

# KTV SECURE

Low Energy.  
High Security.





## Modern revolving doors provide comprehensive safety and various benefits: KTV Secure.

### 1. KTV revolving doors – always more benefits.

KTV revolving door systems are perfectly suitable for installation in entrance areas where environment control coupled with elegant aesthetics are desired. Either Manual, Automatic or with Servo Assist operator – each of the numerous versions combines clear benefits as these systems help to reduce energy costs and act as comfortable climate barriers. Real hair brushes all round the door wings help to reduce heating costs and keep noise, dirt and dust outside the building – and offer protection against draughts.

### 2. Access control systems for improved security

The KTV Secure provides an access control system for entry, exit or both. The access authorisation is checked upon 'entry' and 'exit' and may be activated by any access control device from card swipe or keypad to fingerprint scanners. So only authorised users may enter the monitored areas, which is of particular importance inside banks, public authorities and companies with security zones.

### 3. Low energy motor drive

The DORMA KTV Secure is equipped with a low energy motor drive system which uses less than one third of the energy used by fully automatic revolving door operators. The secure functionality is achieved with presence sensors mounted within the ceiling and requires minimum safety devices for full BS7036 compliance. This makes the system cost effective as a complete solution and allows the possibility of upgrading existing DORMA or non-DORMA revolving doors to Secure functionality at reduced costs.

### 4. Convincing technology for reliable access control

One particular benefit of KTV Secure lies in the possibility of remote monitoring via an optional GSM module. Each door is issued its own IP address and can be observed and activated by mobile radio from any location. In the event of malfunctions, this can save both time and money, as the initial fault analysis can be performed externally in advance.

Its prestigious design sets a standard – KTV Secure with glass ceiling and floor-integrated drive unit.



# KTV Secure – this contemporary revolving door is a flexible and complete system.

Modern and versatile thanks to its various functions.

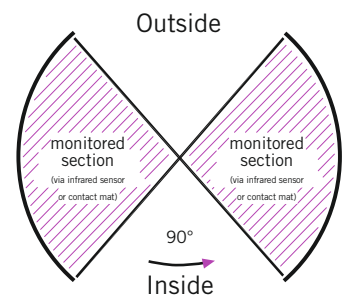
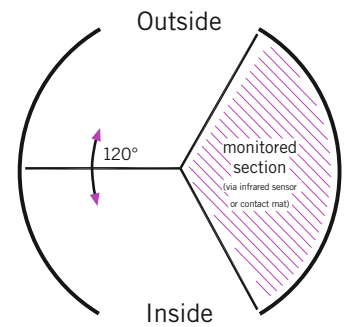
The DORMA KTV Secure is excelled by its high flexibility. It is available as a 3 or 4 wing version. Each of these versions provides special features such as the possibility to achieve clear passage heights of up to 4,000 mm. The KTV Secure also offers various functions,

ranging from any form of access control system, activated from the entry or exit side to a Shock-Stop function. All in all the KTV Secure is a complete and customisable system: It provides designers with a variety of choices, is produced for ease of installation and maintenance and offers users the benefit of uninterrupted traffic flow.

## DORMA KTV: data and characteristic features

Internal diameter, 3 or 4 wing design	1,600 to 3,800 mm, all intermediate dimensions possible depending on the door version
External diameter, 3 or 4 wing design	Internal diameter + max. 96 mm without night shield
Clear passage height 3 or 4 wing design	2,100 to 4,000 mm*
Canopy height 3 or 4 wing design	17.5 to 700 mm*
Total height, 3 or 4 wing design	Clear passage height + canopy height

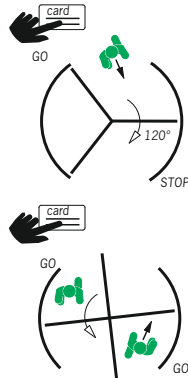
\*Subject to diameter and door version



## General functions of KTV Secure in 3-wing and 4-wing design

### Access control on Entry and Exit

The KTV Secure is a revolving door with access control possibilities from both sides. The system is activated via devices such as a card reader, keypad or fingerprint reader by users with access authorisation. Depending on the door version, the system may rotate in one or both directions and stop and lock in position with the aid of the ShockStop gear coupling until a new pulse is triggered.



### Servomatic/S (optional)

The door system is activated via radar motion detector and operated manually while the rotation of the door is support-

ed via motor power. The doors automatically rotate to the locking position after manual use.

### Remote ShockStop-Function (optional)

Thanks to the gear coupling, the turnstile of the revolving door system may stop and lock in any position upon activation of a switch mounted either at the door or at a remote location.

### Electromechanical bolt locking device (optional)

This device is designed to lock the revolving door system

electromechanically, for example during weekends. This system is also operable in the event of a power failure as long as an emergency power supply unit is installed.

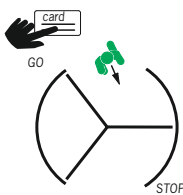
### Uninterruptible power supply (optional)

Whenever the door system detects a power failure it locks in its starting position with the aid of the Shock-Stop gear coupling and electromechanically via the bolt locking device. The door system will resume its standard function as soon as the power supply is available.

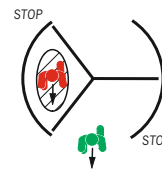
### Characteristic features of KTV Secure in 3-wing design

- Sequential operation thus rotating in both directions
- One monitored section
- Only users whose access authorisation has been checked may pass the door system.

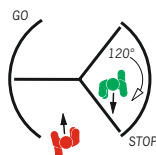
#### Function:



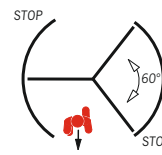
Authorised users may pass the door system automatically.



In this case the door system will reverse



The sensor will recognise any user who is not authorised to enter the monitored area.

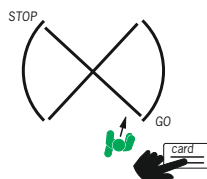


and the unauthorised user has to leave the building.

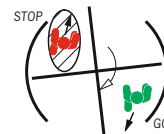
### Characteristic features of KTV Secure in 4-wing design

- Continuous operation in one direction – anticlockwise
- Two monitored sections
- This version may cope with a large number of users and is therefore especially suitable for heavily frequented buildings.

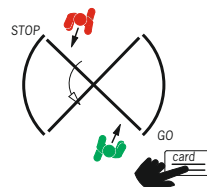
#### Function:



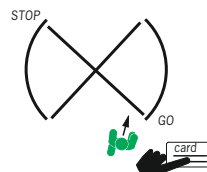
If one or two person/s get/s an access authorisation, they may pass the door system.



In this case the door stops and both users have to leave the door system.



The door system will recognise any unauthorised access (for example from the inside) while an authorised person is passing the door system.



The authorised user has to perform the authorisation procedure anew in order to pass the door system.



**Card reader**

Designed to read identification cards or transponders keys (contactless) Reading procedure: EM 4102, EM 4150, HITAG 1, HITAG 2, LEGIC, MIFARE. Colours: White, anthracite, silver.

**Key reader**

Designed to read electronically encoded CODIC CC-keys. Colours: White, anthracite, silver.



**Keypad/Keypad reader**

Access via an access code or PIN and/or contactless reading of identification cards or transponder keys. Reading procedure of keypad: 4- to 6-digit PIN code. Reading procedure of keypad reader: EM 4102, EM 4150, HITAG 1, HITAG 2. Colours: White, anthracite, silver.

**MasterCard keypad reader**

Apart from the functions of the keypad reader, this reading device is also capable of programming the MasterCard. Reading procedure: EM 4102, EM 4150, HITAG 1, HITAG 2. Colours: White, anthracite, silver.

**Fingerprint reader and fingerprint reader with data comparison**

This system performs a thermal scan of the finger and compares it with the data of the fingerprint that is stored on a card. Colours: White, anthracite, silver.



**Access authorisation via keypad**



**Authorisation via keypad and MasterCard**



**Access cards, transponder keys and wristwatches by Junghans with integrated transponder chip**

**DORMA design column**

Dimensions (WxHxD)	Base section: 229 x 10 x 155 mm Column: 142 x 1,400 x 75 mm
Weight	10.78 kg
Material	Powder-coated aluminium
Colour	Pure white, anthracite, silver.
Class of protection	IP 44, when the lids are closed
Connections for screw terminals	1 x 4 mm <sup>2</sup> or 2 x 2.5 mm <sup>2</sup>



## KTV Secure – an intelligent combination of elegance and safety For almost every building with a security zone.

### Suitable access systems for all requirements.

When buying a KTV Secure revolving door system you get a convincing and complete door system, which is activated via reading devices such as cards, fingerprints or key switches. We would especially recommend equipping the system with

one of the various accessories out of the DORMA Security (STA) product range. A decision in favour of reliable function and for a large range of access control systems that meet individual user requirements. You may, however, certainly install accessories from other suppliers.

### A suitable combination for almost any kind of building.

No matter if banks, government agencies, legal authorities, airports, broadcasting stations or data processing centres, KTV Secure in combination with products from DORMA's Security (STA) range provide convincing security packages for almost

any kind of building with security zones and the prevailing individual requirements.



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