

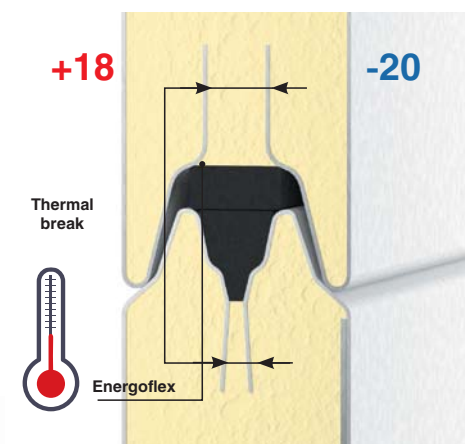
INTERNATIONAL
CONCERN

DOORHAN®



RESIDENTIAL SECTIONAL DOORS

Thermal Efficiency



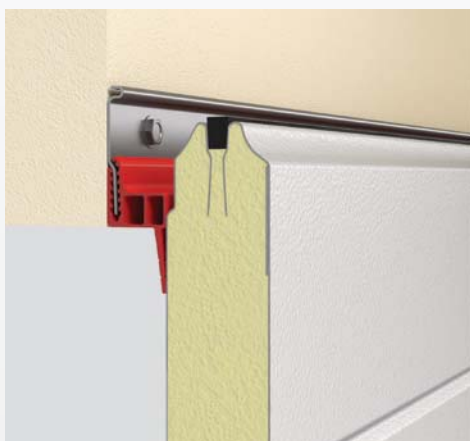
Thermal break
Front and back steel sheets are not connected to each other, which limits the transfer of temperature.



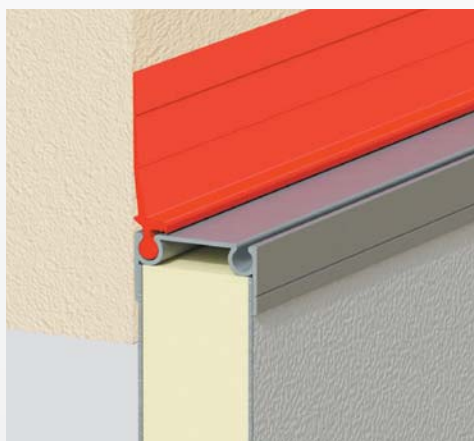
Bottom seal that prevents water and air infiltration and flexes to fit the contour of the floor (the embedded profile for doors up to 4 750 mm wide).



Dual chamber seal.



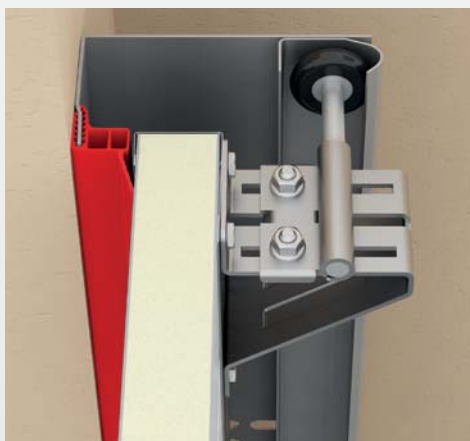
RSD01. Top seal
Dual chamber top seal fitted on a steel profile fixed to the headroom to prevent air passage.



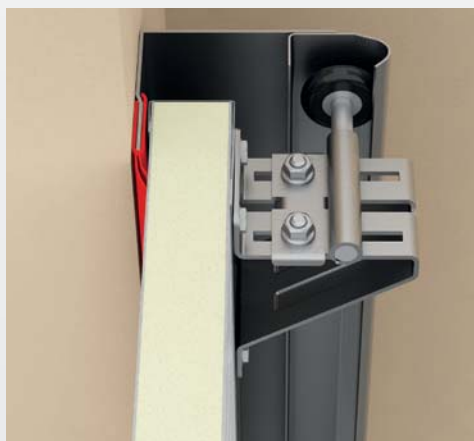
RSD02. Top seal
Top seal inserted into the top aluminium profile.



RSD02. Top seal
Top seal inserted into the top aluminium profile.



RSD01




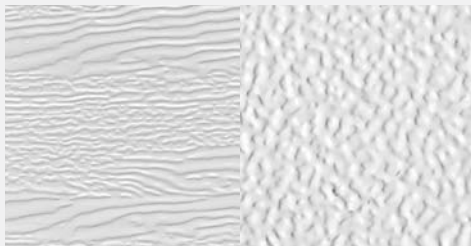
RSD02


Side seal
The side seals fixed to the vertical angles overlap tightly the door panel from both sides. Together with the top and bottom seals they form a perfect perimeter sealing which seals out the elements and repels the most hostile weather conditions.

Design




 Wide colour range



 Surface options




 Exclusive accessories

Durability




 Corrosion-resistant hardware




 Time tested sturdy design




 Painted springs

Convenience




 Space-saving

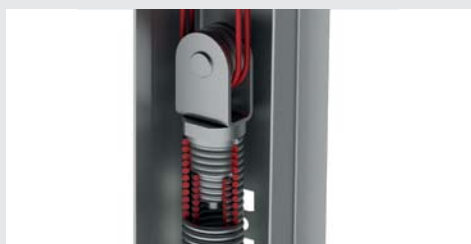



 Pass-door (optional for RSD02)



 Automatic operation

Safety




 Double extension spring system (RSD01)



 Spring break safety device standard for RSD02 doors

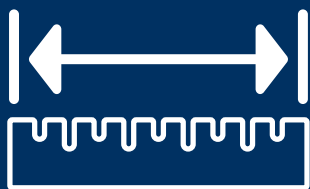


 Cable break safety device (optional) for RSD02 doors with standard lift

DoorHAN[®]

RESIDENTIAL SECTIONAL DOORS

RSD01



WIDTH:
2 000–3 500 MM



HEIGHT:
1 800–3 000 MM



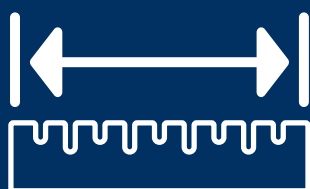
- Production: tailored to customer's opening size.
- Advantages: updated low headroom lift type design; reduced requirements to headroom and side room clearances: 100 mm of headroom clearance for manually operated door and 135 mm clearance for automatically operated door; reliability and ease of installation.
- Balancing mechanism: a special double spring system positioned vertically along the mounting angles on both sides of the door opening. Zinc-coated springs are designed for 25 000 operation cycles.



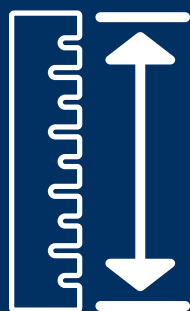
DoorHAN[®]

RESIDENTIAL SECTIONAL DOORS

RSD02



WIDTH:
2 000—6 000 MM



HEIGHT:
1 800—3 000 MM



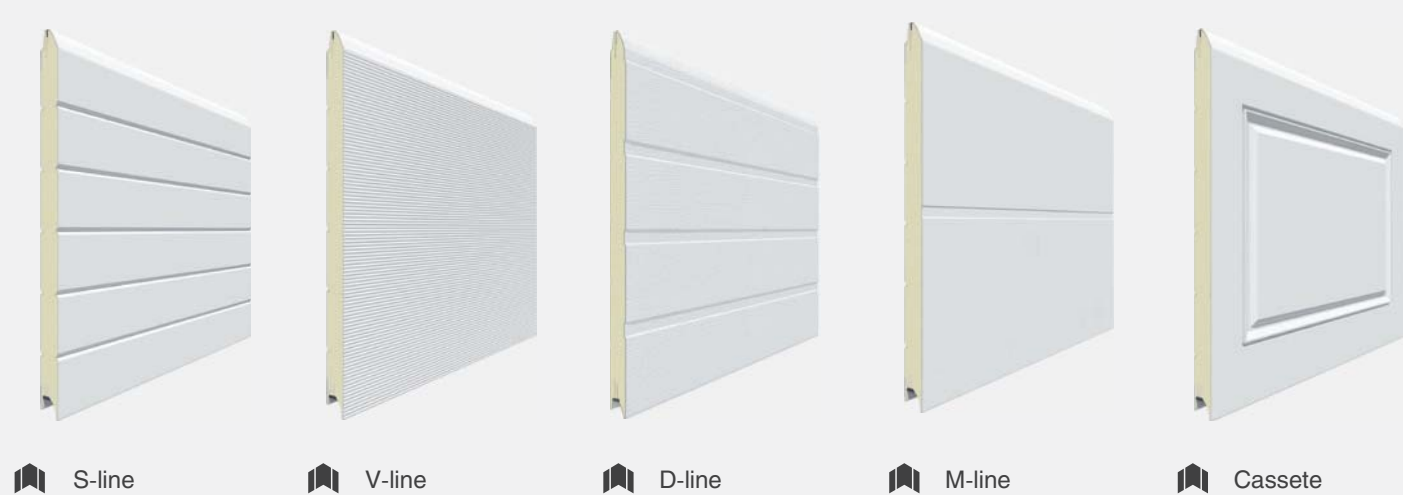
- Production: tailored to customer's opening size.
- Advantages: depending on the headroom clearance several lift types are available.
- Balancing mechanism: painted springs designed for 25 000 operation cycles.



Standard Panels



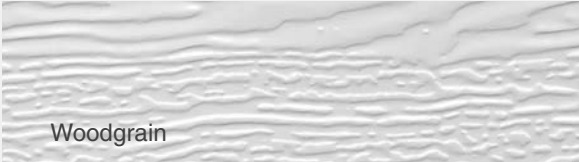
Panels with Finger Protection



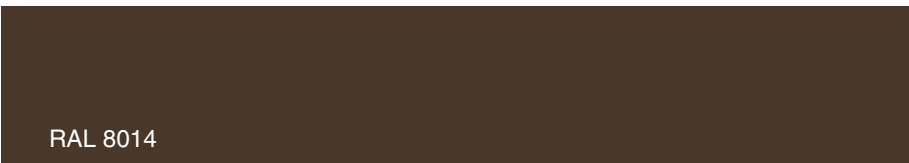
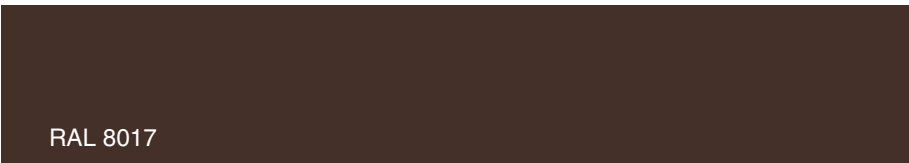
Inside Surface Texture and Colour



Outside Surface Texture and Colour



Wood Grain Colours



You door can be painted any colour within the Colorbond or RAL range. Actual colours may vary from brochure due to fluctuations in the printing process. Always request a colour sample from your dealer for accurate colour matching.

Locks

Lock blocks the door when closed from inside. Not recommended for electrically operated doors.



 Standard for RSD01 and RSD02 doors




 Optional for RSD01 and RSD02 doors

Handles

All DoorHan sectional doors are equipped with attractive handles for manual opening when required. They are a superior decorating complement for your door.



 Standard for doors RSD01 and RSD02




 Optional for doors RSD01 and RSD02


Windows

Let the light in to your garage with our decorative windows. All DoorHan doors can be equipped with double glazed windows as an option. The double glazing material is made of scratch resistant polycarbonate. Window options are provided below.




 Dimensions: 452 × 302 mm.
Frame colour: black, brown




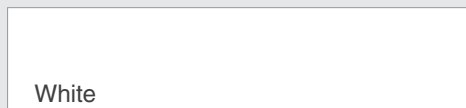
 Dimensions: 452 × 302 mm.
Frame colour: black, brown



 Dimensions: 627 × 327 mm.
Frame colour: black



 Dimensions: 607 × 202 mm.
Frame colour: black

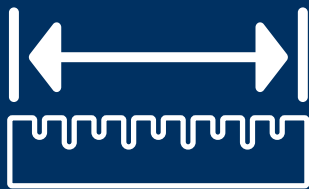




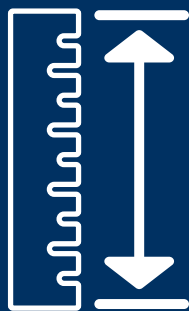
DoorHAN®

RESIDENTIAL
SECTIONAL DOORS

RSD02-SLP



WIDTH:
2000–3500 MM



HEIGHT:
1800–3000 MM



➤ Production: tailored to customer's opening size.

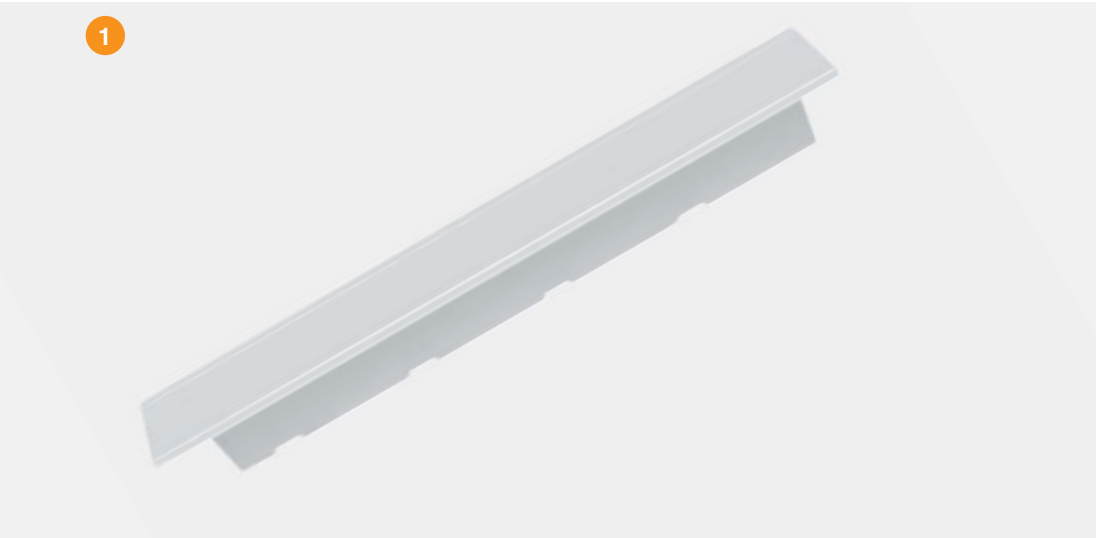
➤ Advantages: best price on the sectional door market; reduced door weight thanks to single-layer panels; easy installation guaranteed by light and simple door design; sturdy door sheet ensured by steel door frame.

➤ Balancing mechanism: painted springs designed for 25 000 operation cycles.

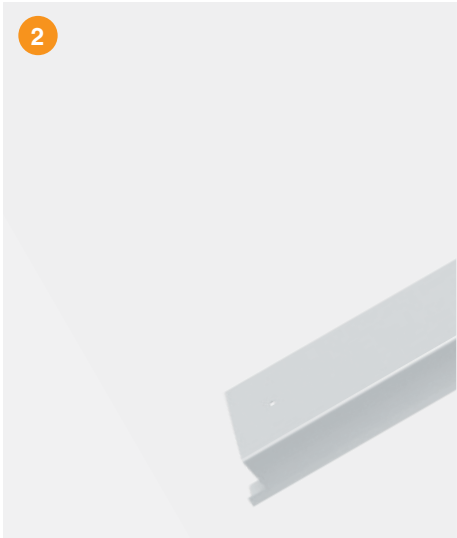




 View from the inside



 Structural reinforcements. Ensure door panel rigidity



 Side cap



 Window, width — 505 mm, height — 90 mm




 Single-layer steel panel



RAL 9003 (outside colour)

RAL 7004 (inside colour)

Stucco (panel surface)

 Colour and surface options

SECTIONAL-800PRO / SECTIONAL-1000PRO



SPECIFICATIONS	SECTIONAL-800PRO	SECTIONAL-1000PRO
Supply voltage, V	220–240	
Power frequency, Hz	50/60	
Maximum power consumption, W	150	200
Force, N	800	1 000
Door speed, m/sec	0.1	
Maximum door weight, kg	150	180
Maximum opening height, mm	2 800	3 400
Duty rating, %	50	
Temperature range, °C	-20...+55	
Degree of protection	IP20	


SECTIONAL-1200




SPECIFICATIONS	SECTIONAL-1200
Supply voltage, V	220–240
Power frequency, Hz	50/60
Maximum power consumption, W	300
Force, N	1 200
Door speed, m/sec	0.1
Maximum door weight, kg	220
Maximum opening height, mm	3 800
Duty rating, %	50
Temperature range, °C	-20...+55
Degree of protection	IP20





 Transmitter-2PRO




 Transmitter 4 EX



 Transmitter 4PRO-Black




 Command-433




 Lock



 Photocell-N



 Lamp-PRO



 Photocells-W



Superior perimeter sealing. It ensures thermal efficiency and noise reduction. Dual-chamber side seal for air tightness between the vertical mounting angle and the door.



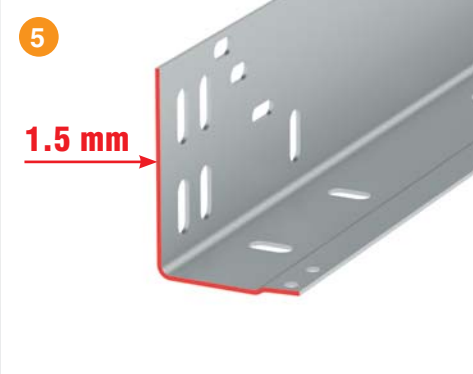
Superior perimeter sealing. It ensures thermal efficiency and noise reduction. Dual-chamber horizontal seal between the top of the door and the wall.



Superior perimeter sealing. It ensures thermal efficiency and noise reduction. Bottom seal preventing rain water, draft, rodents (the embedded profile for doors of up to 4,750 mm width).



Corrosion-resistant hardware.



Zinc-coated 1,5 mm thick vertical mounting angles and tracks ensure sturdy, long-lasting construction.

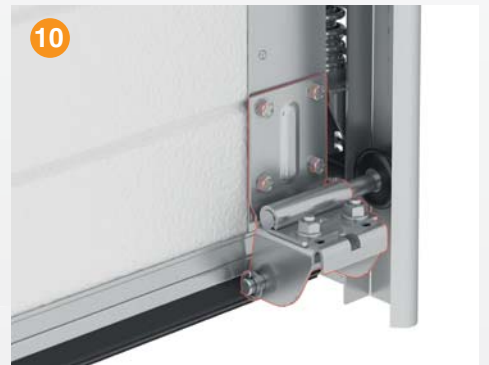


Vertical mounting angle with prepunched holes for fast and easy installation.

➤ The RSD01 door design was improved with a painted spring mechanism designed for 25 000 operation cycles. A wide range of panel types, surface texture and colours are available.



📖 Steel fastening plate for the dual track curve ensures a firm structural bond.



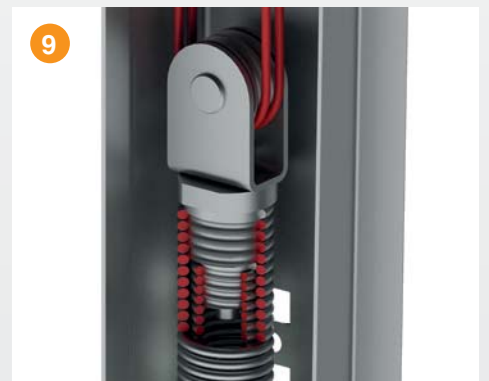
📖 Adjustable bottom corner bracket and roller carrier ensures a tight fitting of the panel against the side seal.



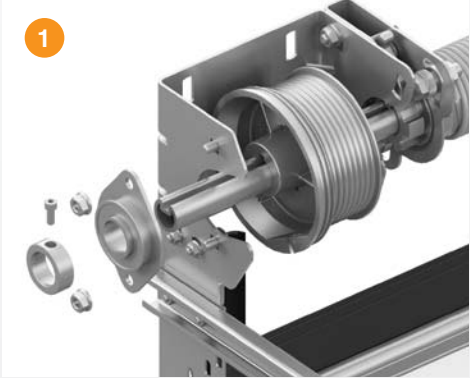
📖 The top roller carrier has a wide range of adjustment.



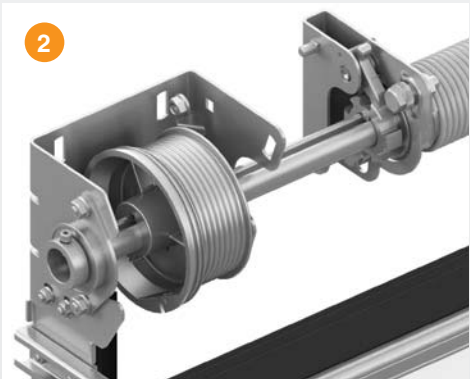
📖 Double pulley bracket positions the springs precisely inside the vertical angle for smooth and noiseless operation.



📖 The double extension spring balancing mechanism provides maximum safety. If one spring fails, the second spring will hold the door preventing it from falling.



U-shaped bracket with preset bolts reduces installation time and simplifies (quick fix system) the process of door mounting.



Spring-break safety device with preset bolts simplifies installation (quick fix system).

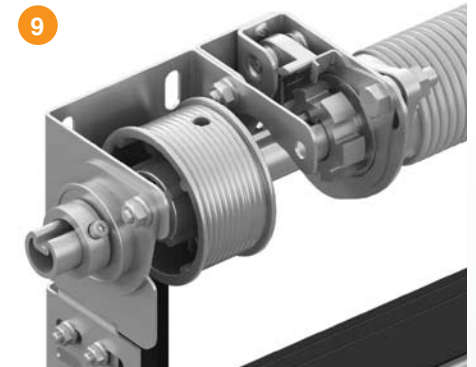


Corrosion-resistant robust hardware.

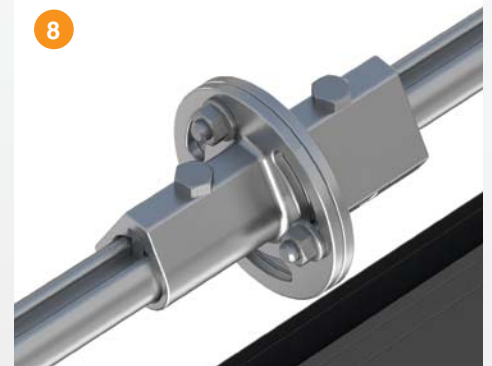


Stylish, optimally shaped handle for easy manual opening of the door in case of power failure.

➤ It's a classic door with drums and balancing system designed for 25 000 cycles. The door is available with a wide choice of the most popular lift types allowing the door to be installed in garages with almost any inner space geometry.



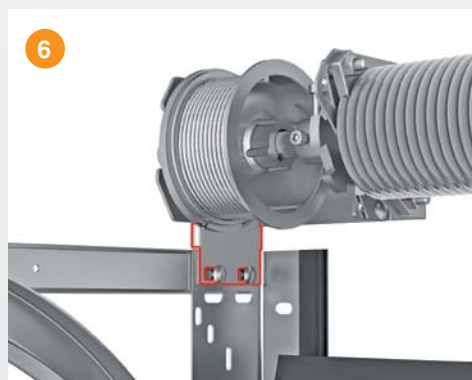
U-shaped bracket, for 160 mm head-room, positioned on top of the mounting angle reduces installation time.



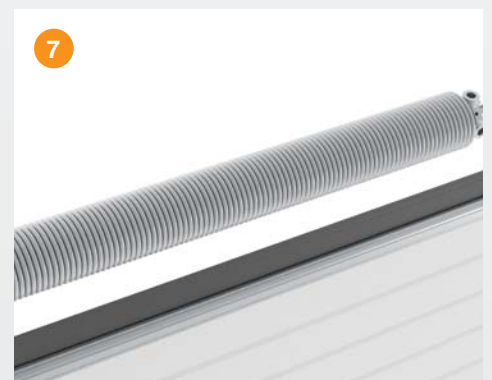
Steel coupling for adjustment of the shafts and length of the cable on both sides of the door.



Easy to install, operate and maintain.

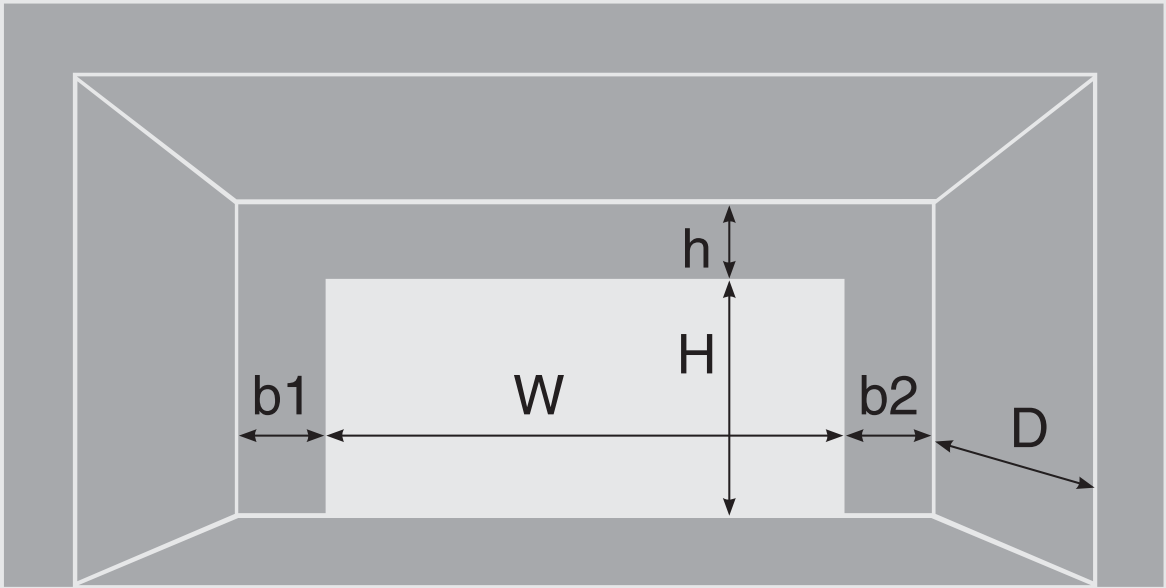


Distance plate reduces installation time. It creates a necessary distance between the vertical angle and the U-shaped bracket.



High-quality durable springs prolong door's operational life.

Opening Clearances



Description:
H — height (distance between floor and opening top);
W — width (distance between left and right edges of the opening);
h — headroom (distance from opening top to ceiling);
b1 and b2 — sideroom (distances from opening edge to side interior walls);
D — backroom (distance from opening to interior garage wall).

Size Table for RSD01, RSD02 and RSD02 SLP Doors

		Width, mm																																
		2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000	3100	3200	3300	3400	3500	3600	3700	3800	3900	4000	4100	4200	4300	4400	4500	4600	4700	4800	4900	5000	6000	
Height, mm	3000																																	
	2900																																	
	2800																																	
	2700																																	
	2600																																	
	2500																																	
	2400																																	
	2300																																	
	2200																																	
	2130																																	
	2100																																	
	2000																																	
	1900																																	
	1800																																	
		<div><div>RSD01 — <div></div></div><div>RSD02 — <div></div></div><div>RSD02 SLP — <div></div></div></div>																																

Notes:
1. Maximum opening area is 16 m².
2. Maximum door sizes are approximate and depend on the type of door lift and some other parameters. Contact you manager to clarify whether it's possible to manufacture such a door or not.

Specifications for RSD01 and RSD02 doors

Description	Value	Description	Value
R-value, m²·°C/W*	1.13	Acoustic insulation, dB	<35
Thermal conductivity, W/m²·°C	0.88 (DIN4108)	Necessary lifting force, kg	up to 25.5
Wind load	2 class (EN12424:2000)	Door panel weight, kg/m²	11.2
Airtightness	4 class (EN12426:2000)	Panel thickness, mm	40
Watertightness	3 class (EN12425:2000)	Thickness of steel, mm	0.35

* For a 4000 × 4000 mm door.

Standard and Optional Components for RSD01 Doors

Standard components:

- extension spring mechanism designed for 25 000 cycles operation;
- pre-assembled track system;
- door leaf;
- handle;
- latch;
- data sheet.

Optional components:

- electric operator;
- key lock;
- windows.

Standard and Optional Components for RSD02 Doors

Standard components:

- torsion spring mechanism designed for 25 000 cycles;
- pre-assembled track system;
- door leaf;
- adjustable bottom corner bracket;
- handle;
- latch;
- spring break safety device;
- data sheet.

Optional components:

- electric operator;
- key lock;
- windows;
- pass door;
- cable break safety device (optional) for RSD02 doors (for standard lift).

Standard and Optional Components for RSD02 SLP Doors

Standard components:

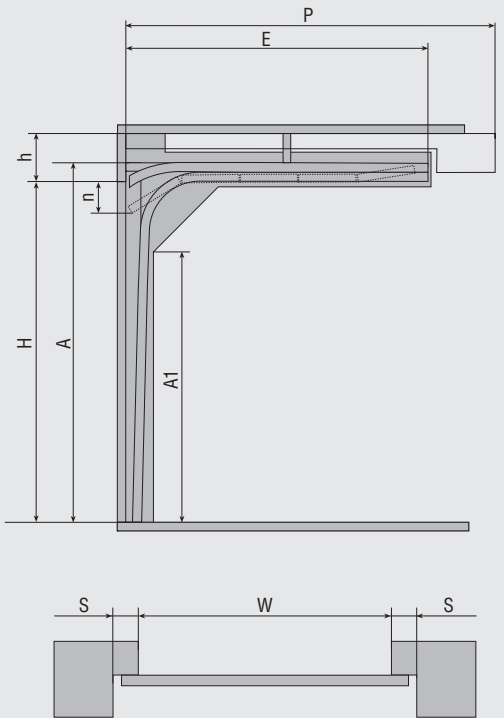
- 40 mm thick single-layer panel with reinforcement elements;
- set of tracks and vertical angles;
- torsion spring mechanism designed for 25 000 cycles;
- data sheet.

Optional components:

- spring break safety device;
- mechanical lock;
- cable break safety device (optional) for RSD02 SLP doors (for standard lift)
- electric operator
- windows

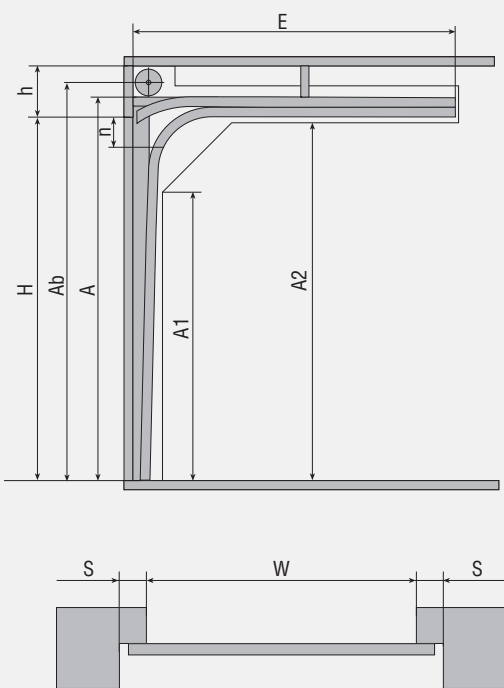
Low Lift for RSD01 Door

Parameter	Description	Space requirements
H, mm	Opening height	H
h, mm	Headroom height	$h \geq 100$ manual ($h \geq 135$ mm operator)
W, mm	Opening width	W
A, mm	Vertical angle height	$H + 54$
A1, mm	Vertical track height	$A - 552$
E, mm	Horizontal track length	$H + 440$
	Points of attachment of the horizontal track to the ceiling (depends of door size)	2
S, mm	Minimum sideroom	100
P, mm	Zone of ceiling operator position	$H + 1\,185$
n, mm	Door opening overlap (when the door is open)	230 (w/t operator); 40-60 (with ceiling operator)



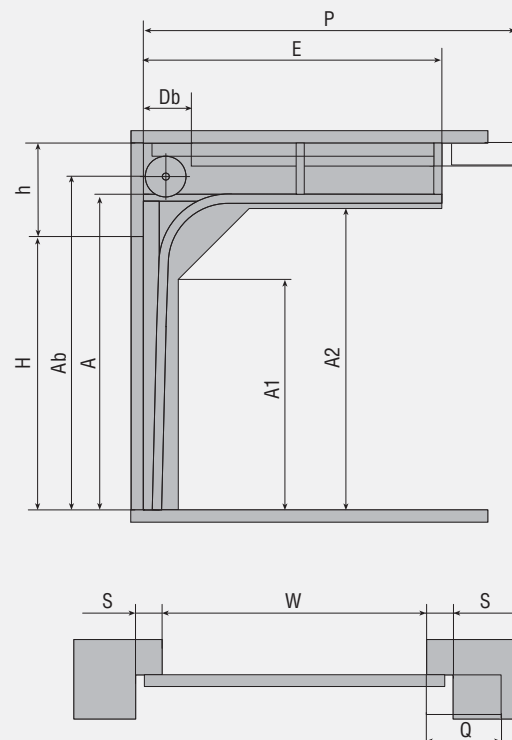
Low Lift Front Drum for RSD02 and RSD02 SLP Doors

Parameter	Description	Space requirements
H, mm	Opening height	H
h, mm	Headroom height	$h \geq 160$ manual (200 mm operator)
W, mm	Opening width	W
A, mm	Vertical angle height	$H + 54$
Ab, mm	Shaft axis height and drum height	$\geq A + 59$
A1, mm	Vertical angle track height	$A - 552$
A2, mm	Door working space of horizontal angle height	$A - 115$
E, mm	Horizontal track length	$H + 440$
	Points of attachment of the horizontal track to the ceiling (depends of door size)	2/4
Db, mm	Torsion mechanism operation space	depends of door size and weight
S, mm	Minimum sideroom	120
P, mm	Zone of ceiling operator position	$H + 1\,185$
n, mm	Door opening overlap (when the door is open)	0...190 (w/t operator, $W < 4\,500$); 0...235 (w/t operator, $W > 4\,500$) 0...10 (with ceiling operator, $W < 4\,500$) 0...70 (with ceiling operator, $W > 4\,500$)



Standard Lift for RSD02 and RSD02 SLP Doors

Parameter	Description	Space requirements
H, mm	Opening height	H
h, mm	Headroom height	R381 $h \geq 420$; R305 $h \geq 350$
W, mm	Opening width	W
A, mm	Vertical angle height	R381 $A - H + 235$; R305 $A - H + 165$
Ab, mm	Shaft axis height and drum height	$A + 97$
A1, mm	Vertical track height	R381 $A - 580$; R305 $A - 490$
A2, mm	Door working space at horizontal angle height	$A - 110$
E, mm	Door operating space horizontal track length	R381 $- H + 200$; R305 $- H + 250$
	Points of attachment of the horizontal track to the ceiling (depends of door size)	2/4
Db, mm	Torsion spring mechanism operating space	depends of door size and weight
S, mm	Minimum side room	120
Q, mm	Side room for shaft when electric operation	300



Comparison Table for RSD01, RSD02 and RSD02 SLP Doors

RSD01	RSD02	RSD02 SLP
Opening width, mm		
from 2000 to 3500	from 2000 to 6000	from 2000 to 3000
Opening height, mm		
from 1800 to 3000	from 1800 to 3000	from 1800 to 3000
Minimum headroom height manual/with operator, mm		
from 100/135	from 160/200	from 160/320
Minimum sideroom, mm		
100	120	120
Balancing system		
tension spring designed for 25000 cycles of operation	torsion spring designed for 25000 cycles of operation	torsion spring designed for 25000 cycles of operation
Windows		
+	+	+
Pass door		
-	+	-
Design		
panels of any design, type of surface and colour	panels of any design, type of surface and colour	S-line, stucco surface, RAL 9003 and RAL 7004 (inside)