

Description

Tormax Classic Small Revolving Door System - Fully Automatic Operation. Non Fire Rated



Product Summary

Revolving door system for doors from 1.8m and up to 4.0m in diameter and with fully automatic operation. Non fire rated

Certification		BIM Assist™	
European Norm	EN16005: 2012	CE	
Product Classification	Complies / exceeds the design guidelines as depicted		
EC Certificate of Conformity No.	n/a (No Harmonised European Norm)	BC(A)R Assist™*	
Certifire No.	n/a	Guarantee	10 Years Mechanical
Declaration of Performance	T1332	Last Reviewed	09/03/2020
Other Test Evidence	n/a	* ROI Only	

Description

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Features

- Revolving door system for non fire rated doors from 1.8m and up to 4.0m in diameter
- Fully automatic (door is completely controlled by sensors)
- Optional servo automatic operation, where the door automation responds to light pressure, finger or other, being applied to the door and a fully manual variant
- Suitable for up to 2,000 persons per hour
- Three or four winged versions available
- Break-out and escape route option
- Integrated air curtain option
- Automatic drive can be fully concealed in the roof structure or the floor
- Night closure with mechanical locks

Technical Characteristics



- Profile:
 - 56mm x 56mm aluminium edge, 73mm at the top and 105mm at the bottom of the curved enclosure wall
 - Finishes:
 - Aluminium: Powder coated in standard RAL colours
 - Aluminium: Anodised
 - Stainless steel: Satin, Polished
 - Other finishes available upon request
- Drive: Tormax 5201
 - For 3 or 4 leaved revolving doors with a diameter from 1.8m to 4.0m
 - Extremely shallow crown compartment as the built-in height is only 140 mm

Door Diameter 1.8m - 2.9m

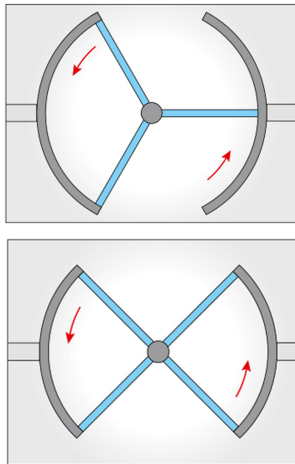
- Use: Single person or person with baggage
- Capacity** - persons per hour: 800 to 1400
- Passage height: 2.1m - 3.0m*
- Cornice height: From 250mm

Door Diameter 2.9m - 4.0m

- Use: Up to three people & wheelchair user
- Capacity** - persons per hour: 1,200 to 2,000
- Passage height: 2.1m - 3.0m*
- Cornice height: From 250mm

** The maximum passage height depends on the diameter, with/without break-out and the exposure to wind that the door will be exposed to*

*** Approximate capacity in single direction*



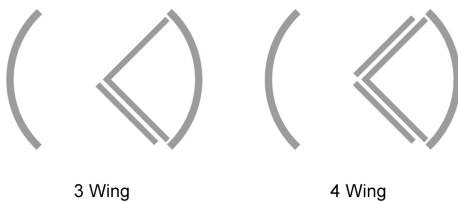
3 or 4 Wing Revolving Doors Options

- 3-wing: Highly suitable for hotels, as the segments are larger than 4-wing doors, providing a larger comfort zone for luggage / large items. The passage width is narrower
- 4-wing: Suitable for all buildings with a large flow of persons. Depending on the diameter, up to 30 percent more can pass through the door per hour. The wider passage allows a two-way traffic to flow much more effectively



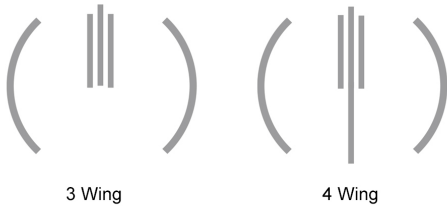
Optional Air Curtain

- An air curtain, installed directly in the roof structure of the door, enhances the climatic advantages of the revolving door. The heating is provided via the building's heating system
- Required a cornice height of 350mm minimum



Break-out & Wind Break Option

- All TORMAX revolving door systems are optionally available with wings that can swivel out in any position (break-out). That means even bulky goods can conveniently be transported through the entrance.
- The mechanical emergency opening system (break-out) opens the door wing upon reaching the individually specified force and stops the rotational movement automatically. The door wings can be moved permanently into the open position; the resetting is manual. In situations involving strong wind, the installation of a wind brake is recommended. This is activated via a key-operated switch or a wind measuring system and prevents the doors wings from responding

**Escape Route**

- 3 and 4-wing versions with optional break-out fittings are suitable for escape and rescue routes

**Standards**

- This product meets / surpasses the following:
- EN 16005: The European standard EN 16005 sets out the design requirements and testing methods used to ensure the safe use of automatic doors
- EN 60335-1: Household and similar electrical appliances. Safety. General requirements
- EN 61000-6-2: Electromagnetic compatibility (EMC)
- EN 61000-6-3: Electromagnetic compatibility (EMC)

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**Specification Text****DOOR AUTOMATION**

- Manufacturer: Tormax
- Product reference: KAD-T/5251CL
- Type: Classic Small Revolving Door System - Fully Automatic Operation
- Revolving door system for non fire rated doors
- Fully automatic operation, where the door is controlled by sensors
- Door diameter from 1.8m and up to 4.0m in diameter [SPECIFY]
- Passage height up to 2.1m - 3.0m [SPECIFY]
- Cornice height: From 250mm [SPECIFY]
- Suitable for up to 2,000 persons per hour
- Three or four winged versions available [SPECIFY]
- Break-out and escape route option [SPECIFY]
- Integrated air curtain option [SPECIFY]
- Automatic drive system can be concealed in the roof structure or the floor [SPECIFY]
- Night closure with mechanical locks
- Profile Finish: [SPECIFY] Aluminium: Powder coated in standard RAL colours, Aluminium: Anodised, Stainless steel: Satin, Polished