightening screw, for doors weighing 150 Kg	12

FOR DOORS UP TO 200 KG track 10400

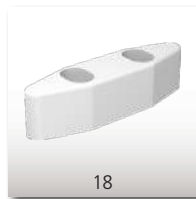
9242NC	9	Roller with bracket to be screwed, fitted with 4 nylon wheels mounted on ball bearing top fixing	2
9242NC2	10	Roller with stainless steel framing and nylon wheels mounted on ball bearing top fixing Ø M10. To be used with plates 0036.	2
0036	11	Screwing plate, top-fixing Ø M10 - 100 x 25 - Thickness: 25/10°	20
9149-1	14	Track stop with countersunk tightening screw, for doors weighing 200 Kg	8

FOR DOORS UP TO 400 KG track 10500

9252NC	9	Roller with bracket to be screwed, fitted with 4 nylon wheels mounted on ball bearing top fixing.	2
9252NC2	10	Roller with stainless steel framing and nylon wheels mounted on ball bearing top fixing Ø M12. To be used with plates 0056.	2
0056	11	Screwing plate, top-fixing Ø M12 - 170 x 30 - Thickness: 40/10°	10
9159-1	14	Track stop with countersunk tightening screw, for doors weighing 400 Kg	2

BOTTOM GUIDE

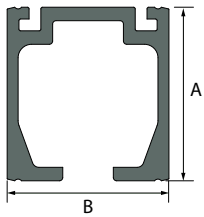
1109/...	15	Galvanized steel U profile 25 x 17 mm - Length: 1.5 / 2 / 3 / 6 m	4
1109A/...	16	Aluminium U profile 25 x 18 mm - Length: 2 / 3 / 6 m	4
1110/...	17	Galvanized steel U profile 30 x 30 mm - Length: 2 / 3 / 6 m	4
1110GDL	18	Nylon guide for U-PROFILE 30 x 30 - 100 x 25 x 25 mm	8
1103RG	19	White plastic adjustable runner (14 to 30 mm) with screw and S6 dowel	10
1102	20	Plate with an olive guide, screwing type. For U-Profile 1109A.	20



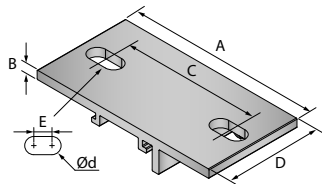


Straight sliding system with aluminium track for heavy wooden doors.

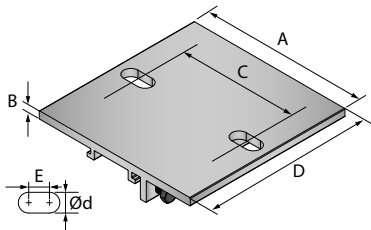
- **NOISELESS:** rollers fitted with nylon wheels mounted on ball bearing
- **AESTHETIC:** rollers 9232NC2 - 9242NC - 9242NC2 - 9252NC and 9252NC2 have been designed to reduce the gap between the top of the door and the bottom of the track
- **ROBUSTNESS:** rollers 9232NC2, 9242NC2 and 9252NC2 are equipped with stainless steel framing



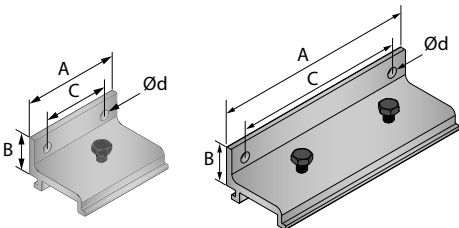
Item Nr.	A	B
10300	39	39
10400	51.5	47.5
10500	72	64.5



Item Nr.	A	B	C	D	E	Ød
10044 (track 10400)	127	6	91	65	12	12
10054 (track 10500)	158	8	116	90	10	16



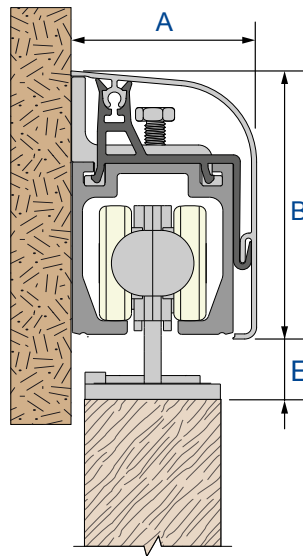
Item Nr.	A	B	C	D	E	Ød
10044M (track 10400)	127	6	91	130	12	12
10054M (track 10500)	180	8	116	158	10	16



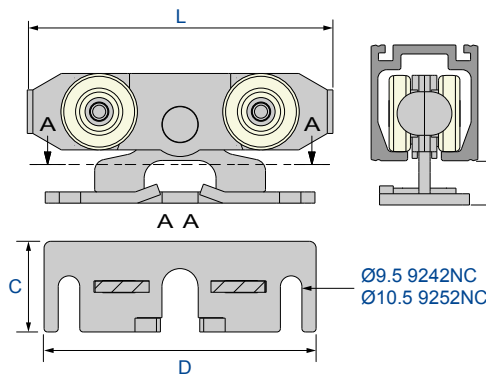
Item Nr.	A	B	C	Ød
10033 (track 10300)	40	20	25	5
10043 (track 10400)	65	24	45	6.5
10043M (track 10400)	130	24	110	6.5
10053 (track 10500)	90	30	70	8.5
10053M (track 10500)	180	30	160	8.5

STARAL® PLUS

9242NC - 9252NC

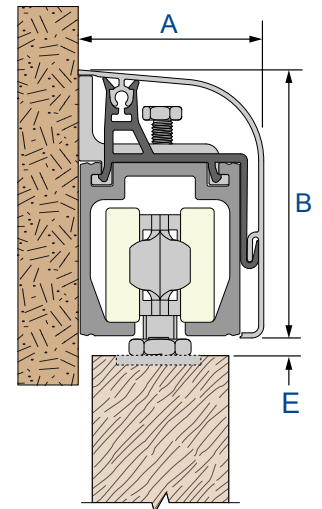


Track	A	B	E
10400	54.5	78.5	20
10500	71	105	24



Item Nr.	L	E	C	D
9242NC	136	20	40	120
9252NC	156	24	50	142

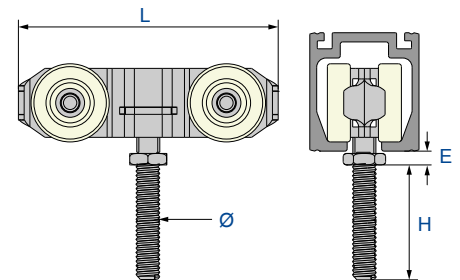
9232NC2 - 9242NC2 - 9252NC2



Example with embedded plate

Track	A	B	E
10300*	-	-	-
10400	54.5	78.5	6 min
10500	71	105	7 min

*no pelmet for the track 10300



Item Nr.	L	E	H	Ø
9232NC2	89	5 min	33	M8
9242NC2	113	6 min	53	M10
9252NC2	140	7 min	43	M12

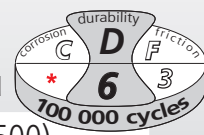


Straight sliding system for heavy wooden doors

STARAL®

See details of the standard EN 1527 p.4

* Corrosion resistance depends of the components selected



CAPACITY/DOOR	400 KG (TRACK 10500) 600 KG (TRACK 10600)
TRACK	ALUMINIUM
MOVEMENT	STRAIGHT

TRACKS AND ACCESSORIES

400 KG	600 KG	Fig.	Description
10500/400	10600/400	1	Raw aluminium track in length of 4 m.
10500/500	10600/500		Ditto. Length: 5 m.
10500/600	10600/600		Ditto. Length: 6 m.
10500A/600	-		Anodized aluminium track in length of 6 m.
10053	10063	2	Sliding angle plate for wall-fixing
10053M	10063M	3	Sliding jointing bracket for wall-fixing
10054	-	4	Sliding bracket for top-fixing
10054M	10064M	5	Sliding jointing bracket for top-fixing



FOR DOORS UP TO 400 KG

track 10500

Item Nr.	Fig.	Description	☐
9252N	6	Roller with swanneck, 4 wheels mounted on ball bearings with Nylon binding - axle: Ø M16.	2
9255N	7	Ditto with removable collar - axle: Ø M16.	2
0086	8	Screwing plate, top-fixing Ø M16. 400 x 40. Thickness: 10 mm.	2
0081	9	Adjustable apron set for 55 to 75 mm panels.	2
0085	10	Welding plate, side-fixing Ø17 mm. 102 x 50 x 26. Thickness: 50/10 ^e	2
9159	11	End stop. For tracks 10500.	2



FOR DOORS UP TO 600 KG

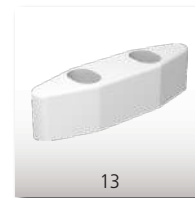
track 10600

Item Nr.	Fig.	Description	☐
9262N	6	Roller with swanneck, 4 wheels mounted on ball bearings with Nylon binding - axle: Ø M16.	2
9265N	7	Ditto with removable collar - axle: Ø M16.	2
0086	8	Screwing plate, top-fixing Ø M16. 400 x 40. Thickness: 10 mm.	2
0081	9	Adjustable apron set for 55 to 75 mm panels.	2
0085	10	Welding plate, side-fixing Ø17 mm. 102 x 50 x 26. Thickness: 50/10 ^e	2
9169	11	End stop. For tracks 10600.	2



BOTTOM GUIDE

Item Nr.	Fig.	Description	☐
1110/200	12	U profile 30x 30 mm in ZM 200 (magnesium zinc) - Length: 2 m.	4
1110/300	12	Ditto. Length: 3 m.	4
1110/600	12	Ditto. Length: 6 m.	4
1110GDL	13	Nylon guide for U-PROFILE 30 x 30 - 100 x 25 x 25 mm.	8

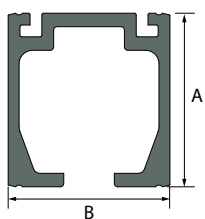


Straight sliding system with aluminium track for heavy wooden doors.

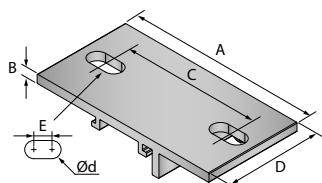
- NOISELESS: rollers fitted with nylon wheels mounted on ball bearing



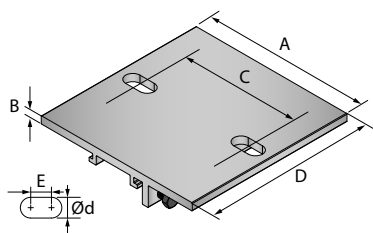
STARAL®



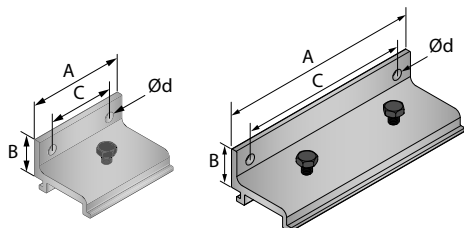
Item Nr.	A	B
10500	72	64.5
10600	90.5	79.5



Item Nr.	A	B	C	D	E	Ød
10054 (track 10500)	158	8	116	90	10	16



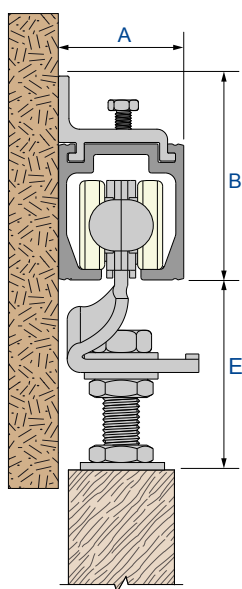
Item Nr.	A	B	C	D	E	Ød
10054M (track 10500)	180	8	116	158	10	16
10064M (track 10600)	220	10	140	190	10	21



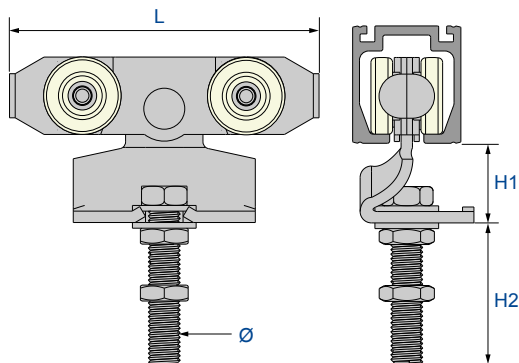
Item Nr.	A	B	C	Ød
10053 (track 10500)	90	30	70	8.5
10053M (track 10500)	180	30	160	8.5
10063 (track 10600)	110	40	80	10.5
10063M (track 10600)	220	40	190	10.5

STARAL®

9252N - 9262N

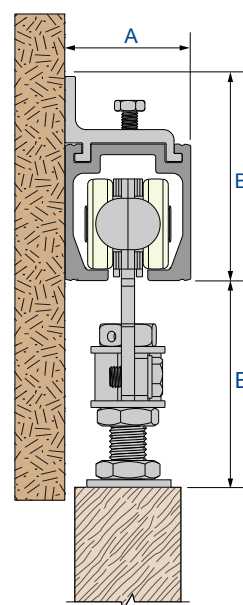


Track	A	B	E
10500	64.5	102	78±25
10600	79.5	130.5	71±25

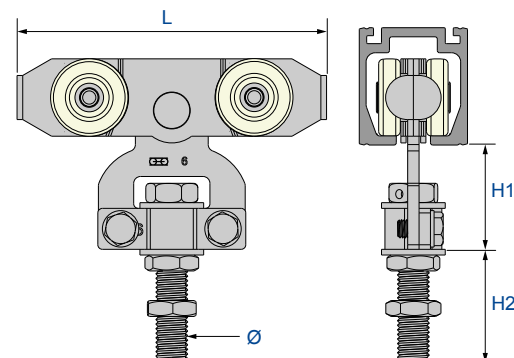


Item Nr.	L	H1	H2	Ø
9252N	156	43	71	M16
9262N	156	35.5	71	M16

9255N - 9265N



Track	A	B	E
10500	64.5	102	83±18
10600	79.5	130.5	76±18



Item Nr.	L	H1	H2	Ø
9255N	156	59	51	M16
9265N	156	49.5	57.5	M16



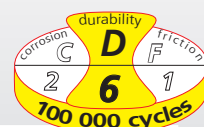
Sliding system on flat steel track

RQC DESIGN

DESIGNED & DEVELOPED
BY MANTION



See details of the standard EN 1527 p.4



CAPACITY/DOOR	80-100-120 KG
TRACK	FLAT STEEL
MOVEMENT	STRAIGHT

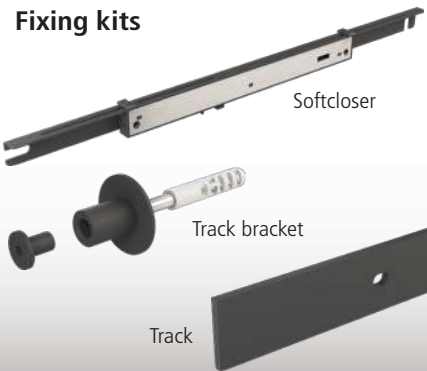
Complete set: 1 FITTING KIT + 1 FIXING KIT + (ACCESSORIES OF YOUR CHOICE)

FITTING KITS	
Item Nr.	Description
RD-A-B	Set for doors up to 120 Kg with «black» finish comprising: - 2 rollers type A - 2 end stops with rubber buffer - 2 anti disbonding systems - 1 bottom guide in plastic - Screws, spanner and mounting instructions
RD-B-B	Ditto with roller type B . For doors up to 120 Kg .
RD-C-B	Ditto with roller type C . For doors up to 80 Kg .
RD-D-B	Ditto with roller type D . For doors up to 120 Kg .
RD-E-B	Ditto with roller type E . For doors up to 100 Kg .
RD-F-B	Ditto with roller type F . For doors up to 120 Kg .

Fitting kits

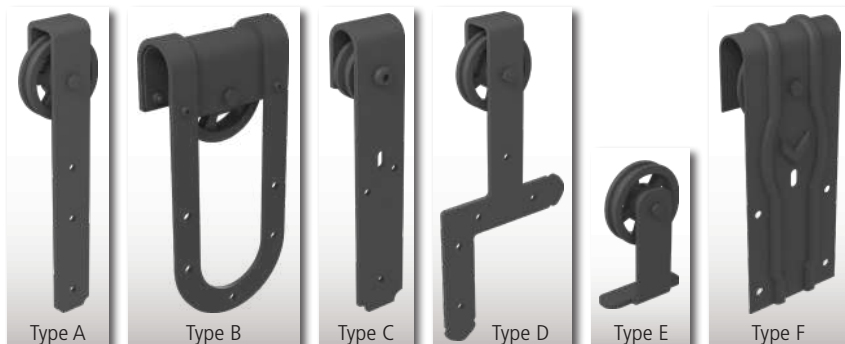


Fixing kits



FIXING KITS	
RD-T9-B	Kit for maximum opening of 950 mm , «black» finish, comprising: - 1 flat steel track , in length of 1950 mm. 50 x 6 mm - 4 track brackets for wall mounting (every 0.56 m.) - 1 softcloser for gentle closing or opening of doors
RD-T12-B	Kit for maximum opening of 1200 mm , «black» finish, comprising: - 1 flat steel track , in length of 2400 mm. 50 x 6 mm - 5 track brackets for wall mounting (every 0.56 m.) - 1 softcloser for gentle closing or opening of doors.

ROLLERS:



ACCESSORIES	
RD-1	Bottom guide, for doors for 16 to 45 mm thickness.
RD-2	Softcloser for gentle closing or opening of doors. For doors up to 120 Kg.
RD-3B	Steel handle with «black» finish. Height: 286 mm - Width: 32 mm
RD-4B	Dished flush pull, in steel, with «black» finish. Height: 200 mm - Width: 90 mm.
RD-5B	Steel handle with «black» finish. Height: 356 mm - Width: 32 mm
RD-6B	Steel handle with «black» finish. Height: 265 mm - Width: 40 mm
RD-7	Set of 4 shims to increase the distance between the wall and the track. Length: 10 mm.
RD-8	The SYMETRIC mechanism allows the installation of additional doors, and thus enables their symmetrical and simultaneous opening and closing. The advantage of the assembly is the extremely decorative combination of synchronously operating rollers. Compatible onyl with type A and D rollers.
RD-9	Track connector. For joining two tracks together. Especially used with synchronisation kits (RD-8).
RD-10B	Flat, steel pull handle with a "black" finish. Height = 356 mm. Width = 32 mm
RD-11B	Steel dish handle with a "black" finish. Height = 203 mm. Width = 54 mm



*Anti disbonding is different for the roller C and roller E:

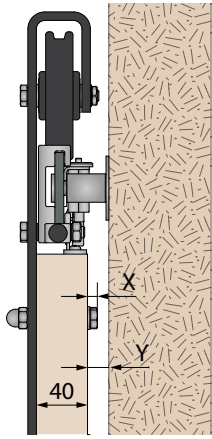




Stylish sliding system on flat steel track for doors up to 120 Kg.

- COMFORT: **softcloser** (follows door to its closed or opened position) in **each** fixing kit.
- DESIGN: a unique look with our «black» finition
- CUSTOM SYSTEM: 6 differents type of roller to make your own interior design
- QUALITY: rollers are equipped with polyamide wheels to offer and guarantee an unequaled rolling comfort (guarantee 100 000 cycles)

80-100-120 Kg



Roller	A	B	C	D	E	F
X	4	6	/	4	/	4
Y	11	13	8	11	11	11



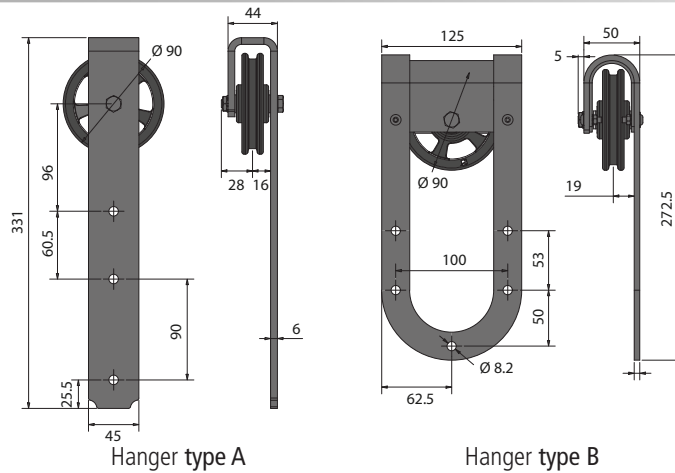
Synchronisation kit: RD-8

The **SYMETRIC** mechanism allows the installation of additional doors, and thus enables their symmetrical and simultaneous opening and closing. Available for **roller A** and **roller D**

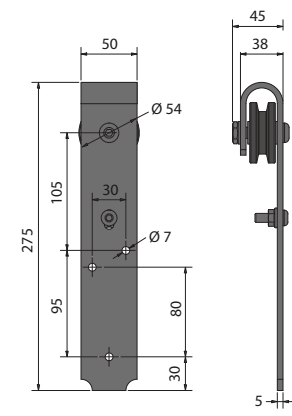


Softcloser for gentle closing of doors. Softcloser automatically follows door to its closed or opened position. For doors up to **120 kg** max.

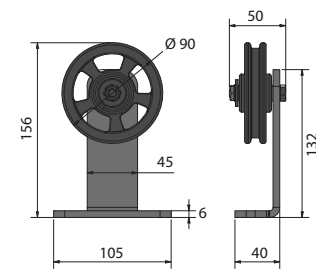
ROC® DESIGN



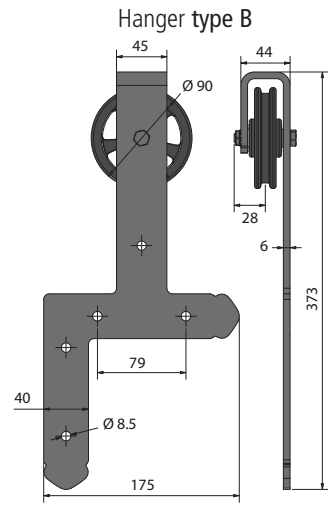
Hanger type A



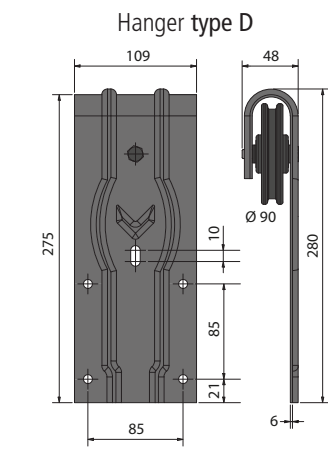
Hanger type C



Hanger type E

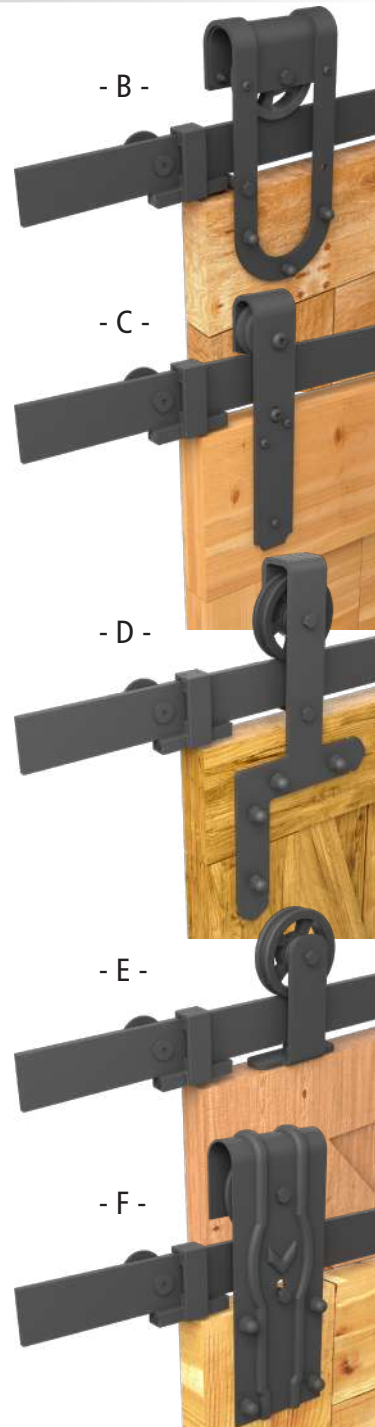


Hanger type B



Hanger type D

Hanger type F





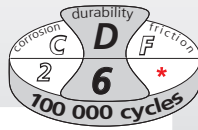
Semi-automatic sliding system

SOFTCLOSE

DESIGNED & DEVELOPED
BY MANTION



See details of the standard EN 1527 p.4
* not relevant to the standard EN1527

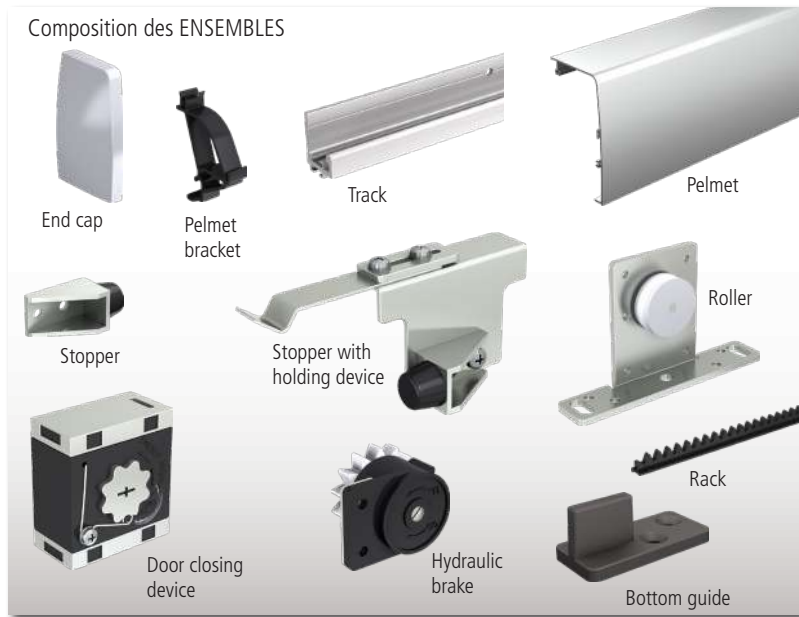


CAPACITY/DOOR	80 KG
TRACK	ALUMINIUM
MOVEMENT	STRAIGHT

KITS READY TO FIT

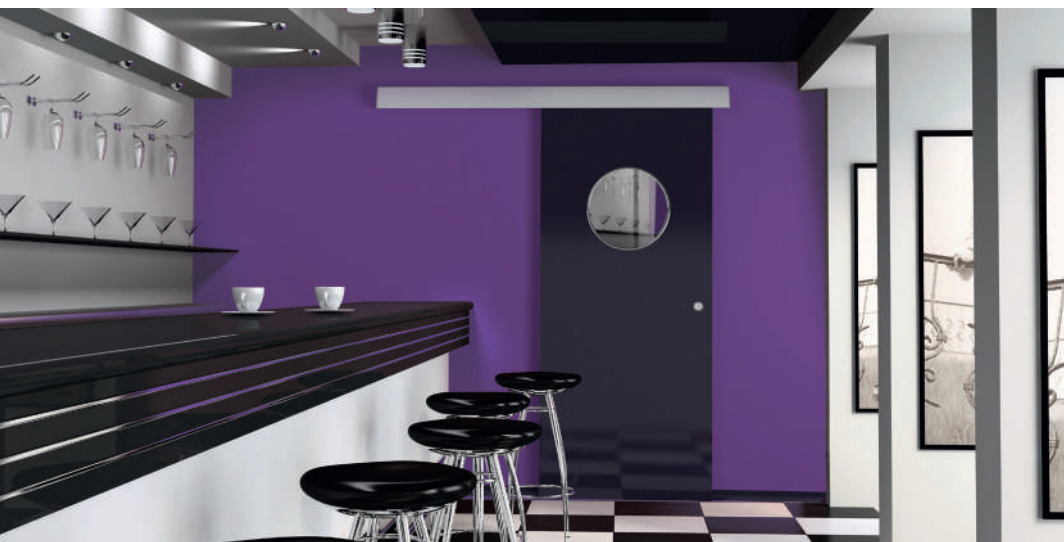
Item Nr.	Description
Set including:	
- 1 track in anodized aluminium	
- 1 pelmet in anodized aluminium with 2 ends and 2 pelmet brackets	
- 2 rollers with ball bearings mounted on plates	
- 1 hydraulic brake	
- 1 rack	
- 1 door closing device (spiral spring)	
- 1 «open door» device	
- 2 stoppers	
- 1 adjustable «open door» stop	
- 1 bottom guide	
- Screws and assembly instructions	
SC-80	For doors 830 to 880 mm wide
SC-100	For doors 1030 to 1080 mm wide
SC-145	For doors 1480 to 1530 mm wide

Composition des ENSEMBLES



OPTION CLOSING

3012CSC	Additional rack (Length: 570 mm): allowing to increase the closing time (for KIT SC-145 to use 2 racks).
SC-TR	Timer on the right side: The door stays opened until 60 seconds before closing (adjustable).
SC-TL	Ditto on the left side.



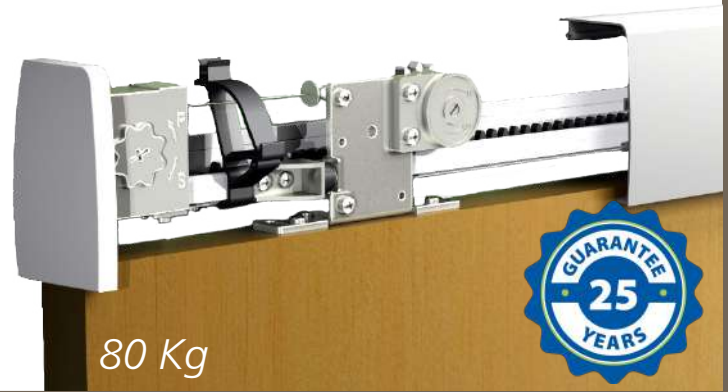


Convenient for persons with reduced mobility



Mechanical spring loaded system designed for areas that must stay closed or open.

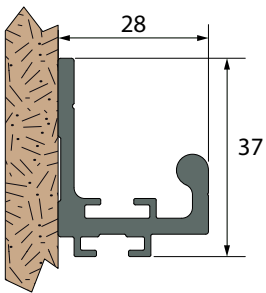
- PRACTICAL: 3 kits ready to fit for widths of openings from 750 to 1400 mm
- DESIGN: perfect finish with anodized aluminium pelmet (auto-closing)
- SILENT: integrated hydraulic brake for a soft and silent closing or opening.
- COMFORTABLE: adjustable closing speed.



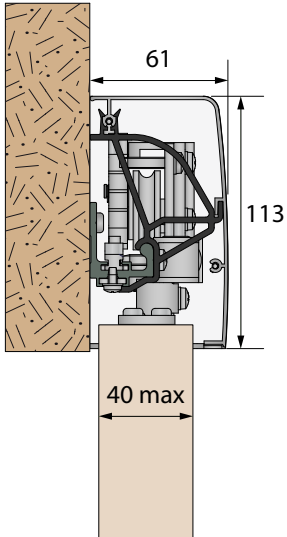
80 Kg



SOFTCLOSE

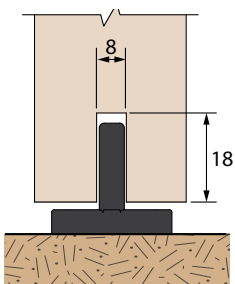


Track SOFTCLOSE



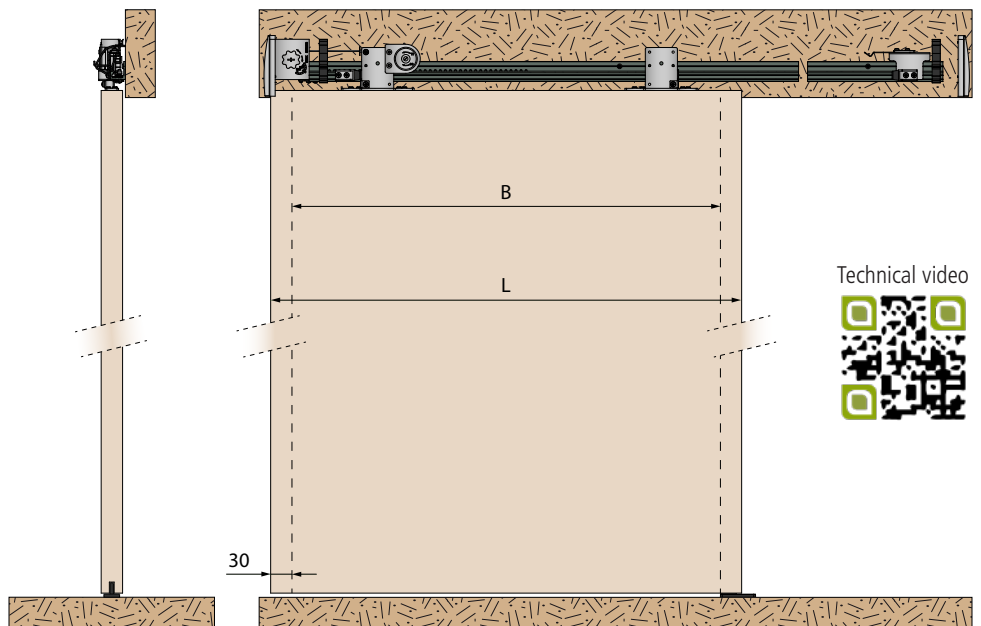
Cross. section

Doors up to 45 mm width available now!
For more information, contact us!



Guide 1103R

SOFTCLOSE



Technical video

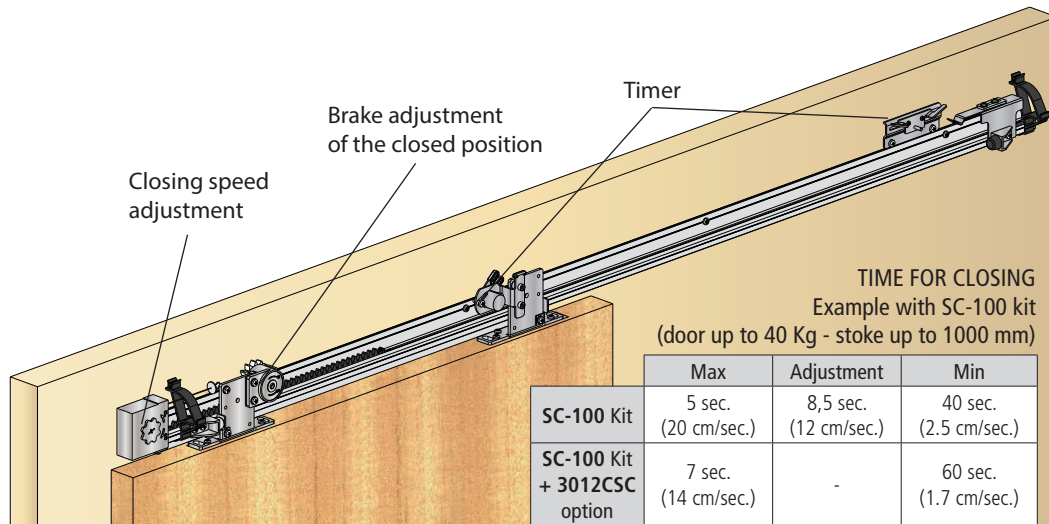


If you are creating a new door opening:
the width of the new opening should be based on standard door widths

Door width (L)	Item Nr.	Opening width (B)
830	SC-80	750
1030	SC-100	950
1480	SC-145	1400

Renovation, existing door frame:
base your choice on the width of the existing opening to determine the width of the door you need

Opening width (B)	Item Nr.	Door width (L)
800	SC-80	880
1000	SC-100	1080
1450	SC-145	1530



TIME FOR CLOSING
Example with SC-100 kit
(door up to 40 Kg - stoke up to 1000 mm)

	Max	Adjustment	Min
SC-100 Kit	5 sec. (20 cm/sec.)	8,5 sec. (12 cm/sec.)	40 sec. (2.5 cm/sec.)
SC-100 Kit + 3012CSC option	7 sec. (14 cm/sec.)	-	60 sec. (1.7 cm/sec.)

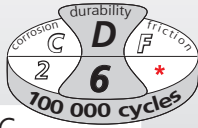


Straight motorized sliding system

WIDOOR - 5 years warranty

See details of the standard EN 1527 p.4

* Motorized systems not relevant to the standard EN1527



CAPACITY/DOOR	80 KG or 2 X 50 KG
DOOR THICKNESS	40 MM MAX
TRACK	ALUMINIUM
MOVEMENT	STRAIGHT MOTORIZED

Essential elements required for a motorized sliding system: **1 track + 1 sliding kit + 1 motor + 2 control accessories**

TRACKS & PELMETS

Item Nr.	Description	
11108/...	Alu-anodized track, 33 x 27 mm, drilled every 0.44 m. Length: 2, 3, 4, 5 and 6 m.	6
11013	Sliding angle plate for wall fixing of the track (every 0.44 m.)	10



SLIDING KITS FOR MOTORS WIDOOR

SAF80A-111W	Kit for 1 single door (80 Kg max) - opening of 1.1 m. max including: - 2 rollers SAF (with precision bearings) with plates - 1 drive set - 2 end stops and 1 lower guide - 1 spirit level (Buly)
SAF80A-202W	Kit for 1 double door (50 Kg max each) - opening of 2 m. max including: - 4 rollers SAF (with precision bearings) with plates - 1 drive set - 4 end stops and 2 lower guides - 1 spirit level (Buly)

SLIDING KIT



WIDOOR MOTORS- POWER SUPPLY 230 V

K0000256	Motor WIDOOR wired Kit (supply without control accessories). Power supply 24V and control box are incorporated to the motor. - Require control accessories: wired switch or radar - Mechanical elements (track and sliding kit) to order separately
K0000266	Dito radio control 433.92 MHz

WIDOOR INSIDE MOTORS- POWER SUPPLY 24 V

W0001210	Motor WIDOOR INSIDE wired Kit (supply without control accessories). The control box is offset the motor (supply in a Ø68 mm dry box with a RJ cordset of 3 m.). - Require a 24V power supply (C0000265 or W0000230) - Require control accessories: wired switch or radar - Mechanical elements (track and sliding kit) to order separately
W0001220	Ditto radio control 433.92 MHz.
C0000265	Power supply 70W. Entry 90-260V AC (50-60 Hz) - Exit 24V DC.
W0000230	Power supply 230 V/24 V DC supply in a Ø68 mm dry box (IP50).



ACCESSORIES FOR CONTROLLING THE MOTOR

C0001310	Microwave motion detector, adjustable detection area and address recognition.
C0004780	Radio transmitter, ideal for renovation: no cables to lay! 433.92 MHz remote control.
C0001290	Wired Switch 1 Pushbutton.
C0001300	Motion sensor radar. Wired contactless switch.



ACCESSORIES FOR CONTROLLING THE MOTOR

C0013750	Surface or flush-mounted electromagnetic holding lock for sliding doors. Holding force: 60 Kg
C0013760	Surface-mounted electromagnetic holding lock for sliding doors. Holding force: 180 kg
C0013765	Flush-mounted electromagnetic holding lock for sliding doors. Holding force: 180 Kg



Motorized straight sliding system for wooden doors up to 40 mm thickness. Its smoothness and noiseless operating make this product ideal for interior applications.

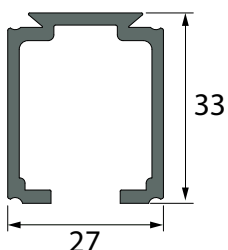
- Max. weight: 1 door weighing 80 kg, or 2 doors weighing 50 kg each
- Settings can be accessed via a dedicated Bluetooth application
- The motor is mounted on a silent block to guarantee extremely silent operation
- The motor is operated using a switch (wireless or wired) or a radar sensor
- Easy to set up and run: self-learning function for limit switches
- Ideal for pocket doors
- Magnetic locks available as an option for greater security
- Made in France, and comes with a 5-year warranty



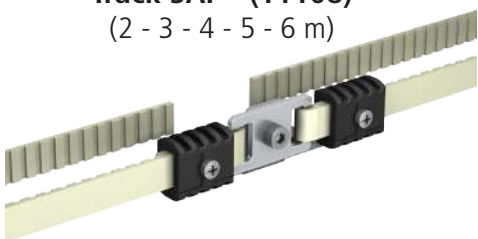
Convenient for persons with reduced mobility



WIDOOR



Track SAF® (11108)
(2 - 3 - 4 - 5 - 6 m)



Easy synchronisation implementation thanks to two movables clamps. Furthermore the gap between the track and the door is really reduced.



NEW

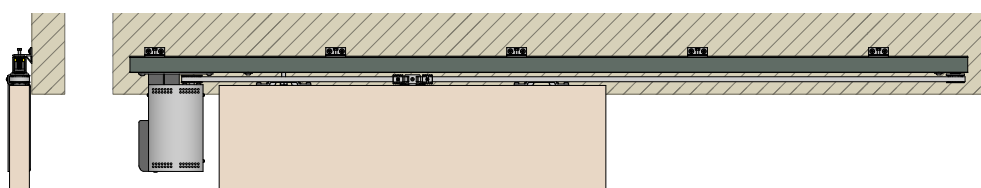
Get it on Google play

Available on the App Store

Use your smartphone to operate your motorised door thanks to our Widoor app!

- ✓ Open and close your motorised sliding door using your smartphone
- ✓ Regulate the opening and closing speeds of your sliding door as and when
- ✓ Set your motorisation parameters to suit your needs: delay time before closing, lock, LED flash light...

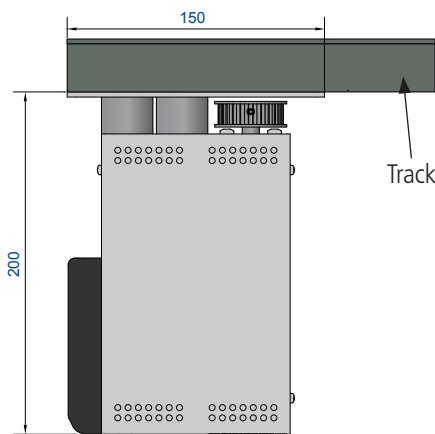
WIDOOR - WIDOOR INSIDE



WIDOOR

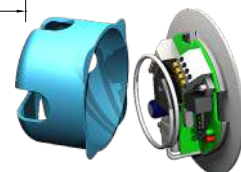
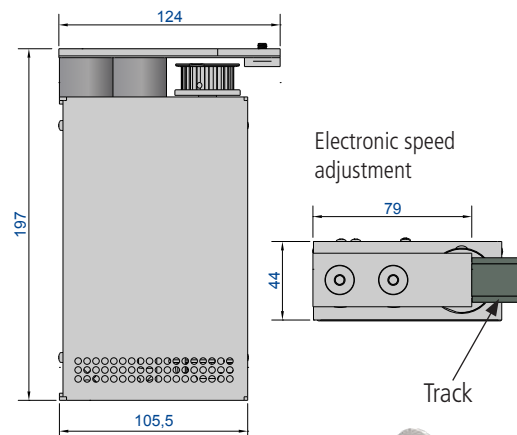
TECHNICAL CHARACTERISTICS OF THE MOTOR	
Maximum weight per door	Single door 80 Kg Double door 2 x 50 Kg
Technology	Belt transmission
Connectivity	Radio (433,92 MHz) / Bluetooth (BLE4.1)
Settings by smartphone	Yes
Power Supply	80 - 264 VAC
Frequency	47 - 63 Hz
Nominal Power	65 W
Current max	1,5 A at 115 VAC / 1 A at 230 VAC
Max opening speed	50 mm/s - 350 mm/s *
Max closing speed	50 mm/s - 200 mm/s *
Timer before closing the door	0 s - 60 s
Protection	Internal fuse 2,5 AT
Equipment safety	EN60335-1, EN60335-2
Operating temperature	+5 °C < T < +40 °C

Tests realised with a single door weighing 50 kg. Data for guidance only.



WIDOOR INSIDE

TECHNICAL CHARACTERISTICS OF THE MOTOR	
Maximum weight per door	Single door 80 Kg Double door 2 x 50 Kg
Technology	Belt transmission
Settings by smartphone	Non
Power Supply	24 VDC
Radio frequency	433,92 MHz
Max power consumption	75W maxi
Inputs / outputs	2E / 1S (24 VDC - 2A)
Max opening speed	350 mm/s
Protection	Internal fuse 2,5 AT
External protection recommended	4A thermal magnetic circuit breaker C curve or equivalent
Protection rating	IP20
Operating temperature	-10 °C < T < +60 °C



Connections and settings are located on the motorization cover. Need to foresee a trapdoor for settings and eventual maintenance.

Radio-control electronics card integrated into a Ø68 mm dry box: must be located less than 3 m from the motor.



Automated system for sliding doors

MOVENTIV® 80

by MANTION

NEW

See details of the standard EN 1527 p.4
 * Motorized systems not relevant to the standard EN1527

Corrosion	durability	Friction
C	E	F
2	6	*
500 000 cycles		

CAPACITY/DOOR	80 KG
DOOR THICKNESS	40 MM
TRACK	ALUMINIUM
MOVEMENT	LINEAR MOTOR

Components for 1 door: **A + B + C +D + E** (B may be optional according to the set-up)

	830 MM	930 MM	1030 MM	1130 MM	Maximum door width
TRACK FASTENING ELEMENTS					
A	Surface mounting				Wall-mounted bracket made of galvanized steel and cut to length
	C0013800	C0013810	C0013820	C0013830	
	Ceiling mounting				Ceiling-mounted plate made of galvanized steel and cut to length
	C0013840	C0013850	C0013860	C0013870	
TRACK CASING					
B	Finishing pelmet				Anodised aluminium pelmet to be clipped onto the track. Cut to length.
	C0013880	C0013890	C0013900	C0013910	
	Set of pelmet end caps				Set of two polyamide end caps.
K0001400					
MOTORISED TRACKS					
C	K0001520	K0001530	K0001540	K0001550	Track kit with integrated motorisation – includes: - 1 anodised aluminium track – cut to length - 1 stator (coils which generate a magnetic field) - 1 carrier (mobile trolley equipped with magnets) - 1 controller (motor control) - hardware for fastening the track
KITS FOR FITTING PANELS					
D	For timber panels				Fitting kit – flush-mounted in timber panels, includes: 1 anodised aluminium profile to be flush-mounted in the top of the door, 1.5 m + 2 end caps + 2 door-to-carrier connecting screws + 1 PVC profile to be flush-mounted in the underside of the door, 1.5 m + 1 polyamide guide
	26FC				
	For glass panels				Fitting kit for 8 mm glass panels, includes: 2 clamps + 2 door-to-carrier connecting screws + 2 anodised aluminium pelmets, 1.5 m + 2 end caps + 1 stainless steel lower guide
	K0001430				
K0001440				Ditto for 10 mm glass panels	
CONTROL SYSTEM ACCESSORIES (plan for one control per side)					
E	C0001310				Motion sensor.
	C0001315				Motion sensor radar and presence sensor (prevents the door from closing if someone is in front of it).
	C0001325				Miniature photoelectric sensor.
	C0004780				Wireless switch, ideal for renovation: no cables to lay. 433.92 MHz wireless control.
	C0001290				Wired switch with 1 push-button.
	C0001300				Wired contactless switch.



MOVENTIV® 80 is the ideal solution for the automation of your sliding doors, wherever you want to install it. Its timeless design and compact size make the MOVENTIV® an indispensable product for your projects. ULTRA-SILENT: The contactless magnetic field drive eliminates any mechanical noises which conventional rotating motors can generate. Enjoy unrivalled, silent operation!

- ULTRA-EFFICIENT: As the drive is direct and without transmission elements, the MOVENTIV® is guaranteed for 500,000 cycles or 5 years.
- Connected automation 3.0: which simplifies the remote control of your sliding door. Its smartphone application allows you to control, via Bluetooth, the opening and closing of your door and much more.
- Installation and commissioning are simplified: The system is fully assembled in MANTION's factory and delivered as a ready-to-install product.
- Multiple connections: Its smart system and its wide range of accessories (button, radar, smartphone application, LED strip) allow a personalized setting of your door.

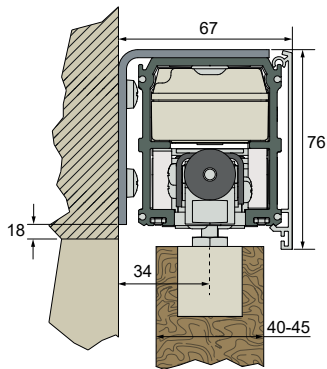


Convenient for persons with reduced mobility



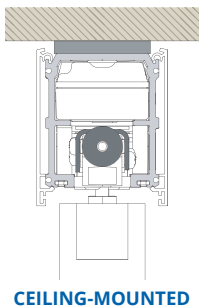
80 Kg

MOVENTIV® 80

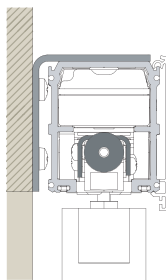


POSSIBLE MOUNTING OPTIONS

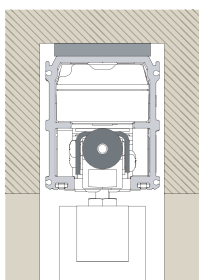
MOVENTIV® 80 can be wall, ceiling-mounted or recessed, whatever the requirements. You can also decide to use it with or without a door jamb (a vertical jamb is more pleasing to the eye and shuts the light out more effectively for wood doors).



CEILING-MOUNTED



WALL-MOUNTED



RECESSED



Download our leaflet!

The app MOVENTIV®



Remote control of everything

MOVENTIV® 80 simplifies operation. Its motorization is connected 3.0 thanks to the smartphone application we have developed. Control the opening and closing of your doors with a simple gesture via Bluetooth. This free application will also allow you to set up everything quickly.

It's as easy to use as it is to install. You connect the mains and control with the smartphone "Plug and Play".

Operate your sliding door remotely and much more...

Opening, closing... you can control your motorization with your smartphone, in the same way as with a remote control.

But the application goes even further!

- Open/close control & timed opening control.
- Locking the door
- Opening/closing speed adjustment
- Control accessories can be set per side
- Switching on the LED headband (torch)

Harmonious blend of technology

MOVENTIV® 80, this integrated, automated system is specifically designed to operate interior sliding doors often used in places such as offices, hospitals, hotels, homes and other types of buildings.

MOVENTIV® 80 is equipped with a new generation magnetic field-driven motor, which eliminates the need for transmission parts such as speed reducers and belts. The electronic part is fully incorporated into the sets delivered.

As discreet as it is efficient, the MOVENTIV® motor is fully incorporated into its profile. Its timeless design and compact size make MOVENTIV® a must-have product for all your projects that involve automated room dividers.



Download the free MOVENTIV® application:



BENEFITS OF THE APP

Your daily companion

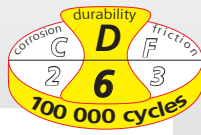
Your smartphone is your remote control. But the application goes even further!



Straight sliding system for glass doors

MAGLASS PINCE 80

See details of the standard EN 1527 page 4



CAPACITY/DOOR	80 KG
DOOR THICKNESS	8 - 10 - 12 MM
TRACK	ALUMINIUM
MOVEMENT	STRAIGHT

READY-TO-INSTALL SET - 1 LEAF OF 80 KG MAX.

Item Nr.	Description
GE7001	Set for one 8/10/12 mm door including: - 1 raw aluminium track 11145 - Length = 2 m . - 1 gear GE4201 For maximum opening of 0.96 m.



TRACK

11145/...	Raw aluminium track, 32.1 x 26.4 mm cross-section drilled every 0.44 m, in lengths of 4 or 6 m .
-----------	---

GEAR MAGLASS PINCE 80

GE4201	Gear for one 8/10/12 mm door including: - 2 mountings with precision bearings - 2 anodised aluminium clamps - Sets of shims for 8, 10 or 12 mm doors - 2 hydraulic door closer end stops - 1 adjustable lower guide made of transparent polycarbonate - Tools and installation instructions
--------	--



For the best possible smoothness of travel, choose the synchronised fitting according to the weight of the door:

How to calculate the weight of a glass door:

$$W = 2.5 \times \text{thickness of door (in mm)} \times \text{surface area of door (in m}^2\text{)}$$

GEAR FOR MAGLASS PINCE 80 SYNCHRONISED FOR DOUBLE DOOR (2.2 M OPENING MAX.)

W* < 60 KG	60 KG < W* < 100 KG	100 KG < W* < 140 KG	140 KG < W* < 160 KG
GE5001	GE5002	GE5003	GE5004

Gear for two 8/10/12 mm doors including:			
- 4 mountings with precision bearings			
- 4 anodised aluminium clamps (incl. sets of shims for 8, 10 or 12 mm doors)			
- 2 end stops			
- 2 return pulleys			
- 1 cable 1.5 mm Ø 10 m long			
- Fasteners on clamps			
- 2 adjustable lower guides made of transparent polycarbonate			
- Tools and installation instructions			



* W = total weight of both glass doors

ACCESSORIES

M66	Softcloser for gentle closing of doors (over 100 mm) Softcloser automatically follows door to its closed position.
2529	Reinforced angle plate for wall-fixing of the track, supplied with screws, nut and washer. Height = 23 mm - Length = 30 mm - Thickness 30/10.



See accessories p. 54

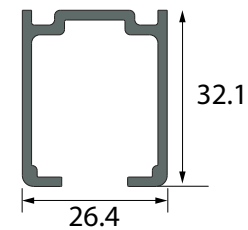
8 - 10 - 12 mm

Straight sliding system for 8, 10 or 12 mm glass doors, up to 80 Kg

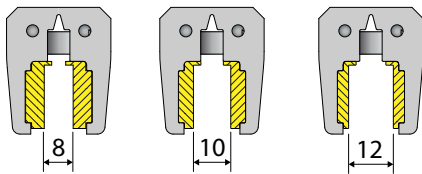
- Clamp is suitable for Securit glass and does not require any drilling of the glass panel.
- Convenience ensured thanks to the SAFSTOP system (hydraulic end stop), allowing you to stop the door in an open or closed position.



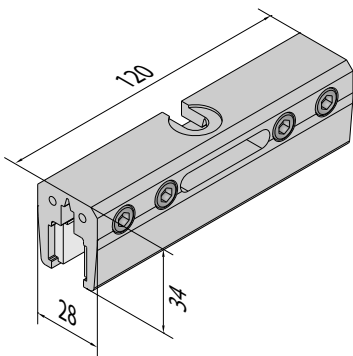
MAGGLASS PINCE 80



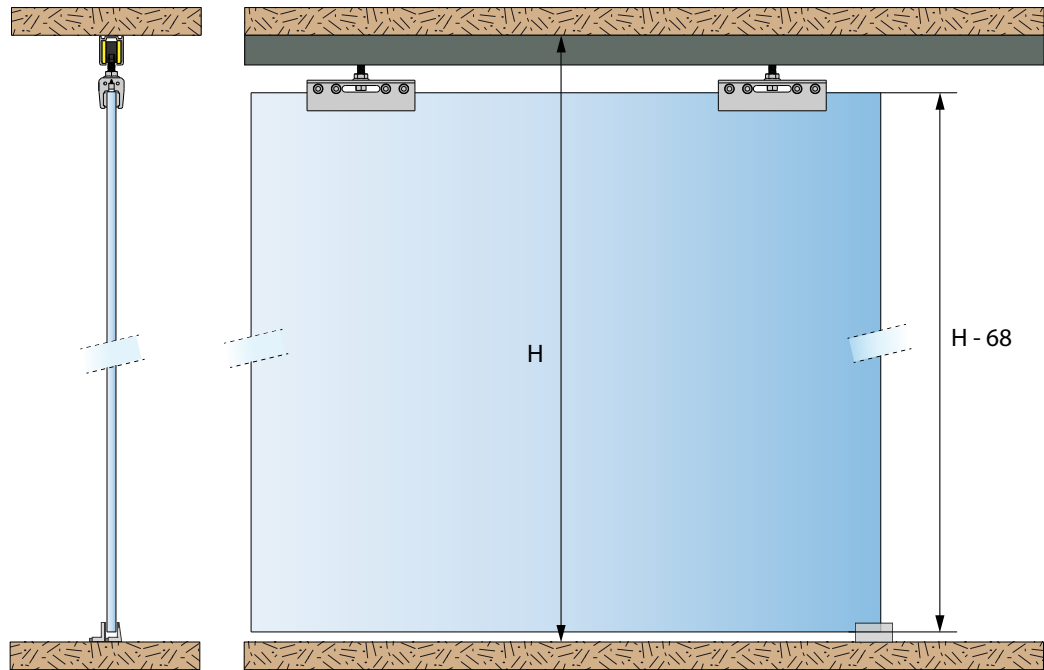
Track 11145/...
(4 - 6 m)



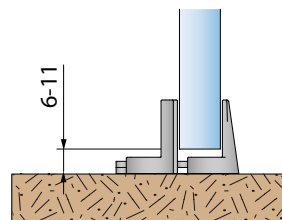
Clamps supplied with 3 sets of shims for 8, 10 or 12 mm doors



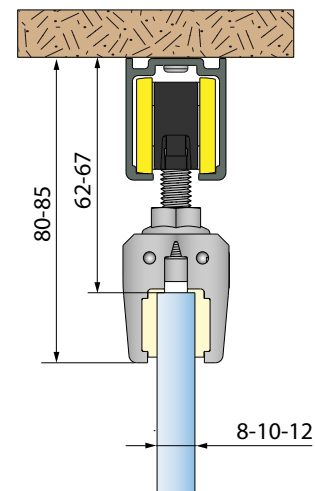
MAGGLASS PINCE 80



H = opening



Mounting with guide 1124



Fixing on the ceiling

CLEVER:

Rollers equipped with a ball joint that improves the robustness of the system and adjusts to any mounting location defects

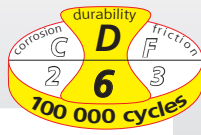


ball joint



Straight sliding system for glass door / **Fixing on the wall** **INTEC®**

See details of the standard EN 1527 page 4



CAPACITY/DOOR	80 KG
DOOR THICKNESS	8 - 10 MM
TRACK	ALUMINIUM
MOVEMENT	STRAIGHT

READY-TO-INSTALL SET - 1 LEAF - THICKNESS 8 AND 10 MM

Set includes:

- 1 anodised aluminium track with wall mounting holes - cut to length
- 1 anodised aluminium track pelmet - cut to length
- 1 roller kit with clamps and softcloser
- 2 end stops
- 2 anodised aluminium end caps
- 2 fastening clips for pelmet
- 1 lower guide
- Installation instructions and tools

Item Nr.	Description
GB0100	For opening of 0.73 m to 0.83 m
GB0101	For opening of 0.83 m to 0.93 m
GB0102	For opening of 0.93 m to 1.13 m
GB0103	For opening of 1.13 m to 1.33 m

READY-TO-INSTALL SET - 2 LEAVES - THICKNESS 8 AND 10 MM

Set includes:

- 1 anodised aluminium track with wall mounting holes - cut to length
- 1 anodised aluminium track pelmet - cut to length
- 2 roller kits with clamps and softclosers
- 4 end stops
- 2 anodised aluminium end caps
- 3 fastening clips for pelmet
- 2 lower guides and 1 translucent adhesive seal for door edge
- Installation instructions and tools

Item Nr.	Description
GB0111	For opening of 1.53 m to 1.73 m
GB0113	For opening of 1.73 m to 1.93 m
GB0115	For opening of 1.93 m to 2.13 m
GB0117	For opening of 2.13 m to 2.33 m
GB0119	For opening of 2.33 m to 2.53 m

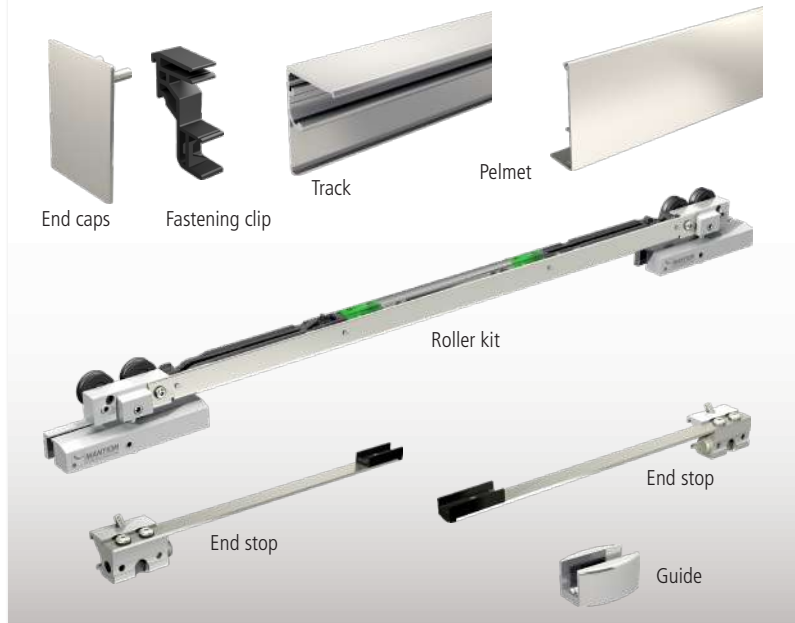
READY-TO-INSTALL SET - 2 SYNCHRONISED LEAVES THICKNESS 8 AND 10 MM

Set includes:

- 1 anodised aluminium track with wall mounting holes - cut to length
- 1 anodised aluminium track pelmet - cut to length
- 2 roller kits with clamps and softclosers
- 1 cable-operated synchronisation kit
- 4 end stops
- 2 anodised aluminium end caps
- 3 fastening clips for pelmet
- 2 lower guides and 1 translucent adhesive seal for door edge
- Installation instructions and tools

Item Nr.	Description
GB0110	For opening of 1.33 m to 1.53 m
GB0112	For opening of 1.53 m to 1.73 m
GB0114	For opening of 1.73 m to 1.93 m
GB0116	For opening of 1.93 m to 2.13 m
GB0118	For opening of 2.13 m to 2.33 m
GB0120	For opening of 2.33 m to 2.53 m

SET CONTENTS



SYNCHRONISATION KIT



See accessories p. 54

8 - 10 mm

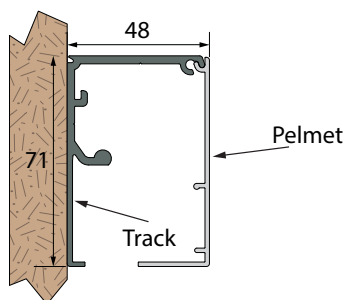
Fixing on the wall

Straight sliding system for single or double panels of 8 or 10 mm thickness. The clamps are integrated in the track for invisible fittings.

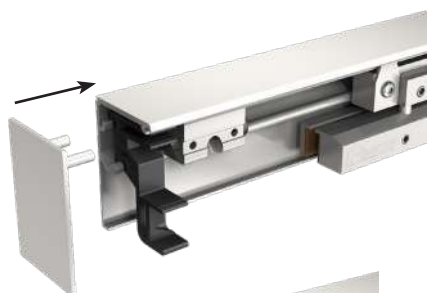
- Practice: 1 set for both panels thickness
- The smallest door/wall clearance on the market: from 7 to 18 mm (adjustable)
- Quick and easy installation: one-piece roller/softcloser kit
- Integrated door closing softcloser (closing and opening)
- Wall-mounted installation



INTEC®

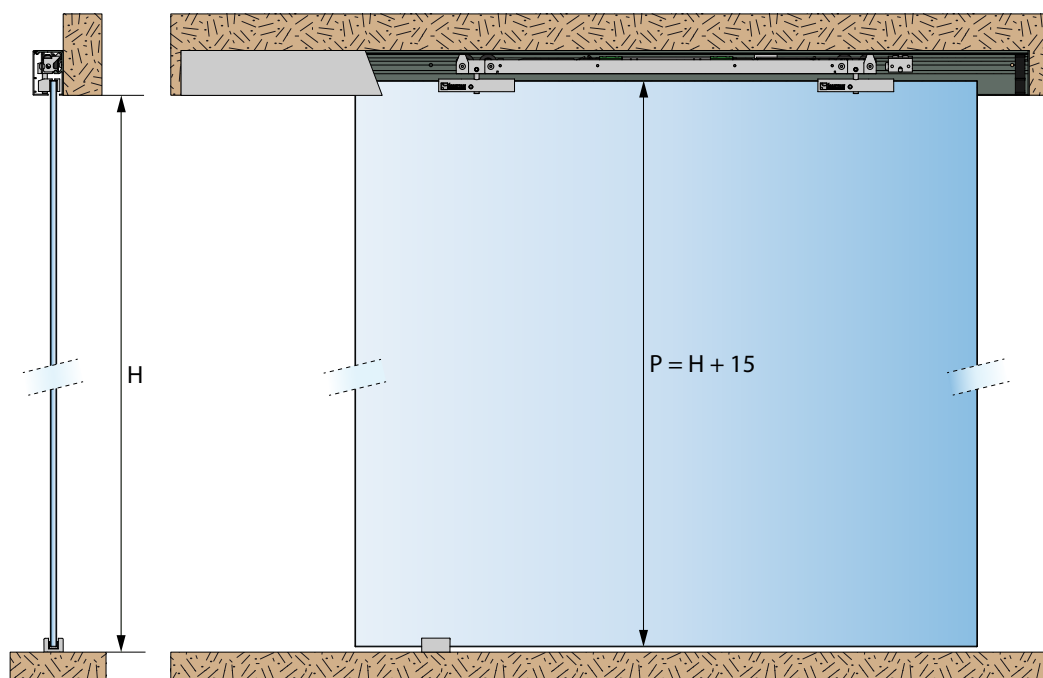


Wall-mounted Track + pelmet

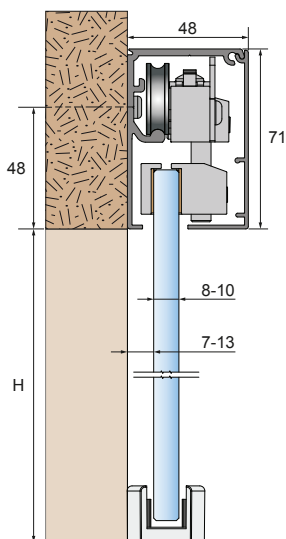


Easy mounting of the pelmet

INTEC®



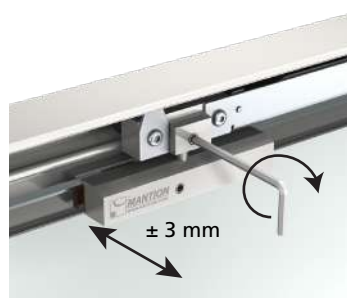
H = opening P = door



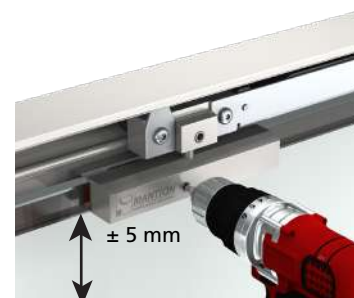
Fixing on the wall

Adjustment of the clamp:

Quick, easy, and precise worm drive adjustment system



Lateral adjustment



Height adjustment

SlidSoft
match up your projects

CALCULATION SOFTWARE

It is easy to determine the solution!

Simply enter the dimensions of your opening and your options.

You will also have access to the full details of the products and plans.

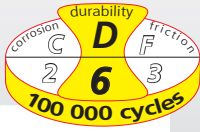
www.mantion.com



Straight sliding system for glass door / fixing on the ceiling

INTEC®

See details of the standard EN 1527 page 4



CAPACITY/DOOR	80 KG
DOOR THICKNESS	8 - 10 MM
TRACK	ALUMINIUM
MOVEMENT	STRAIGHT

READY-TO-INSTALL SET - 1 LEAF - THICKNESS 8 AND 10 MM

- Set includes:
- 1 anodised aluminium track with ceiling mounting holes - cut to length
 - 1 anodised aluminium track pelmet - cut to length
 - 1 roller kit with clamps and softcloser
 - 2 end stops
 - 2 anodised aluminium end caps
 - 2 fastening clips for pelmet
 - 1 lower guide
 - Installation instructions and tools

Item Nr.	Description
GB0200	For opening of 0.73 m to 0.83 m
GB0201	For opening of 0.83 m to 0.93 m
GB0202	For opening of 0.93 m to 1.13 m
GB0203	For opening of 1.13 m to 1.33 m

READY-TO-INSTALL SET - 2 LEAVES - THICKNESS 8 AND 10 MM

- Set includes:
- 1 anodised aluminium track with ceiling mounting holes - cut to length
 - 1 anodised aluminium track pelmet - cut to length
 - 2 roller kits with clamps and softclosers
 - 4 end stops
 - 2 anodised aluminium end caps
 - 3 fastening clips for pelmet
 - 2 lower guides and 1 translucent adhesive seal for door edge
 - Installation instructions and tools

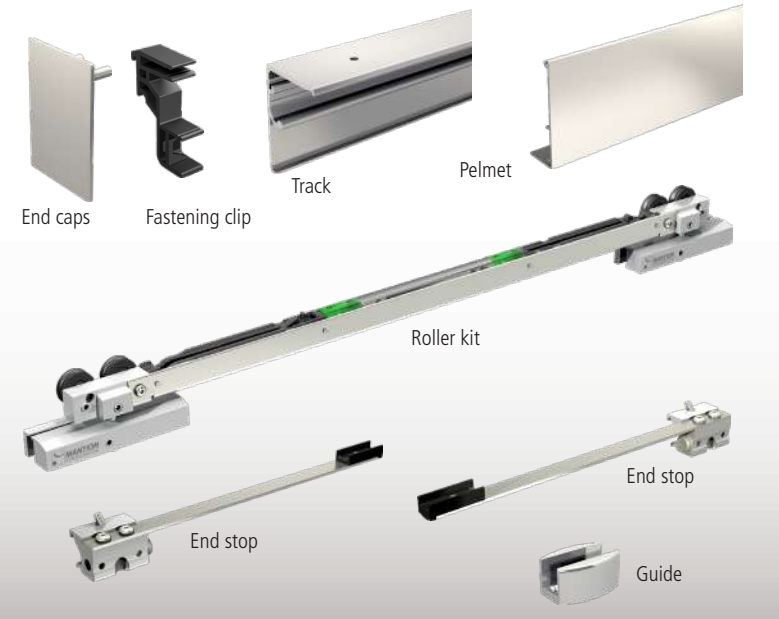
Item Nr.	Description
GB0211	For opening of 1.53 m to 1.73 m
GB0213	For opening of 1.73 m to 1.93 m
GB0215	For opening of 1.93 m to 2.13 m
GB0217	For opening of 2.13 m to 2.33 m
GB0219	For opening of 2.33 m to 2.53 m

READY-TO-INSTALL SET - 2 SYNCHRONISED LEAVES THICKNESS 8 AND 10 MM

- Set includes:
- 1 anodised aluminium track with ceiling mounting holes - cut to length
 - 1 anodised aluminium track pelmet - cut to length
 - 2 roller kits with clamps and softclosers
 - 1 cable-operated synchronisation kit
 - 4 end stops
 - 2 anodised aluminium end caps
 - 3 fastening clips for pelmet
 - 2 lower guides and 1 translucent adhesive seal for door edge
 - Installation instructions and tools

Item Nr.	Description
GB0210	For opening of 1.33 m to 1.53 m
GB0212	For opening of 1.53 m to 1.73 m
GB0214	For opening of 1.73 m to 1.93 m
GB0216	For opening of 1.93 m to 2.13 m
GB0218	For opening of 2.13 m to 2.33 m
GB0220	For opening of 2.33 m to 2.53 m

SET CONTENTS



SYNCHRONISATION KIT



See accessories p. 54

8 - 10 mm

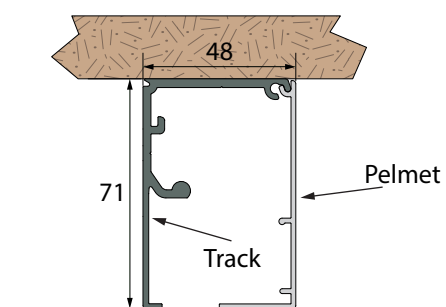
Fixing on the ceiling

Straight sliding system for single or double panels of 8 or 10 mm thickness. The clamps are integrated in the track for invisible fittings.

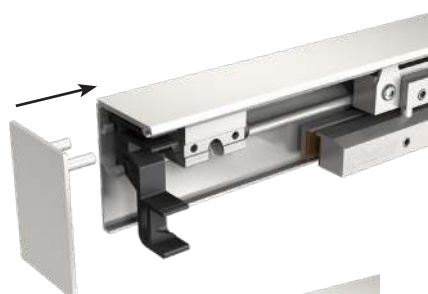
- Practice: 1 set for both panels thickness
- The smallest door/wall clearance on the market: from 7 to 18 mm (adjustable)
- Quick and easy installation: one-piece roller/softcloser kit
- Integrated door closing softcloser (closing and opening)
- Ceiling-mounted installation



INTEC®

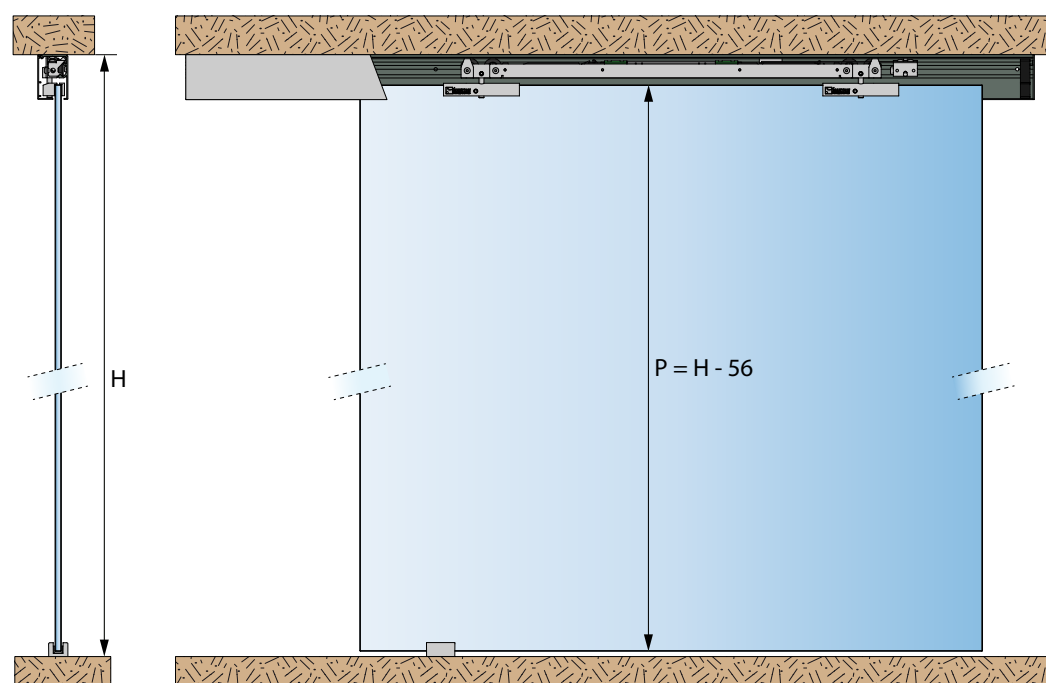


Ceiling-mounted Track + pelmet

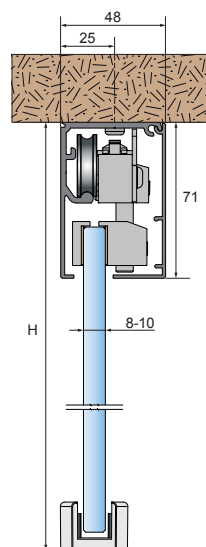


Easy mounting of the pelmet

INTEC®



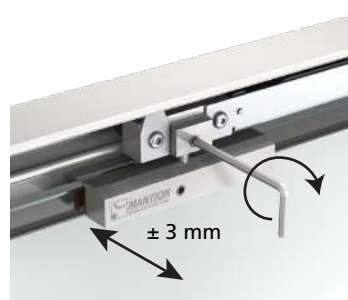
H = opening P = door



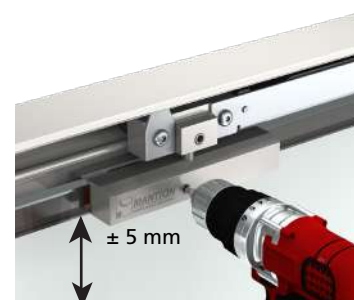
Fixing on the ceiling

Adjustment of the clamp:

Quick, easy, and precise worm drive adjustment system



Lateral adjustment



Height adjustment

SlidSoft
match up your projects

CALCULATION SOFTWARE

It is easy to determine the solution!
Simply enter the dimensions of your opening and your options.

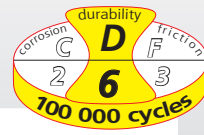
You will also have access to the full details of the products and plans.

www.mantion.com



Straight sliding system
for glass door / **Ceiling-mounted
installation with fixed glass partition**
INTEC®

See details of the standard EN 1527 page 4



CAPACITY/DOOR	80 KG
DOOR THICKNESS	8 - 10 MM
TRACK	ALUMINIUM
MOVEMENT	STRAIGHT

SlidSoft : Online Calculation software

To compose your project, our calculation software is indispensable, go to:
www.mantion.com



SlidSoft
match up your projects

Your personalised **sliding solution**
online and adapted to your needs!



8 - 10 mm

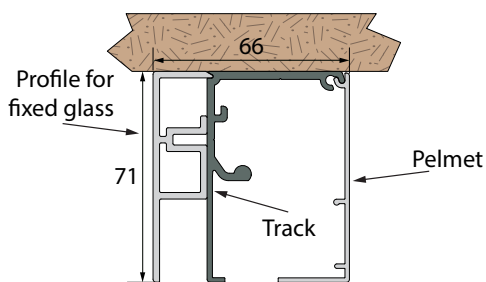
Ceiling-mounted installation with fixed glass partition

Straight sliding system for single or double panels of 8 or 10 mm thickness. The clamps are integrated in the track for invisible fittings.

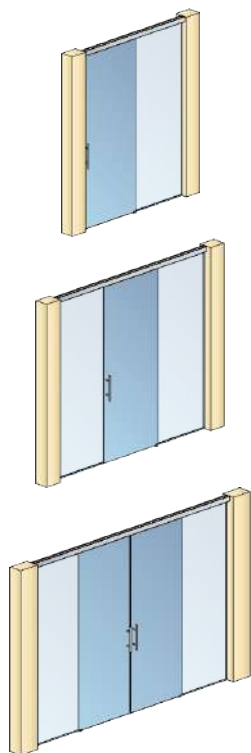
- Practice: 1 set for both panels thickness
- The smallest door/wall clearance on the market: from 7 to 18 mm (adjustable)
- Quick and easy installation: one-piece roller/softcloser kit
- Integrated door closing softcloser (closing and opening)
- Ceiling-mounted installation with fixed glass partition



INTEC®



Ceiling-mounted track with profile for the fixed glass



Compose your project according to your wishes!

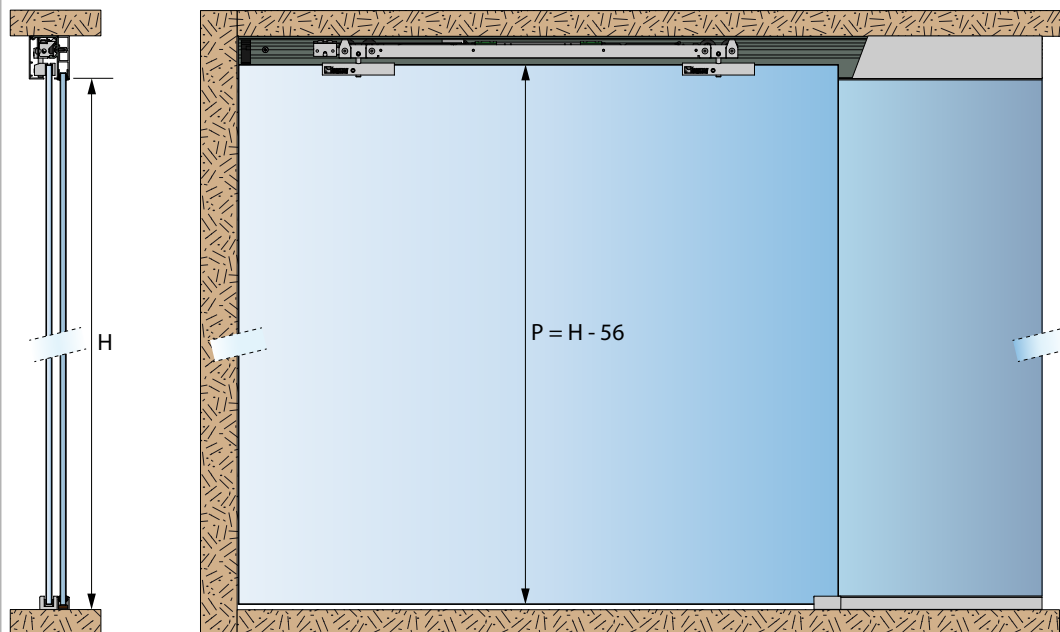
SlidSoft
match up your projects

LE CALCUL EN LIGNE

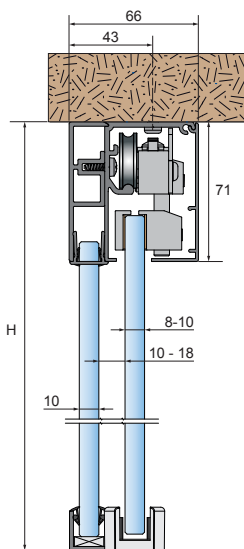
Pour deviser votre projet, rien de plus facile ! Il vous suffit de renseigner les dimensions de votre baie et vos options. Vous aurez aussi accès au détail complet des produits et plans.

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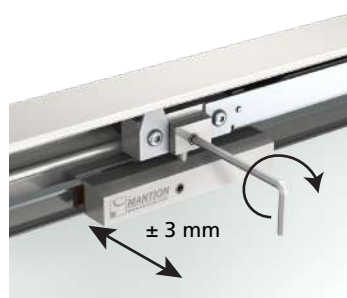


H = opening P = door

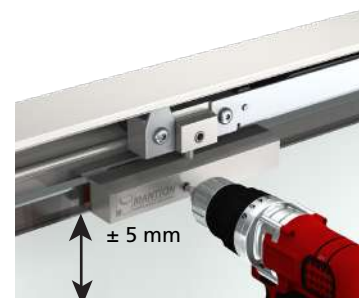


Fixing on the ceiling with fixed glass

Adjustment of the clamp:
Quick, easy, and precise worm drive adjustment system



Lateral adjustment



Height adjustment



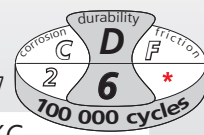
Straight motorized sliding system for glass doors

WIDOOR GLASS

5 years warranty

See details of the standard EN 1527 p.4

* Motorized systems not relevant to the standard EN1527



CAPACITY/DOOR	80 KG or 2 X 50 KG
PANEL THICKNESS	8 or 10 MM
TRACK	ALUMINIUM
MOVEMENT	STRAIGHT MOTORIZED

Essential elements required for 1 motorized sliding system: **A + B + C + E + F + G** / For 2 doors: **A + B + D + E + F + G**

TRACKS & BRACKETS

Item Nr.	Description	
A 11108/...	Alu-anodized track, 33 x 27 mm, drilled every 0.44 m. Length: 2, 3, 4, 5 and 6 m.	6
B 11013	Sliding angle plate for wall fixing of the track (every 0.44 m.)	10



SLIDING KITS FOR GLASS DOORS

	8 mm	10 mm	= the thickness of the glass door
C GA5081	GA5082	Kit for 1 single door (80 Kg max) - opening of 1.1 m. max including: - 2 rollers SAF + anodised aluminium clamps - 1 drive set - 2 end stops + 1 brushed stainless steel lower guide - 1 spirit level (Buly)	
D GA5084	GA5085	Kit for 1 double door (50 Kg max each) - opening of 2 m. max including: - 4 rollers SAF + 4 anodised aluminium clamps - 1 drive set - 4 end stops + 2 brushed stainless steel lower guides - 1 spirit level (Buly)	

SLIDING KIT



WIDOOR MOTORS- POWER SUPPLY 230 V- WIRED OR WIRELESS

E K0000256	Motor WIDOOR wired Kit (supply without control accessories). Power supply 24V and control box are incorporated to the motor. - Require control accessories: wired switch or radar - Mechanical elements (track and sliding kit) to order separately
K0000266	Dito radio control 433.92 MHz



ACCESSORIES FOR CONTROLLING THE MOTOR

F C0001310	Microwave motion detector, adjustable detection area and address recognition.
C0004780	Radio transmitter, ideal for renovation: no cables to lay! 433.92 MHz remote control.
C0001290	Wired Switch 1 Pushbutton.
C0001300	Motion sensor radar. Wired contactless switch.



Motorized straight sliding system for glass doors for 8 or 10 mm thickness. Its smoothness and noiseless operating make this product ideal for interior applications.

- Max. weight: 1 door weighing 80 kg, or 2 doors weighing 50 kg each
- Settings can be accessed via a dedicated Bluetooth application
- The motor is mounted on a silent block to guarantee extremely silent operation
- The motor is operated using a switch (wireless or wired) or a radar sensor
- Easy to set up and run: self-learning function for limit switches
- Made in France, and comes with a 5-year warranty

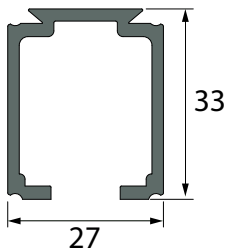


Convenient for persons with reduced mobility

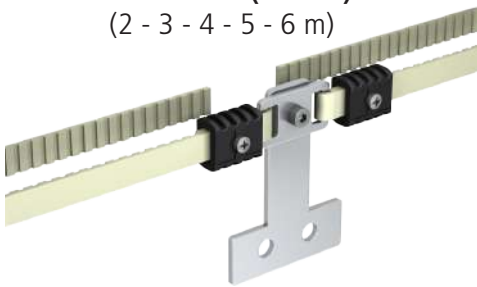


80 or 2x50 Kg

WIDOOR GLASS



Track SAF® (11108)
(2 - 3 - 4 - 5 - 6 m)



Easy synchronisation implementation thanks to two movables clamps. Furthermore the gap between the track and the door is really reduced.



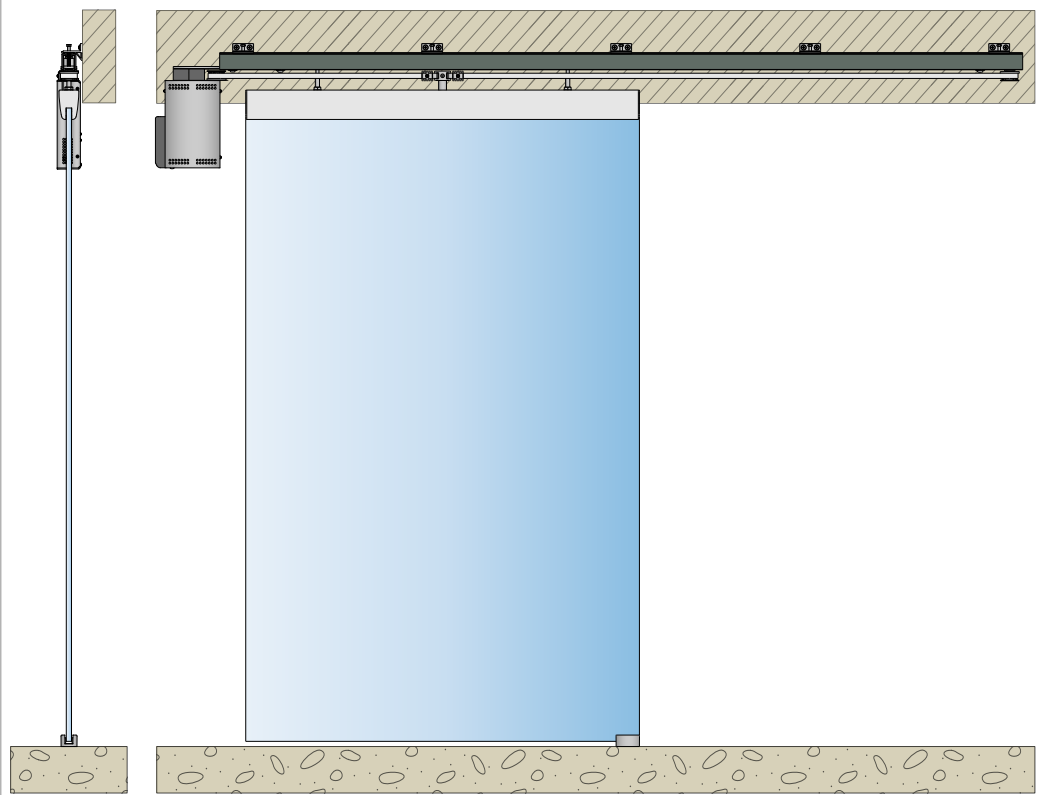
NEW



Use your smartphone to operate your motorised door thanks to our **Widoor** app!

- ✓ Open and close your motorised sliding door using your smartphone
- ✓ Regulate the opening and closing speeds of your sliding door as and when
- ✓ Set your motorisation parameters to suit your needs: delay time before closing, lock, LED flash light...

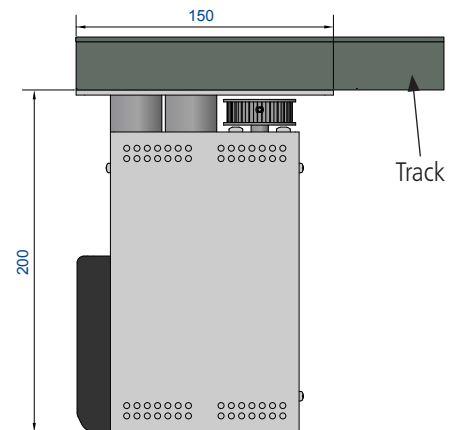
WIDOOR GLASS



WIDOOR

TECHNICAL CHARACTERISTICS OF THE MOTOR	
Maximum weight per door	Single door 80 Kg Double door 2 x 50 Kg
Technology	Belt transmission
Connectivity	Radio (433,92 MHz) / Bluetooth (BLE4.1)
Settings by smartphone	Yes
Power Supply	80 – 264 VAC
Frequency	47 – 63 Hz
Nominal Power	65 W
Current max	1,5 A at 115 VAC / 1 A at 230 VAC
Max opening speed	50 mm/s – 350 mm/s *
Max closing speed	50 mm/s – 200 mm/s *
Timer before closing the door	0 s – 60 s
Protection	Internal fuse 2,5 AT
Equipment safety	EN60335-1, EN60335-2
Operating temperature	+5 °C < T < +40 °C

Tests realised with a single door weighing 50 kg. Data for guidance only.

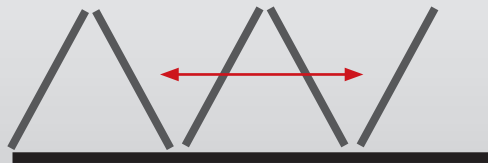


Connections and settings are located on the motorization cover. Need to foresee a trapdoor for settings and eventual maintenance.



Folding/sliding system for glazed openings, with or without a frame, or for wooden panels

OPENTEC®



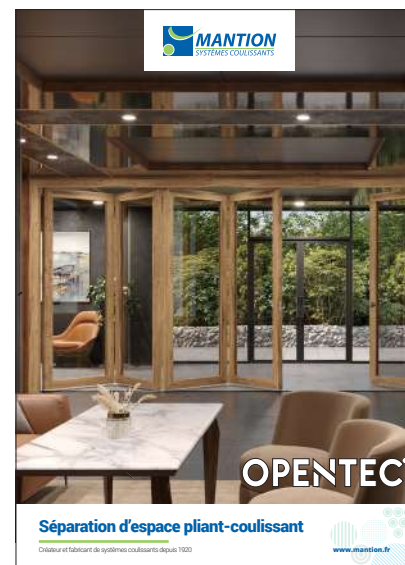
OPENTEC®

Right-folding/sliding system for glazed openings, with or without a frame. Suitable for interiors or exteriors: restaurants, bars, patios, villas, etc ...

- + **Choice of structural materials:** anodised aluminium and stainless steel
- + **Convenient to use:** panels slide easily



Download our leaflet!



WOOD FRAME

STEEL FRAME

FRAMELESS



SlidSoft match up your projects

It is easy to determine your project! Our calculation software is THE solution <https://www.mantion.com>

SLIDSOFT®

- Quick and easy choice of configuration type
- Calculates the dimensions of your shutters, doors and gates
- Complete list of required products
- Product details with visualization window
- Instructions and drawings available for download
- Allows you to enter your client code to obtain a price quotation
- Quotation is automatically transferred to the sales department should you decide to go ahead with the order



SLIDSOFT®: Online Calculation software

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Your personalised sliding solution online and adapted to your needs!



QUOTATION NO. DSGP130420160003
GLASS DOOR - SAFGLASS

Estable 1 Valid estimate until: 1

For company:
For the attention of:
Address:

Customer reference

Customer R	Site REF	Opening
-	-	-

Data entered

Type of fastening	Wall mounting
Opening height H (m)	2.2 m
Opening width O (m)	1.5 m
Number of identical openings	1
Door swing clearance - R (m)	1 m
Weight of one leaf (kg)	67.7 kg
Type of door	1 leaf
Travel type	Manual
Opening direction	Opening on right side
Door frame finish	Anodised aluminium
Track frame finish	Anodised aluminium

Results

Door width L (m)	1.56 m
Door height P (m)	2.17 m
Glass thickness	8 mm
Track length	3.13 m
Track frame length (m)	3.13 m
Door frame length (m)	1.56 m
Leaf height	0 m

Mantion SAS does not guarantee the performance or results obtained with the software. Mantion SAS is not required to accept or order based on the results obtained with the software. Accepting such an order does not guarantee these results.

Mantion SAS - 7 rue Gay Lussac - 25000 BESANCON - Tel +33 3 81 30 56 77 - Fax +33 3 81 63 29 76 - mantion@mansion.com

It is easy to determine the solution!
Simply enter the dimensions of your opening
and your options.
You will also have access to the full details of
the products and plans.



QUOTATION NO. DSGP130420160003
GLASS DOOR - SAFGLASS

Estable 1 Valid estimate until: 1

Item numbers	Description	Quantity	Price € excl.	TOTLIN
1188400	Alu track for single track 4 m long MANTION®	1.00	348.00	348.00
1301400	Alu pin for single track 4 m long MANTION®	1.00	42.75	42.75
1301402	Aluminum damp covering MANTION®	0.00	0.00	0.00
042021	GLASS FOR SAFGLASS TRACK 30 MANTION®	1.00	142.00	142.00
11013	Track bracket for double track MANTION®	0.00	0.00	0.00
11044	Set of end pieces for single track MANTION®	1.00	18.22	18.22
102001	CUPPED FINISH PUL. 30 MM - CHECKED METAL MANTION®	1.00	0.00	0.00

Total = 591.00 €

Comments:

Mantion SAS does not guarantee the performance or results obtained with the software. Mantion SAS is not required to accept or order based on the results obtained with the software. Accepting such an order does not guarantee these results.

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LOCKS

0942-1	Set of flush lock with brushed finish including: - 1 hook lock (case 68 x 100 mm) + 1 strike (height 90 mm) - 2 handles with round rosaces - indoor / outdoor locking - 1 cupped finger pull
0942-2	Ditto with 2 oval rosaces



STOPS

Item Nr.	Description	
4023	Buffer stop Ø 20 mm.	20
2692	Buffer stop Ø 40 mm.	20
1084	Screwing type stop with rubber buffer Ø 20 mm. For door up to 40 Kg.	10
1086	Screwing type stop with rubber buffer Ø 30 mm. For door up to 80 Kg.	10
2094	Screwing type stop with 2 rubber buffers Ø 40 mm. For door up to 300 Kg.	6
2095	Reinforced stop with 2 spring buffers - Screwing type. For door up to 600 Kg.	4



BOLTS

1314	Reinforced bolt with screwing type Length = 300 mm - Ø 14 mm - adjustable nut	10
1314E	Ditto with narrow plate (23 mm).	10
1316	Reinforced bolt with screwing type Length = 500 mm - Ø 16 mm - adjustable nut	10
1316E	Ditto with narrow plate (23 mm).	10
1314GE	Keeper of bolt, mortising type for 1314.	
1316GE	Keeper of bolt, mortising type for 1316.	
1314GP	Keeper of bolt for 1314.	
1316GP	Keeper of bolt for 1316.	
1317A	Latch with lever, RAL 9006 grey colour Height = 170 mm - Locking distance = 20 mm.	10
1326A	Latch with lever, RAL 9006 grey colour Height = 260 mm - Locking distance = 20 mm.	10
1351A	Latch with lever, RAL 9006 grey colour Height = 510 mm - Locking distance = 20 mm.	10
1316B	Bolt with padlock holder, case in cast iron, cane and keeper in steel. Weight = 660 gr. - Ø 16 mm.	10
1304	Lock with plastic box and steel rod - Locking distance = 40 mm	
1313	Nickel-plated brushed metal latch with stainless steel latch catch, fastened onto the upright of the opening. Locking distance = 18 mm	



STOPPERS

1310N	Stopper in stainless steel «brush finish», Locking distance = 35 mm, height = 140 mm - width = 40 mm.	
1311N	Stopper in stainless steel «brush finish», Locking distance = 35 mm - height = 160 mm - width = 30 mm.	
1312N	Stopper in ZAMAK, locking distance = 20mm. Height = 135 mm - width = 50 mm.	
1301TN	Catch stop, cataphoresis treated, screwing type. Standard version	10
1302	Catch stop, raw steel. Reinforced version	4



BRUSH SEALS & JOINTS

Item Nr.	Description	
63A5/1200	Adhesive brush seal with short bristles 5 mm. Length: 12 m.	
63A15/1200	Ditto with 15 mm bristles	
63A20/1200	Ditto with 20 mm bristles	
63A25/1200	Ditto with 25 mm bristles	
1150/105	Dustproof brush, support PVC with bristles 15 mm. Drilled every 220 mm, supplied in individual blister. Length: 1.05 m.	10
1151/250	Dustproof brush, support PVC with bristles 22 mm. Length: 2.5 m.	10
1151A/300	Dustproof brush, support aluminium with bristles 35 mm. Length: 3 m.	
1151AL/300	Dustproof brush, support aluminium with bristles 40 mm. Length: 3 m.	
63C10/250	Brush seal to be inserted in groove of 7 x 3 mm. Length: 2.5 m.	
63C10/10	Ditto. Length: 10 m.	
63B10/250	Brush seal to be inserted in groove of 6 x 4 mm. Length: 2.5 m.	
63B10/10	Ditto. Length: 10 m.	
66JB/300	Transparent adhesive seal - Length: 2.5 m.	
66JB/350	Ditto. Length: 3.5 m.	
66JN/250	Black adhesive seal - Length: 2.5 m.	
66JC5/250	Ø 5 mm silicone tubular seal with a pine base. For 5 x 3 mm groove. Length = 2.50 m.	
66JC5/10	Ditto. Length: 10 m.	



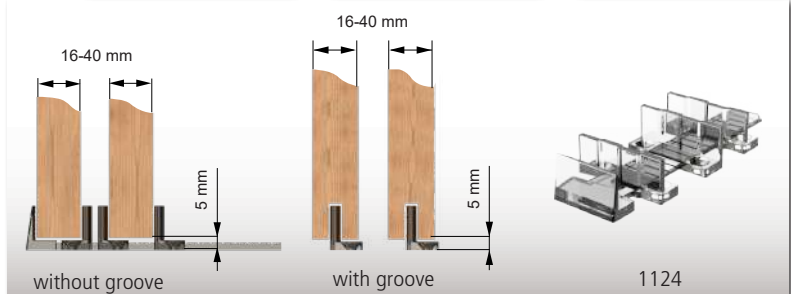
BOTTOM GUIDES

GUIDING PROFILES

1106/110	Black PVC U-profile, 12x17, to be flush-mounted under the door. Improves door sliding performance. Suitable for 1103 & 1103R guides. Length = 1.10 m	
1109/...	Galvanized U-PROFILE, 25x17 mm. Length: 2 (1109/200) / 3 (1109/300) / 4 m (1109/400)	4
1109A/...	Aluminium U-PROFILE, 25x17 mm. Length: 2 (1109A/200) / 2.5 (1109A/250) / 3 m (1109A/300)	4
1110/...	Galvanized U-PROFILE, 30x30 mm. Length: 3 (1110/300) / 4 m (1110/400)	4
1110XA2/.	STAINLESS STEEL U-profile, 30 x 30 mm, XA2. Length = 3 (1110XA2/3) / 6 m (1110XA2/6)	
1110XA4/.	STAINLESS STEEL U-profile, 30 x 30 mm, XA4. Length = 3 (1110XA4/3) / 6 m (1110XA4/6)	

GUIDES

1103	Guide in polyamide to be screwed for doors up to 40 kg Groove 6 x 18 mm.	10
1103R	Guide in polyamide to be screwed for doors up to 80 kg Groove 6 x 18 mm.	10
1124	Universal guide in transparent Polycarbonate who can equip 2 doors (can be cut). 2 solutions of installation: - without groove (1 guide of each side of the door) - with groove 5 x 15 mm.	
1102	Bottom guide with olive fixed on a round-ended plate Screwing type - For U-profile 25 x 17 mm	20
1109DU	Guide with dowel with a nylon olive for U-profile 25 x 17 mm.	20
1103RG	White plastic adjustable runner (14 to 30 mm) with screw and S6 dowel	10
1110GDL	Nylon guide, screwing type - 100 x 25 x 25 mm. For U-profile 30 x 30 mm.	8
1099	Bottom guide with olive fixed on a round-ended plate Screwing type - For U-profile 30 x 30 mm.	10
1101	Bottom guide with olive, on a reinforced plate Screwing type - For U-profile 30 x 30 mm.	10
RD-1	Bottom guide, for doors for 16 to 45 mm thickness.	



HANDLES

Item Nr.	Description	
RD-3B	Steel handle with «black» finish. Height: 286 mm - Width: 32 mm	
RD-5B	Steel handle with «black» finish. Height: 356 mm - Width: 32 mm	
RD-10B	Flat, steel pull handle with a "black" finish. Height = 356 mm. Width = 32 mm	
RD-11B	Steel dish handle with a "black" finish. Height = 203 mm. Width = 54 mm	
1293	«Oval» cupped finger pull in ABS, mortising type. Height: 80 mm - Width: 27 mm.	10
1296	«Square» cupped finger pull in ABS, mortising type. Height: 100 mm - Width: 60 mm.	10
1290	Dished flush pull, in galvanized stamped sheet 12/10° Height: 200 mm - Width: 90 mm.	10
1290X	Ditto in stainless steel	10
1297	Handle on a 265 mm plate in galvanized steel	10
1298	Dished handle with end fastener, in galvanized steel Height: 245 mm	10
1280	Set of 2 round handles Ø 56 mm and 1 cupped finger pull Ø 29 mm in stainless steel.	
1281	Stainless steel finger pull (door edge) - Ø 29 mm.	
1280A	Set of oval handles. In stainless steel - 120 x 41 mm.	
1293-1	Round recessed handles in ABS Ø 50 mm in black colour	
1293-2	Ditto in white colour	
1293-4	Ditto in brown colour	
1293-5	Ditto in beige colour	
1293-6	Ditto in silver colour	
1293-7	Ditto in gold colour	
1293-8	Round recessed handles in chrome-plated metal Ø 35 mm (ideal for door edge)	
1293-9	Ditto in gold-plated metal	
1293-10	Rectangular recessed handles in chrome-plated metal 32 x 75 mm	
1293-11	Ditto in gold-plated metal	



HINGES

WALL FIXING

1504P	Galvanized steel 12/10° - 70 x 40 mm - steel axle Ø 4 mm.	25
1504PI	Special hinge with ball bearings. Set of 3. Aluminium 30/10° - 60 x 45 mm - steel axle Ø 4 mm.	
1506P	Galvanized steel 20/10° - 40 x (47 + 30) mm - steel axle Ø 6 mm.	
1508P	Galvanized steel 20/10° - 50 x 65 mm - PVC axle Ø 8 mm.	25
11508X	Polished stainless steel 20/10° - 65 x 62 mm. Stainless steel axle Ø 8 mm.	10
1510DXA2	Brushed stainless steel 30/10° - 100 x 67 mm. Stainless steel axle Ø 10 mm.	2
1510DPXA2	Ditto with handle	
1508PS	Galvanized steel 20/10° - 50 x 65 mm - PVC axle Ø 8 mm.	25
1508PSE	Galvanized steel 20/10° - 50 x 196 mm - PVC axle Ø 8 mm.	10
1510P	Galvanized steel 18/10° - 50 x 65 mm - PVC axle Ø 10 mm.	10
1510PS	Galvanized steel 25/10° - 50 x 196 mm - steel axle Ø 10 mm.	10
1512P	Galvanized steel 20/10° - 85 x 85 mm - steel axle Ø 12 mm.	10
1514P	Galvanized steel 30/10° - 120 x 100 mm - steel axle Ø 14 mm.	6
1516P	Galvanized steel 40/10° - 120 x 100 mm - steel axle Ø 16 mm.	4

TOP FIXING

1504C3	Galvanized steel 12/10° - 80 x 45 mm - steel axle Ø 4 mm.	25
1510CXA2	Brushed stainless steel 30/10° - 100 x 67 mm. Stainless steel axle Ø 10 mm.	
1510C	Galvanized steel 18/10° - 80 x 60 mm - PVC axle Ø 10 mm.	10
1512C	Galvanized steel 25/10° - 85 x 85 mm - PVC axle Ø 12 mm.	10
1512CR	Galvanized steel 25/10° - 85 x 60 mm - PVC axle Ø 12 mm.	10
1514C	Galvanized steel 30/10° - 120 x 100 mm - steel axle Ø 14 mm.	6
1516C	Galvanized steel 40/10° - 120 x 100 mm - steel axle Ø 16 mm.	4

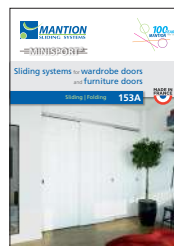


Our range for **WARDROBE**

153A

Systems for:

- wardrobe doors
- furniture doors

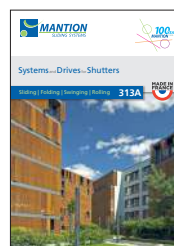


Our range for **SHUTTERS**

313A

Systems and motorizations for:

- sliding shutters
- folding shutters
- swinging shutters



Our range **OPENTEC®**

Systems and motorizations for:

- sliding doors
- sliding/folding doors
- automatics doors



Our range for **GATES**

411A

Systems and motorizations for:

- canteliver gates
- bottom sliding gates
- gates mounted on pivots

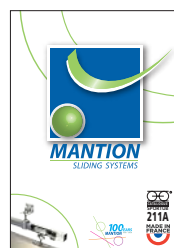


Our range for **SPORTUB®**

211A

Sliding systems for:

- straight sliding doors up to 2000 Kg
- lateral displacement doors
- folding doors with equal panels
- folding doors with half panels
- up and over doors



Our range for **HERCULE®**

911A

Sliding systems for:

- straight sliding doors up to 3000 Kg
- lateral displacement doors
- folding doors with equal panels
- folding doors with half panels



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0023	Plate	10
0026	Plate	10
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0056	Plate STARAL	30
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9242NC2	Roller STARAL	30
9252N	Roller STARAL	32
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MANTION® SAS

7 rue Gay Lussac | FRANCE - 25000 Besançon
Tél. + 33 3 81 50 56 77 | Fax. + 33 3 81 53 29 76
E-mail: export@mansion.com



Allemagne / Autriche

Germany / Austria

Mantion Baubeschläge GMBH

Dieselstraße 18
D-42579 HEILIGENHAUS
Tél. + 49 2056 58 26 90
Fax. + 49 2056 58 26 99
Email : info@mansion.de
www.mansion.de

Moyen Orient

Middle East

Dubaï Branch Office

Jafza South, unit no. S101 23 O 032,
Jebel Ali Free Zone, Dubai, UAE
Dubai & Bahrain : Tél. +971 56 174 58 44
Reste du Moyen Orient : +971 56 739 66 11
Email : export@mansion.com
www.mansion.com

Asie du Sud-Est

South-East Asia

Mantion South-East Asia

Sovereign Plaza Lantai 8 Unit D E
Jl. TB Simatupang No.Kav. 36, Kec. Cilandak,
Jakarta Selatan, 12430
INDONESIA
Email : export@mansion.com
www.mansion.com

Europe de l'Est

East Europe

Mantion Polska

ul Boruty 2a
PL-03 769 WARSZAWA
Tél. + 48 22 818 77 22
Fax. + 48 22 818 99 78
Email : biuro@valcomp.com.pl
www.valcomp.com.pl

Inde

India

Mantion India Private Ltd

G-19, T.V. Estate, 248/A, S.K. Ahire Marg, Worli
Mumbai - 400030. INDIA
Mobile. +91 (0) 9819 30 38 78
Email : support.india@mansion.com
www.mansion.com

Amérique du Nord

North America

Mantion Canada

12-360 boul. Séminaire N
Saint-Jean-sur-Richelieu
Québec J3B 5L1
Tél. + 1 (450) 529 1315
E-mail : contact@mansion-na.com
www.mansion.ca

Mantion USA

10-34 44th Drive. 2nd Floor.
Long Island City
11101 NEW YORK
Tél. + 1 (475) 289-0254
E-mail : contact@mansion-us.com
www.mansion.us