

**Description**

Tormax Light Frame Revolving Door System - Fully Automatic Operation. Non Fire Rated



**Product Summary**

Light frame revolving door system for doors from 1.8m and up to 3.0m in diameter and with fully automatic operation. Non fire rated

**Certification**

European Norm	EN16005: 2012
Product Classification	Complies / exceeds the design guidelines as depicted
EC Certificate of Conformity No.	n/a (No Harmonised European Norm)
Certifire No.	n/a
Declaration of Performance	T1332
Other Test Evidence	n/a

**BIM Assist™**

**CE**

**BC(A)R Assist™\***

**Guarantee**

**10 Years Mechanical**

Last Reviewed

09/03/2020

\* ROI Only

For the purpose of continual product development, KCC reserves the right to change specifications without notice. Please accept all dimensions as approximate. E&OE. © KCC Group 2025.

**Description**

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**Features**

- Revolving door system for non fire rated doors from 1.8m and up to 3.0m in diameter
- Superior aesthetics:
  - Slender framing profile that provides a delicate appearance on a strong structure
  - Internal edges of the wings and not framed by profile and are installed without a centre column
  - Canopy compartment of 40mm in depth (45mm with night closure doors)
- 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 1,400 persons per hour
- Three or four winged versions available
- Break-out and escape route option
- Self-standing air curtain option
- Automatic drive invisible in the floor
- Night closure with mechanical locks

Technical Characteristics



- Profile:
  - 40mm x 20mm (door wings) and 40mm x 30mm (curved enclosure walls)
  - 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 3.0m
  - Extremely shallow crown compartment as the built-in height is only 140 mm

Door Diameter 1.8m - 2.7m

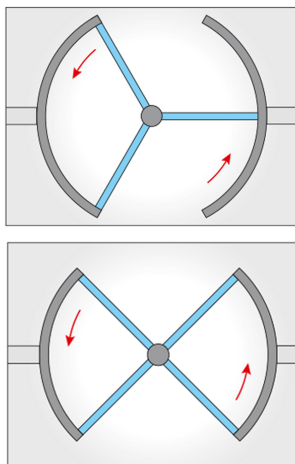
- Use: Single person & person with baggage
- Capacity\*\* - persons per hour: 800 to 1,300
- Passage height: 2.1m - 3.0m\*
- Cornice height: From 40mm

Door Diameter 2.7m - 3.0m

- Use: Up to three people & wheelchair user
- Capacity\*\* - persons per hour: 1,200 to 1,400
- Passage height: 2.1m - 3.0m\*
- Cornice height: From 40mm

\* 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



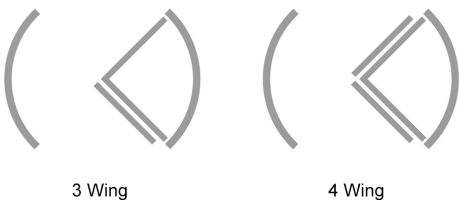
3 or 4 Wing Revolving Doors Options

- 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



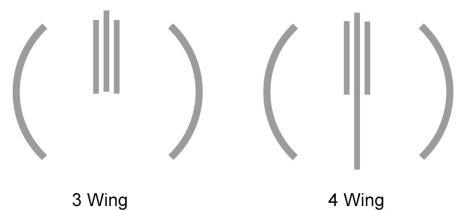
**Optional Air Curtain**

- 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/5251LF
- Type: Light Frame Revolving Door System - Fully Automatic Operation
- Revolving light frame door system for non fire rated doors
- Fully automatic operation, where the door is controlled by sensors
- Door diameter from 2.7m and up to 3.6m in diameter [SPECIFY]
- Passage height up to 3.0m [SPECIFY]
- Cornice height: From 40mm [SPECIFY]
- Suitable for up to 2,000 persons per hour
- Three or four winged versions available [SPECIFY]
- Break-out and escape route option [SPECIFY]
- Self-standing air curtain option [SPECIFY]
- Drive invisible in the floor
- Night closure with mechanical locks
- Profile Finish: [SPECIFY] Aluminium: Powder coated in standard RAL colours, Aluminium: Anodised, Stainless steel: Satin, Polished