



DOORHAN[®]

RESIDENTIAL SECTIONAL DOORS

QUALITY | RELIABILITY | SAFETY





RSD01

TENSION SPRING MECHANISM

Installation requirements:

Opening width — from 2000 to 3000 mm
Opening height — from 2020 to 2820 mm
Minimum headroom without operator — 100 mm
Minimum headroom with operator — 135 mm
Minimum side space — 85 mm

During development of RSD01 doors, all experience in production of DoorHan sectional doors have been applied. Most reliable mechanisms and only proven components are used in their construction. RSD01 doors differ from other doors by smoother operation, more rigid design and higher durability.



RSD02

TORSION SPRING MECHANISM

Installation requirements:

Opening width – up to 6000 mm

Minimum side space – 100 mm

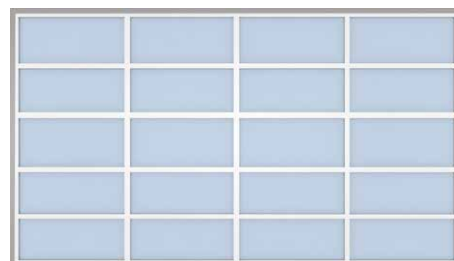
Minimum headroom without operator – 350/230/150 mm

Minimum headroom with operator – 350/230/180 mm

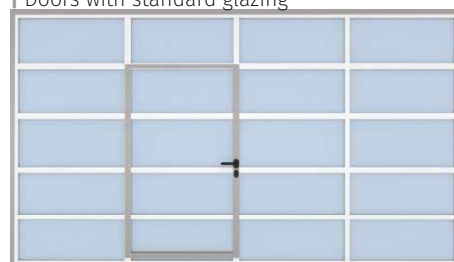
RSD02 sectional doors are designed for larger openings with greater lintel height (distance from the top of the opening to the ceiling) and higher intensity use. These sectional doors are balanced by torsion springs which are adapted to heavier loads.



PANORAMIC DOORS



| Doors with standard glazing



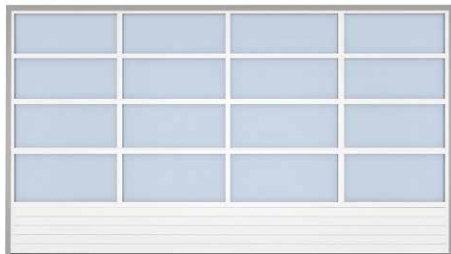
| Doors with standard glazing and pass door

Glazed panels are made of special aluminum profiles that provide the same stability as the standard steel and polyurethane door panels. DoorHan offers doors with standard glazing, full glazing and combined doors. Glazed panels can be used for RSD01 series, as well as for RSD02 series. The glazed divisions are made from transparent impact-resistant polycarbonate which is resistant to mechanical damage and ensure great lighting of the inner spaces.

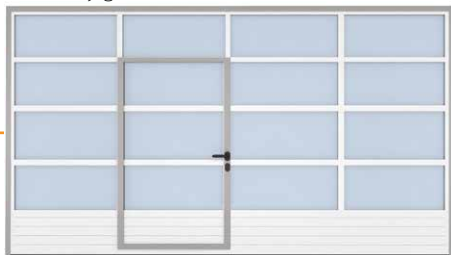
STANDARD GLAZING

Dimensions of glazed divisions:
Height – from 370 to 650 mm
Width – up to 600 mm

For doors with vertical lifts and width from 4500 to 6000 mm, the width of glazed division without partition can be up to 900 mm. Standard glazed doors can be produced with pass doors with width from 600 to 1500 mm and height from 1100 to 2500 mm.



| Partially glazed doors



| Partially glazed doors with pass door

PARTIAL GLAZING

Dimensions of glazed divisions:
 Height — from 370 to 650 mm
 Width — up to 600 mm

For doors with vertical lifts and width from 4500 to 6000 mm, the width of glazed division without partition can be up to 900 mm. Standard glazed doors can be produced with pass doors with width from 600 to 1100 mm and height from 1500 to 2500 mm.

FULL GLAZING

Dimensions of glazed divisions:
 Height — from 370 to 650 mm
 Width — up to 3000 mm

Fully glazed panels provide maximum lighting of inner spaces. Pass doors can not be installed on fully glazed sectional doors.



PASS DOORS



Residential sectional doors RSD02 series can be supplied with pass doors to ensure an additional entrance to the building without having to open the entire door. Double sealing system provides the door with great thermal insulation properties, retaining warmth in winter and cold in summer.

Pass doors feature:

- | built-in closer,
- | door retainer,
- | opening angle >90,
- | standard frame colour - silver,
- | built-in open pass door sensor,
- | door retainer in open position.



Door dimensions:
Standard width – 900 mm
Standard height – 1800/1900 mm
(depends on the panels height)
Step – 75 mm (without sealing)
Minimum distance of the pass door
to the edge of the door leaf – 400 mm



OPERATORS FOR RESIDENTIAL SECTIONAL DOORS



Thanks to the ceiling operators, the residential sectional doors open and close at the touch of a button on the remote control. Operators are also equipped with built-in lighting, which turns on automatically when the motor is activated.

Model	Sectional DIY-500	Sectional-500 PRO	Sectional-750PRO	Fast-750	Sectional-1000	Sectional-1200
Power supply (V/Hz)			230/50			
Maximum power consumption (W)	100	100	150	150	200	300
Torque (N)	500	500	750	750	200	1200
Door speed (m/s)	0,14	0,14	0,1	0,1-0,18	1000	0,1
Maximum door area (m ²)	8	8	10	10	13	16
Maximum opening height (mm)	2 300	2 600	2 800	2 800	3400	3800
Intensity (%)			50			
Temperature range (°C)			from -20 to +55			
Degree of protection			IP20			

| Remote controls



| Lock
External release system
with key for residential
door operators



| LED lamp
Signal LED lamp



| Remote control



| Transmitter - 2PRO



| Photocell-N
Photocells - transmitter,
receiver, up to 40 m

AUTOMATION ACCESSORIES

Remote controls, photocells, external receivers, keyboards and other automation accessories, allow a convenient and a safe door operation.

All control devices are optimized to connect with DoorHan automation systems, but they can also be combined with devices from other manufacturers.

Remote controls are easy to program, within a few key presses, which saves time and provides a safe and easy operation of all automation systems.

TYPES OF PANELS



| S-Line



| Cassette

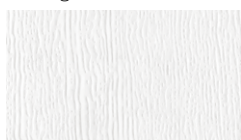
SURFACE TYPES

| Design inside



| Stucco

| Design outside



| Woodgrain

GLAZING TYPES



| Panoramic panel with double glazing.
Plexiglass / polycarbonate.



| Panoramic panels with single glazing.
Plexiglass / polycarbonate.



| Panoramic panel with aluminum grille.
Hole diameter - 6 mm.

PVC

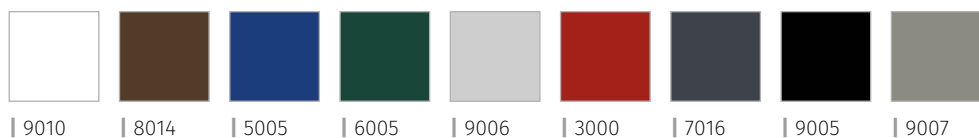


| Golden oak



| Wenge

STANDARD RAL COLOURS



Panels can be painted in any colour from the international RAL Colour Chart. Colour swatches printed on this page may not accurately display the original colours. Please use the original RAL Colour Chart.

ACCESSORIES

WINDOWS

DoorHan sectional doors can be equipped with polycarbonate windows of various sizes and types. These windows represent an original design solution and door accessory.



| White



| Black

| Dimensions 638 × 338 mm



| Dimensions 588 × 181 mm



| Dimensions 452 × 322 mm

HANDLES

DoorHan sectional doors can be equipped with special handles for manual opening of the doors.



| Handle for RSD01,
RSD02 and ISD02

LOCKS

Mechanical locks automatically block the door leaf after closing. Locks for RSD01 series and RSD 02 series have a unique design and a robust construction.



| Lock for RSD01,
RSD02 and ISD01



DoorHAN®