

Automatic Revolving Doors

ASSA ABLOY RD200

(3 and 4-wing)

ASSA ABLOY
Entrance Systems

Experience a safer
and more open world



With two drum variants and customizable wing configurations, the RD200 compact automatic revolving door offers the most cost-effective solution for your entrance needs.

Improve comfort and convenience

The ASSA ABLOY RD200 provides full control of your indoor environment while ensuring user safety, security, and convenience.

With the possibility to customize your diameter, the RD200 range is designed to make an entrance that can handle pedestrian traffic, with the widest options also enabling the smooth passage of luggage and baby strollers.

Ensure a better indoor climate and reduce energy costs

ASSA ABLOY revolving doors reduce the energy needed to heat or cool a building, resulting in optimal energy savings and increased sustainability. Additional sensors, add-ons, and regular maintenance can further increase savings while improving the lifespan of a revolving door system.

Place safety first*

The door has soft edges to prevent injury. Additionally, if an obstacle is detected the doors will stop rotating until it is removed.

- Compressible vertical safety switches on drum edges
- Rotating speed controller
- Touchless sensors designed to stop door leaves if sensor field is disrupted
- Compressible safety switches designed to stop door leaves if they come in contact with a person or object
- Emergency break-out system (optional)

**All ASSA ABLOY RD200 safety systems have been tested and certified by authorized/accredited laboratories. National standards may influence the choice of safety functions.*





Frame system



Slim system with shaft



Slim system without shaft

Available in different designs and as 3 or 4-wing

The ASSA ABLOY RD200 offers several configurations depending on a customer's needs, including two options for the outer drum and three door leaf variations.

- The Frame systems comes in larger profiles, making both the door and door leaves sturdier, and can be fitted with a number of glass fronts, each of which offer varying levels of security.
- The Slim system comes in smaller, narrower profiles, each allowing room for larger glass surfaces and an all-round more aesthetically pleasing look. Depending on the rail and panel options chosen, doors can provide different degrees of privacy.

The RD200 is also flexible when it comes to internal height and fascia height to match any building. The drive mechanism is fitted on a frame above the ceiling while the drive shaft bearing is affixed to the finished floor where brushes seal the door tightly.

The doors are placed and fixed directly onto the finished floor surface with no special foundations required. A ground ring is available for unfinished floors or for aesthetic purposes, such as showing the divide between an indoor and outdoor area.

All ASSA ABLOY-revolving door systems come with our designed and crafted aluminum profiles, all of which can be anodized, powder-coated or stainless steel-clad.

A unique system giving you full control

All RD200 models utilize ASSA ABLOY's unique CDC control system to ensure the lowest operating and maintenance costs while providing optimal safety. The system employs automatic diagnostics stored in an event log.

Maximum security against intrusion and full access control

Reinforced glass throughout the RD200 protects the security of your building and business against break-ins and unwanted access. Our night closing options can both prevent unauthorized access and restrict access during select hours to approved

personnel only. The password-protected user interface on the program control device ensures only trusted personnel have control. In addition, access control functionality allows for greater management of people moving in one direction.

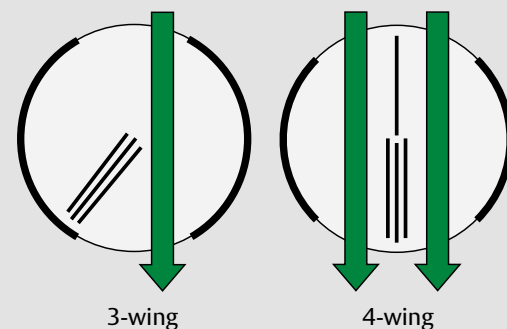
An optional feature, the RC3, comes with additional security features including locks, profiles and glass panels, offering even greater protection against potential burglaries.

Adjustable speed control

The maximum rotation speed is factory preset but can be adjusted to suit different applications and security requirements. This also means that the door cannot be manually rotated faster than the preset limit.

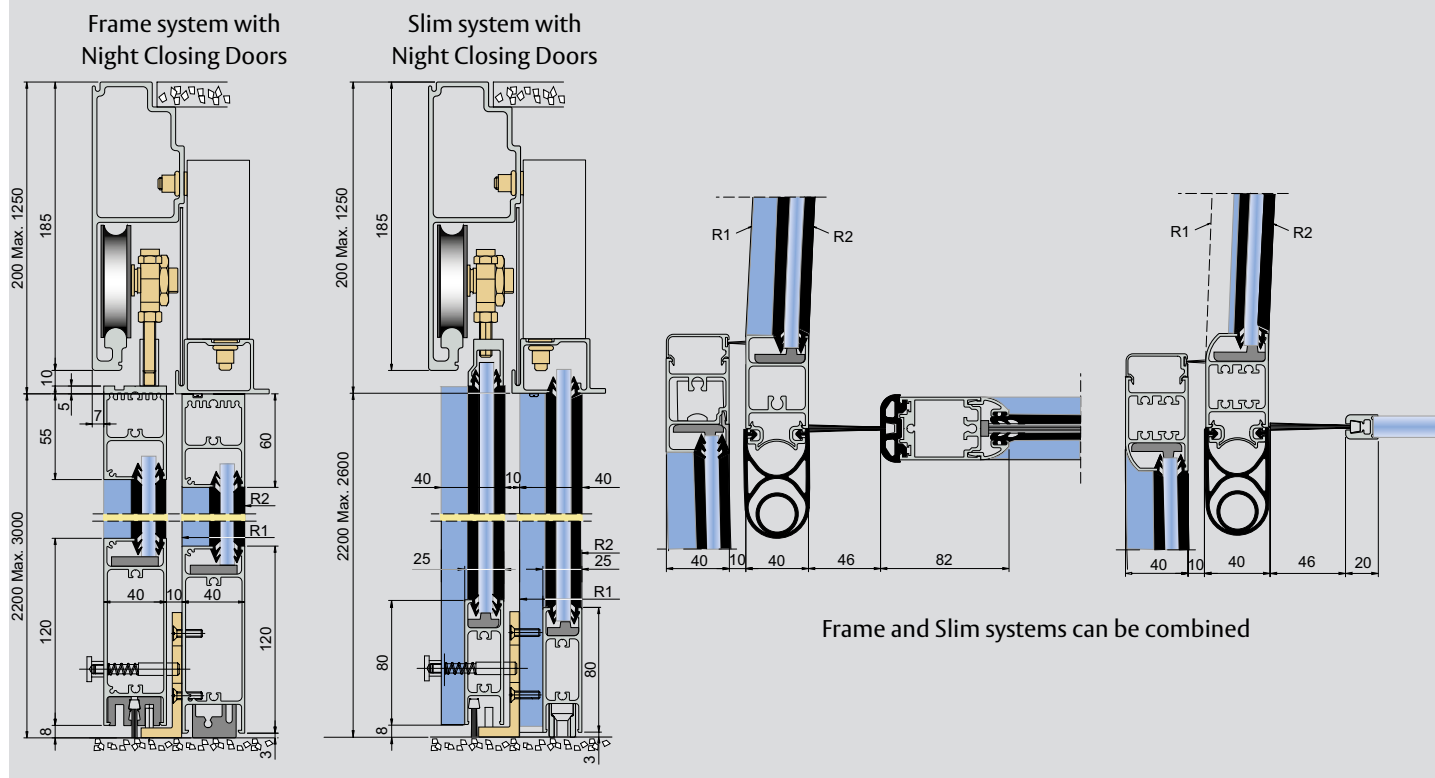
Evacuation path

A clear evacuation path can be made by fitting the emergency break-out system with an electromechanical release that can integrate with a fire alarm. The release also ensures that the door leaves collapse only when required and not under wind or people pressure. The break-out system is also handy to bring long or large objects through the entrance.



3-wing

4-wing



Function

Program selector:

- Off: Door is locked if electromechanical lock is fitted
- Auto start: The door stands still. When the door is activated by the inner or outer activation unit or by pushing (Push and Go), the door rotates at normal speed through three compartments and then stops.
- Continuous rotation: The door rotates at low speed. When the door is activated by the inner or outer activation unit, the door rotates at normal speed through three compartments and then returns to low speed.
- Manual override: Forward and reverse
- Normal speed adjustment: Adjustable from 1.5 to 5 rpm
- Low speed (people with disabilities): 1.5 rpm

Remote service and statistics

The revolving door is equipped with an Internet of Things (IoT) unit which gathers data about the door and presents the data to the owner of the revolving door and to ASSA ABLOY Entrance Solutions.

This data can be used to monitor performance and maintenance to detect issues before they become a problem. It also allows a service technician to be dispatched with the right spare parts and solutions in advance (reduced downtime).

The IoT unit enables remote service, where our service team will guide and help you solve the

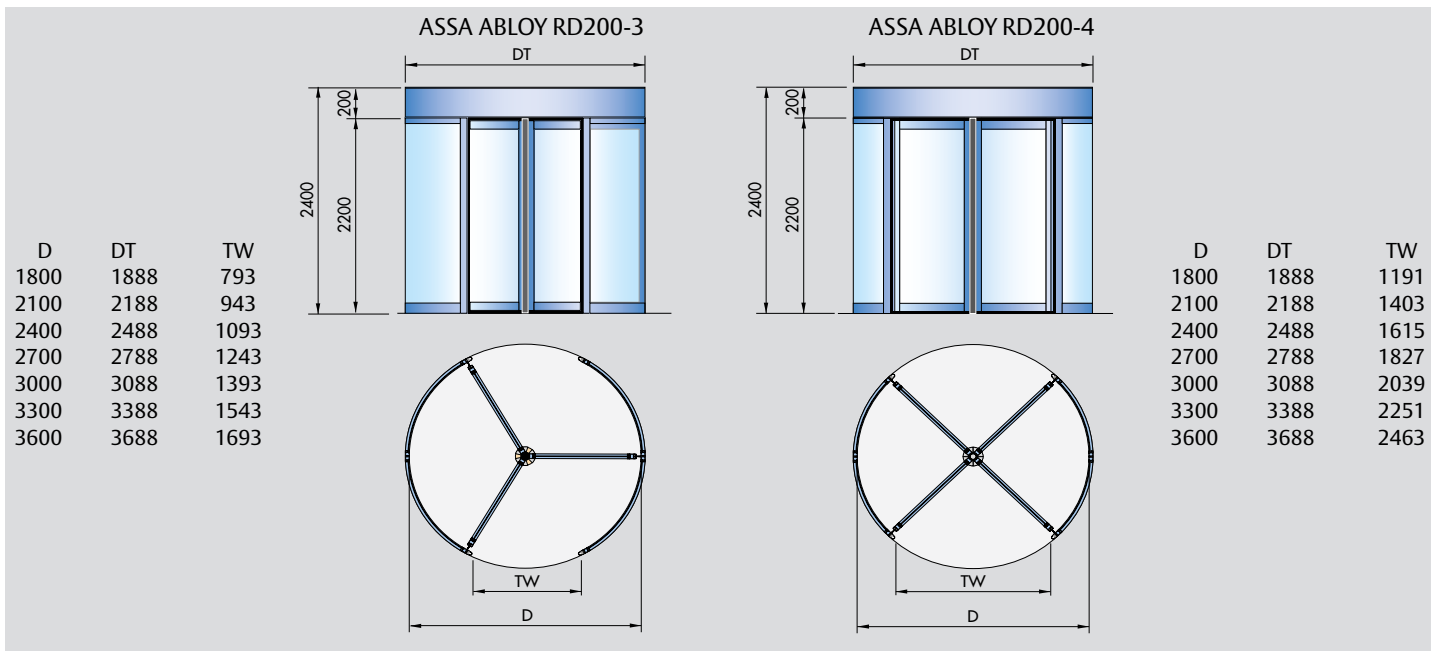
problem using remote diagnostics capabilities. The IoT also reports on door usage to identify high-traffic doors and understand peak hours and door statuses.

Faster service and diagnostics

The service technicians are equipped with a modern configuration tool which allows for faster diagnostics and fault finding, including the possibility of monitoring diagnostics in real-time for a better and more efficient service.

If an error has occurred, the configuration tool will present an extensive log upon connection to the door. There is also a possibility to share logs, settings and fault codes to our back office if there would be a need for that.

The RD Service Tool simplifies and shortens the installation and configuration time. During service visits the door can easily be upgraded to the latest version of our software to gain improvements.



Standard equipment

Automatic drive
Control unit built-in behind the fascia above the inside entrance
Microprocessor controlled with plug-in modules and LED status lights
Speed control
Vertical safety switches
Glass wall: 4 + 4 mm clear laminated (Frame/Slim)
Glass door leaves: - 3 + 3 mm laminated (Frame) - 6 + 6 mm laminated and tempered (Slim)
Other types of glass available
Door sections made from aluminum profiles
Ceiling made from white laminated panels
Dust protection roof made from white laminated panels
Emergency stop

Technical specifications

Power supply	230 V, 50 Hz, mains fuse max 10 A, 100 - 120 V, 50/60 Hz, mains fuse max 16 A
Power consumption	200 W / 30 W resting
Lighting LED 5 W	30 W / 60 W
ASSA ABLOY RD200 complies with:	
EN 60335-1	
EN 60335-2-103	
EN 61000-6-2	
EN 61000-6-3	
EN ISO 13849-1	
EN 16005	

Accessories and options

ASSA ABLOY activators and safety sensors
Powder-coated finish (RAL colors)
Anodizing, clear or bronze
Stainless steel cladding
Electromechanical lock
Rotation lock
Night Closing Doors (NCD), manual or automatic
Mechanical lock on NCD
Fascia, non-standard height (200 - 1250 mm)
Internal height non-standard (2100 - 3000 mm)* *2600 for diameter 3600 mm
Sheet metal sandwich panel instead of glass (Frame only)
Ground ring for unfinished floor
Disabled push button
Various options for ceiling surface
Spotlights/Downlights
Water-resistant cover
Emergency break-out system
Midrails on door leaves and/or outer walls
Additional safety on rotating door wings
RC3 EN 1627

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This equipment should be installed, regularly inspected, maintained and serviced by trained and authorized personnel. Preventive maintenance plans are highly recommended for a proper and safe operation. Talk to your ASSA ABLOY Entrance Systems representative to learn more about our service offering!