

dormakaba all-glass revolving doors

KTV ATRIUM FLEX

The impressive design solution for your entrance



- 3- or 4-leaf turnstile designs
- Particularly high and large dimensions possible.
- Side walls and ceiling construction made of special laminated safety glass
- Simple planning and installation, no preparation for underfloor drive required
- Gearless, low-wear direct drive system for high availability and reliability
- **Design highlight:** innovative LED light ring provides uniform and safe lighting
- Different operating modes available from one drive system, from manual to power-assisted to fully automatic
- Tested and certified for **2 million cycles** durability
- Independent usability report facilitates the **type-specific approval** of the installation

The demands on both technology and design are particularly high for the entrances to buildings, as the entrance is the first point of contact and impresses the visitors of a building. The KTV ATRIUM FLEX all-glass revolving door offers modern drive technology in an extremely elegant form.

Especially in highly frequented buildings, in addition to safe and comfortable access minimising energy consumption and noise protection are a significant consideration. A revolving door is therefore the

obvious choice because it protects the building interior from draughts, noise and dirt. Due to the effective separation of interior and exterior areas, revolving doors also contribute to energy savings.

The KTV ATRIUM FLEX all-glass revolving door also impresses with its transparent and elegant design. The modern drive system KT FLEX Direct installed in the ceiling enables individual and needs-based solutions and, together with the light ring, represents an incomparable design feature.

KTV ATRIUM FLEX revolving doors are available with internal diameters from 2,000 mm to **3,000 mm**. Regardless of the diameter, particularly impressive passage heights of up to **4,000 mm** can be achieved. Their exceptional performance and high reliability are further impressive features of the KTV ATRIUM FLEX.



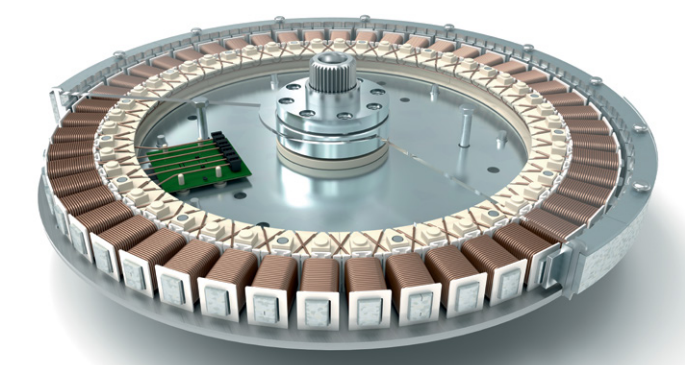
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KTV ATRIUM FLEX

Direct drive KT FLEX Direct

The new electromagnetic direct drive system minimises tolerances and wear, and the door leaves can be moved and positioned very precisely.

The gearless power transmission is based on magnetic technology - tested to 2 million cycles.



Thanks to the new drive technology, it is possible for the first time to combine the elegance of a slim all-glass revolving door construction with a drive system concealed in the ceiling - even in a fully automatic version.

An innovation for all-glass revolving doors is the LED lighting ring that elegantly highlights the drive and simultaneously provides constant flicker-free illumination of the interior.

Operating modes dormakaba direct drive

M – Manuell

Manual operation of the door. KT FLEX Direct acts as an adjustable speed limiter.

P – Positioning automatic

Manual operation of the door. After the door has been walked through, the door leaves automatically move to the home position.

S – Servomatic

Motion detectors automatically start the rotation at slow speed. Acceleration to walking speed is done manually. Finally, the door leaves move automatically to the home position.

A – Automatic

Motion detectors automatically start the rotation at walking speed. Afterwards the door leaves move automatically to the home position.

Basic technical data

Dimensions

Inside diameter	2,000 – 3,000 mm
Outside diameter	inside diameter + 98 mm (coated), +102 mm (stainless steel surfaces)
Clear passage height	2,100 – 4,000 mm
Total height	clear passage height + 84 mm (coated), + 86 mm (stainless steel surfaces)

Further technical information and data can be found in the KTV ATRIUM FLEX technical brochure, available for download at www.dormakaba.com.

Any questions? We will be happy to assist you.

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