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## GEZE revolving door systems

## Focal point of the entrance area

The entrance area is the face of the building and thus of the enterprise. Therefore it is imperative to validate the positive visual impression through the faultless function of the door system even in the case of high access frequency. GEZE revolving doors meet these requirements and enthral planners, but also owners and users of buildings alike. The virtually unlimited design freedom and the complete selection of materials and colours meet the highest architectural requirements. Revolving doors also offer good protection against draught as they are open and closed at the same time. By eliminating draught in the entrance area, the immediate environment can be used commercially with noise, dust and dirt being kept out. The clear spatial separation between the interior and exterior as well as the energy savings offer significant cost advantages and make the use of revolving doors even more advantageous.

The scope of use of revolving doors is manifold. They are suitable for:

- · Commercial buildings
- · Public buildings
- · Shopping centres
- · Hotels and restaurants
- · Administrative buildings
- · Car dealerships
- · Airports and railway stations

GEZE revolving doors are customised for each individual project. Various different options and versions are available. Please contact us if the variant you want differs from the dimensions and options mentioned. We offer a door for every entrance.



Tüyap Palace, Istanbul

## Advantages for all target groups

## Advantages for planners and builders:

- Design freedom and project specific customised planning with a range of options
- Commercial use of the entrance area for shops, offices, showrooms and a reception desk
- Harmonious visual appearance of the façade and interior
- Prestigious entrance with excellent visual effect
- Improvement of the building's energy balance
- Economical solution thanks to the high level of factory prefabrication

#### Advantages for users:

- Flawless and smooth operation of the door system even in the case of high access frequency.
- Easy setting of desired mode of operation
- Effective protection against noise, dust and dirt
- Protection against draught

#### Advantages for processors:

- Flexible modular system
- Easy installation thanks to the high level of factory prefabrication
- Predefined and programmed control technology for quick commissioning
- The door system and safety devices comply with the currently applicable standards and regulations



Latanya Otel, Ankara

## GEZE TSA 355 revolving door drive

## The versatile door drive

The TSA 355 model has a very wide range of applications and can be used universally. With a diameter ranging from 1800 mm to 4000 mm and a manual version or a fully automatic drive, exactly the right variant is always available. The doors can be made individually in any desired diameter and passage height. A versatile selection is also available in the surface and colour design. The door is available in 3- or 4-leaf versions and offers an additional night-time closer.

The door system has been tested and certified according to EN 16005.

Thanks to the variant with optionally available folding leaves (break-out), revolving doors are also suitable for use in escape and rescue routes, depending on building regulations and the required width of the escape route. The TSA 355 door system is the optimal solution in buildings with low as well as high public access frequency.



Hotel Hilton Garden Inn, Ankara

Standard features					
System	automatic				
Emergency stop switch	one for each entrance and exit				
Push pad	one for each entrance and exit				
Manual operation	possible as an option				
Radar movement detector	one for each entrance and exit				
Front post safety sensor	one for each entrance and exit				
Post safety	standard for each entrance				
Curved glasses	8 mm LSG				
Glass for leaves	8 mm LSG				
Locking	manual locking/automatic locking				
Roof	waterproof roof with waterspout				
Brushes	40 mm horse hair brushes				
Ceiling	12 segments made of 1.5 mm thick aluminium sheet				
Glass seal	EPDM				
Canopy	aluminium profile, canopy height 200 mm/300 mm possible (depending on diameter)				
Colour	natural anodised or RAL colours				
Illumination	4 x 10 W LED downlight				
Control panel	control panel with position switch				
Optional features					
Stainless steel cladding	•				
Gold coloured stainless steel cladding	•				
Entrance mat	•				
Door handle	•				
Coloured glass	•				
Passage height in various dimensions	•				
Canopy height in different dimensions	•				
Night-time closer	•				
Break-out leaves	•				
Manual locking + switch	•				
Waterproof roof for the exterior, with drain channel	•				
2 pcs. downlights extra	•				
20x30x2 mm stainless steel floor ring	•				
Hot-air curtain	•				
Control panel with touchscreen	•				



## Standard

- Error detection combined with flashing LEDs
- On/off switch for lighting
- Programme switch for change between modes of operation Automatic, Manual and Night



## Optional touch panel

- On/off switch for lighting
- · Modes for testing and error detection
- Setting speed control and waiting periods
- Setting for limiting the torque
- Settings for stop and start periods
- All revolving door settings can be made using this touch screen



Post safety



Front post safety sensor



Access for people with disabilities and for the elderly



Light curtain



Push pad

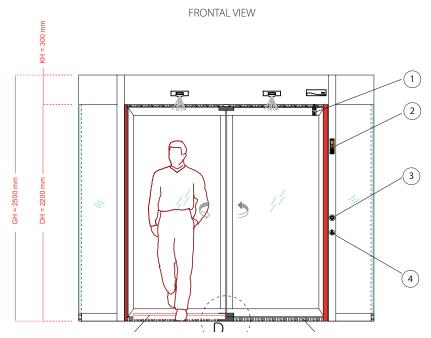


Heel protection



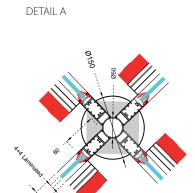
Emergency stop switch

## Technical data (4-leaf)

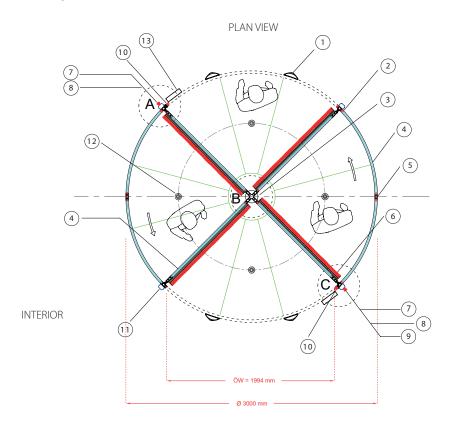


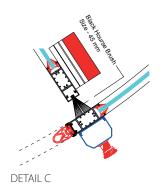
- 1 = Manual locking
- 2 = Control panel/programme switch
- 3 = Emergency stop switch
- 4 = Push pad
- 5 = Brush sealing
- 6 = Heel protection

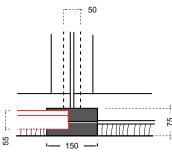
- GH = Total height
- DH = Passage height
- KH = Canopy height



DETAIL B



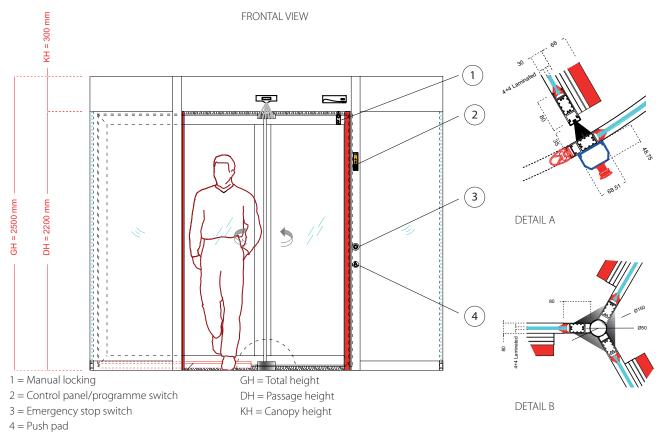


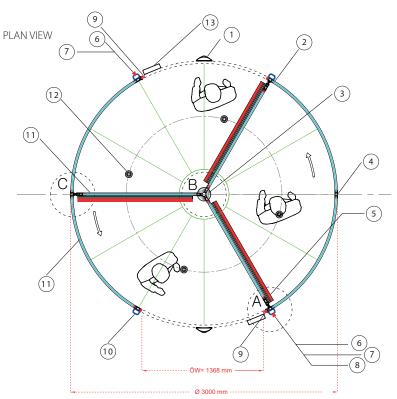


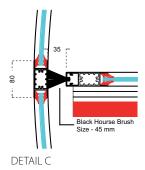
DETAIL D

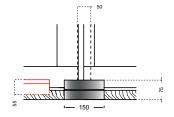
- 1 = Radar movement detector
- 2 = Glass sealing
- 3 = Central shaft
- 4 = 8 mm LSG
- 5 = 80x30 mm aluminium profile
- 6 = Heel protection
- 7 = Emergency stop switch
- 8 = Push pad
- 9 = Control panel/programme switch
- 10 = Post safety
- 11 = Post attachment profile
- 12 = 10 W LED
- 13 = Front post safety sensor
- $\ddot{\text{OW}} = \text{Opening width}$

## Technical data (3-leaf)







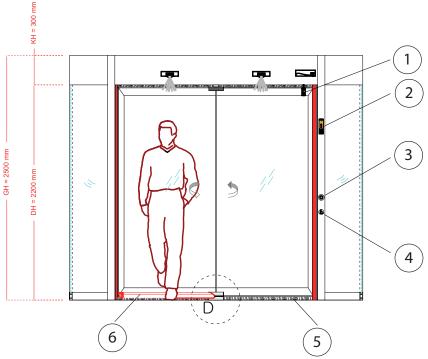


DETAIL D

- 1 = Radar movement detector
- 2 = Glass sealing
- 3 = Central shaft
- 4 = 80x30 mm aluminium profile
- 5 = Heel protection
- 6 = Emergency stop switch
- 7 = Push pad

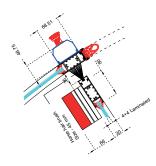
- 8 = Control panel
- 9 = Post safety
- 10 = Post attachment profile
- 11 = 10 mm LSG
- 12 = 10 W LED
- 13 = Front post safety sensor
- $\ddot{O}W = Opening width$

## Technical information automatic revolving door without central shaft

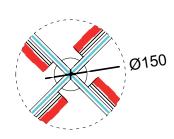


- 1 = Manual locking
- 2 = Control panel/programme switch
- 3 = Emergency stop switch
- 4 = Push pad
- 5 = Brush sealing
- 6 = Heel protection

- GH = total height
- DH = Passage height
- KH = Canopy height



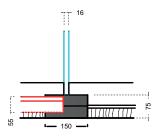
DETAIL A



DETAIL B

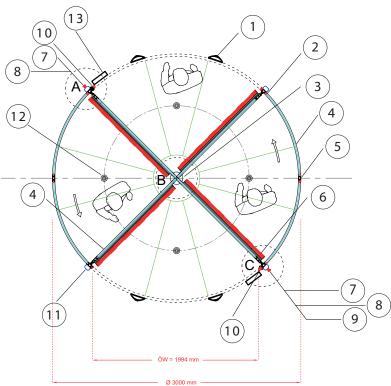


DETAIL C



DETAIL D





1 = Radar movement detector 8 = Push pad 2 = Glass sealing 9 = Control panel

3 = Central shaft 10 = Post safety

4 = 8 mm LSG 11 = Post attachment profile

5 = 80x30 mm aluminium profile 12 = 10 W LED

6 = Heel protection 13 = Front post safety sensor 7 = Emergency stop switch ÖW = Opening width

#### Dimensions

3-leaf revo	lving doors									
Outer diameter	Inner diameter	Leaf width	Passage width	Segment area in m²	Maximum number of people *	Capacity/ minute **	Maximum number of people *	Capacity/ minute **	Maximum number of people *	Capacity/ minute **
1800	1740	840	760	0.80						
2000	1940	940	860	1.00	1	8				
2200	2140	1040	960	1.25			1	8		
2400	2340	1140	1060	1.50	2	15				
2600	2540	1240	1160	1.75	3	23				
2800	2740	1340	1260	2.00	3	23	2	15		
3000	2940	1440	1360	2.35	4	20			1	6
3200	3140	1540	1460	2.65	4	30				
3400	3340	1640	1560	3.00	5	38	3	23		
3600	3540	1740	1660	3.40	_	4.4				
3800	3740	1840	1760	3.75	6	44	4	30		

All dimensions in mm

4-leaf revo	lving doors									
Outer diameter	Inner diameter	Leaf width	Passage width	Segment area in m²	Maximum number of people *	Capacity/ minute **	Maximum number of people *	Capacity/ minute **	Maximum number of people *	Capacity/ minute **
1800	1740	840	1140	0.65						
2000	1940	940	1360	0.75	1	10				
2200	2140	1040	1500	0.95						
2400	2340	1140	1640	1.10	2	20				
2600	2540	1240	1780	1.30	2	20				
2800	2740	1340	1920	1.50						
3000	2940	1440	2060	1.75	3	30	1	10		
3200	3140	1540	2200	1.95						
3400	3340	1640	2340	2.25	4	40	2	20	1	10
3600	3540	1740	2480	2.55	4	40	2	20		
3800	3740	1840	2620	2.80	5	50	3	30		

All dimensions in mm

Different dimensions and equipment options available on request

<sup>\*</sup> Specifies the number of people who can be in one segment during typical use.

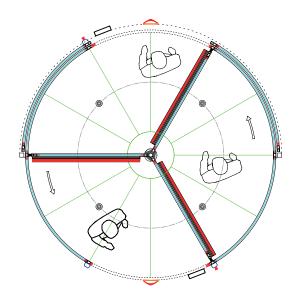
<sup>\*\*</sup> Specifies the maximum number of people that can pass in one direction per minute.

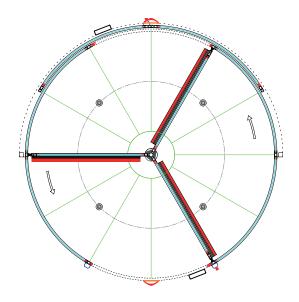
<sup>\*</sup> Specifies the number of people who can be in one segment during typical use.

<sup>\*\*</sup> Specifies the maximum number of people that can pass in one direction per minute.

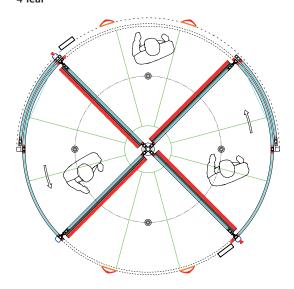
# Night-time closer

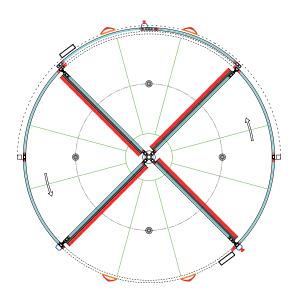
## 3-leaf





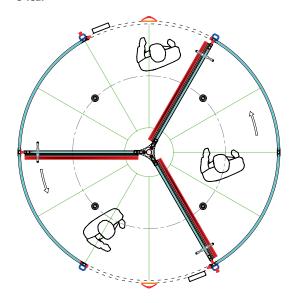
4-leaf

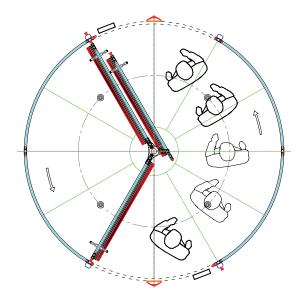




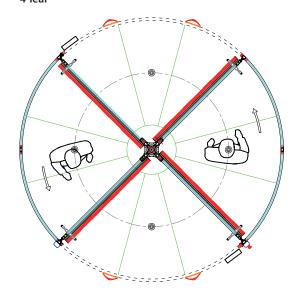
# Variant with folding leaves (break-out)

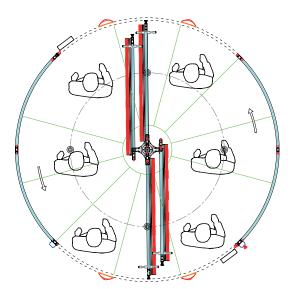
# 3-leaf





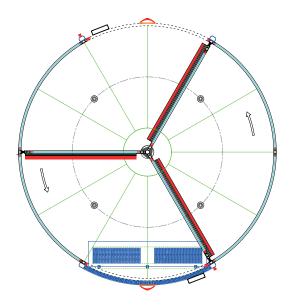
# 4-leaf

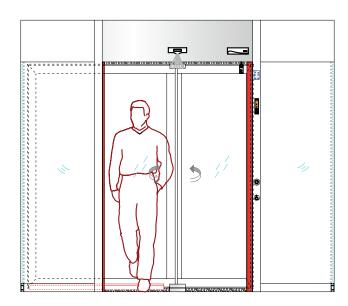




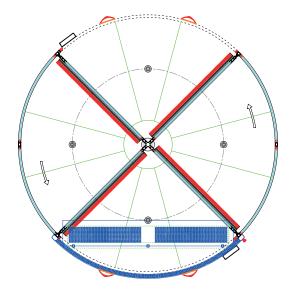
## **Hot-air curtains**

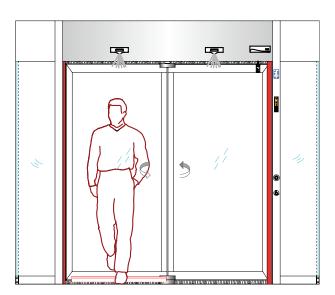
#### 3-leaf





## 4-leaf





Differences between the temperature inside a building and the outside temperature cause unwanted air exchange in the door area. Air curtain systems are used to prevent this air exchange. They prevent the penetration of cold air even with revolving doors. As a result, the area directly by the door can be used economically.

# GEZETSA 395 revolving door drive

## The drive for large doors

The TSA 395 model is the optimal choice for buildings with central access with high access frequency. The large door segments facilitate comfortable access to the building. This allows high visitor flows to be handled safely and representative façade entrances to be created. TSA 395 is available as a 3- or 4-leaf version up to a diameter of 6000 mm. A versatile selection is also available in the surface and colour design. A night-time closer can be selected as an additional option. Only an automatic variant is available due to the size of the door system. The central area of the door systems can optionally be equipped with a showcase for further individual design, for example for advertising purposes.

The door system has been tested and certified according to EN 16005.

Thanks to the optionally available folding leaves (break-out), revolving doors are also suitable for use in escape and rescue routes, depending on building regulations and the required width of the escape route.

This door variant is the optimal choice for projects with the following requirements:

- · High person capacity
- High access convenience
- High degree of customisation in diameter, height, features and options
- Version with 3 or 4 leaves, with and without showcase

This model is particularly suitable for shopping centres, furniture stores or airports.



Galeri Resort, Antalya

System         automatic           Emergency stops witch         one for each entrance and exit           Post safety         one for each entrance           Manual stop possible         standard for each entrance           Passive seal to prevent hands from becoming trapped         standard for each entrance           Radar movement detector         one for each entrance and exit           Heel protection         at the bottom of the leaves           Presence detector         one for each entrance and exit           Curved glasses         8 mm LSG           Glass for leaves         8 mm LSG           Lockling         MDF cover for the interior aluminium sheet for the exterior area           Brushes         40 mm horse hair brushes           Celling         12 segments made of 1.5 mm thick aluminium sheet           Glass seal         FDDM           Canopy         aluminium and steel profiles           Colour         natural anodised or RAL colours           Illumination         4 x 8 W LED downlight           Control panel         control panel with position switch           Optional features           Stainless steel cladding         6           Gold coloured stainless steel cladding         6           Bright stainless steel panel         6 <th>Standard features</th> <th></th>	Standard features					
Push pad Post safety standard for each entrance and exit Post safety standard for each entrance Manual stop possible Passive seal to prevent hands from becoming trapped standard for each entrance and exit Heel protection at the bottom of the leaves Presence detector one for each entrance and exit Heel protection at the bottom of the leaves Presence detector one for each entrance and exit Curved glasses 8 mm LSG Glass for leaves 8 mm LSG Class for leaves 8 mm LSG Clocking manual locking Roof MDF cover for the interior aluminium sheet for the exterior area sheet seal aluminium sheet for the exterior area sheet seal seal EPDM Canopy aluminium and steel profiles Colour natural anodised or RAL colours Illumination 4 x 8 W LED downlight Control panel with position switch  Optional features  Stainless steel cladding • Control panel with position switch  Optional features  Door handle • Coloured stainless steel cladding • Control panel with position switch  Optional features  Entrance mat • Coloured stainless steel cladding • Control panel with position switch  Optional features  Entrance mat • Coloured stainless steel cladding • Control panel with position switch  Optional features  Entrance mat • Coloured stainless steel cladding • Control panel with position switch  Optional features  Entrance mat • Coloured stainless steel cladding • Control panel with position switch  Optional features  Entrance mat • Coloured stainless steel cladding • Control panel with position switch  Optional features  Entrance mat • Coloured stainless steel cladding • Control panel with position switch  Optional features  Entra manual locking and switch • Control panel with position switch  Optional features  Entra manual locking and switch • Control panel with position switch  Optional features  Entra manual locking and switch • Control panel with posi	System	automatic				
Post safety Manual stop possible Manual stop possible Radar movement detector Radar movement detector Radar movement detector Radar movement detector Rector	Emergency stop switch	one for each entrance and exit				
Manual stop possible Passive seal to prevent hands from becoming trapped Radar movement detector one for each entrance and exit Heel protection at the bottom of the leaves Presence detector one for each entrance and exit Curved glasses Ram LSG Radas for leaves Ram LSG Locking Roof Roof Roof Roof Roof Roof Roof Roo	Push pad	one for each entrance and exit				
Passive seal to prevent hands from becoming trapped         standard for each entrance and exit           Radar movement detector         one for each entrance and exit           Heel protection         at the bottom of the leaves           Presence detector         one for each entrance and exit           Curved glasses         8 mm LSG           Glass for leaves         8 mm LSG           Locking         manual locking           Roof         MDF cover for the interior aluminium sheet for the exterior area           Brushes         40 mm horse hair brushes           Ceiling         12 segments made of 1.5 mm thick aluminium sheet           Glass seal         EPDM           Canopy         aluminium and steel profiles           Colour         natural anodised or RAL colours           Illumination         4 x 8W LED downlight           Control panel         control panel with position switch           Prival features           Stainless steel cladding         •           Gold coloured stainless steel panel         •           Entra manual focking         •           Bright stainless steel panel         •           Coloured glass         •           Heel protection for safety (below)         •           Passage height in various dime	Post safety	standard for each entrance				
Radar movement detector         one for each entrance and exit           Heel protection         at the bottom of the leaves           Presence detector         one for each entrance and exit           Curved glasses         8 mm LSG           Glass for leaves         8 mm LSG           Locking         manual locking           Roof         MDF cover for the interior aluminium sheet for the exterior area aluminium sheet of the exterior area aluminium sheet of the exterior area aluminium sheet for the exterior area aluminium sheet of the exterior area aluminium sheet for the exterior area aluminium sheet of the exterior area aluminium sheet of the exterior area aluminium sheet for the exterior a	Manual stop possible					
Heel protection         at the bottom of the leaves           Presence detector         one for each entrace and exit           Curved glasses         8 mm LSG           Glass for leaves         8 mm LSG           Locking         manual locking           Roof         MDF cover for the interior aluminium sheet for the exterior area           Brushes         40 mm horse hair brushes           Ceiling         12 segments made of 1.5 mm thick aluminium sheet           Glass seal         EPDM           Canopy         aluminium and steel profiles           Colour         natural anodised or RAL colours           Illumination         4 x 8 W LED downlight           Control panel         control panel with position switch           Optional features         Stainless steel cladding         General control panel with position switch           Optional features         Entrance mat         General coloured stainless steel cladding         General coloured stainless steel cladding           Bright stainless steel panel         General coloured coloured glass         General coloured coloured coloured glass         General coloured coloured coloured coloured glass         General coloured colou	Passive seal to prevent hands from becoming trapped	standard for each entrance				
Presence detector one for each entrance and exit Curved glasses 8 mm LSG Glass for leaves 8 mm LSG Curved glasses Rof MDF cover for the interior aluminium sheet for the exterior area Brushes 40 mm horse hair brushes Ceiling 12 segments made of 1.5 mm thick aluminium sheet Glass seal EPDM Canopy aluminium and steel profiles Colour aluminium and steel profiles Colour anatural anodised or RAL colours Illumination 4 x 8 W LED downlight Control panel with position switch  Optional features  Stainless steel cladding • Gold coloured stainless steel cladding • Gold coloured stainless steel cladding • Entrance mat • Door handle • Entrance mat • Coloured glass • Entrance mat • Door handle • Entrance mat • Coloured glass • Extra manual locking and switch •  Waterproof roof for the exterior, with drain channel • 4 LED lights 10 W extra • 4 LED lights 10 W extra • 4 LED lights 10 W extra • 5 Extra matailess steel floor ring	Radar movement detector	one for each entrance and exit				
Curved glasses     8 mm LSG       Glass for leaves     8 mm LSG       Locking     manual locking       Roof     MDF cover for the interior aluminium sheet for the exterior area       Brushes     40 mm horse hair brushes       Ceiling     12 segments made of 1.5 mm thick aluminium sheet       Glass seal     EDM       Colour     natural anodised or RAL colours       Illumination     4 x 8 W LED downlight       Control panel     control panel with position switch       Optional features       Stainless steel cladding     •       Gold coloured stainless steel cladding     •       Bright stainless steel panel     •       Entrance mat     •       Door handle     •       Coloured glass     •       Heel protection for safety (below)     •       Passage height in various dimensions     •       Extra manual locking     •       Break-out leaves     •       Extra manual locking and switch     •       Waterproof roof for the exterior, with drain channel     •       4 LED lights 10 W extra     •       20x30x2 mm stainless steel floor ring     •	Heel protection	at the bottom of the leaves				
Glass for leaves 8 mm LSG Locking manual locking  Roof MDF cover for the interior aluminium sheet for the exterior area  Brushes 40 mm horse hair brushes  Ceiling 12 segments made of 1.5 mm thick aluminium sheet Glass seal EPDM Canopy aluminium and steel profiles Colour natural anodised or RAL colours  Illumination 4 x 8 W LED downlight Control panel with position switch  Optional features  Stainless steel cladding • Gold coloured stainless steel cladding • Bright stainless steel panel • Entrance mat • Door handle • Coloured glass • Heel protection for safety (below) • Heel protection for safety (below) • Passage height in various dimensions • Extra manual locking Break-out leaves • Extra manual locking and switch  Waterproof roof for the exterior, with drain channel • 4 LED lights 10 W extra • 20x30x2 mm stainless steel floor ring	Presence detector	one for each entrance and exit				
Locking       manual locking         Roof       MDF cover for the interior aluminium sheet for the exterior area         Brushes       40 mm horse hair brushes         Ceiling       12 segments made of 1.5 mm thick aluminium sheet         Glass seal       EPDM         Conopy       aluminium and steel profiles         Colour       natural anodised or RAL colours         Illumination       4 x 8 W LED downlight         Control panel       control panel with position switch         Optional features         Stainless steel cladding       •         Gold coloured stainless steel cladding       •         Bright stainless steel panel       •         Entrance mat       •         Door handle       •         Coloured glass       •         Heel protection for safety (below)       •         Passage height in various dimensions       •         Extra manual locking       •         Break-out leaves       •         Extra manual locking and switch       •         Waterproof roof for the exterior, with drain channel       •         4 LED lights 10 W extra       •         20x30x2 mm stainless steel floor ring	Curved glasses	8 mm LSG				
Roof     AMDF cover for the interior aluminium sheet for the exterior area       Brushes     40 mm horse hair brushes       Ceiling     12 segments made of 1.5 mm thick aluminium sheet       Glass seal     EPDM       Canopy     aluminium and steel profiles       Colour     natural anodised or RAL colours       Illumation     4 x 8 W LED downlight       Control panel     control panel with position switch       Optional features       Stainless steel cladding     •       Gold coloured stainless steel cladding     •       Bright stainless steel panel     •       Entrance mat     •       Door handle     •       Coloured glass     •       Heel protection for safety (below)     •       Passage height in various dimensions     •       Extra manual locking     •       Break-out leaves     •       Extra manual locking and switch     •       Waterproof roof for the exterior, with drain channel     •       4 LED lights 10 W extra     •       20x30x2 mm stainless steel floor ring     •	Glass for leaves	8 mm LSG				
Brushes 40 mm horse hair brushes Ceiling 12 segments made of 1.5 mm thick aluminium sheet Glass seal EPDM Canopy aluminium and seel profiles Colour natural anodised or RAL colours Illumination 4 x 8 W LED downlight Control panel control panel with position switch  Poptional features Stainless steel cladding ender seel claddi	Locking	manual locking				
Brushes 40 mm horse hair brushes Ceiling 12 segments made of 1.5 mm thick aluminium sheet Glass seal EPDM Canopy aluminium and steel profiles Colour natural anodised or RAL colours Illumination 4 x 8 W LED downlight Control panel control panel with position switch  Control panel control panel with position switch  Control panel eatures  Stainless steel cladding control panel eatures Bright stainless steel cladding coloured stainless steel cladding coloured stainless steel panel coloured stainless steel panel coloured eatures  Bright stainless steel panel coloured eature coloured eature emat coloured entered entered entered entered eature emat coloured	Roof	MDF cover for the interior				
Ceiling     12 segments made of 1.5 mm thick aluminium sheet       Glass seal     EPDM       Canopy     aluminium and steel profiles       Colour     natural anodised or RAL colours       Illumination     4 x 8 W LED downlight       Control panel     control panel with position switch       Optional features       Stainless steel cladding     •       Gold coloured stainless steel cladding     •       Bright stainless steel panel     •       Entrance mat     •       Door handle     •       Coloured glass     •       Heel protection for safety (below)     •       Passage height in various dimensions     •       Extra manual locking     •       Break-out leaves     •       Extra manual locking and switch     •       Waterproof roof for the exterior, with drain channel     •       4 LED lights 10 W extra     •       20x30x2 mm stainless steel floor ring     •						
Glass seal EPDM Canopy aluminium and steel profiles Colour natural anodised or RAL colours Illumination 4 x 8 W LED downlight Control panel control panel with position switch  Control panel Coloured Stainless steel cladding • Gold coloured stainless steel cladding • Entrance mat • Door handle • Coloured glass • Heel protection for safety (below) • Passage height in various dimensions • Extra manual locking and switch • Extra manual locking and switch • Waterproof roof for the exterior, with drain channel • 4 LED lights 10 W extra • 20x30x2 mm stainless steel floor ring	Brushes					
Canopy       aluminium and steel profiles         Colour       natural anodised or RAL colours         Illumination       4 x 8 W LED downlight         Control panel       control panel with position switch         Optional features         Stainless steel cladding       •         Gold coloured stainless steel cladding       •         Bright stainless steel panel       •         Entrance mat       •         Door handle       •         Coloured glass       •         Heel protection for safety (below)       •         Passage height in various dimensions       •         Extra manual locking       •         Break-out leaves       •         Extra manual locking and switch       •         Waterproof roof for the exterior, with drain channel       •         4 LED lights 10 W extra       •         20x30x2 mm stainless steel floor ring       •	Ceiling	12 segments made of 1.5 mm thick aluminium sheet				
Colour       natural anodised or RAL colours         Illumination       4 x 8 W LED downlight         Control panel       control panel with position switch         Optional features         Stainless steel cladding       •         Gold coloured stainless steel cladding       •         Bright stainless steel panel       •         Entrance mat       •         Door handle       •         Coloured glass       •         Heel protection for safety (below)       •         Passage height in various dimensions       •         Extra manual locking       •         Break-out leaves       •         Extra manual locking and switch       •         Waterproof roof for the exterior, with drain channel       •         4 LED lights 10 W extra       •         20x30x2 mm stainless steel floor ring       •	Glass seal	EPDM				
Illumination 4 x 8 W LED downlight Control panel control panel with position switch  Optional features  Stainless steel cladding Gold coloured stainless steel cladding Bright stainless steel panel Entrance mat Door handle Coloured glass Heel protection for safety (below) Passage height in various dimensions Extra manual locking Break-out leaves Extra manual locking and switch Waterproof roof for the exterior, with drain channel 4 LED lights 10 W extra 20x30x2 mm stainless steel floor ring	Canopy	aluminium and steel profiles				
Control panel with position switch         Optional features         Stainless steel cladding       •         Gold coloured stainless steel cladding       •         Bright stainless steel panel       •         Entrance mat       •         Door handle       •         Coloured glass       •         Heel protection for safety (below)       •         Passage height in various dimensions       •         Extra manual locking       •         Break-out leaves       •         Extra manual locking and switch       •         Waterproof roof for the exterior, with drain channel       •         4 LED lights 10 W extra       •         20x30x2 mm stainless steel floor ring       •	Colour	natural anodised or RAL colours				
Optional featuresStainless steel cladding•Gold coloured stainless steel cladding•Bright stainless steel panel•Entrance mat•Door handle•Coloured glass•Heel protection for safety (below)•Passage height in various dimensions•Extra manual locking•Break-out leaves•Extra manual locking and switch•Waterproof roof for the exterior, with drain channel•4 LED lights 10 W extra•20x30x2 mm stainless steel floor ring•	Illumination	4 x 8 W LED downlight				
Stainless steel cladding•Gold coloured stainless steel cladding•Bright stainless steel panel•Entrance mat•Door handle•Coloured glass•Heel protection for safety (below)•Passage height in various dimensions•Extra manual locking•Break-out leaves•Extra manual locking and switch•Waterproof roof for the exterior, with drain channel•4 LED lights 10 W extra•20x30x2 mm stainless steel floor ring•	Control panel	control panel with position switch				
Gold coloured stainless steel cladding•Bright stainless steel panel•Entrance mat•Door handle•Coloured glass•Heel protection for safety (below)•Passage height in various dimensions•Extra manual locking•Break-out leaves•Extra manual locking and switch•Waterproof roof for the exterior, with drain channel•4 LED lights 10 W extra•20x30x2 mm stainless steel floor ring•	Optional features					
Bright stainless steel panel Entrance mat  Door handle Coloured glass Heel protection for safety (below) Passage height in various dimensions Extra manual locking Break-out leaves Extra manual locking and switch Waterproof roof for the exterior, with drain channel  4 LED lights 10 W extra  20x30x2 mm stainless steel floor ring	Stainless steel cladding	•				
Entrance mat Door handle Coloured glass Heel protection for safety (below) Passage height in various dimensions Extra manual locking Break-out leaves Extra manual locking and switch Waterproof roof for the exterior, with drain channel 4 LED lights 10 W extra 20x30x2 mm stainless steel floor ring	Gold coloured stainless steel cladding	•				
Door handle•Coloured glass•Heel protection for safety (below)•Passage height in various dimensions•Extra manual locking•Break-out leaves•Extra manual locking and switch•Waterproof roof for the exterior, with drain channel•4 LED lights 10 W extra•20x30x2 mm stainless steel floor ring•	Bright stainless steel panel	•				
Coloured glass Heel protection for safety (below)  Passage height in various dimensions  Extra manual locking Break-out leaves  Extra manual locking and switch  Waterproof roof for the exterior, with drain channel  4 LED lights 10 W extra  20x30x2 mm stainless steel floor ring	Entrance mat	•				
Heel protection for safety (below)  Passage height in various dimensions  Extra manual locking  Break-out leaves  Extra manual locking and switch  Waterproof roof for the exterior, with drain channel  4 LED lights 10 W extra  20x30x2 mm stainless steel floor ring  •	Door handle	•				
Passage height in various dimensions●Extra manual locking●Break-out leaves●Extra manual locking and switch●Waterproof roof for the exterior, with drain channel●4 LED lights 10 W extra●20x30x2 mm stainless steel floor ring●	Coloured glass	•				
Extra manual locking Break-out leaves  Extra manual locking and switch  Waterproof roof for the exterior, with drain channel  4 LED lights 10 W extra  20x30x2 mm stainless steel floor ring  •  •  •  •  •  •  •  •  •  •  •  •  •	Heel protection for safety (below)	•				
Break-out leaves  Extra manual locking and switch  Waterproof roof for the exterior, with drain channel  4 LED lights 10 W extra  20x30x2 mm stainless steel floor ring  •	Passage height in various dimensions	•				
Extra manual locking and switch  Waterproof roof for the exterior, with drain channel  4 LED lights 10 W extra  20x30x2 mm stainless steel floor ring  •	Extra manual locking	•				
Waterproof roof for the exterior, with drain channel  4 LED lights 10 W extra  20x30x2 mm stainless steel floor ring  •	Break-out leaves	•				
4 LED lights 10 W extra  20x30x2 mm stainless steel floor ring  ◆	Extra manual locking and switch	•				
4 LED lights 10 W extra  20x30x2 mm stainless steel floor ring  ◆		•				
20x30x2 mm stainless steel floor ring •		•				
		•				
	-	•				



#### Standard

- On/off switch for lighting
- Modes for testing and error detection
- Setting speed control and waiting periods
- Setting for limiting the torque
- Setting for start and stop periods
- All revolving door settings can be made using this touch screen

#### Standard



Post safety



Front post safety sensor



Access for people with disabilities and for the elderly



Mobile safeguarding device



Push pad

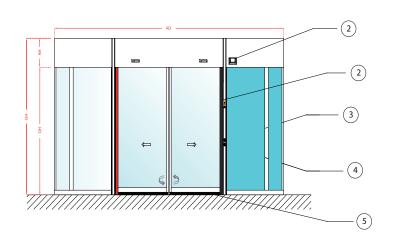


Heel protection



Emergency stop switch

#### FRONTAL VIEW

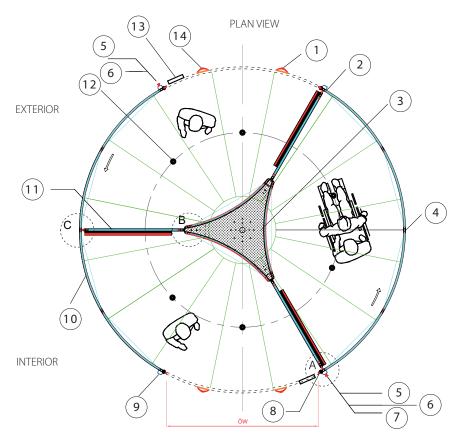


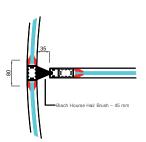
- DETAIL A

- 1 = Manual locking
- 2 = Control panel/programme switch
- 3 = Emergency stop switch
- 4 = Push pad
- 5 = Brush sealing

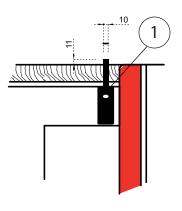
- AD = Outer diameter
- GH = Total height
- DH = Passage height
- KH = Canopy height







DETAIL C



- 1 = Radar movement detector
- 2 = Glass sealing
- 3 = Integrated showcase
- 4 = 80x30 mm aluminium profile
- 5 = Emergency stop switch
- 6 = Push pad
- 7 = Control panel

- 8 = Post safety
- 9 = Attachment profile post
- 10 = 8 mm LSG
- 11 = 8 mm LSG
- 12 = 10 Watt LED
- 13 = Front post safety sensor
- 14 = Radar movement detector
- ÖW = Opening width

- DETAIL D
- 1 = Manual locking

# Dimensions

3-leaf revolvin	g doors							
Outer diameter	Inner diameter	Leaf width	Passage width	Segment area in m²	Maximum number of people *	Capacity/ minute **	Maximum number of people *	Capacity/ minute **
3-leaf with tria	ngular showcas	se						
4000	3940	1270	1800	3.60	7	53	2	15
4500	4440	1520	2050	4.65	8	60	2	15
5000	4940	1770	2300	5.90	10	75	3	22
6000	5940	2270	2820	8.70	15	112	4	30
3-leaf without	showcase							
4000	3940	1740	1800	4.05	9	68	2	15
4500	4440	1990	2050	5.15	10	75	2	15
5000	4940	2240	2300	6.35	14	105	3	22

All dimensions in mm

4-leaf revolvin	g doors							
Outer diameter	Inner diameter	Leaf width	Passage width	Segment area in m²	Maximum number of people *	Capacity/ minute **	Maximum number of people *	Capacity/ minute **
4-leaf with squ	uare showcase							
4000	3940	1320	2700	2.45	6	60	1	10
4500	4440	1570	3000	3.30	8	82	2	20
5000	4940	1850	3400	4.20	11	110	2	20
6000	5940	2320	4170	6.30	14	140	3	30
4-leaf without	showcase							
4000	3940	1740	2700	3.05	7	70	1	10
4500	4440	1990	3000	3.85	9	90	2	20
5000	4940	2240	3400	4.80	11	110	2	20

All dimensions in mm

Different dimensions and equipment options available are available on request

<sup>\*</sup> Specifies the number of people who can be in one segment during typical use.

<sup>\*\*</sup> Specifies the maximum number of people that can pass in one direction per minute.

<sup>\*</sup> Specifies the number of people who can be in one segment during typical use.

<sup>\*\*</sup> Specifies the maximum number of people that can pass in one direction per minute.

## GEZETSA 395 Multi revolving door drive

#### The universal door drive

The TSA 395 Multi model is the optimal choice for buildings with central access with high access frequency. Due to the 2-leaf design in the door area, there are particularly large segments which allow for comfortable building access. As a result, this door variant can also be used with luggage or shopping trolleys as well as by wheelchair users with an accompanying person. As a revolving door with an integrated linear sliding door, this door system is very flexible. The sliding door function also allows for the comfortable transport of longer objects or the passage of larger groups of people in the shortest time possible. The model is available up to a diameter of 5400 mm and creates representative entrances.

A versatile selection is also available in the surface and colour design. The laterally integrated showcases can optimally be used for advertising purposes. At night, the showcases are placed in front of the entrance.

This door variant is optimal in projects with the following requirements:

- · High person capacity
- High access convenience
- Version with 2 door leaves and integrated sliding door

This model is therefore ideal for use in shopping centres, furniture stores and airports.



Forum Kayseri

# **GEZETSA 395 MULTI**

# **Technical data**

Standard features					
System	automatic				
Emergency stop switch	one for each entrance and exit				
Push pad	one for each entrance and exit				
Post safety	standard for each entrance				
Passive seal to prevent hands from becoming trapped	standard for each entrance				
Radar movement detector	one for each entrance and exit				
Heel protection	at the bottom of the leaves				
Presence detector	one for each entrance and exit				
Curved glasses	8 mm LSG				
Glass for leaves	8 mm LSG				
Roof	MDF cover for the interior				
	aluminium sheet for the exterior area				
Brushes	70 mm horse hair brushes				
Soffit	12 segments made of 1.5 mm thick aluminium sheet				
Glass seal	EPDM				
Canopy	aluminium and steel profiles				
Colour	natural anodised or RAL colours				
Illumination	8 x 10 W LED downlight				
Control panel	control panel with position switch				
Optional features					
Stainless steel cladding	•				
Gold coloured stainless steel cladding	•				
Bright stainless steel panel	•				
Entrance mat	•				
Door handle	•				
Coloured glass	•				
Heel protection for safety (below)	•				
Passage height in various dimensions	•				
Engine block heater	•				
Waterproof roof for the exterior, with drain channel	•				
4 LED lights 10 W extra	•				
20x30x2 mm stainless steel floor ring	•				
Hot-air curtains	•				



#### Standard

- On/off switch for lighting
- Modes for testing and error detection
- Setting speed control and waiting periods
- Setting for limiting the torque
- Setting for start and stop periods
- All revolving door settings can be made using this touch screen

#### Standard



Post safety



Presence detector



Access for people with disabilities and for the elderly



Heel protection



Push pad

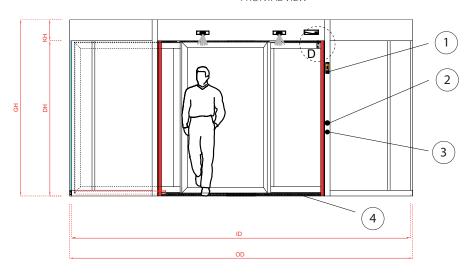


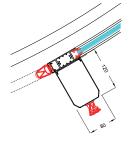
Emergency stop switch



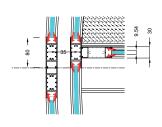
Mobile safeguarding devices

#### FRONTAL VIEW





DETAIL A



DETAIL B

- 1 = Control panel
- 2 = Emergency stop switch
- 3 = Push pad
- 4 = Brush sealing

ID = Inner diameter

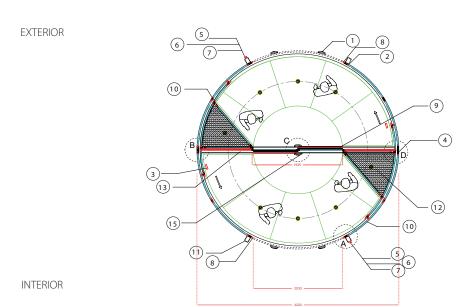
AD = Outer diameter

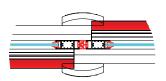
GH = Total height

DH = Passage height

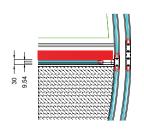
KH = Canopy height

#### PLAN VIEW





DETAIL C



DETAIL D

- 1 = Radar movement detector
- 2 = Glass sealing
- 3 = Presence detector
- 4 = 80x30 mm aluminium profile
- 5 = Emergency stop switch
- 6 = Push pad
- 7 = Control panel
- 8 = Hand sensor

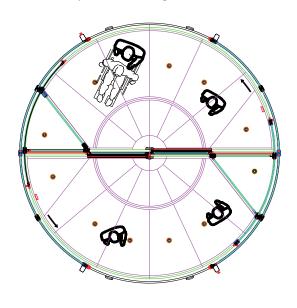
- 9 = Post safety
- 10 = 4 mm + 4 mm LSG
- 11 = Sensor cover
- $12 = 10 \, \text{W} \, \text{LED}$
- 13 = Light curtain sensor
- 14 = Radar movement detector
- 15 = Sliding door
- ÖW = Opening width

## Dimensions

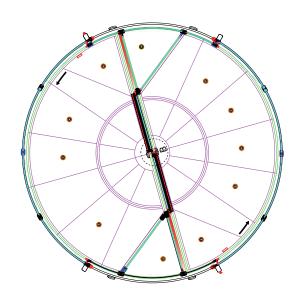
Outer diameter	Inner diameter	Door system in- stallation width	Passage width revolving door	Passage width sliding door	Maximum number of persons *	Capacity/ minute **	Maximum number of persons *	Capacity/ minute **
3600	3540	3840	1530	1650	5	75	2	8
4200	4140	4440	1780	1930	7	95	2	8
4500	4440	4740	1980	2040	8	100	3	10
4800	4740	5040	2030	2200	9	105	3	12
5400	5340	5640	2290	2480	11	115	3	12

All dimensions in mm

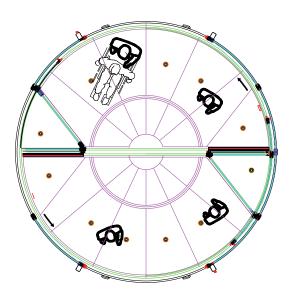
## Automatic operation revolving door



## Position night/locked



## Position sliding door operation



<sup>\*</sup> Specifies the number of people who can be in one leaf during typical use.

<sup>\*\*</sup> Specifies the maximum number of people that can pass in one direction per minute.

GEZE AUTOMATIC REVOLVING DOOR SYSTEMS

# GEZE AUTOMATIC REVOLVING DOOR SYSTEMS

# References



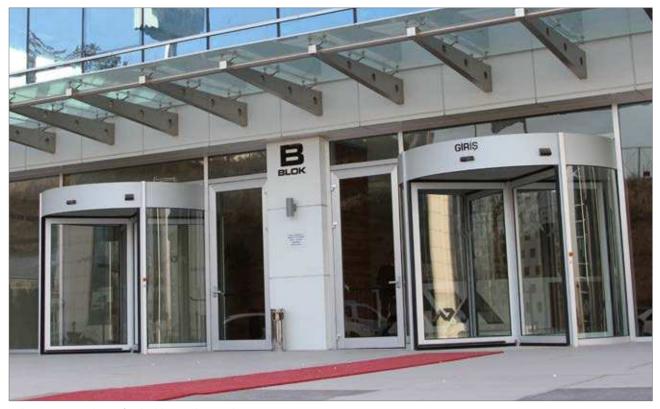
University of Manchester, Great Britain



Conforium Hotel, Istanbul, Turkey



Shopping centre, Özdemir Park, Zonguldak, Turkey



Ankara Ticaret Merkezi office building, Ankara, Turkey

Door	technology
01	Overhead door closers
02	Hold-open systems
03	Integrated door closers
04	Floor springs and all-glass fittings
05	Sliding fitting systems and linear guides
Autor	natic door systems
06	Swing doors
07	Sliding, telescopic and folding doors
08	Curved sliding doors
09	Revolving doors
10	Activation devices and sensors
Smok	e and heat extraction and window technology
11	Fanlight opening systems
12	Electric opening and locking systems
13	Electrical spindle and linear drives
14	Electric chain drives
15	Smoke and heat extraction systems
Safety	y technology
16	Emergency exit systems
17	Access control systems
18	Panic locks
19	Electric strikes
20	Building management system
Glass	systems
21	Manual sliding wall systems (MSW)



Integrated all-glass systems (IGG)



#### **Door technology**

The functionality, superior performance and reliability of GEZE door closers are impressive. A common design across the range, the ability to use them on all common door leaf widths and weights, and the fact that they can be individually adjusted makes their selection simple. They are continually being improved and enhanced with up-to-date features. For example, the requirements of fire protection and accessibility are fulfilled with a door closer system.

#### **Automatic door systems**

GEZE automatic door systems open up a huge variety of options in door design. The latest, innovative high-performance drive technology, safety, ease of accessibility and first class universal drive design set them apart. GEZE offers complete solutions for individual requirements.

#### Smoke and heat extraction and window technology

GEZE smoke and heat extraction systems and ventilation technology provide complete systems solutions combining the many requirements of different types of windows. We supply a full range from energy efficient drive systems to natural ventilation and complete solutions for supplying and extracting air, also as certified SHEVs.

#### Safety technology

GEZE safety technology sets the standards where preventative fire protection, access control and anti-theft security in emergency exits are concerned. For each of these objectives GEZE offers tailored solutions, which combine the individual safety requirements in one intelligent system and close doors and windows in case of danger in a coordinated manner.

#### **Building systems**

In GEZE's Building Management System GEZE door, window and safety products can be integrated in to the security and control systems of the building. A central control and visualisation system monitors various automation components in the building and offers security through many different networking capabilities.

#### **Glass systems**

GEZE glass systems stand for open and transparent interior design. They can either blend discreetly into the architecture of the building or stand out as an accentuated feature. GEZE offers a wide variety of technologies for functional, reliable and aesthetic sliding wall or sliding door systems providing security with lots of design scope.

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