

OPERATORS AND ACCESSORIES FOR AUTOMATIC DOORS



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doors for you

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ERREKA OPERATORS

OPERATORS

GLOBAL model.....	4
ERTAIN model.....	6
TELESCOPIC model.....	8
EVOLUTION / SMART model.....	10

ACCESSORIES

GLOBAL model

The GLOBAL System operator is the best choice for your most demanding projects, especially those involving heavy doors, as this versatile product can be adapted to any installation-related requirement. Thanks to its flexibility and standardization, the same operator can easily be installed in doors with one or two leaves and in different passage widths, with no need for any mechanical processing, and it also allows the swing direction of single-leaf operators to be chosen.

This makes the system suitable for the entrance to any type of buildings (supermarkets, hotels, airports, etc.).

SECURITY AND RELIABILITY

The Global System's control panel is equipped with the latest electronic advances and an intelligent electronic system that allows self-adjustment, thereby avoiding the need for the technician to regulate the door. It has all the legally required safety specifications, and, therefore, it can be adapted to any emergency system. In addition, its triple control system (position, time and consumption) prevents people from getting trapped. The system is certified according to the most demanding safety regulations and standards,

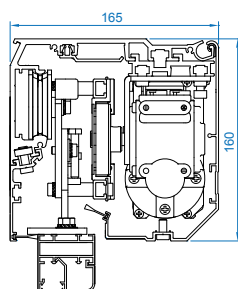
including EN 60335-2-103, 73/23/EC, 2004/18/EC and 2006/42/EC.

POWER AND STRENGTH

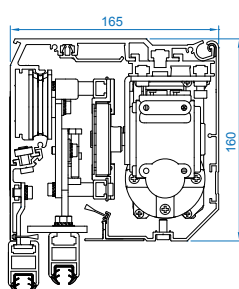
The Global System operator incorporates a geared motor (the most powerful of its range), which allows heavy leaves to reach speeds of up to 1 m/s.

FEATURES AND ADVANTAGES

- Modular and versatile (it has the same motorisation profile box as the Ertain System model).
- Adaptable to all types of profiles up to a width of 65 mm.
- Self-supporting beam-free motorisation profile box.
- Highly reliable electrical blocking with simple-effect electromagnet.
- Strong carriers composed of three nylon wheels running between rails, thus helping to prevent derailments and resulting in the most reliable mechanical system on the market.
- All peripherals are protected against power surges by resettable fuses.
- Battery-powered panic-breakout opening system in the event of power failure.
- Motor power control system with automatic reverse for user safety.
- Can be connected to a PC for centralized door control or for programming.



Compact profile



Slimline profile

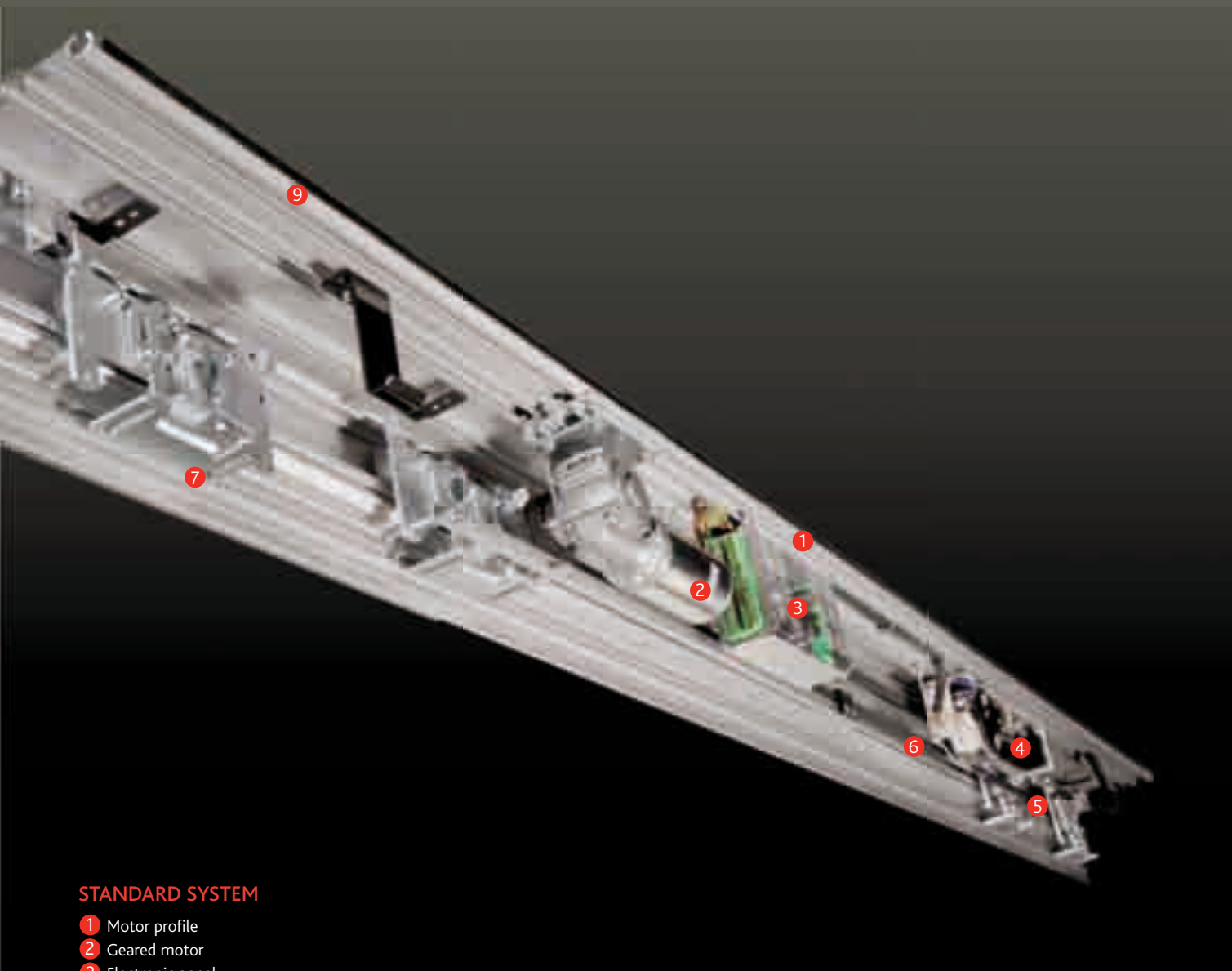
TECHNICAL SPECIFICATIONS

	1450 OPERATOR	1850 OPERATOR	3200 OPERATOR
Free passage (1 leaf)	750 - 1150	950 - 1550	700 - 3000
Free passage (2 leaves)	1100 - 2300	1100 - 3000	1000 - 3000
Minimum leaf width (1 leaf)	750	1000	600
Maximum weight per leaf (2 leaves)	120 + 120 Kg	120 + 120 Kg	120 + 120 Kg
Maximum weight per leaf (1 leaf)	160 Kg.	160 Kg.	160 Kg.
Opening speed	0,4 m/s - 0,9 m/s	0,4 m/s - 0,9 m/s	0,4 m/s - 0,9 m/s
Closing speed	0,2 m/s - 0,6 m/s	0,2 m/s - 0,6 m/s	0,2 m/s - 0,6 m/s
Maximum locking strength	150 N	150 N	150 N
Power supply	220 v (single phase)	220 v (single phase)	220 v (single phase)
Maximum consumption	200 w	200 w	200 w
Maximum leaf thickness	65 mm	65 mm	65 mm
Operator measurements	160 x 165	160 x 165	160 x 165

DOOR FRAME TYPES AVAILABLE

PANIC-BREAKOUT	COMPACT	SLIMLINE	CLIP	CLAMP
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STANDARD SYSTEM

- ① Motor profile
- ② Geared motor
- ③ Electronic panel
- ④ Power supply and battery
- ⑤ Tensor subset
- ⑥ Toothed endless belt
- ⑦ Carriers
- ⑧ Roller tracks
- ⑨ Motorisation profile box

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ERTAIN model

The ERTAIN System operator can be adapted to the needs of each installation. It is prepared for heavy traffic, both in large (supermarkets, hotels, airports, hospitals...) and in small and medium buildings (offices, chemist's, restaurants, points of sale in general...). Its most important features are its silent movement when opening and closing, dynamic stability and its quick and easy installation.

SECURITY AND RELIABILITY

As is the case for its "big brother" (Global System), the ERTAIN System control panel features the very latest in electronic control and safety systems. The system is certified according to the most demanding safety regulations and standards, including EN 60335-2-103, 73/23/EC, 2004/18/EC and 2006/42/EC.

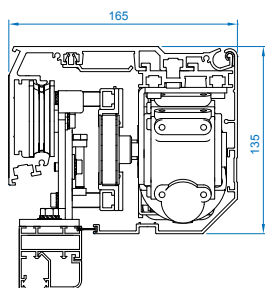
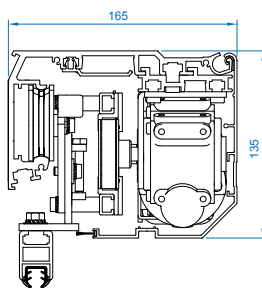
EASY TO INSTALL AND MAINTAIN

The box cover and motor unit are separated in order to make installation easier, and, therefore, it can be assembled by a single person.

The three-wheeled carrier system has been designed so that the wheels can be interchanged, and, hence, it reduces the total cost and ensures the continual operation of the door as a spare wheel is always available.

FEATURES AND ADVANTAGES

- Modular and versatile (it has the same motorisation profile box as the Global System model).
- Adaptable to all types of profiles up to a width of 50 mm.
- Quick installation of the operator in the motorisation profile box by means of a special nut system.
- Strong carriers composed of three nylon wheels running between rails, thus helping to prevent derailments.
- Motor power control system with automatic reverse for user safety.
- Battery-powered panic-breakout opening system in the event of power failure.
- The simplicity of the mechanism makes it easy to maintain.
- Can be connected to a PC for centralized door control or for programming.

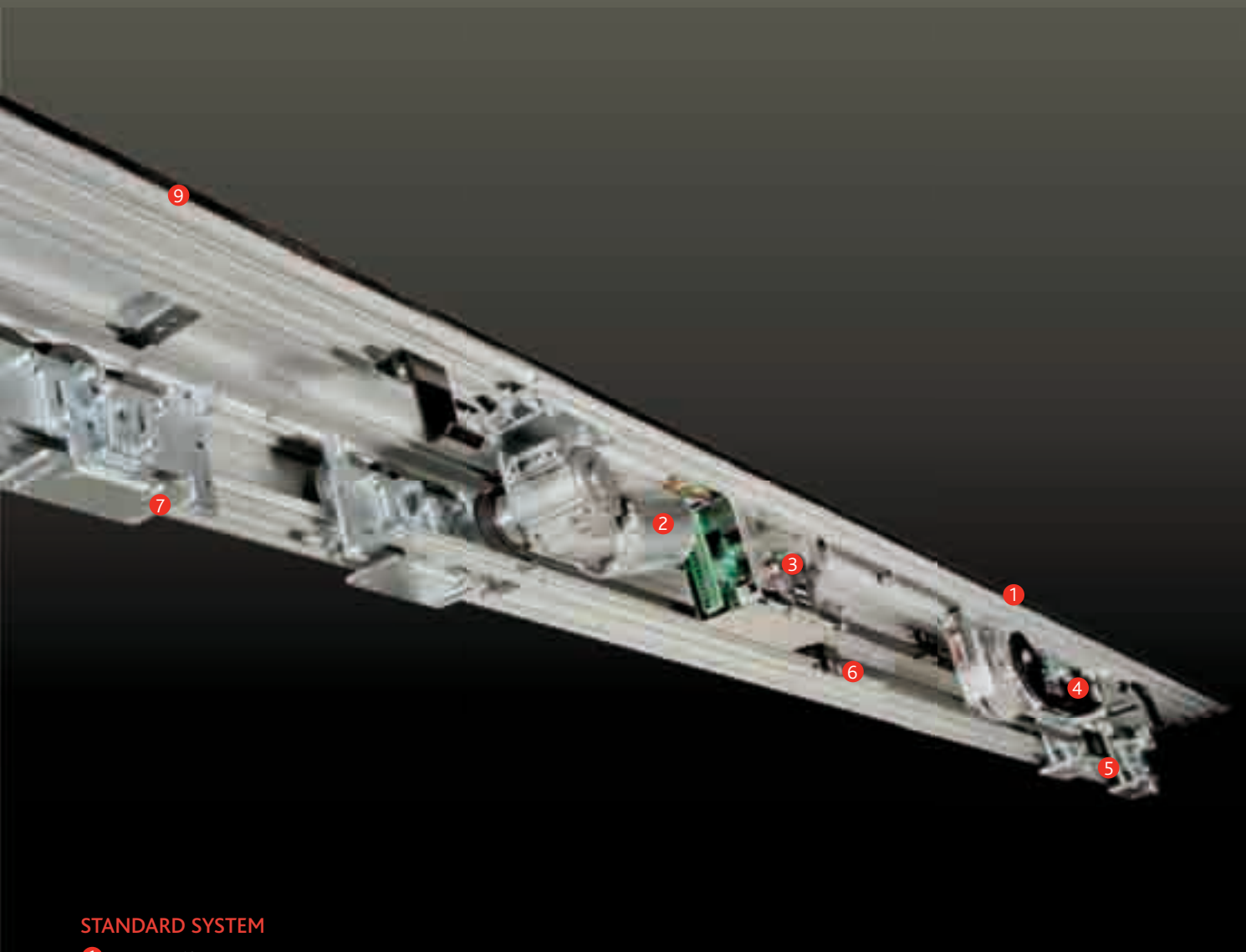
**Compact profile****Slimline profile****TECHNICAL SPECIFICATIONS**

	1450 OPERATOR	1850 OPERATOR	3200 OPERATOR
Free passage (1 leaf)	750 - 1150	950 - 1550	700 - 3000
Free passage (2 leaves)	1100 - 2300	1100 - 3000	1000 - 3000
Maximum weight per leaf (2 leaves)	80 + 80 kg	80 + 80 kg	80 + 80 kg
Maximum weight per leaf (1 leaf)	120 kg	120 kg	120 kg
Opening speed	0,4 m/s - 0,7 m/s	0,4 m/s - 0,7 m/s	0,4 m/s - 0,7 m/s
Closing speed	0,2 m/s - 0,5 m/s	0,2 m/s - 0,5 m/s	0,2 m/s - 0,5 m/s
Maximum leaf thickness	50 mm	50 mm	50 mm
Power supply	220 v (single phase)	220 v (single phase)	220 v (single phase)
Maximum consumption	100 w	100 w	100 w
Operator measurements	135 x 165	135 x 165	135 x 165

DOOR FRAME TYPES AVAILABLE

PANIC-BREAKOUT	COMPACT	SLIMLINE	CLIP	CLAMP
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STANDARD SYSTEM

- ① Motor profile
- ② Geared motor
- ③ Electronic panel
- ④ Power supply and battery
- ⑤ Tensor subset
- ⑥ Toothed endless belt
- ⑦ Carriers
- ⑧ Roller tracks
- ⑨ Motorisation profile box

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TELESCOPIC model

Especially suitable for small spaces where achieving the widest opening possible is essential. The system follows the same modular concept as the other models—an essential characteristic of ERREKA systems—and its design and easy assembly help it to stand out from other products on the market. As is the case with other ERREKA operators, its versatility allows a single operator to be adapted for two or four leaves, different passage widths, or the swing direction for two-leaf systems to be selected with a simple modification during installation.

SECURITY AND RELIABILITY

The Telescopic System operator consists of a Global System operator and a set of specific profiles required to obtain the telescopic system. It therefore possesses the same technical specifications, security systems and certificates as the Global System operator.

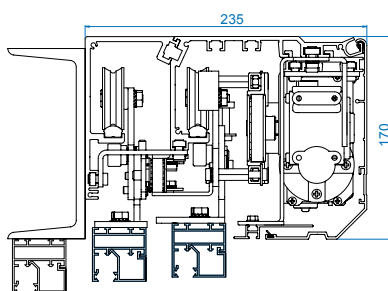
The system is certified according to the most demanding safety regulations and standards, including EN 60335-2-103, 73/23/EC, 2004/18/EC and 2006/42/EC.

POWER: WHAT MAKES THE DIFFERENCE

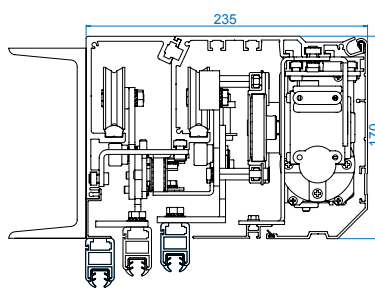
This type of door is where opening speed is of the utmost importance. The Telescopic System operator has a powerful DC motor—the largest in its category—which allows it to reach speeds of up to 1 m/s when opening, thus setting it apart from the other systems on the market.

FEATURES AND ADVANTAGES

- Modular system.
- Quick installation of the operator in the motorisation profile box by means of a special nut system.
- Split-speed system consisting of a double pulley with a toothed neoprene belt.
- Independent roller tracks made of hard-wearing aluminium alloy, fixed with adhesive foam tape to absorb carrier vibrations when moved, which results in silent movement.
- All peripherals are protected against power surges and short circuits by resettable fuses.
- Battery-powered panic-breakout opening system in the event of power failure.
- Motor power control system with automatic reverse for user safety.
- Possibility to install a double door with an airlock system.



Compact profile



Slimline profile

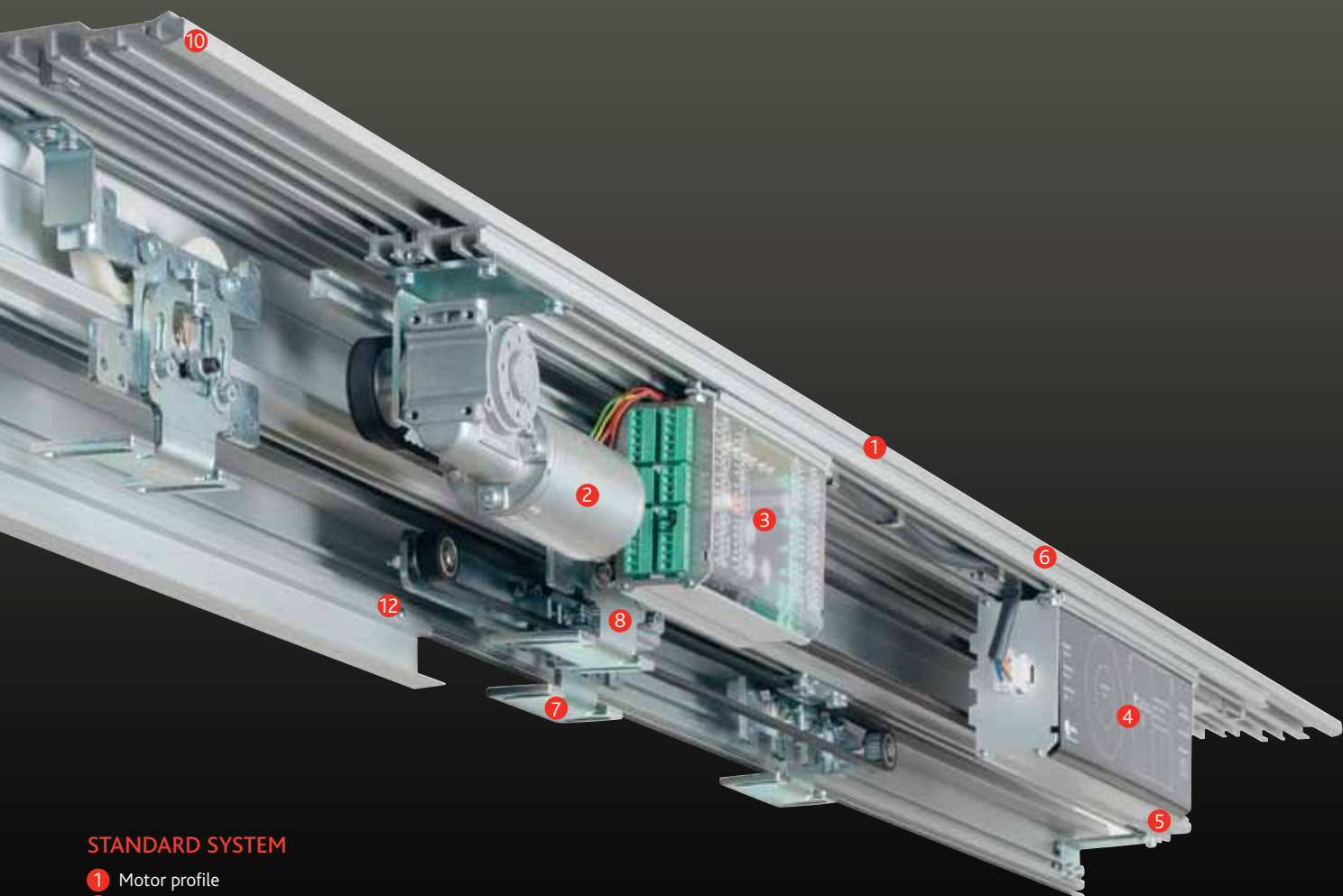
TECHNICAL SPECIFICATIONS

	1450 OPERATOR	1850 OPERATOR	3200 OPERATOR
Free passage (4 leaves)	1800 - 2400	1800 - 3200	3200 - 3800
Free passage (2 leaves)	900 - 1200	1150 - 1600	1600 - 3000
Maximum weight per leaf (4 leaves)	60 Kg.	60 Kg.	60 Kg.
Maximum weight per leaf (2 leaves)	100 Kg.	100 Kg.	100 Kg.
Opening speed	0,4 - 0,9 m/s	0,4 - 0,9 m/s	0,4 - 0,9 m/s
Closing speed	0,2 - 0,5 m/s	0,2 - 0,5 m/s	0,2 - 0,5 m/s
Maximum locking strength	150 N	150 N	150 N
Power supply	220 v (50 hz)	220 v (50 hz)	220 v (50 hz)
Consumption	200 w	200 w	200 w
Operator measurements	170 x 235	170 x 235	170 x 235

DOOR FRAME TYPES AVAILABLE

COMPACT	SLIMLINE	CLIP
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STANDARD SYSTEM

- ① Motor profile
- ② Geared motor
- ③ Electronic panel
- ④ Power supply and battery
- ⑤ Tensor subset
- ⑥ Toothed endless belt
- ⑦ Inner carrier
- ⑧ External carrier
- ⑨ Inner motorisation profile box
- ⑩ External motorisation profile box
- ⑪ Roller track
- ⑫ Split-speed system

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EVOLUTION / SMART model

The EVOLUTION and SMART models are electromechanical operators for swing pedestrian doors. They can be used to automate both pre-existing swing doors and new ones. Their most notable features include robustness and a silent movement. They can be used both indoors and outdoors and on single or double doors. Their design also allows them to be mounted on either side of the door frame as they integrate into any setting.

These models have many applications, including public or private entrances for disabled persons or stores with a continuous stream of people and limited space. They are completely airtight and are therefore highly energy efficient. Furthermore, they have a wide and varied range of accessories to ensure user safety.

EVOLUTION AND SMART operators have a large variety of functions that allows their operation to be adapted to meet the needs of each client. In addition to the usual "Push & Go" and exit-only features, etc., they have others such as a courtesy feature for people with disabilities and an automatic increase in the opening and closing force when windy. They also allow the possibility to increase the waiting time when there is a continuous flow of people or simply to disable the automatic operation and use the door as a manual swing door when necessary.

VERSATILITY

The different swing models adapt to all types of installations.

The **Evolution operator** is available in two models: EVOLUTION B3, with a motorized opening and closing system; and EVOLUTION B1, with motorised opening and spring-based closure. This unit is equivalent to a normal electro-hydraulic system but has a much quieter movement. It can be used both outdoors and indoors and for intensive uses. It is also fitted with a motor to aid the springs when they are unable to close the door properly, especially in areas with strong wind.

This equipment has been certified for all major airports in the world.

The **Smart operator** has an opening motor and a spring closing system. It complies with the LOW ENERGY standards specified for swing doors. The system has all the functions of the Evolution operator and can be used both indoors and outdoors, as well as for intensive uses. The difference between the models is based on the maximum weight of the doors, which in this case is 125 kg.

INSTALLATION OPTIONS

SMART and EVOLUTION operators are easy to install and are available in two models:

• **Articulated arm** (the door opens in the opposite direction to the operator's position).

It requires a minimum height of 120 mm.

• **Rigid arm** (the door opens in the same direction as the operator's position).

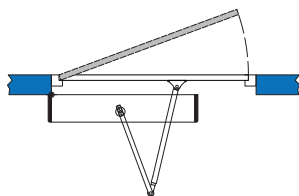
It requires a minimum height of 150 mm.

For double swing doors, the two operators are connected through a cable that synchronizes the master-slave system. Likewise, a casing in the same style as the operator is available to cover the space between the two operators.

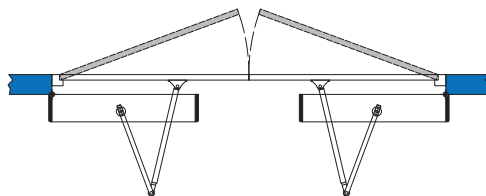
SECURITY AND RELIABILITY

All swing operators have the most advanced control systems, adapted to the current standards and are accredited with the following certificates: EN 60335-2-103, 73/23/CE, 2004/18/CE and 2006/42/CE.

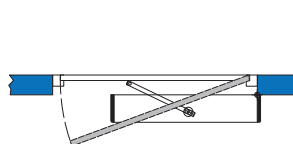
Push arm (one leaf)



Push arm (two leaves)



Pull arm (one leaf)



TECHNICAL SPECIFICATIONS

	EVOLUTION	SMART
Power supply	230 vac	230 vac - 110 vac
Maximum weight per leaf	250 kg	125 kg
Maximum leaf width	1400 mm	1200 mm
Maximum opening angle	95°	95°
Power	75 w	50 w
Airtightness (PI)	IP22	IP22
Operator measurements	106 h x 120 d x 550 l	106 h x 120 d x 550 l





STANDARD SYSTEM

- ① Geared motor
- ② Control panel
- ③ Power panel
- ④ Transformer
- ⑤ Torsion spring
- ⑥ Geared pulley system
- ⑦ Motorisation profile box

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ACCESSORIES

Global Selector/Ertain System



The device allows selecting different operating modes (open or closed door, exit-only or bi-directional traffic, partial opening, manual, gap opening, etc.), adjusting the parameters (opening and closing speed, opening hold time, acceleration ramps, etc.) and performing failure diagnosis.

Card reader



Proximity reader that enables access to staff who have a transponder signal transmitter. The transmitter is manufactured in a keyring format.

Rotary key selector



4 position key selector. The device consists of a cylinder and a black anodised printed plate. It is possible to choose between 3 operating modes: automatic, open and closed door, as well as the reset position.

Numeric keyboard



Access control device that restricts user's access by means of numeric codes.

Disabled button



Button finished in stainless steel, designed to facilitate entry for disabled people. Optional remote system to facilitate installation.

Evolution/Smart function selector



Function selector for swing door operators, with a protective front cover, and an integrated blocking key to prevent manipulation. The device allows adjusting all the parameters and functions that the operator includes. It is possible to select between 5 different operating modes.

Proximity push button



Actuator device that emits an opening signal when passing the hand near it, without any need to make contact. Suitable for installations that require a high degree of hygiene conditions, such as hospitals or laboratories, where it is important to avoid accumulating bacteria due to hand contact.

Fingerprint controller



Access control device with a fingerprint reader that permits access only to authorized persons. In addition to fingerprint reading, the device enables to include a double security system through numeric codes.

External key



Switch key that allows the door to be closed from the outside. It consists of a switch cylinder fixed to a black anodised aluminium plate.

Microwave radar



Highly reliable, precise and stable movement detector controlled by microprocessor. It can be installed up to 4 metres high, and detects a minimum speed of 5 cm/s. It has an adjustable maximum detection area of 4 metres in length and up to 3 metres in width. The door remains open between 0.5 and 13 seconds after detection (also adjustable).

Active infra-red sensor



New-generation infra-red radiation detector. Specially designed to minimize phantom operation caused by adverse environments (marble floors, fluorescent lighting, etc.). It can be installed up to 3 metres high, and has an adjustable maximum detection area of 2.5 metres in length and 3.5 metres in width. The door remains open for 3 seconds after detection.

Activation Kit



Device consisting of an infra-red presence detector and a push sticker. Particularly suitable for installations that require short sensor detection scope. It prevents doors from opening when people pass by. The sensor is directed towards the push sticker's location, and, therefore, it will only detect a presence when bringing the hand near to the push sticker.

Remote control



Radio transmitter with a plug-in receiver panel. It is possible to select between 3 operating modes: automatic, open door or closed door.

Active safety sensor



Specially designed for swing door safety. The active infra-red technology uses a master-slave system. It detects presence at all times, even in the absence of movement, and has an extremely rapid response time (less than 50 ms.). The distance of detection, opening hold time, lighting options, etc. are adjustable. It is not sensitive to colours or variations in ground reflectivity.

Sensor with activation and security barrier



Movement detector with a double active infra-red security barrier. It is easily installed and includes both detection and security functions (there is no need to install a photocell).

Elbow-operated button



Actuator device activated using the elbow, specially designed for facilities that require certain sanitary conditions. It is aesthetically suitable to be integrated into panels, thanks to its low depth and matt-finished stainless-steel design.

Ertain System/Global electro-lock



Blocking device that consists of a monostable electromagnet with a pin to block the leaves' displacement cart. It includes a manual device to unblock the door from the inside.

Photocells



Infra-red barrier consisting of a transmitter and a cylindrical receiver with integrated amplification. Designed to ensure sliding and telescopic door safety, using a presence detection device (by switching). Its reduced size enables installation in any profile. It is protected against ambient light disturbances and erroneous connections of short duration.

ERREKA CONTROL SYSTEM

ERREKA Automatic Doors responds to its customers' needs, offering them an added value for their automated access systems. In this regard, and as a result of the innovation process, which is key to ERREKA's strategy, we offer the ERREKA Control System, an automatic door management system that enables controlling up to 100 automatic doors from a single PC.



ERREKA AUTOMATIC DOORS (MATZ - ERREKA, S.COOP.)

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