

Caesar

Caesar
Automatic Door Systems



ES 200 Automatic sliding door operator



Flexible simple and module - with drive power to spare

The ES200 is an elegant and functional unit that has been designed to meet the requirements of every automatic sliding door application.

Suitable for sliding doors of all types, including models designed for emergency exits and escape routes (supplied either pre-assembled as a complete drive unit or in component form

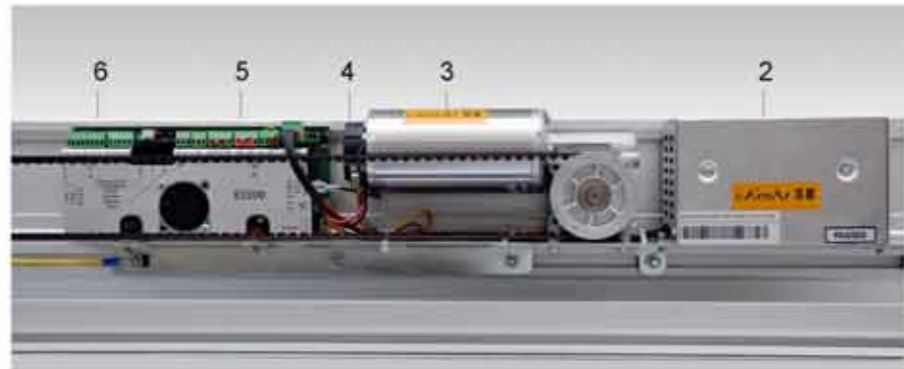
Mechanics, electrics and electronics precisely adapted to individual requirements

Time-saving installation and simple adjustment of the mechanics and electrics

High reliability, exceptional safety standards

Many settings can be implemented and adjusted at the software level!

Optimum adaptability to individual requirements



Door parameters	ES 200
Single-leaf sliding door	
- Clear passage width LW	700 - 3000mm
- Door leaf weight, Max	1 x 200kg
Double-leaf sliding door	
- Clear passage width LW	800 - 3000mm
- Door leaf weight, Max	2 x 160kg

Technical data	
Height	95mm
Structural depth	180mm
Adjustable opening & closing force, max	●
Adjustable opening speed	10 - 70cm/s
Adjustable closing speed	10 - 50cm/s
Adjustable pausing time	0 - 180sec
Power supply data	230V, 50/60Hz
Power consumption	200W
Degree of protection	IP 20
Tested with low voltage directives	●

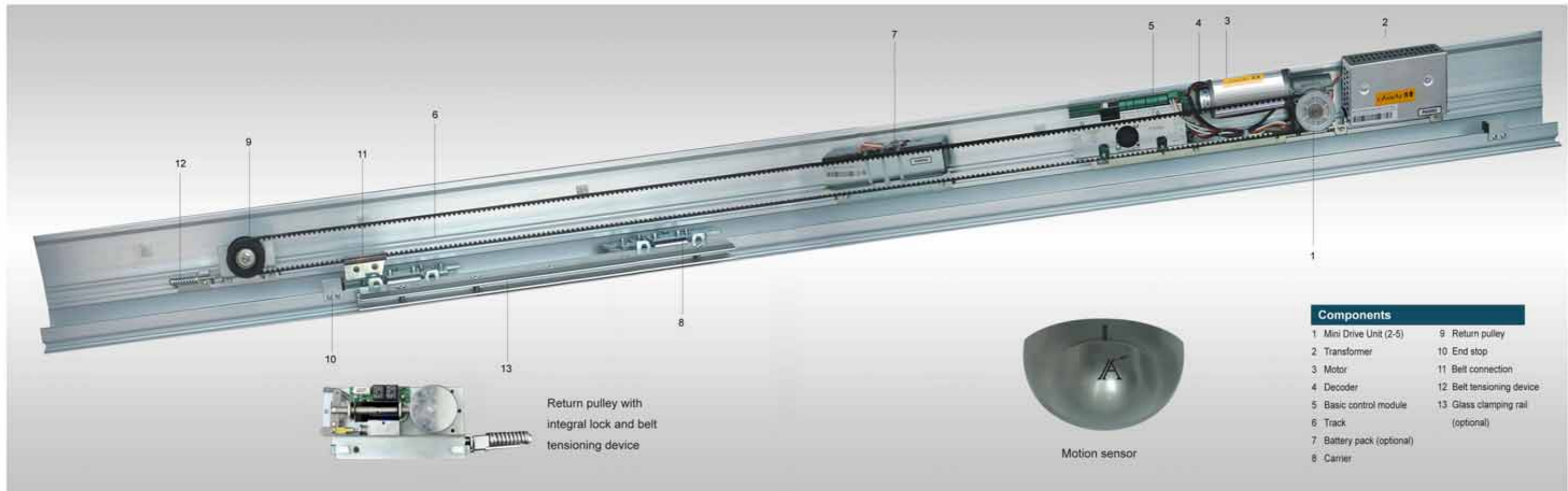
Basic module(BM)	
Modular design	●
Microprocessor control	
- Function programs	●
- Automatic	●
- Permanent open	●
- Partial opening	●
- Exit only	●
- Manual release device	●
Connection	
- Electro-mechanical locking device	●
- Light barriers	●
Adjustment of parameters via integral display & keypad	●
Emergency opening or emergency closing	●
24 V output for external load	●
Readout error memory with error codes	●



A CAESAR PDA can be used for commissioning, parametersation and diagnosis of drive and control ES 200 automatic door operator.

Additional equipment	
Electro - mechanical lock (bistable)	○
Manual release of electro - mechanical lock	○
Light barriers	○
Backup battery pack	○
Module for coupling to EIB	○

● Standard
○ Optional



Return pulley with integral lock and belt tensioning device



Motion sensor

Components	
1 Mini Drive Unit (2-5)	9 Return pulley
2 Transformer	10 End stop
3 Motor	11 Belt connection
4 Decoder	12 Belt tensioning device
5 Basic control module	13 Glass clamping rail (optional)
6 Track	
7 Battery pack (optional)	
8 Carrier	

EC100, EC200 Automatic sliding door operator



BEDIS control panel

All the functions can be identified and set via the BEDIS control panel. The numbering of the LED's on the front plate corresponds to their binary value. The softswitch number resp. Number of the error is obtained by adding the numbers next to the LED's which are lit.

Operating functions

The functions of the program switch positions correspond to the established Gilgen standard..

- ◀ ▶ : remains in the open position.
- ◀▶▶▶ : All the control elements are active.
- ◀▶▶▶ : REDUCED OPENING
- : One-way traffic
- 🔑 : The installation is locked.
- 🧼 : Cleaning

FUNCTION ADJUSTABLE

RESET Resume initialization

- V_o OPENING SPEED 40...100%
- V_c CLOSING SPEED 25...66%
- S OPENING WIDTH (winter) 25...90%
- t_o HOLD-OPEN TIME (standard) 0...10sec
- t_n HOLD-OPEN TIME NIGHT 0...30 sec

Programming functions

The KLESE control unit does not have any mechanical switches for setting special functions which must necessarily be selected with various applications. On the EC these functions can be fixely programmed via the BEDIS. After a RESET or a power failure the settings of the softswitches remain unchanged.

Self-testing microprocessor control system

Installed in protective housing, with automatic adjustment for optimum dynamic operating performance of door

Obstacle detection with automatic return mechanism

- Locking pressure: 40 N
- Dynamic power limitation
- LED-type function and error indicators
- Prioritised fulfilment of operating commands
- Weight and path measurement
- Testing of safety and security elements



Double sliding door components

Sliding door drive unit in modular design with DC motor, microprocessor control unit and electronic control panel with Patented bus-system (two-wire line).

Door parameters	EC100	EC200
Single leaf		
- Clearance width	700-3000mm	700-3000mm
- Max. weight	1X100kg	1X300kg
Double-leaf		
- Clearance width	800-3000mm	800-3000mm
- Max. weight	2X110kg	2X200kg
Technical data		
Height	100/160mm	110mm
Structural depth	180mm	180mm
Opening & closing force, max.	150N	220N
Motor	Single	Double
Ajustable opening speed	10-70cm/s	30-80cm/s
Ajustable closing speed	10-50cm/s	30-80cm/s
Ajustable pausing time	0-10s	0-10s
Power supply data	230V,50/60Hz	230V,50/60Hz
Power consumption	100W	200W

Compact drive unit with electronically-controlled door operation, maintenance-free with high performance

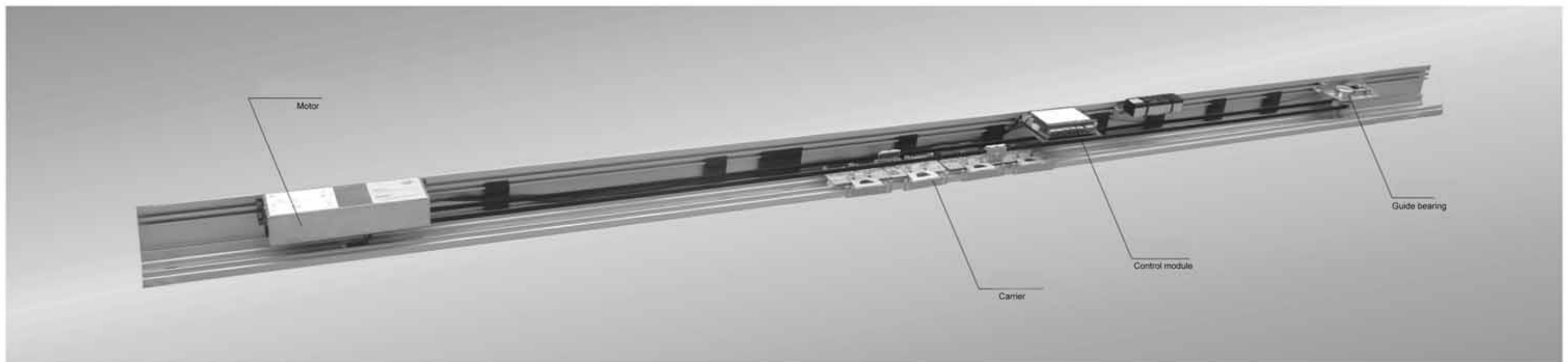
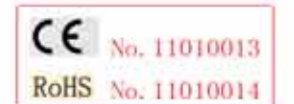
Installed in protective housing, with automatic adjustment for optimum dynamic operating performance of door

Obstacle detection with automatic return mechanism

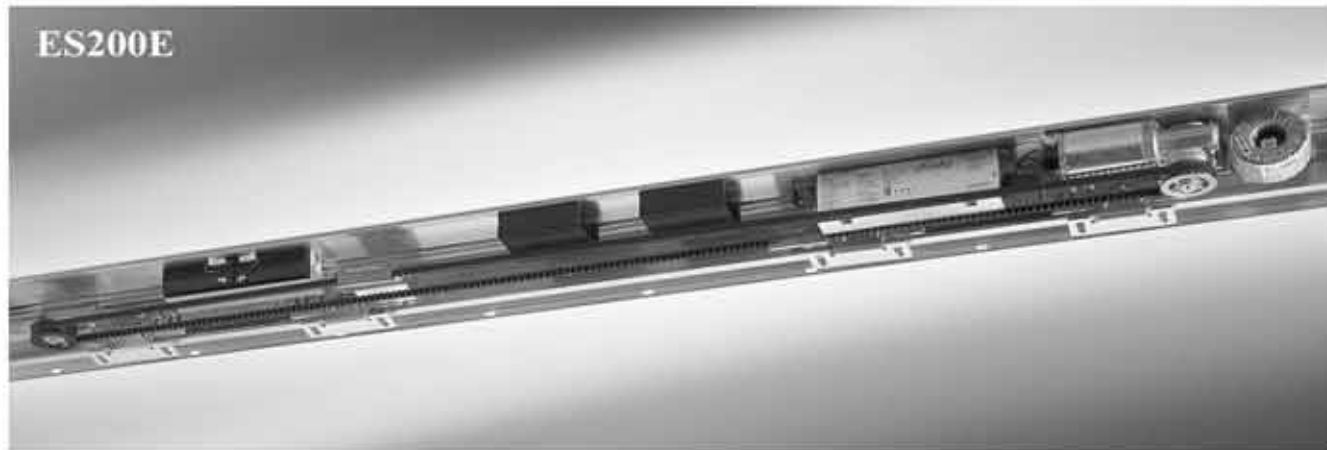
- Dynamic power limitation
- LED-type function and error indicators
- Prioritised fulfilment of operating commands
- Weight and path measurement
- Testing of safety and security elements
- End-point positioning

Control board

Modular design	•
Microprocessor control	•
- Function programs	•
- Automatic	•
- Permanent open	•
- Partial opening	•
- Exit only	•
- Manual release device	•
Connection	•
- Electro-mechanical locking device	•
- Light barriers	•
Emergency opening or emergency closing	•
24 V output for external load	•



ES200E Automatic operator



Door Parameter	ES200E
1. Panel sliding door	
- Clear passage width LW	700 - 3000mm
- Door panel weight, max	1 x 100kg
2. Panel sliding door	
- Clear passage width LW	800 - 3000mm
- Door panel weight, max	2 x 85kg



CE No. 11010013
RoHS No. 11010014

Accessories

Switch & button



Sensor & detector



Lock & Button



Others



Cover set :
1. Cover
2. Hinge profile
3. Cover holder
4. side plate

EL economic operator



Easy, Economic, Functional

EL series operators which features in good performance and good quality is used for various doors because of its easy installation and economy.



EL100

Door Parameter

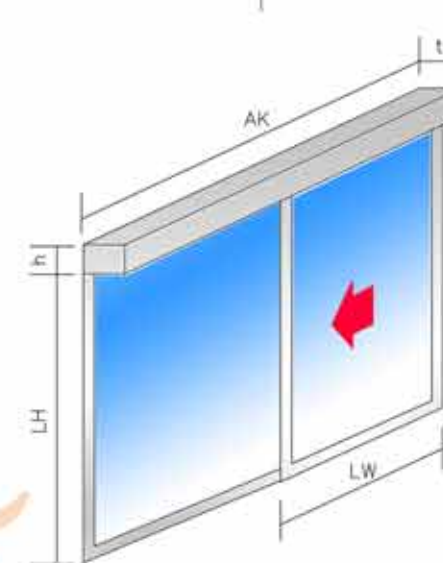
1. Panel sliding door	
- Transit with LW	700 - 3000 mm
- Door panel weight , max	1x120 kg
2. Panel sliding door	
- Transit with LW	800 - 2000 mm
- Door panel weight , max	2x100 kg
Height	128mm
Depth	100mm



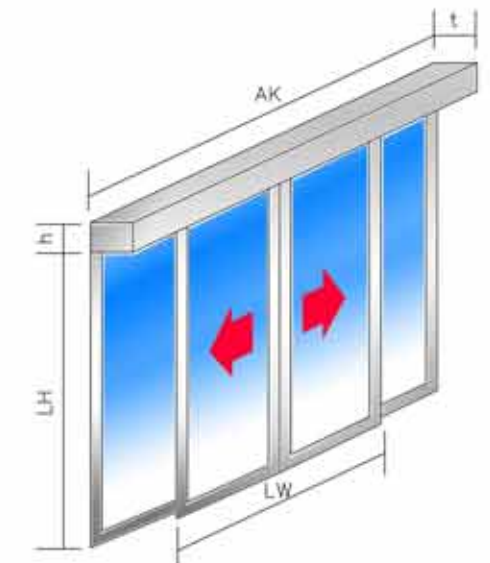
EL-HSD

Door Parameter

1. Panel sliding door	
- Transit with LW	700 - 1100 mm
- Door panel weight , max	1x66 kg
2. Panel sliding door	
- Transit with LW	800 - 1600 mm
- Door panel weight , max	2x44 kg
Height	78mm
Depth	70mm



1 Panel sliding door

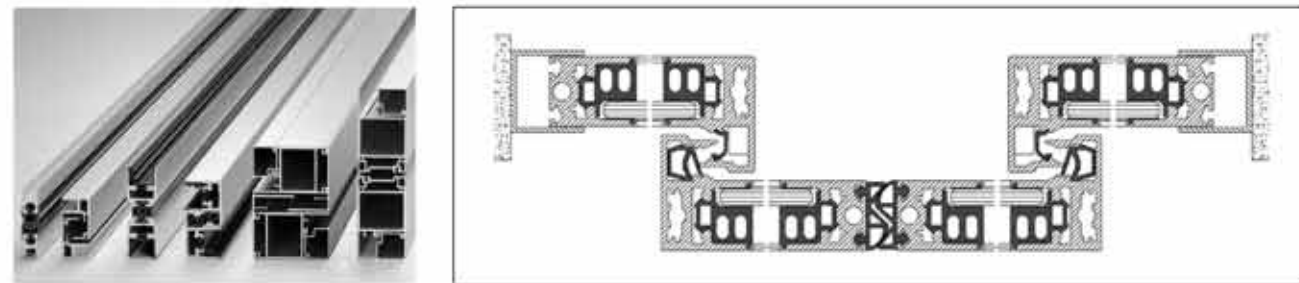
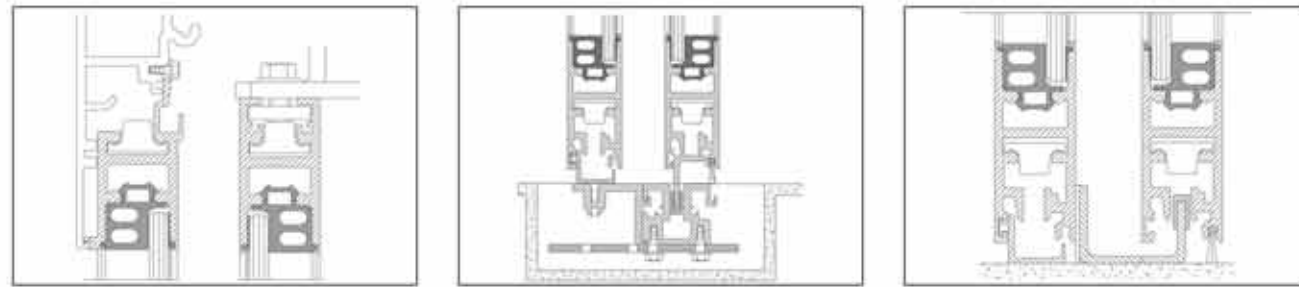
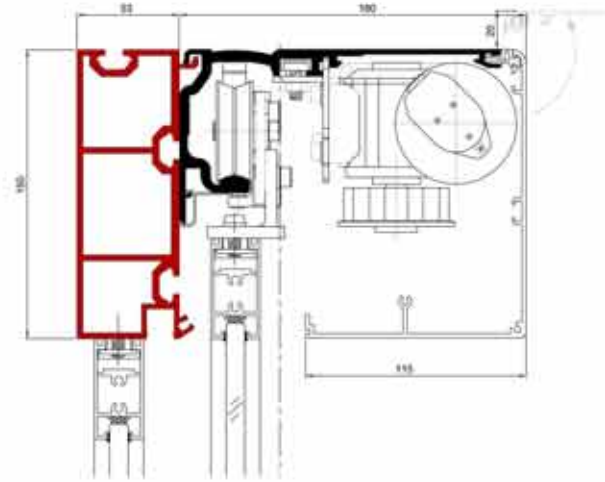


2 Panel sliding door

Standard Door profile system

Caesar automatic door's aluminum alloy profile has an elegant design, reasonable structure, complete components and wide applications, with a number of components, such as Girder, internal cover, door frame, and corner parts, which has been designed to meet the requirements of every automatic door application,

The integration of girder and internal cover make easier installation and saves the cost during project, which is better than non-standard processes project.



The versatile combinations offered by the use of Caesar standard profile systems allow flexible adaptation to each building's architectural features and perfect integration into any planning concept.

Break-out automatic door

Field of application

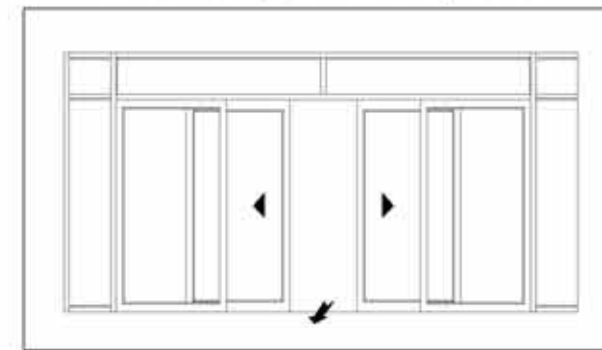
Designed for the use on escape and rescue routes the sliding door system Caesar BO is installed wherever safety is the first priority.

Door Parameter

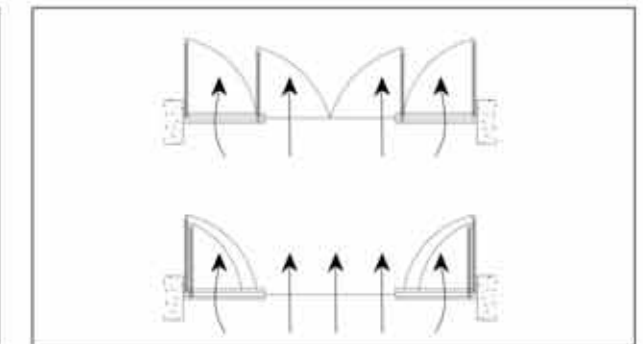
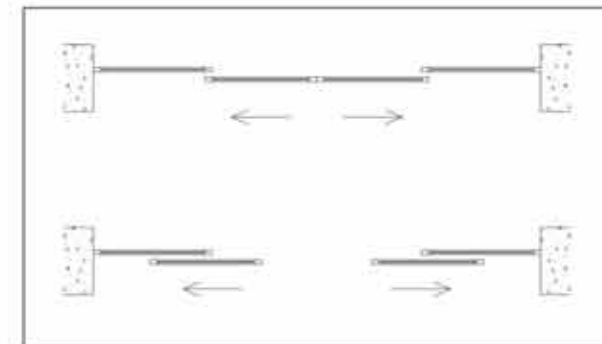
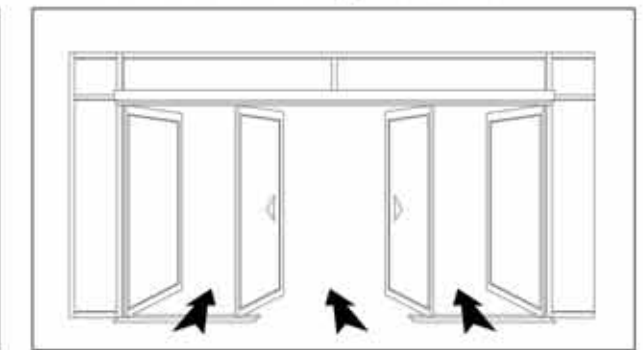
Break out panel sliding door	
- Clear passage width LW,	700 - 2500mm
- Clear passage height LH,	2000 - 3300mm
- Total break out width , max	5000mm



Double-leaf, standard operation



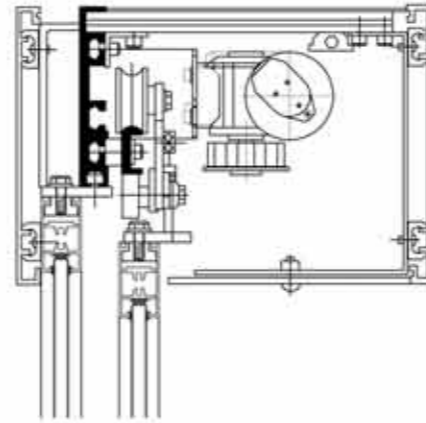
Double-leaf escape situation



CSD Automatic curved door operator

Feature and advantages

Automatic curved sliding doors are an ideal solution for rendering your entrances both enticing and individual. The doors can be designed as outwardly or inwardly curved semi-circles and segments, as full circle configurations, as oval and double-segment units, or as tailored constructions using any combination of these basic shapes. The door systems are manufactured as either concave or convex assemblies. Coordinated to the architectural concept of the overall building,



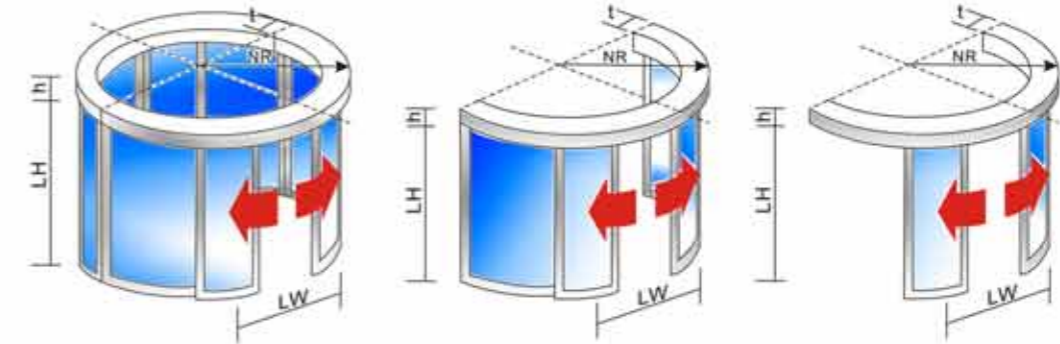
Dimensions

Clear passage width ≤ 2500 mm
 Clear passage height ≤ 4500 mm
 Radius r , minimum. 1500 mm
 Segmental pitch radius r freely - selectable
 Overhead height of canopy minimum - 240 mm



CSD curved door operator

Automatic curved sliding door includes semi - circle, full circle or segment version, concave or convex version, with fixed panel or not.



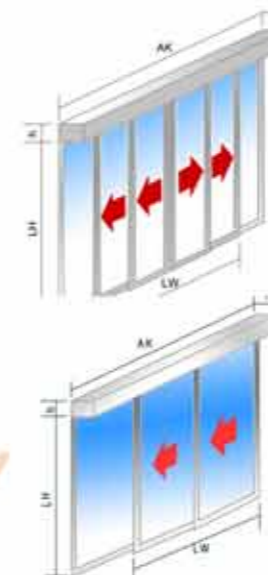
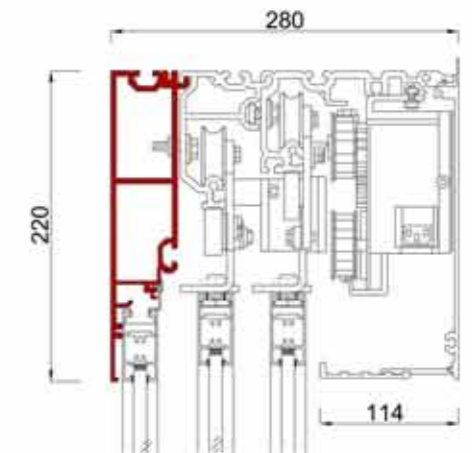
DSD Telescopic door operator

Feature and advantages

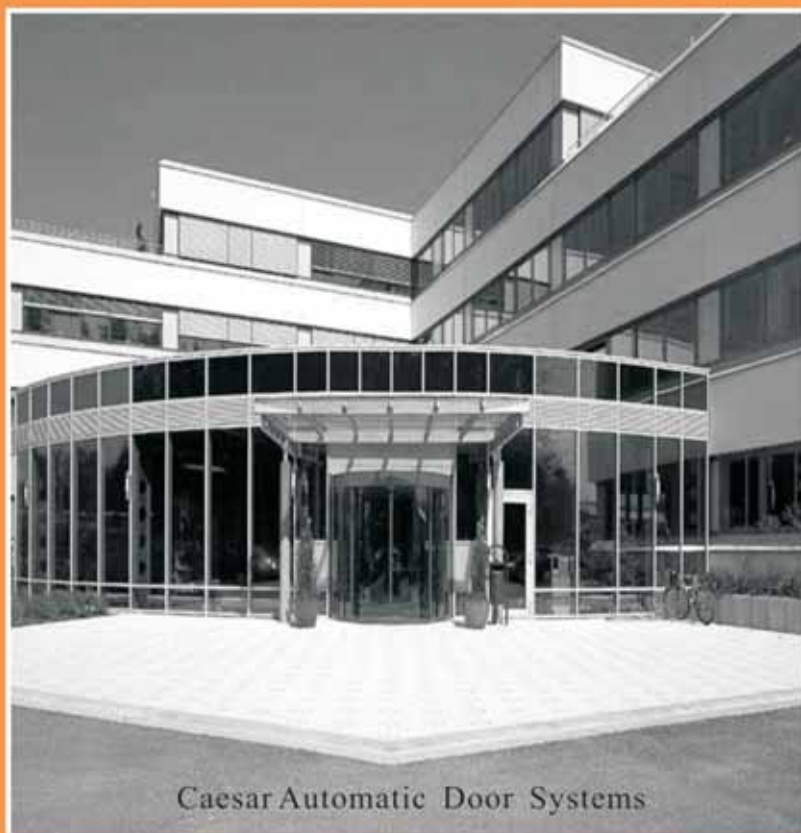
Automatic telescopic sliding doors offers great flexibility in design where a wide opening door is required but the space available is limited.

Dimensions

Clear passage width LW 1400 - 4000mm
 Maximum opening width 8000mm
 Clear passages height LH 2100 - 3000 mm
 Fixed side screens, Optional



Caesar Automatic Door Systems



Caesar Door Control Co., Ltd
Address: Room 1401-1415, Fuli business building,
No.23 Zhongshan Ba road, Liwan district, Guangzhou
Tel: 020-81361833,81812621
Fax: 020-81961646
E-mail: info@caesardoor.com
Website: <http://www.caesardoor.com>