

Compact Revolving Door

ASSA ABLOY RD150

(3-wing RD150-3-1 and 4-wing RD150-4-1)

ASSA ABLOY

Entrance Systems

Experience a safer
and more open world



Traffic flow

Pedestrian – Individuals	•
Pedestrian – with luggage	–
Pedestrian - Groups (mm)	≥2700
Pedestrian – Speed Control	•
High Traffic including Trolleys & Wheelchairs	–
Max. capacity per minute per direction	27–54

Dimensions

Diameter (increment of 100 mm)	1800–3000
Internal passage height (mm)	2200–3000
Canopy height (mm)	200–1250

Safety and Security

Break-out capability	–
Emergency Escape 3rd Party Certification	–
TUV-Certification	•
EN16005:2012	•
EN1627:2011 Burglary Resistance Class 2 and Class 3	•
Night-Closing Doors (NCD), internal or external	•

The ASSA ABLOY RD150 automatic revolving door can seamlessly adapt its speed to faster pedestrian traffic

The ASSA ABLOY RD150 automatic revolving door, is designed to adjust its speed to match pedestrian traffic, ensuring convenience and efficiency. It combines the fully automatic revolving door's convenience with the flexibility of a manually operated door, providing faster access.

Keeping you and your customers secure is our top priority. The door-mounted safety systems are designed to always remain active. They ensure that the door cannot be manually operated at a speed that exceeds the pace of the slowest occupant, thus providing an added layer of protection and security for you and your customers.

The ASSA ABLOY RD150 door's Automatic High Speed and Manual Speed Control settings can be individually adjusted to different values, making it truly unique. The door speed can also be increased to a pre-set maximum speed with manual pushes that let pedestrians pass at their own pace. The door has three individually adjustable speed settings: Automatic High Speed, Individual Speed Control and Low Speed, facilitating relaxed and easy passage based on your users' unique needs.

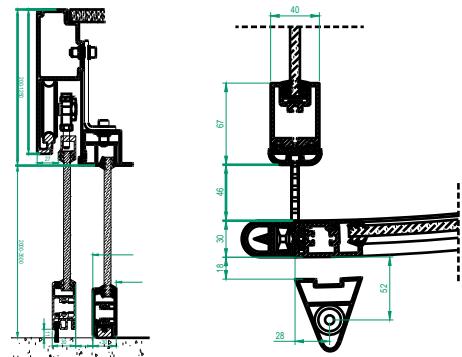
The ASSA ABLOY RD150 door also has enhanced safety and security features in addition to its user-friendly design. The individual speed control prevents the speed of the revolving door from rising to a dangerous level if users push too hard, or strong winds set the revolving door in motion. The Low Speed feature of the revolving door reduces the risk of collision when multiple users enter or exit the door simultaneously. Rubberized safety edges reduce the risk of trapping objects or fingers during turning.

With its RC2 and RC3 security level, the ASSA ABLOY RD150 offers additional security so your building is always safe. The ASSA ABLOY RD150 revolving door is available with three or four-door leaves in various sizes. Thanks to plug-and-play configurations, the door settings can be easily set and adjusted at the touch of a button.

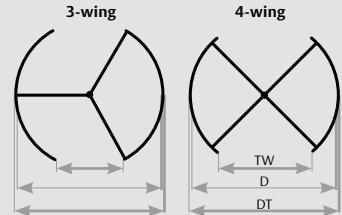
We recommend combining the ASSA ABLOY RD150 with an ASSA ABLOY swing or sliding door system for a complete, user-friendly entrance solution.

Safety features

- If an obstacle prevents the door from turning, the rotation stops
- Compressible safety edges at the entrance posts on the outer wall and unique rubber profiles on the door leaves, reduce the risk of injuries
- The digital speed control prevents the door from being pushed too fast
- The energy-saving rotary mechanism returns the door safely to the park position
- Burglary-resistant glass in RC2 and RC3 various configurations



(mm)	D min.	D max.	Formula
D (Internal Diameter)	1800	3000	+ 100
DT (External Diameter)	1896	3096	D + 96
DT (Internal Night Closing Doors)	1976	3176	D + 184
DT (External Night Closing Doors)	2024	3224	D + 224
Without and with External NCD			
3-wing TW true passage width	863	1463	863+((D-1800)/100)*50
4-wing TW true passage width	1244	2094	1244+((D-1800)/100)*70,67
Internal NCD			
3-wing TW true passage width	834	1434	834+((D-1800)/100)*50
4-wing TW true passage width	1223	2071	1223+((D-1800)/100)*70,67



Technical specifications

Power supply	100-240 VAC+10/-15%, 50/60 Hz, mains fuse max. 10 A (building installation)
Power consumption	300W including LED spot lights max. 30W
Lighting LED 7 W	42W

Essential door equipment

Fascia, non-standard height 200–1250 mm
Internal height non-standard 2200–3000 mm
Automatic drive
Control unit built-in behind the fascia above the inside entrance
Outer wall and door sections made from aluminium profiles
Glass outer wall maximum glass thickness of 18 mm
Glass rotating part maximum glass thickness of 14 mm
Ceiling made from aluminium panels
Dust protection roof made from white laminated panels
Flush mount emergency stop button
Independent certification to EN16005:2012

Accessories and options

Powder-coated finish (RAL colours), anodized or stainless steel cladding
Night Closing Doors (NCD) internal or external
Burglar resistance class 2 or 3 according to EN1627:2011
Mechanical espagnolette lock on door leaf rotating part with or without locked indication
Finished floor installation or installation on stainless steel ground ring
Various finishes for ceiling and dust cover
Various finishes for Water-resistant cover
Lighting LED with control
Insulated fascia
Electric or water heated Air curtain horizontal integrated in the canopy or external vertical side mounted



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!