



BOON EDAM  
YOUR **ENTRY** EXPERTS.



## CIRCLESLIDE.

CURVED SLIDING DOOR LOBBY FOR DISABLED ACCESS AND EMERGENCY ESCAPE



## CLICKABLE.

Make the most of your experience within this brochure, and hover your mouse over words and pictures to get deeper insights and inspiration. (pdf version only)

## OVERVIEW

For those who appreciate the sophisticated, stylish look of a revolving door but require a more versatile entry in limited space, the Circleslide curved automatic sliding doors offer the ideal solution. In addition to providing excellent disabled access, they are well-suited for use as an emergency escape route and can be equipped to support smoke venting strategies.

The self-learning technology integrated into the curved sliding door mechanism guarantees not only extremely quiet and smooth movement, but also outstanding reliability and safety.

## FLEXIBLE AND USER-FRIENDLY

The Circleslide curved sliding door, with its integrated and precise presence sensor, ensures user safety without special training. Its intuitive design makes it ideal for dynamic public spaces like hospitals or airports.

Its substantial internal area provides a sense of space and comfort, especially for users transporting large items such as prams or delivery carts.

The Circleslide's automatic nature supports a touchless entrance, an increasingly important feature for public entrances. Our state-of-the-art, invisible drive mechanism ensures reliable and quiet use all year round.

## SAFETY AND SECURITY

The Circleslide is a secure and safe entry solution. It meets rigorous safety regulations and incorporates safety sensors in the ceiling to detect users and objects, avoiding any impact. The door's behaviour can be customised to meet your building's specific needs, accommodating various user groups, including trained individuals and those with special needs like children and the elderly.

### We offer the following additional safety measures:

- Motion and Presence Sensor
- Stop and Reversing Protection
- Emergency stop and / or open buttons
- Emergency Power Supply
- Accessibility buttons
- Contrasting stickers with safety icons on the door wings and curved walls.
- Sensors with laser technology

The front entrance to an office, residential, or public building often requires controlled closure, particularly outside of regular operating hours. The Circleslide can support your facility's access strategy with features that enhance operational control and restrict unauthorised use when needed. Night locking and burglary-resistant options are available to help safeguard the building when unattended, while maintaining smooth access during daytime operation.

### We offer the following additional security measures:

- RC3 Burglar protection package
- Automated locking
- Access control option

## ESCAPE ROUTE

The Circleslide can be used as an escape route in case of emergency. Both door sets are equipped with an emergency power supply to maintain necessary operation in case of a power failure. If the door has been connected to an alarm, the door sets will open automatically to create a barrier-free passage. Please note that the minimum passage widths are subject to local regulations and building specifications.

## ACCESSIBILITY

The Circleslide's curved sliding doors offer new levels of accessibility, catering to the needs of people living with disability. The design provides a larger opening than traditional sliding doors while retaining the elegant shape of revolving doors, offering a major advantage for people requiring mobility aid.

## CAPACITY AND FLOW MANAGEMENT

The Circleslide adapts to different traffic situations with two door operation modes. In the interlocking mode, the doors function sequentially: as a person approaches, the first curved sliding door opens. Once inside the intermediate space, that door closes before the second opens, creating a smooth and controlled transition. During busy periods, both doors can open at the same time to accommodate higher capacity and maintain continuous flow.

## KEY FEATURES

- Two sets of sliding doors
- Automatic operation
- Large selection of dimensions
- Interlocking mode

## KEY BENEFITS

- Wide access in limited space
- Relatively small footprint
- Smooth and quiet movement
- Small draft lobby to reduce air loss
- Good ROI
- Highly customisable

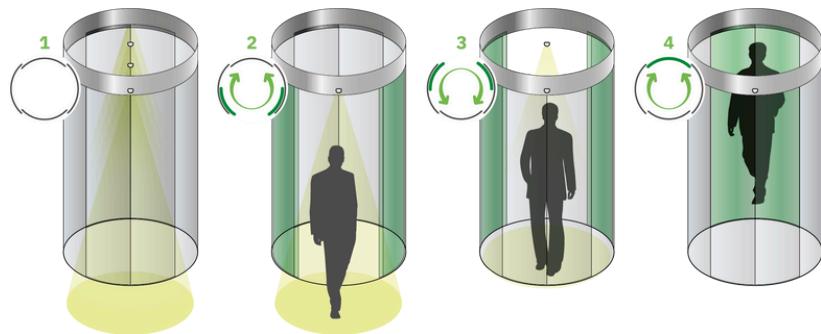
## SUGGESTED SEGMENTS

- Corporate
- Governmental
- Retail
- Restaurants and hospitality
- Airports
- Hospitals
- Hotels

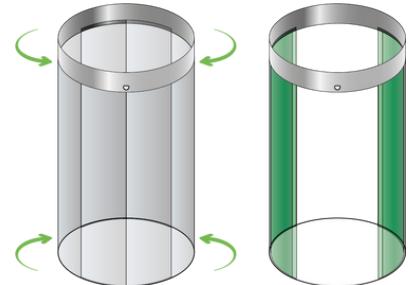




#### WORKING PRINCIPLE - SLIDING (INTERLOCKING) MODE



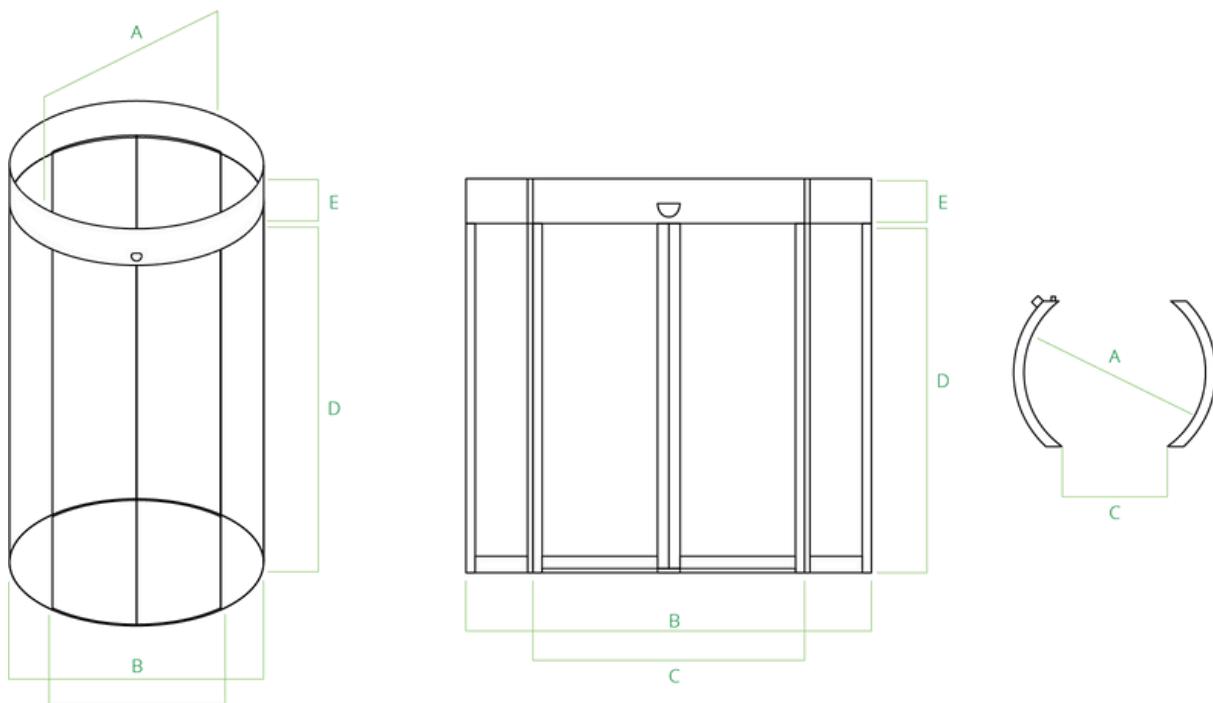
#### WORKING PRINCIPLE - ONE DOOR SET (PERMANENTLY OPEN MODE)



## DIMENSIONS

From door diameter to height and various physical measurements, we fine-tune every detail to create your desired look that complements the surrounding

building elements and location. Achieve a fluid and harmonious aesthetic that is uniquely yours.



<b>A</b> Internal Diameter (mm)	No. of Door Wings	Max Persons per Segment	Theoretical Capacity / Minute*	User Type	Escape Route**	<b>B</b> Installation Width (mm)	<b>C</b> Throat Opening (mm)	<b>D</b> Height Under Canopy (mm)	<b>E</b> Canopy Height (mm)
1800	2x2	3	10	●		1877	1029	2200-2600	300-600
2000	2x2	4	11	●	●	2077	1172	2200-2600	300-600
2200	2x2	5	12	●	●	2277	1314	2200-2600	300-600
2400	2x2	6	19	●	●	2477	1457	2200-2600	300-600
2600	2x2	7	20	●	●	2677	1599	2200-2600	300-600
2800	2x2	8	21	●	●	2877	1741	2200-2600	300-600
3000	2x2	9	21	●	●	3077	1883	2200-2600	300-600
3200	2x2	10	22	●	●	3277	1343	2200-2600	300-600
3400	2x2	12	27	●	●	3477	1443	2200-2600	300-600
3600	2x2	13	27	●	●	3677	1543	2200-2600	300-600
3800	2x2	15	28	●	●	3877	1643	2200-2600	300-600

\* Capacity figures are theoretical and based on interlocking mode and the max. number of persons per segment in a continuous flow.

\*\* Requirements are subject to local regulations.

## SO MUCH MORE

The Circleslide offers many ways to be fine-tuned to ideally fit your project. The above table is merely an overview of what is possible with this curved sliding

door. Please speak to your entry expert to find out more about putting your stamp on your Circleslide.



# Option SELECTOR

The design of a building's entrance is crucial in creating a memorable first impression. At Boon Edam, we collaborate with architects and contractors to help them make optimal choices that align with each project's unique specifications. With the Circleslide revolving door, you can customise your entrance to fit your specific goals.

You

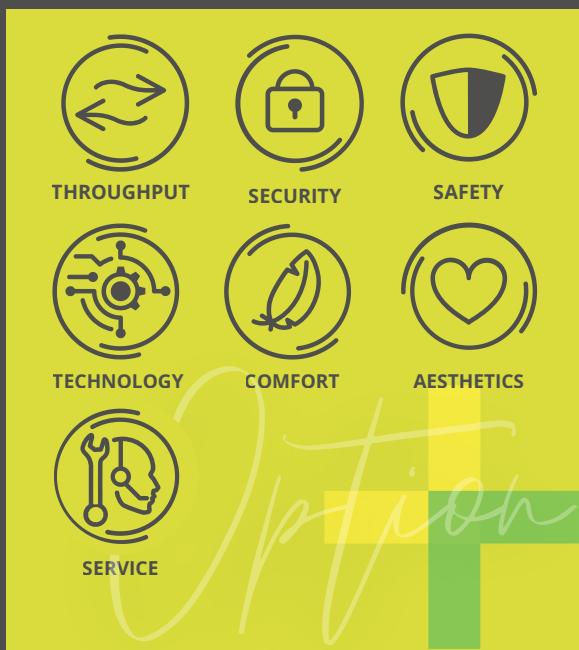
## PUT YOUR STAMP ON IT

The Circleslide offers a range of finishes and colour options to suit your preferences. From powder-coated aluminium in various colours to wooden finishes for a classic retro look or stainless steel and mirror finishes for a modern or futuristic appearance, there are choices to reflect your style.

Our standard specified products come in different heights, widths, canopy heights, and clear passage heights, providing flexibility to meet diverse design, safety and security needs. If your requirements extend beyond the available options, our experienced sales managers and engineers will collaborate with you to create a safe and sustainable entrance just for you.

**NOTE:** Several option combinations can impact the throughput capabilities and integration with the building's structure. Therefore, we recommend that you discuss your needs with a Boon Edam entry expert.

You can select options in any of these areas:



### THROUGHPUT

- Diameter (mm)



### SAFETY

- Fire alarm connection
- Emergency open button
- Contrasting stickers on curved walls
- Extra safety sensors



### AESTHETICS

- Material / finish (stainless steel, brass or aluminium)
- Canopy height (mm)
- Height under canopy (mm)
- Coating / surface treatment (powder coating, Analok or anodised)
- Glass decals and / or branding
- Glass type
- Canopy cover finish
- Position (mid-post / interior / exterior)



### SECURITY

- Automated doorset locking
- Burglar-resistance package (RC3)
- Night-locking, with remote access control
- Access control option
- Glass protection sheet
- Security glass options (P2A or P5A)



### TECHNOLOGY

- External control panel



### COMFORT

- LED lights
- Air curtain
- Floor mat
- Matwell trim
- Watertight prepared cover (exterior)



### SERVICE AND MAINTENANCE

- Service agreements and maintenance
- Technical support and parts
- Retrofit and upgrades to existing revolving doors
- Operational training



## SERVICE AND MAINTENANCE

With millions of visitors passing through an entry every day, continued and reliable operation is vital. Regular service and maintenance can prevent unexpected hardware breakdowns. Our service and maintenance teams across the world are experienced in the effects the local conditions have on the wear and tear of your entry solutions and can offer specialised service and maintenance contracts that correspond to those conditions perfectly.

We continuously invest in our in-house technicians and engineers by employing our own fully trained and dedicated service maintenance experts. This ensures that you receive the best possible service, with minimal product downtimes and a maintained high-quality entrance investment.

## RETROFITS AND UPGRADES

While we are fully confident in the longevity of all our products, we also understand that your own wants and needs can change over time. Between newer technologies, the need to adhere to new rules and regulations, or even just to give your building a new lease of life, we understand that it's important to have the flexibility and resources available to ensure your building's entrances always meet not only your needs but your staff and visitors needs too.

That is why we are proud to offer a range of upgrade and retrofit services designed to keep your entrance up to date and equipped to tackle the everyday.

## COMPLIANCE

Boon Edam entrances are trusted solutions that allow organisations to meet compliance regulations related to access to areas within a building. We take compliance and safety very seriously and ensure that our products are manufactured, installed and maintained to keep up with the strict criteria required in all our countries. We are always improving and committed to making sure our products are compliant and certified.

**The Circleslide complies with the following European standards:**

- Machine Directive 2006/42/EC
- EMC Directive 2014/30/EC
- RoHS Directive 2011/65/EU
- EN1627 – Burglar-resistant package
- EN356 – Glass specification
- EN16005 - Safety in use for power pedestrian doors



# OUR REACH IS GLOBAL.

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We have been in business for over 150 years manufacturing premium aesthetic and security entrance solutions in the Netherlands, United States of America and China. We can confidently say that we cover every corner of the globe with subsidiary companies in major cities across the globe. Furthermore our global export division not only partner with our distributors, but also offer direct sales and service to every territory. This wide net allows us to have a strong global footprint as well as a personal grasp of local markets and their unique entry requirements.

To find your closest Boon Edam expert, please go to:  
[www.boonedam.com/en-gb/contact](http://www.boonedam.com/en-gb/contact)



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