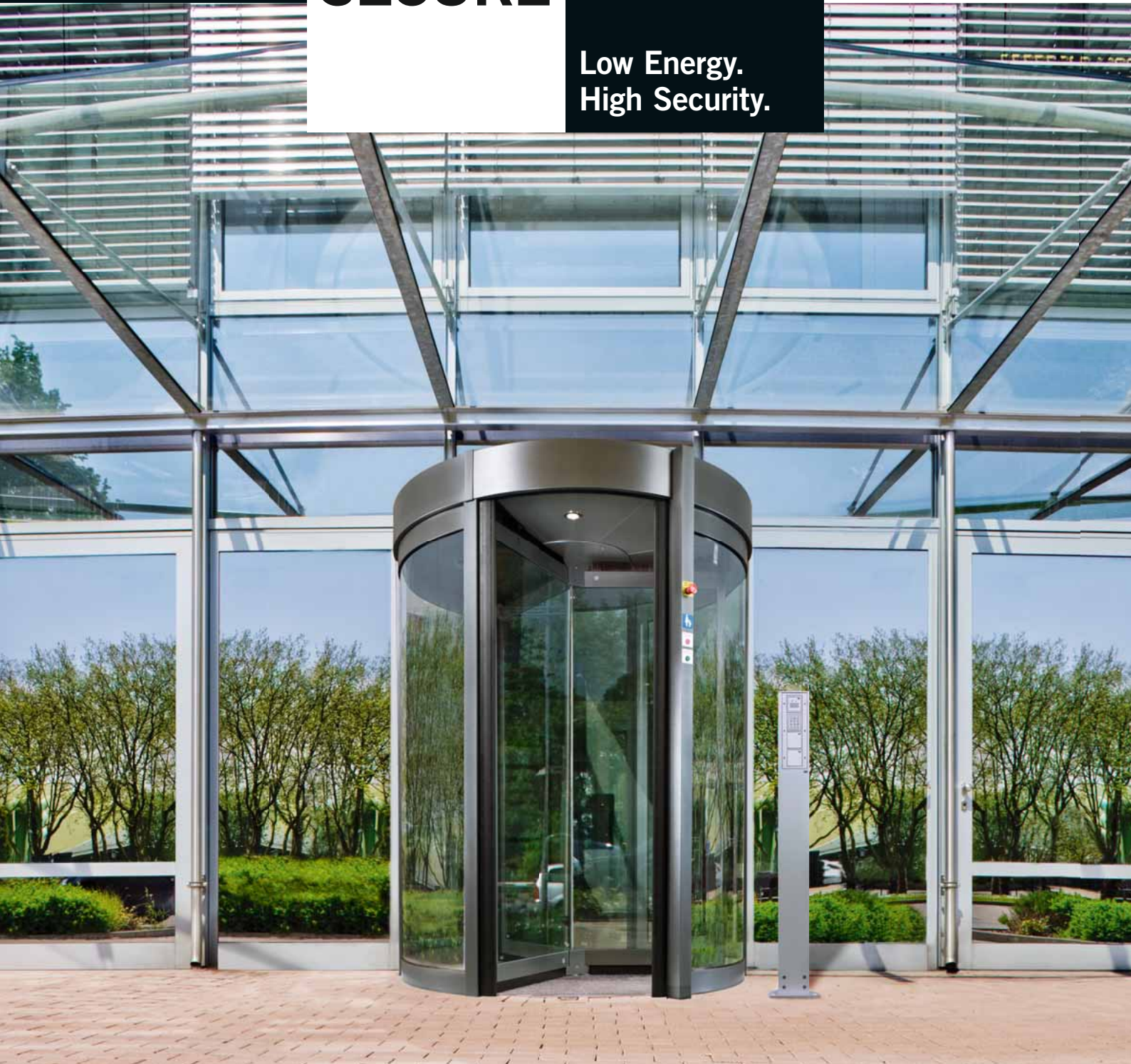


KTV SECURE

Low Energy.
High Security.





KTV Secure with metal ceiling.

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.

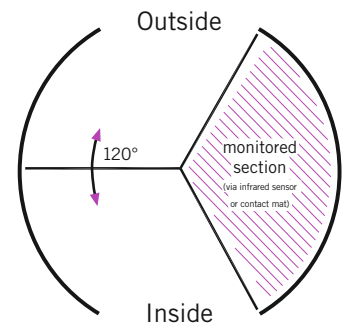
DORMA KTV: data and characteristic features

| | |
|---|---|
| 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 |

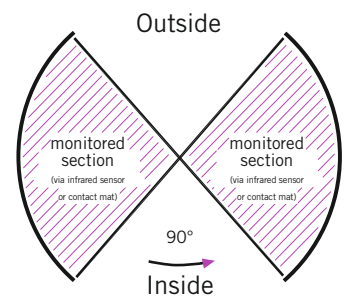
*Subject to diameter and door version



3-wing KTV



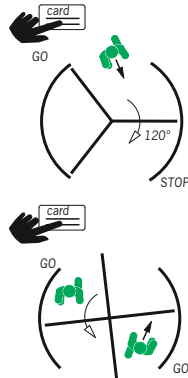
4-wing KTV



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.

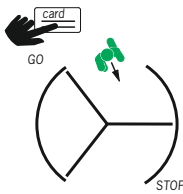
Uninterruptible power supply (optional)

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.

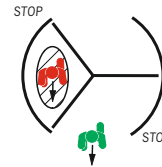
Characteristic features of KTV Secure in 3-wing design

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

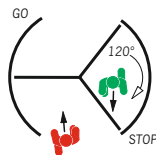
Function:



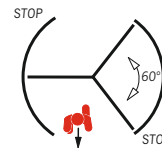
Authorised users may pass the door system automatically.



In this case the door system will reverse



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

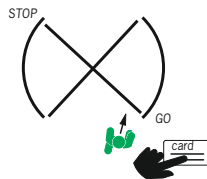


and the unauthorised user has to leave the building.

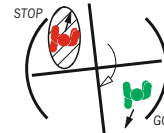
Characteristic features of KTV Secure in 4-wing design

- 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.

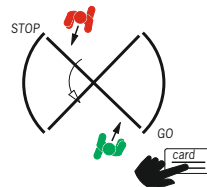
Function:



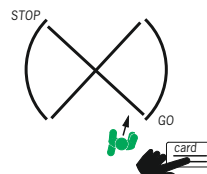
If one or two person/s get/s an access authorisation, they may pass the door system.



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 ² or 2 x 2.5 mm ² |



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.



DORMA GmbH + Co. KG
DORMA Platz 1
D-58256 Ennepetal
Phone +49 2333 793-0
Fax +49 2333 793-495
www.dorma.com

Division Automatic worldwide

Region Australasia

Australia
DORMA Automatics Pty. Ltd.
Phone +61 3 97964111
www.dorma.com.au

New Zealand
DORMA Automatics Pty. Ltd.
Phone +61 3 97964111
www.dorma.com.au

Region Central Europe

Germany
DORMA Automatic
GmbH + Co. KG
Phone +49 2333 793-0
www.dorma.de

Netherlands
DORMA van Duin Nederland B.V.
Phone +31 488 418 100
www.dorma.nl

Belgium
DORMA foquin N.V./S.A.
Phone +32 50 312849
www.dorma.be

Luxembourg
Luxembourg Subsidiary Automatic
Phone +49 2333 793-216
www.dorma.de

Switzerland
DORMA Schweiz AG
Phone +41 71 8864646
www.dorma.ch

Region China

Hongkong
DORMA Door Controls Pte. Ltd.
Phone +852 25034632
www.dorma.com.sg

DORMA Door Controls
(Suzhou) Co. Ltd.
Phone +86 512 676 12481
www.dorma.com.sg

Region Emerging Markets

Poland
DORMA Polska Sp. z o.o.
Phone +48 22 736-59-00
www.dorma.pl

Russia
Representative Office in Russia
Phone +7 495 9811433
www.dorma.ru

Ukraine
DORMA Representation Ukraine
Phone +380 44 2443897
www.dorma.com

Bulgaria
DORMA Bulgaria
Phone +359 2 9714 904
www.dorma.com

Greece
DORMA Representation Greece
Phone +30 21 09944388
www.dorma.com

Turkey
DORMA Kapi Kontrolleri Ltd. Sti
Phone +90 216 3600056
www.dorma.com

India
DORMA Door Controls India
Phone +91 442 8585097
www.dorma.com

Israel
DORMA GmbH + Co. KG
Phone +49 2333 793-0
www.dorma.com

South Africa
DORMA Door Controls (Pty.) Ltd
Phone +27 11 8300280
www.dorma.com

Region Far East

Singapore
DORMA Far East Pte. Ltd.
Phone +65 62 68 76 33
www.dorma.com.sg

Taiwan
DORMA Door Controls Pte. Ltd.
Phone +886 2 9182987
www.dorma.com.sg

Malaysia
DORMA Emerald Entrance
Systems Pte Ltd
Phone +65 459 5733
www.dorma.com.sg

Indonesia
DORMA Emerald Entrance
Systems Pte Ltd
Phone +65 459 5733
www.dorma.com.sg

South Korea
DORMA Emerald Entrance
Systems Pte Ltd
Phone +65 459 5733
www.dorma.com.sg

Philippines
DORMA Door Controls Pte. Ltd.
Phone +632 893 40778
www.dorma.com.sg

Vietnam
DORMA Emerald Entrance
Systems Pte Ltd
Phone +65 459 5733
www.dorma.com.sg

Japan
DORMA Emerald Entrance
Systems Pte Ltd
Phone +65 459 5733
www.dorma.com.sg

Region France

France
DORMA Accueil S. A. S.
Phone +33 4 79348924
www.dorma.fr

Region Gulf

Kingdom of Saudi Arabia,
Bahrain, Kuwait, Egypt, Syria,
Jordan, Lebanon, Iran
DORMA ARABIA
Automatic Doors Ltd.
Phone +966 3 847 2394
www.dorma.com

United Arab Emirates,
Oman, Qatar
DORMA Middle East LLC
Dubai
Phone +971 4 347 7789
www.dorma.com

Region North America

USA
DORMA Automatics Inc.
Phone +1 301 390-3600
www.dorma-usa.com

Canada
DORMA Door Controls
Phone +1 905 6701281
www.dorma.com

Mexico
DORMA México, S. de R.L.
de C.V.
Phone +52 55 5272 6937
www.dorma.com

Region Scanbalt

Norway
DORMA Norge A/S
Phone +47 23 176800
www.dorma.no

Sweden
DORMA Sverige AB
Phone +46 31 289520
www.dorma.se

Denmark
DORMA Danmark A/S
Phone +45 44 543000
www.dorma.dk

Finland
DORMA Finland Oy
Phone +358 9 8789130
www.dorma.fi

Latvia
DORMA Finland Oy
Phone +358 9 8789130
www.dorma.fi

Estonia
DORMA Representation Estonia
Phone +372 6707064
www.dorma.com

Lithuania
DORMA Norge AS
Phone +47 23 176800
www.dorma.com

Region South America

Brazil
DORMA Sistemas de Controles
Phone +55 11 41913244
www.dorma.com.br

Argentina
DORMA Sistemas de
Controles para Portas Ltda
Phone +54 11 45051032
www.dorma.com

Region South-East Europe

Austria
DORMA AKS Automatic GmbH
Phone +43 6225 8636-0
www.dorma.at

Hungary
DORMA AKS Automatic GmbH
Phone +36 1 2065127
or 2058058
www.dorma.com

Czech Republic
DORMA dverni technika CR,
s.r.o.
Phone +420 2 671321-78
or -79
www.dorma.com

Slovakia
DORMA Slovensko spol. s.r.o.
Phone +421 2 50221 283
www.dorma.com

Croatia
DORMA Croatia d.o.o.
Phone +385 1 4606 944
www.dorma.com

Slovenia
DORMA Representation
Slovenia
Phone +386 2 5 30 20 10
www.dorma.com

Romania
DORMA ROMANIA S.R.L.
Phone +40 31 806 916 0
www.dorma.com

Region South Europe

Italy
DORMA Italiana S.r.l.
Phone +39 039 244031
www.dorma.it

Spain
DORMA Ibérica, S.A.
Phone +34 91 8757851
www.dorma.es

Portugal
DORMA Portugal para Portas,
Lda.
Phone +351 252 860 490
www.dorma.com

Region UK/Ireland

United Kingdom
DORMA UK Limited
Phone +44 1462 477600
www.dorma-uk.co.uk

Ireland
DORMA Ireland Limited
Phone +353 1 295 8280
www.dorma.ie



Door Control



Automatic



Glass Fittings and Accessories



Security/Time and Access Control (STA)



Movable Walls