

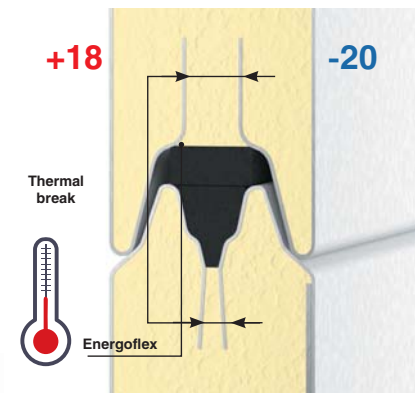


DoorHAN®

RESIDENTIAL SECTIONAL DOORS



High energy-saving characteristics



- Thermal break**
Front and back steel sheets are not connected to each other, as a result heat or cold transmission is minimized.



- Bottoms seal** protects from rodents, rain water and covers floor defects (the embedded profile for door width up to 4750 mm).



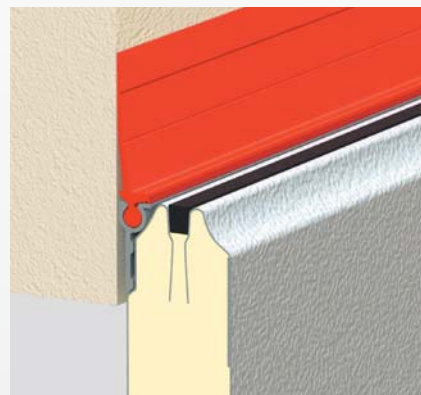
- Dual chamber seal.**



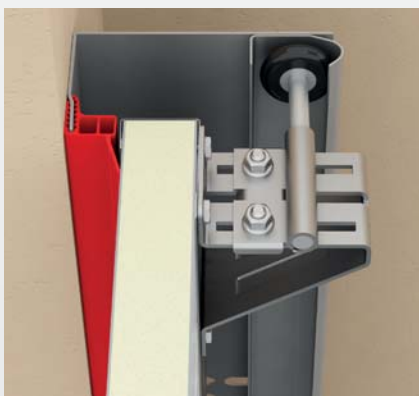
- RSD01 Top seal**
RSD01 Dual chamber top seal fitted on to a steel profile fixed to the headroom to prevent air passage.



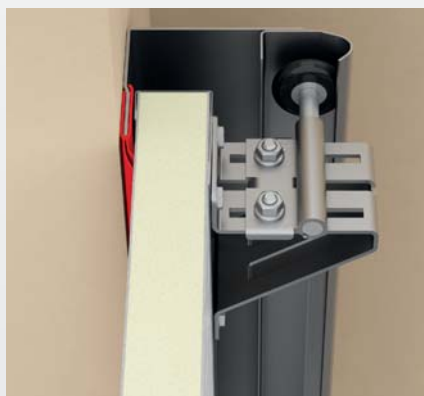
- RSD02 Top seal**
RSD02 Top seal mounted on an aluminium profile.



- RSD02 Top seal**
RSD02 Top seal mounted on an aluminium profile.



- RSD01**



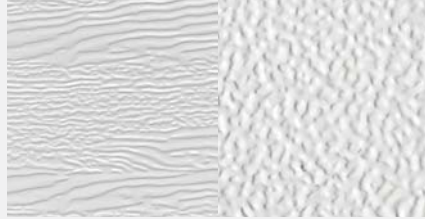
- RSD02**

- Side seal**
Effective side seals fitted on the vertical mounting angles of the door ensure a tight overlap of both sides of the door panel. In conjunction with the top and bottom seals they form a perfect perimeter sealing protecting against drafts, wind and rain water. The perimeter sealing has effective noise reduction properties.

Design



Wide colour range



Choice of surface



Exclusive accessories

Durability



Corrosion — resistant hardware



Time tested sturdy design



Painted springs

Convenience



Space-saving

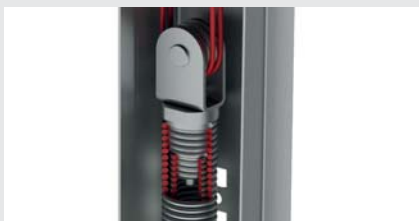


Pass-door (optional for RSD02)



Automatic operation

Safety



Double extension spring system (RSD01)



Spring break safety device standard for RSD02 doors

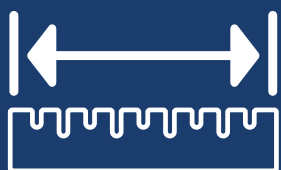


Cable break safety device (optional) for RSD02 doors

DoorHAN®

RESIDENTIAL SECTIONAL DOORS SERIES

RSD01



WIDTH:
2000–3500 MM



HEIGHT:
1800–3000 MM



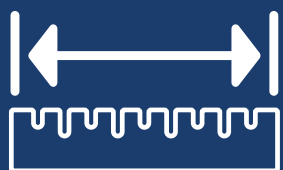
- Production: tailored to customer's opening size.
- Advantages: innovation in the low headroom lift type design. Reduced headroom and side room requirements. Headroom requirements 100 mm manual operation and 135 mm electric operation door. Easy to install DoorHan RSD series provide superior reliability.
- Balancing mechanism: the balancing of the RSD01 doors is achieved with a special double spring system positioned vertically along the mounting angles on both sides of the door opening. The zinc coated springs are designed for 25 000 cycles operation.



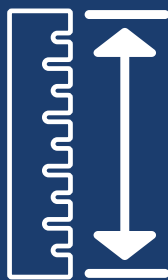
DoorHAN[®]

RESIDENTIAL SECTIONAL DOORS SERIES

RSD02



WIDTH:
2 000–6 000 MM



HEIGHT:
1 800–3 000 MM



➤ Production: tailored to customer's opening size.


➤ Advantages: according to available headroom space several lift types are available.

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




Standard panels



 S-line



 V-line




 D-line



 Cassete

Panels with finger protection



 S-line



 V-line




 D-line




 Cassete

Inside surface texture and colour

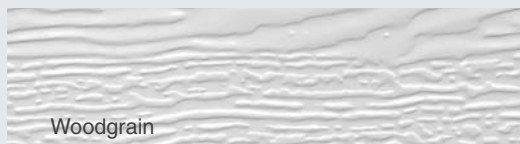


 Standard panels
S-line

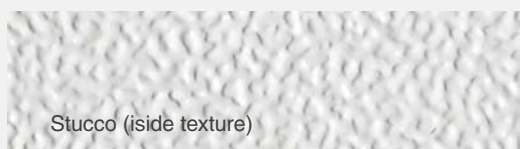
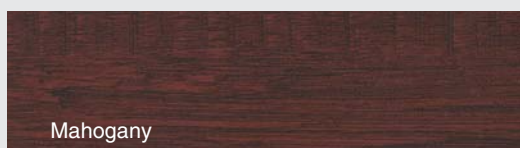


 Panels with finger
protection
S-line

Outside surface texture and colour



Wood imitation colours



RAL 9003

RAL 9006

RAL 7004

RAL 1014

RAL 6005

RAL 5005

RAL 7016

RAL 3000

RAL 3005

RAL 8017

RAL 8014



It's possible to have doors painted according to any national or international colour within the Colorbond or RAL range. The colours in this catalogue may be distorted because of printing. Please refer to the original colour chart when ordering your door.

Locking systems

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



Standard for doors RSD01 and RSD02



Optional for doors RSD01 and RSD02

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

DoorHan attractive windows let natural light enhance your garage. All DoorHan doors can be equipped with with double glazed windows as an option. The double glazing material is made of scratch resistant polycarbonate. See below available choice of windows.



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



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



Dimensions: 635 × 330 mm.
Frame colours: black



Dimensions: 607 × 202 mm.
Frame colours: black

White

Brown

Black



SECTIONAL-800PRO / SECTIONAL-1000PRO



TECHNICAL SPECIFICATIONS	SECTIONAL-800PRO	SECTIONAL-1000PRO
Supply voltage, V	220-240	
Power frequency, Hz	50/60	
Maximum power consumption, W	150	200
Force, N	500	1 000
Door speed, m/sec	0.1	
Maximum door area, m²	11	13
Maximum opening height, mm	2 800	3 400
Intensity, %	50	
Temperature range, °C	-20...+55	
Degree of protection	IP20	

SECTIONAL-1200



TECHNICAL 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 area, m²	16
Maximum opening height, mm	3 800
Intensity, %	50
Temperature range, °C	-20...+55
Degree of protection	IP20





Transmitter-2PRO



Transmitter 4 EX



Transmitter 4PRO-Black




Photocell-N




 Lock



 Lamp-led



 DHRE-2



 Photocells-W

1



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.

2



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

3



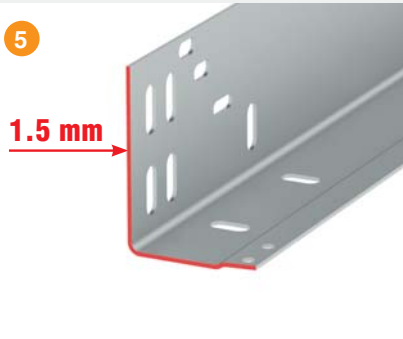
Superior perimeter sealing. It ensures thermal efficiency and noise reduction. Bottom seal preventing rain water, draft, rodents (the embedded profile for door width up to 4750 mm).

4



Corrosion resistant hardware.

5



Zinc-coated 1.5 mm thick vertical mounting angles and tracks ensure a sturdy, long lasting, construction.

6



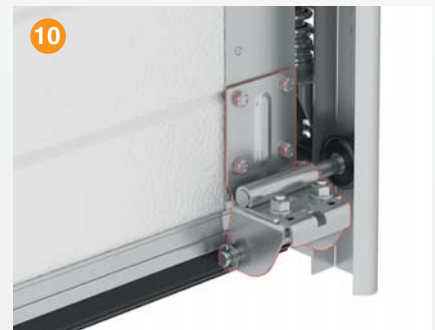
Vertical mounting angle with prepunched holes for fast easy installation.



- The updated version of the RSD01 series doors includes the painted springs mechanism designed for 25000 cycles operation. A choice of panel designs, surface texture and colours is available.



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



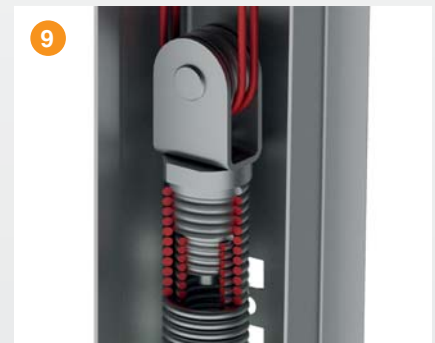
- 📖 Adjustable bottom corner bracket and roller carrier ensures a tight fitting of the panel against the side seal.



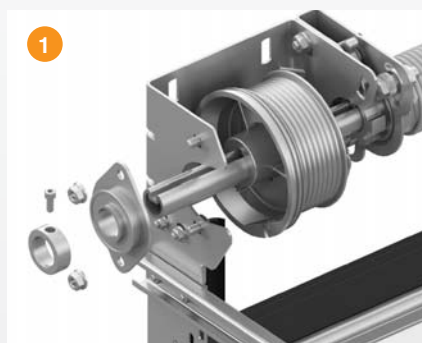
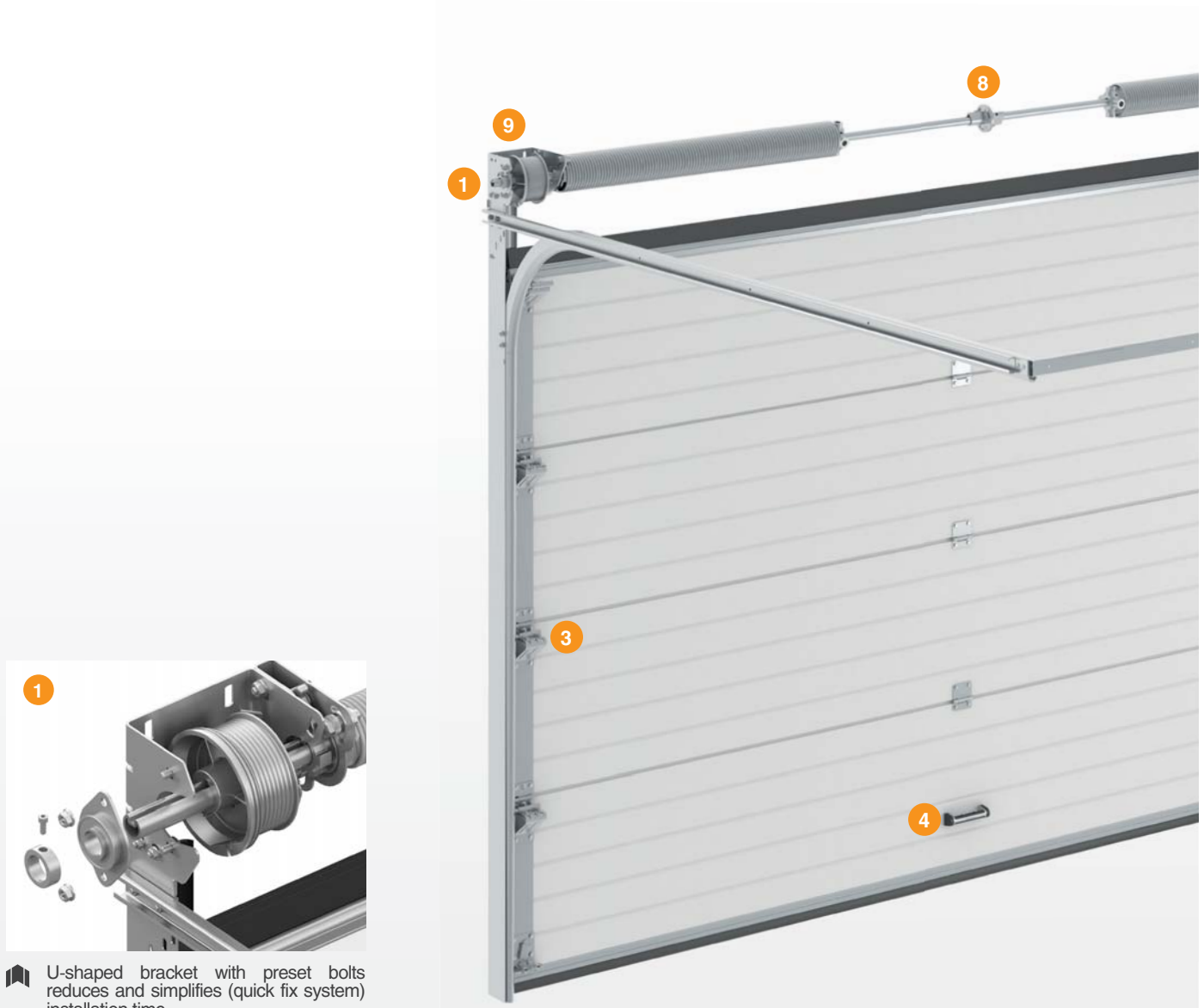
- 📖 The top roller carrier has a wide range of adjustments.



- 📖 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 and simplifies (quick fix system) installation time.



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

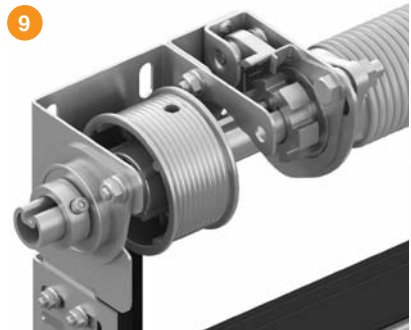


Corrosion resistant robust hardware.



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

- It's a typical door with drums and balancing system designed for 25000 cycles. The doors are available with a wide choice of the most commonly used door lift types suitable for any condition. The variety of lift types allows the doors to be installed in garages with almost any internal space geometry.



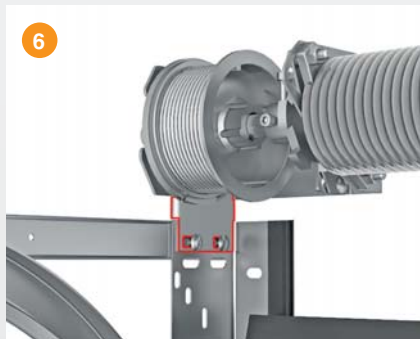
- U-shaped bracket, for 160 mm headroom, precision positioned on top of the mounting angle reduces installation time.



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



- Easy to install, operate and maintain.

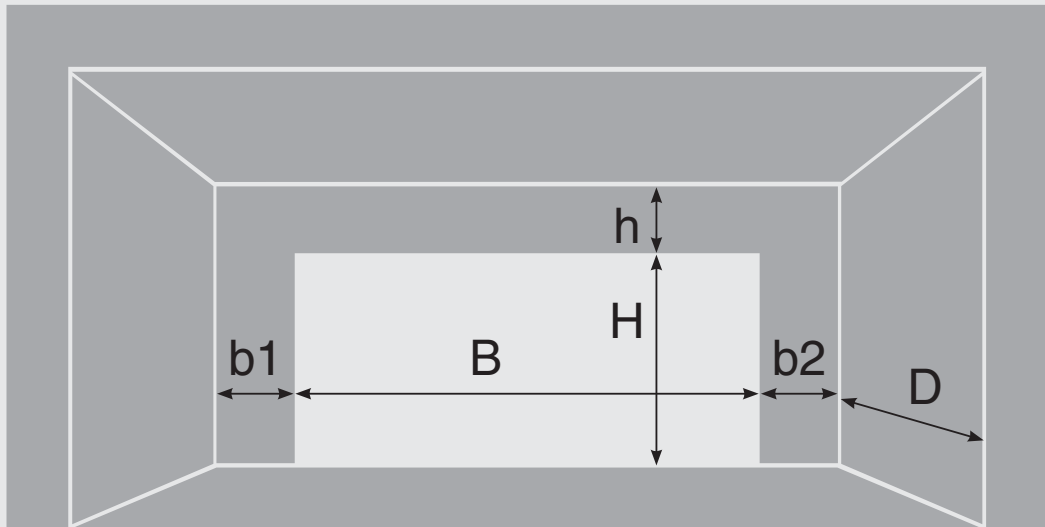


- Distance plate reduces installation time. Used to create the necessary gap between the vertical angle and the U-shaped bracket.



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

Opening clearances



Description:

H — height (distance between floor and opening top);
B — 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).

Table of permissible sizes for doors RSD01 and RSD02

		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																																	
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	2100																																	
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	1900																																	
	1800																																	
		<div><div>RSD01</div><div></div><div>RSD02</div><div></div></div>																																

RSD01 —  RSD02 — 

*The maximum opening area is 16 m².

**The maximum door sizes are approximate and depend on the type of door lift and other parameters. Contact the manager to clarify the possibility of manufacturing a door.

Specifications

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

Optional components:

- electric operator;
- key lock;
- windows.

Standard and optional components for RSD02 doors

Standard components:

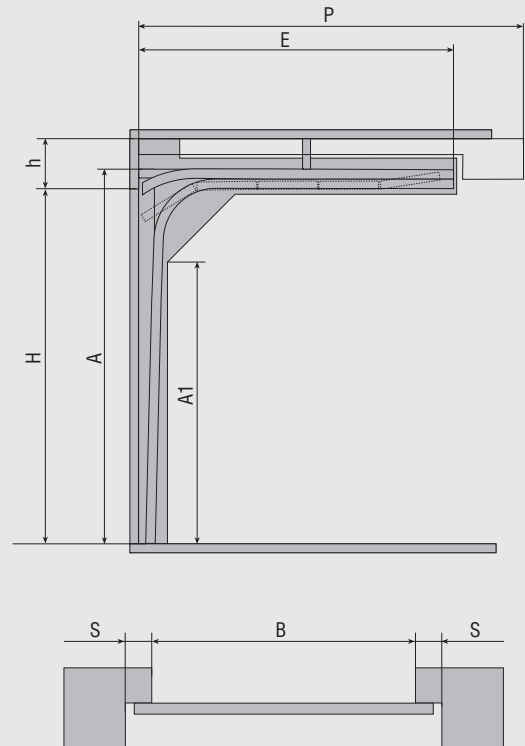
- torsion spring mechanism designed for 25 000 cycles;
- pre-assembled track system;
- door leaf;
- adjustable bottom corner bracket;
- handle;
- latch;
- spring break safety device;
- technical data.

Optional components:

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

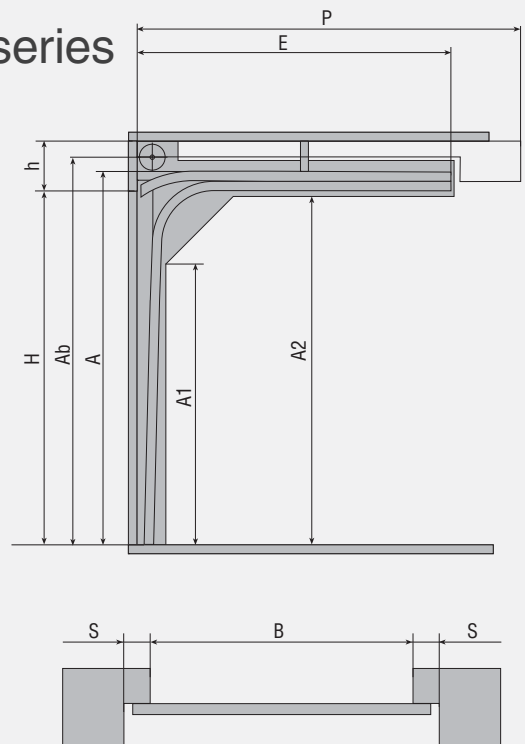
Low lift for door RSD01 series

Parameter	Description	Space requirements
H, mm	Opening height	H
h, mm	Headroom height	$h \geq 100$ manual ($h \geq 135$ mm operator)
B, mm	Opening width	B
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	$H + 1185$



Low lift front drum for door RSD02 series

Parameter	Description	Space requirements
H, mm	Opening height	H
h, mm	Headroom height	$h \geq 160$ manual (200 mm operator)
B, mm	Opening width	B
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	$H + 1185$




COMPARISON TABLE

RSD01 and RSD02 Series



RSD01	RSD02
Opening width, mm	
from 2000 to 3500	from 2000 to 6000
Opening height, mm	
from 1800 to 3000	from 1800 to 3000
Minimum headroom height manual/with operator, mm	
from 100/135	from 160/200
Minimum sideroom, mm	
100	120
Balancing system	
tension spring designed for 25 000 cycles operation	torsion spring designed for 25 000 cycles operation
Windows	
+	+
Pass door	
-	+
Design	
panels of any design, type of surface and colour	panels of any design, type of surface and colour

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