

OVERHEAD SECTIONAL DOORS

Models: 800 | 1000 | 1000AC



Models: 624, 625, 684, 685, 688, 689

Sectional doors manufactured in the RB GROUP's Door Factory under strict supervision and in an exceptionally high level of quality. The overhead door is suitable for closing off entrances for industrial buildings, logistic centers, factories, garages, warehouses, hangars, etc.



Technical Specifications

GENERAL INFORMATION	<p>Galvanized steel with outer side painted in white, silver or cream. 0.65 mm thick cold rolled steel, with 2 deep grooves, 6 shallow grooves and 2 lip edge grooves of a 50 mm thickness. To strengthen the panels, special profiles are connected to which the hinges are attached. Painted during production process with a Silicon-based steel paint. Galvanized coating thickness 200 g/m2.</p>
TRACK, STEEL FIXTURES AND ACCESSORIES	<p>The track is constructed from cold rolled galvanized steel, 2" wide, and is mounted directly on the wall with an angle. Mounting of the track to the wall is with a galvanized reversed angle– 50X50 mm. The steel of the tracks is at least 2 mm thick. 2" diameter steel guide rollers with 10 bearings– industrial level Round rubber seal inserted into the door's bottom profile. Lock for closing– spring bolt for closing from within the hall (in manually operated doors only) Lifting cables constructed from 7X19 galvanized steel wires, with a total safety factor for 2 cables of 12:1. Torsion springs installed on the top axle. On the edge of the axle– 2 cable drums for collection of lifting cables. The cable drums are fitted according to how the door is raised.</p>
MODELS	<p>The overhead sectional door can be ordered in a number of models: Model 624 – Non-insulated sectional door Model 625 – Heavy duty sectional door for high usage applications Model 684 – Insulated sectional door Model 685 – Heavy duty insulated sectional door for high usage applications Model 688 – Sectional door insulated with 40 mm Polyurethane foam heat transfer factor Model 689 – Sectional door insulated with 80 mm Polyurethane foam heat transfer factor Additional special models can be ordered upon request.</p>
AVAILABLE OPTIONS	<p>Painting of outer/inner panels of the door – color selection from the RAL color catalogue Chain operation • Electrical operation • Flashing light/ buzzing alarm • Anti-fall clasp • Bottom sensing edge • electronic sensor • Seal systems • peephole • induction loops • remote control operation • operation through mobile phone</p>
DIMENSIONS	<p>Width: 1–12 M / Height: 1–6 M</p>

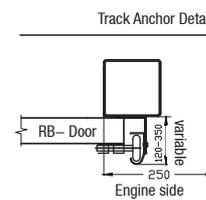
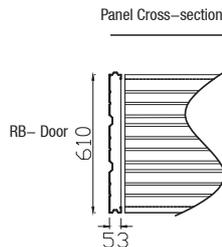
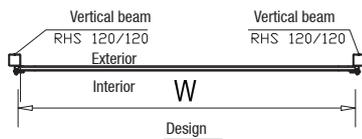
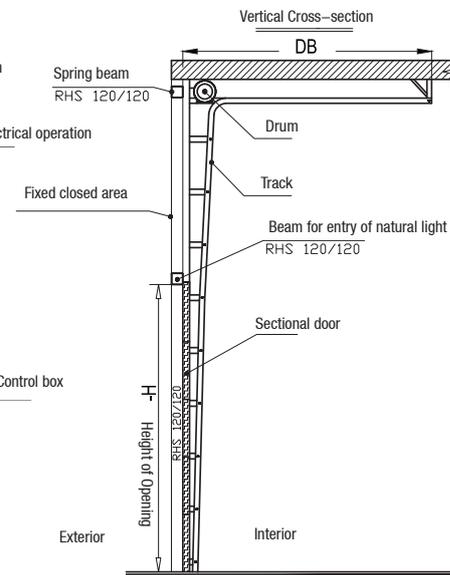
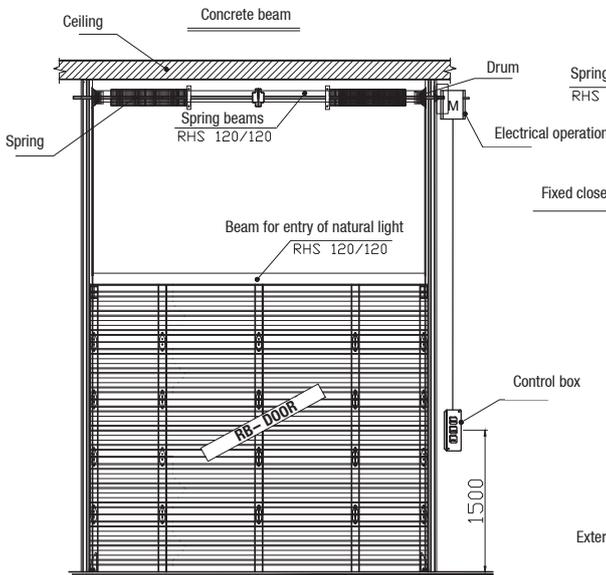
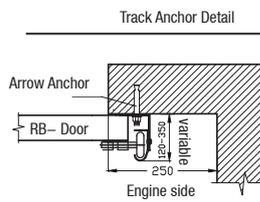
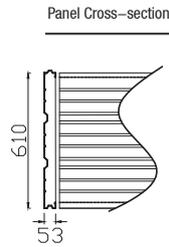
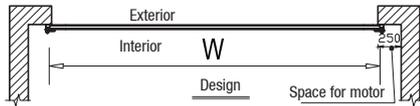
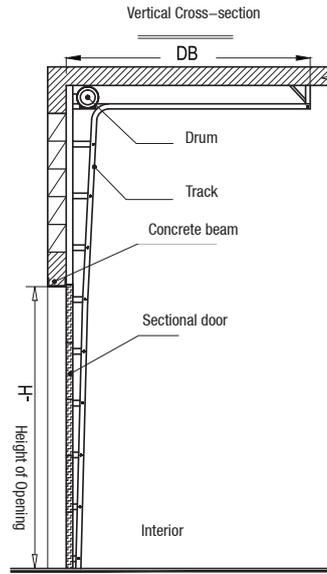
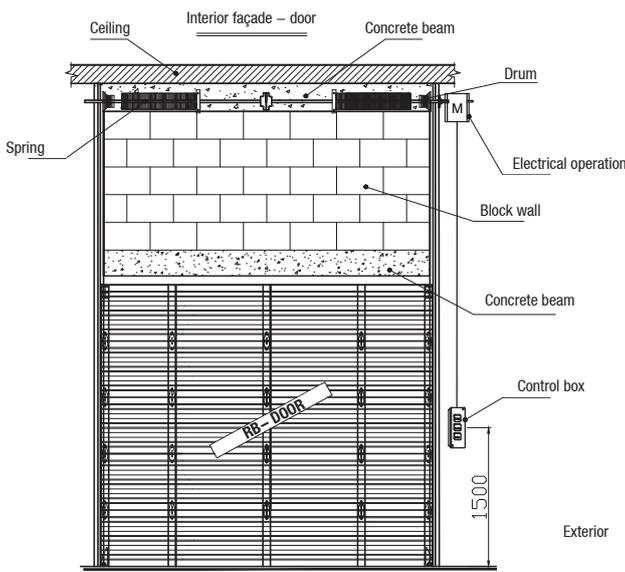
*The customer is responsible for preparing the opening in its entirety– according to directions given by the RB GROUP representative– and for providing electrical power feed and connection for the motors if installed.



Overhead Sectional Doors | Models: 624, 625, 684, 685, 688, 689



Mechanical Drawing



HIGH-SPEED DOORS

Model : Speedy



The flagship product of RB GROUP's Roller Doors Division, combining advanced technology with a sleek, modern look. SPEEDY, the high-speed door that opens in just 2 seconds and is the quickest high-speed overhead door found in the local market.

Suitable for high-traffic parking lots, industry, sterile rooms such as found in the food, pharmaceuticals and electronics industries, as well as cooled or air-conditioned industry halls.



Technical Specifications

GENERAL INFORMATION	<p>The curtain is constructed from 30 mm thick, sealed horizontal aluminum profiles.</p> <p>Heavy aluminum bushing on both sides of every slat encloses the profile, making it rigid, and carries the guide rollers as they move within the tracks.</p> <p>Finish of the curtain profiles in natural anodized finish/ high quality paint.</p> <p>Lifting and lowering by means of a controlled electric motor with option for pausing while lowering, adjustable lowering time.</p> <p>Can be operated manually in emergency mode.</p> <p>Performance speed– 2 meters/second. Speed is adjustable and can be increased or decreased according to customer's needs.</p> <p>Advanced safety mechanisms to stop the door when obstacles are observed in downward path when closing.</p>
TRACK, STEEL FIXTURES AND ACCESSORIES	<p>The tracks, constructed from exclusive aluminum profiles with a natural anodized finish, lead the curtain through opening and closing.</p> <p>The rollers moving in the tracks are made from plastic materials with a soft crumb rubber coating for quieter operation.</p> <p>A greased, sealed ball bearing with galvanized steel center allows for precision in movement and carrying of curtain, without noise or friction.</p> <p>The curtain passes through the spiral track installed on an accurate steel base– avoiding any contact between panels, preventing wear and tear and allowing for quick and easy movement.</p> <p>Speedy's Control System: A sophisticated control system based on a computerized controller with many options available for the customer to select from: Mushroom push button switch installed on the interior side of the wall, or, on both sides of the wall • Receivers with remote controls for remote operation • Floor induction loops • radar detector • box cover for roller drum • Miscellaneous (magnetic card/ number reader/ mobile phone or other)</p>
AVAILABLE OPTIONS	<p>Resistant, transparent slats (polycarbonate) • Perforated slats • Flashing light • buzzing alarm • Connection with additional systems such as: fire extinguishing system, alarm system, locks, electrical locks or other end devices as required by customer.</p>
DIMENSIONS	<p>Width: 1–6 M / Height: 1–4.6 M (above 4.6 M a technical drawing will be provided upon demand)</p>

*The customer is responsible for preparing the opening in its entirety– according to directions given by the RB GROUP representative– and for providing electrical power feed and connection for the motors if installed.

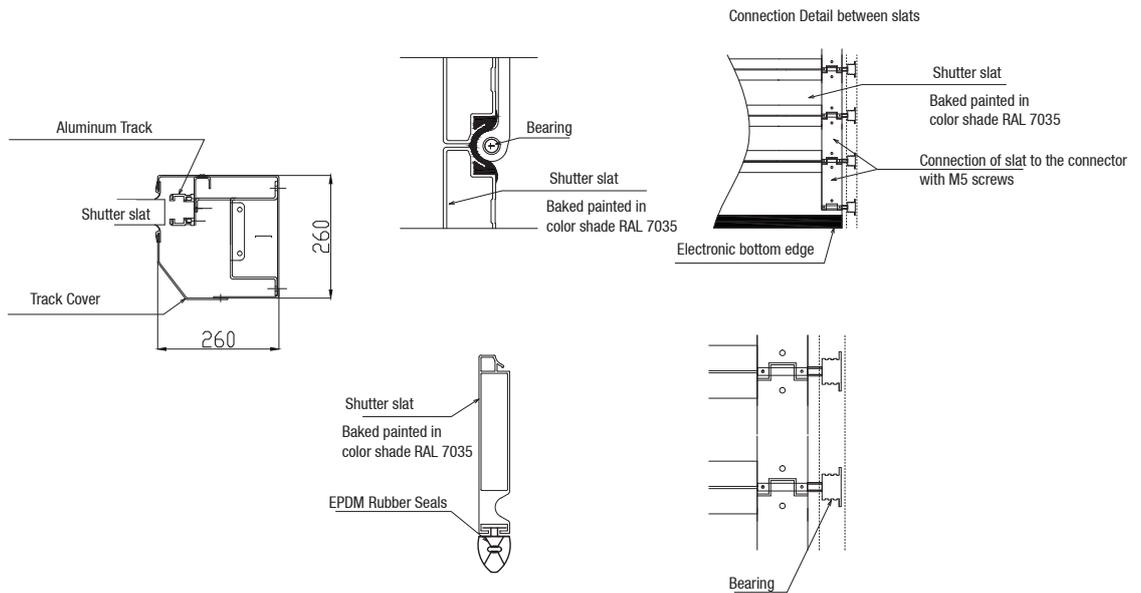
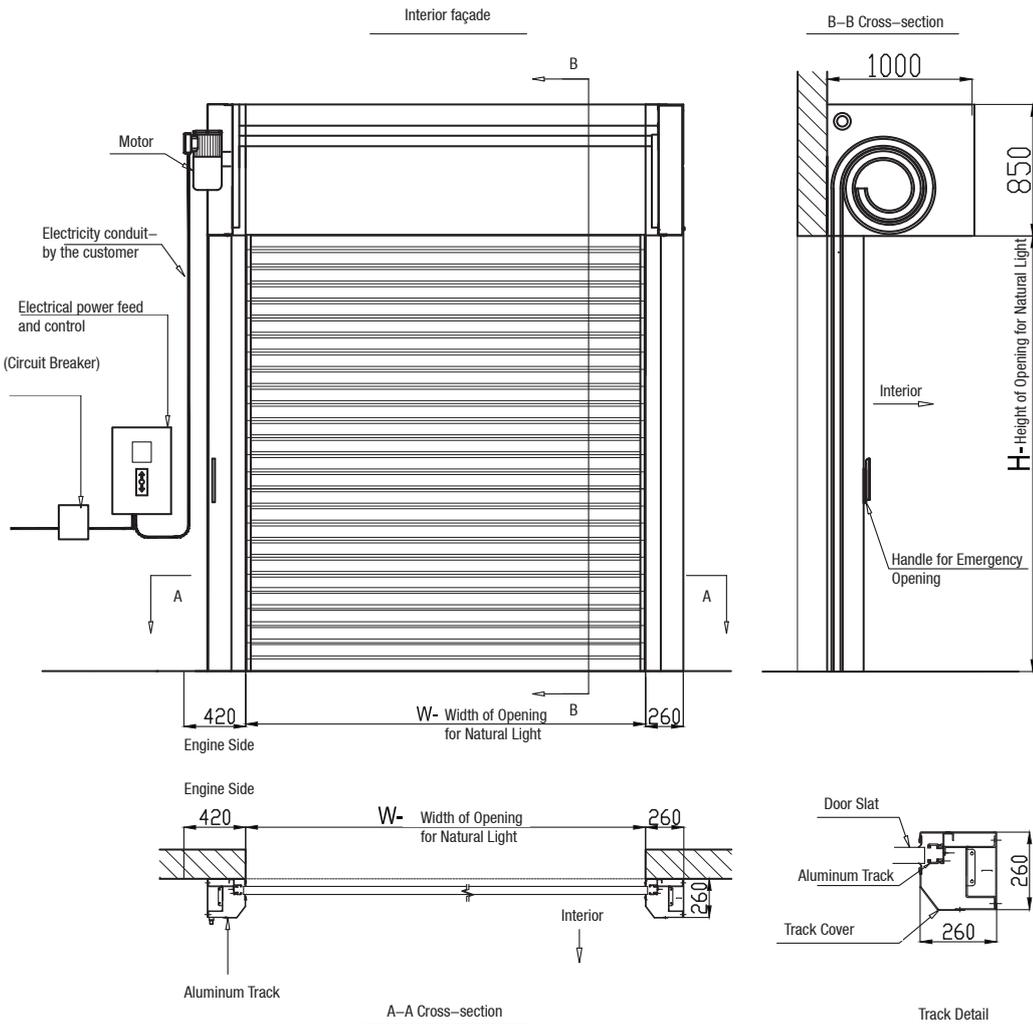


High-Speed Doors | Model: Speedy



Mechanical Drawing

3 Phase Pact Switch 16A 5X1,5 (Circuit Breaker)
- responsibility of the customer



TELESCOPIC ROLLER DOOR CURTAIN SEAL

Model: Dock Shelter



RB-DOORS

The Telescopic Roller Door Curtain Seal, a product of RB GROUP's Roller Doors Division, is the ideal solution for providing well-sealed loading bay openings requiring protection from environmental conditions while intensive work is carried out.



Technical Specifications

GENERAL INFORMATION	<p>The Roller Door Curtain Seal is made of reinforced and flexible PVC sheeting that form a hermetic seal when the loading vehicles brush against them.</p> <p>The presence of the sheltering curtain seal significantly aids in maintaining temperatures in the building and in the workers' environment.</p>
STEEL FIXTURES AND ACCESSORIES	<p>The Roller Door Curtain Seal consists of two constructive steel frames connected by diagonal steel profiles with hinges, providing flexibility to the curtain seal.</p>
DIMENSIONS	<p>Dimensions of the connecting sheeting are:</p> <p>The vertical side sheets along the entire height of the seal are 60 cm wide.</p> <p>The horizontal overhead sheets are 90 cm in length from the top edge of the curtain seal downwards.</p> <p>Standard dimensions of the curtain seal 3300 X3300 mm</p>

*The customer is responsible for preparing the opening in its entirety— according to directions given by the RB GROUP representative— and for providing electrical power feed and connection for the motors if installed.

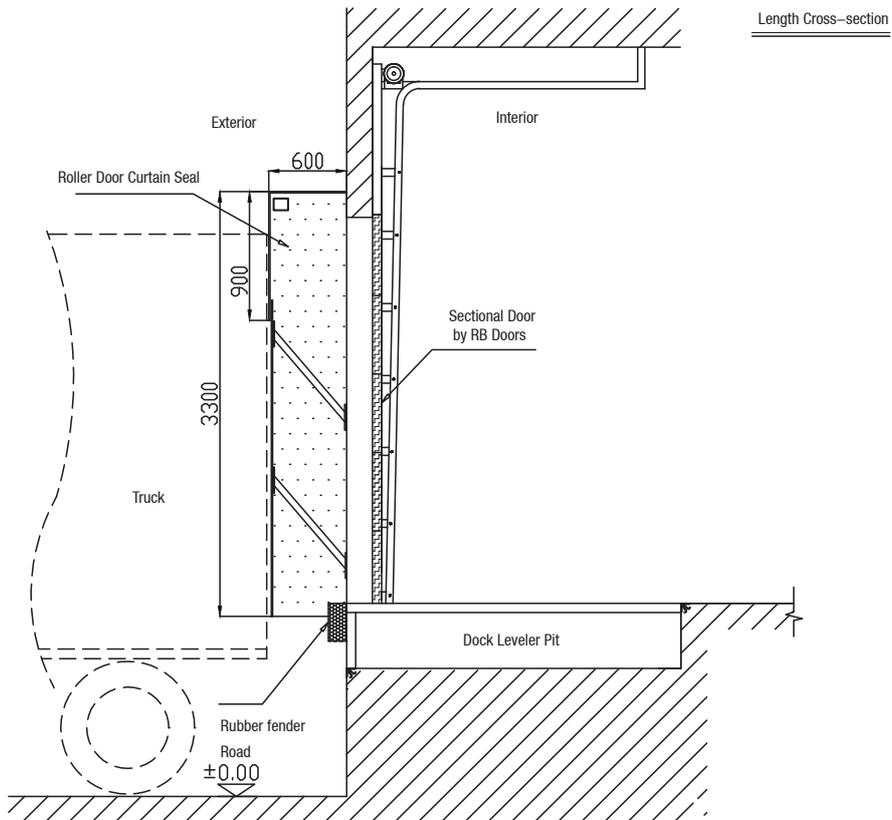
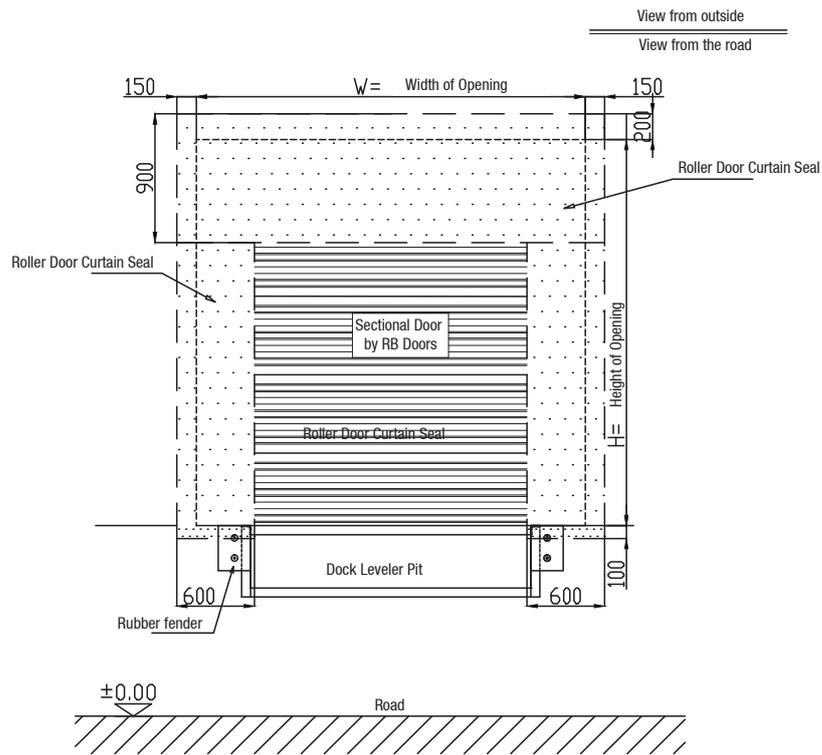


RB-DOORS

Telescopic Roller Door Curtain Seal | Model: Dock Shelter



Mechanical Drawing



ROLLER SHUTTERS

Models: 800 | 1000 | 1000AC



RB-DOORS

Model 800 – Non–insulated Shutter
 Model 1000 – Insulated Shutter
 Model 1000 AC – Acoustic Shutter

Roller shutters built with interlocking steel laths, forming a smooth and decorative curtain. The shutter winds back on a thick wall steel roller axle in a quiet and smooth manner.

The roller shutter is suitable for closing off entrances for industrial buildings, logistic centers, warehouses, factories, hangars, etc. The shutter is customized according to the needs of the building structure, such as maintaining temperatures and saving energy in air–conditioned areas.



Technical Specifications

DOOR CURTAIN	The shutter is made of interlocked, baked painted galvanized steel laths, in white or silver, forming a smooth curtain. A guide made from okolon is attached to the sides of every second lath for smooth motion within the track. *Model 1000 comes with insulation filled double skinned laths.
LIFTING MECHANISM	The shutter winds back on a customized, thick wall steel roller axle fitted to the width and the weight of the curtain. The roller is attached to the crossbar on both sides by upper fasteners. Upper fasteners – reinforced steel, attached to the wall.
WIND LOCKS	If required, wind locks in sizes suiting the track and providing resistance to pressure from wind, will be supplied and installed.
TECHNICAL SPECIFICATIONS FOR ELECTRICAL OPERATION	For door operation, a three–phase electrical operation unit corresponding to the weight of the door is supplied. The operation unit includes electrical motor, speed reducing transmission and control box. Control of this unit operates at a low voltage. Electrical operation includes a system for disconnecting and enabling manual operation.
AVAILABLE OPTIONS	Painting of outer/inner side of the door – color selection from the RAL color catalogue Flashing light / buzzing alarm • electronic sensor • induction loops • remote control operation • operation through mobile phone
DIMENSIONS	Width: 1–12 M / Height: 1–9 M

*The customer is responsible for preparing the opening in its entirety– according to directions given by the RB GROUP representative– and for providing electrical power feed and connection for the motors if installed.

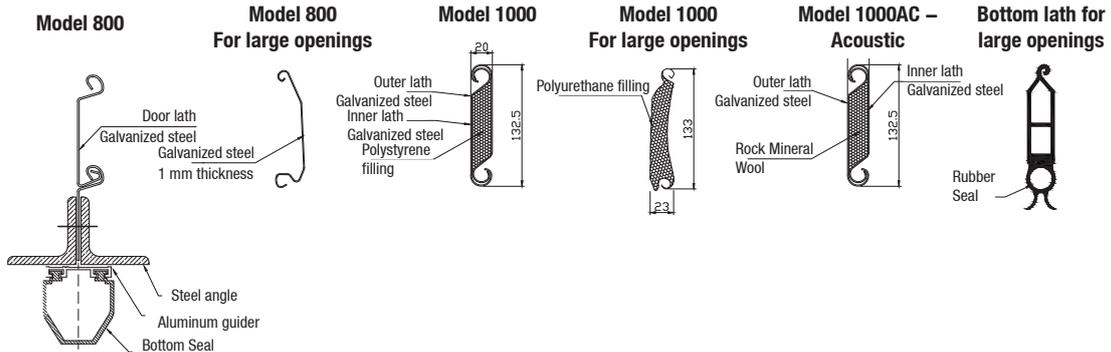
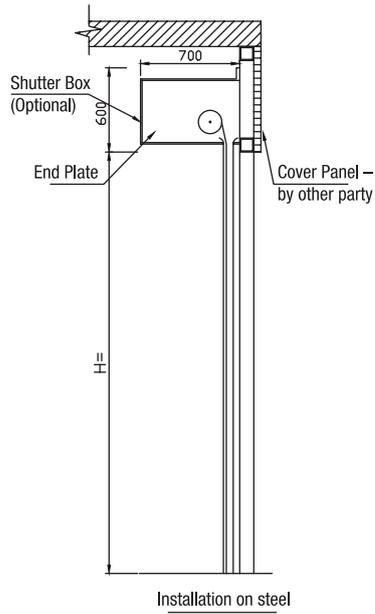
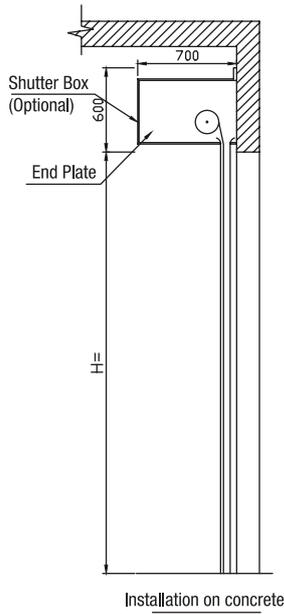
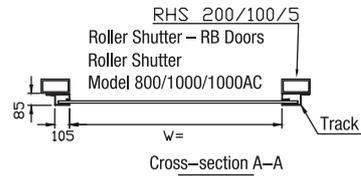
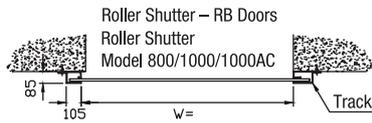
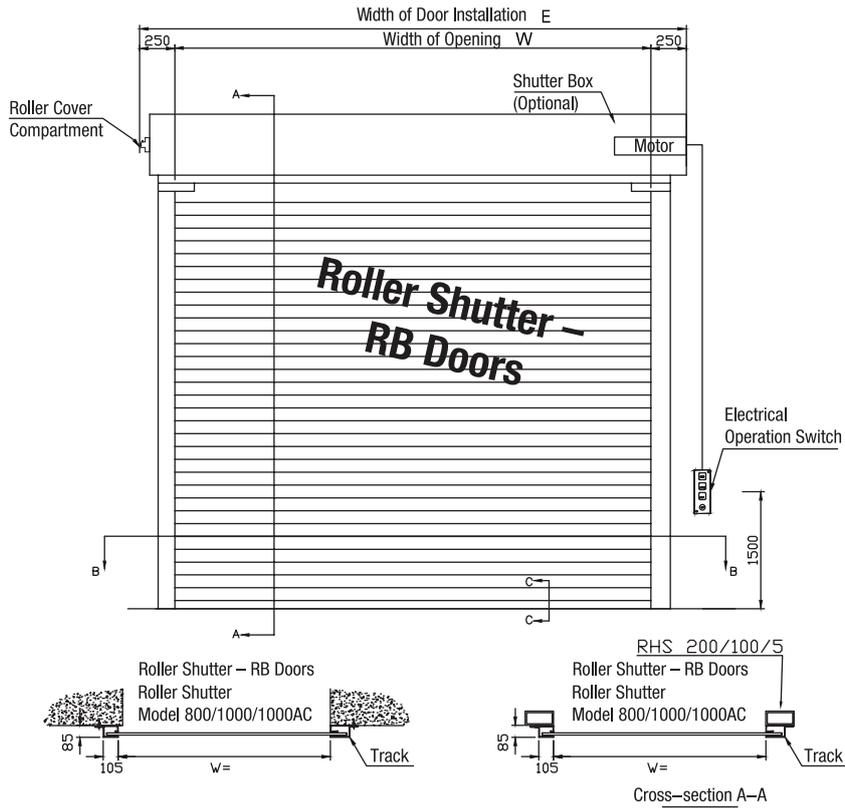


RB-DOORS

Roller Shutter | Model: 800/1000



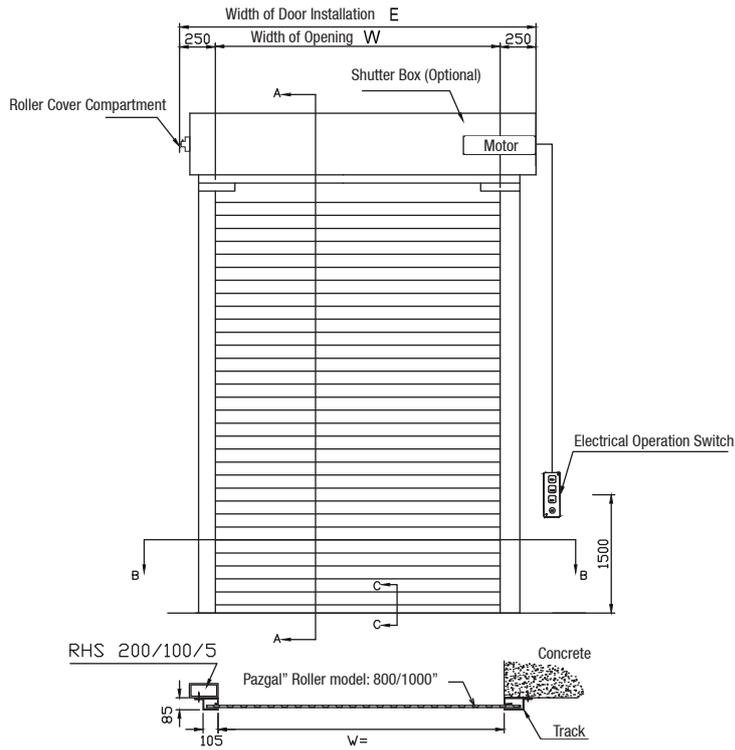
Mechanical Drawing



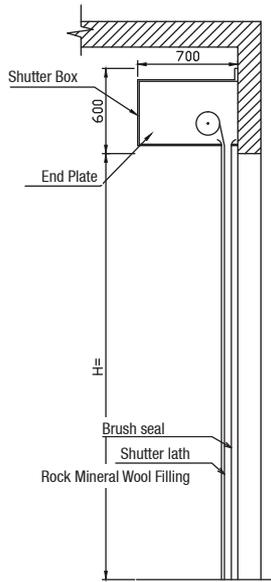
Roller Shutter | Model: 1000AC



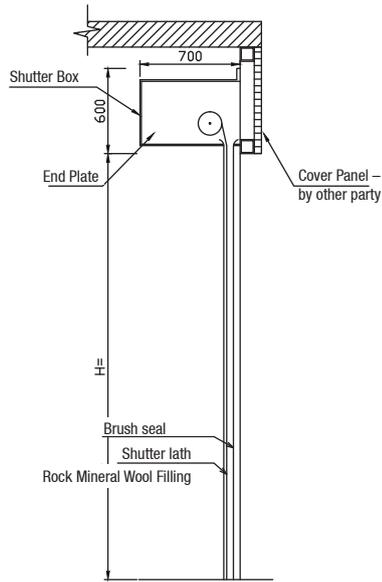
Mechanical Drawing



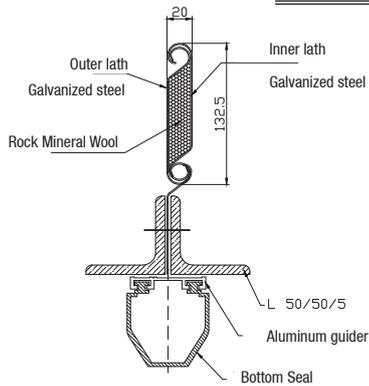
Cross-section A-A



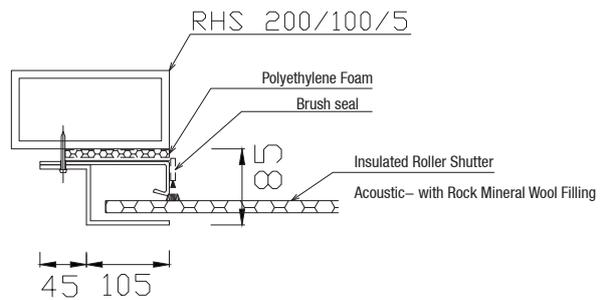
Installation on concrete



Installation on steel



Cross-section C-C



Track