



AUTOMATIC DOORS



we open for you
the doors

ERREKA AUTOMATIC DOORS

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Erreka Automatic Doors



ERREKA Automatic Doors is one of the four business units within **Matz-Erreka S. Coop.**, a cooperative belonging to **Grupo Mondragón** (www.mcc.es), which is one of the leading groups in Europe with a staff of over 75.000 employees, and with 15 technology centres, one university, and more than 130 international deployments.

ERREKA Automatic Doors is one of the main manufacturers in the sector and **it is the company with the highest levels of growth**, its commercial network today spreads throughout Spain with 8 branches. Abroad, the company has its own branches settled in Mexico, UK, Belgium and the Netherlands, and cooperates with national and local distributors of different countries.

ERREKA Automatic Doors offers a wide range of **solutions for the automation of entrances for persons**. It offers a comprehensive service, interacting with the client throughout the process. ERREKA's *raison d'être* is innovation and excellence in the ser-

vice provided to our clients, therefore offering a wide technical and commercial network which enables the client to receive advice before, during and after the installation, and to be able to arrange for maintenance service and use its technical support service.

ERREKA Automatic Doors are equipped with the most **advanced security and control systems**, guaranteeing optimum operation and observance of standards. A high level of technology and quality enables us to achieve a perfect solution both in terms of the technical aspects and aesthetics, and one of our key principles is to **ensure energy efficiency for our clients**.

The quality and occupational health and safety systems are endorsed by **ISO 9001** and **OHSAS 18001** certification, respectively. Furthermore, Matz-Erreka, for its Ibarreta plant, has been awarded **ISO 14001 certification in relation to its environmental management**.



All of our resources at your disposal



Advice.

- Our commercial team is highly qualified and committed to advising the client on the solution that is best suited to their requirements.

Personalised production and record delivery time.

- We manufacture automatic doors, create systems, develop the engineering and adapt the products to your requirements.
- We are the No.1 Company in Europe in operator delivery times from our headquarters in Spain for operators and frames orders, due to our manufacturing system and to the intrinsic modular nature of our product.

Transport to your facilities.

- Due to the synergy we enjoy within the Mon-dragón group, we manage deliveries efficiently to our customers' address.

Assembly and Installation.

- We have our own highly-qualified staff and an extensive network (the largest in the sector in Spain) of approved installers.

Post-sales service: +34 902 501 694.

- Rapid response maintenance teams at your service when you need them.
- Advice on works, continuous training for approved installers, technical assistance and equipment maintenance.

SLIDING DOORS **PINZA** model



The **PINZA** model provides the **maximum elegance and visibility of the interior to entrances**. It is designed for doorways where, for aesthetic reasons, frames must be avoided and full glass is the best option. This model is ideal for interior entrances and for offices in particular.

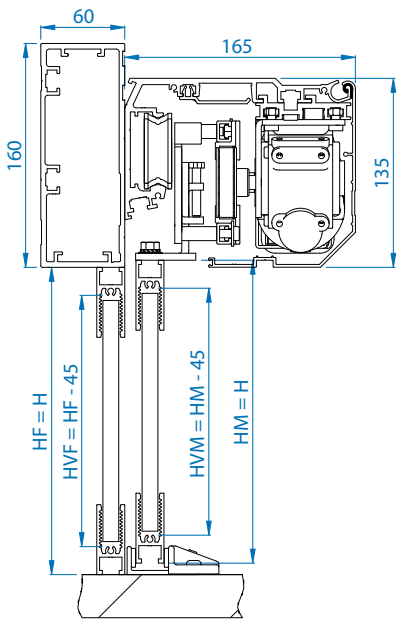
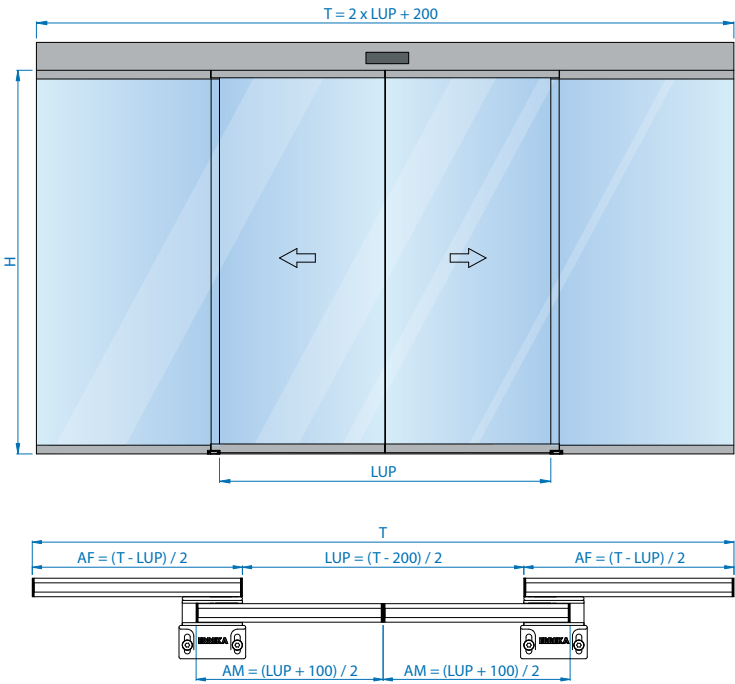
There are 2 installation solutions available: with a top and bottom frame or with a top frame and full glass at the bottom.

Panels from 4+4 to 6+6 can be installed and they are secured with special silicone.

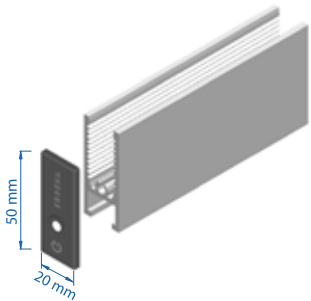
The model is supplied with a specially designed plastic cover to ensure that the leaves meet smoothly, leaving a small gap to prevent the panes from knocking against each other and enhancing the look of the clip.



PINZA FRAMES



PINZA model



CONFIGURATIONS

OPERATORS	NUMBER OF LEAVES		FINISHING
Global	1 moving	+ 0 fixed	Lacquered: all RAL colours. Anodized finishing: silver, bronze, black, matted gold, titanium and special anodized finishing Stainless steel: grade 304, 316 satin finish, glossy and polished with emery.
Ertain	2 moving	+ 0 fixed	
	1 moving	+ 1 fixed	
Telescopic	2 moving	+ 2 fixed	
	4 moving	+ 0 fixed	
	4 moving	+ 2 fixed	
	2 moving	+ 1 fixed	

SLIDING DOORS

MORDAZA model



The **MORDAZA** model allows for **maximum visibility** of entrances as it is the **frameless** and thus the one showing more **full glass**. Therefore, this model provides entrances with an avant-garde and elegant look.

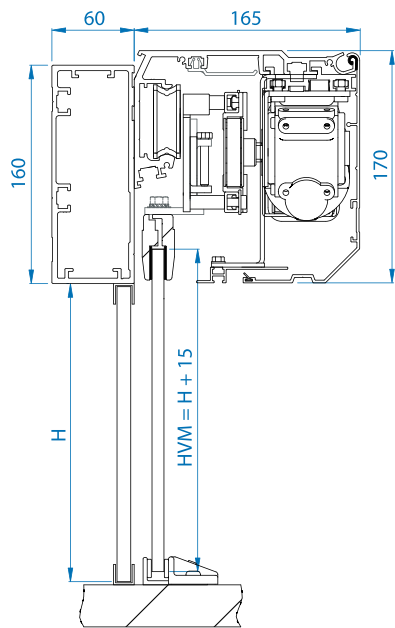
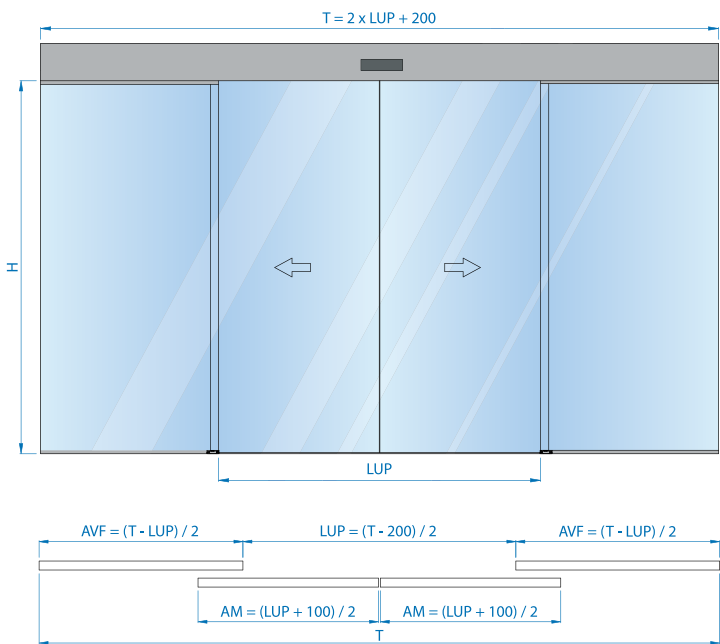
Due to a non-slip material located inside the clamp, this model ensures a secure grip (up to 150kg per leaf).

The **MORDAZA** model also offers the advantage that there is no need to drill or work the glass, as the clamp supports it through pressure, making it easy to install or replace the glass.

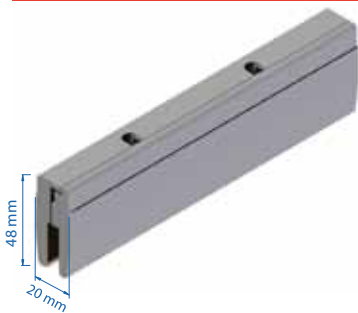
We have an additional **MORDAZA LARGA** model, which apart from being optional, its appearance is similar to the **PINZA** model and it is valid for 4+4 mm and 5+5 mm glass and leaves with an up to 1.2 metres width.



MORDAZA FRAMES



MORDAZA model



MORDAZA LARGA model



CONFIGURACIONES

OPERATORS	NUMBER OF LEAVES	FINISHING
Global	1 moving + 0 fixed	Anodized finishing: silver
	2 moving + 0 fixed	
Ertain	1 moving + 1 fixed	
	2 moving + 2 fixed	

SLIDING DOORS

SLIM 20 model



The **SLIM 20** model has been designed to provide entrances with a modern and functional appearance, without losing strength. It complies with the new European standard EN 16361. This is the perfect model for entrances where it is necessary to keep average sealing levels while keeping a **clear view of the interior**, where **glass is the main element**, as the fine measurements of the vertical and horizontal profiles of the frame are 20 x 26 mm and 20 x 55 mm, respectively. This model is recommended for all kind of entrances that are in direct contact with the street, such as chemists', restaurants and shops.

This model is very easy to install because it uses the same profile for the frame, guide and housing functions

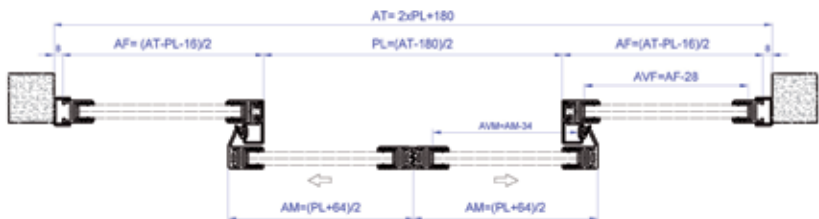
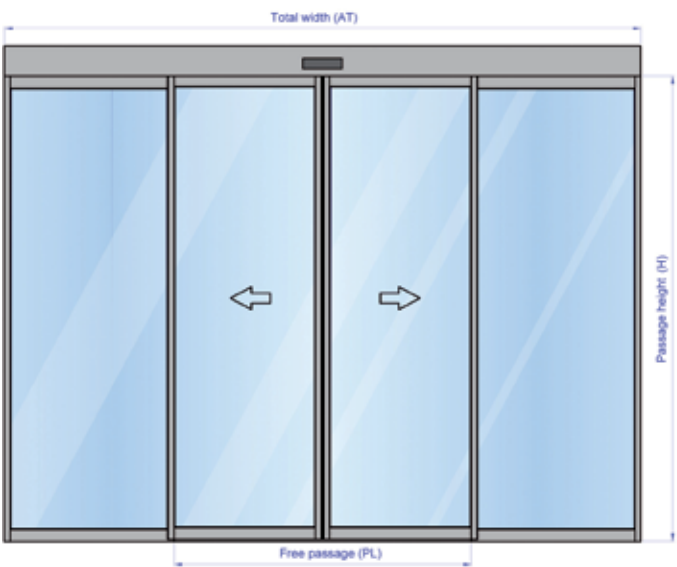
necessary for coupling the moving leaves. The assembly of frames is made through angle joints, thereby making fitting easier. The structure is fitted with an overlapped cover profile that is fixed by crimping.

This frame can be used with glass from 4+4 mm to 6+6 mm with U-shaped rubber glass seals for each thickness. This therefore guarantees that the glass is firmly secured in all cases.

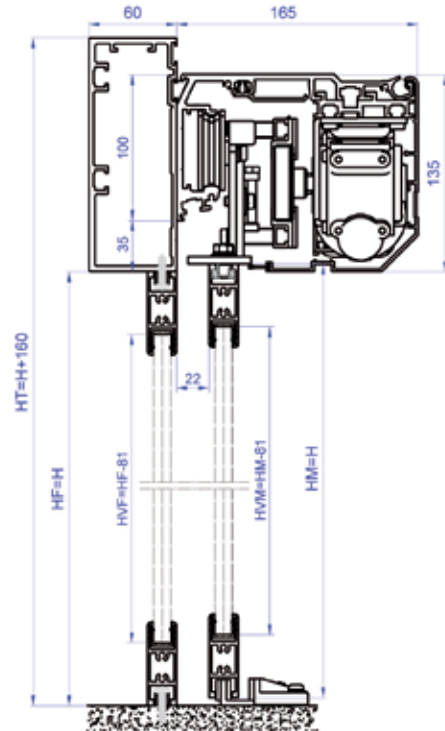
The rubber seals between the leaves make the frame completely airtight. Where there are only moving leaves, an overlapping frame is provided which is fixed to the wall and to which the weather strip is applied to make them completely airtight.



SLIM 20 PROFILE



Erreka self-supporting box profile with fixation



SLIM 20 FRAME



CONFIGURATIONS

OPERATORS	NUMBER OF LEAVES	FINISHING
Global	1 moving + 0 fixed	Lacquered: all RAL colours. Anodized finishing: silver, bronze, black, matted gold, titanium and special anodized finishing.
Ertain	2 moving + 0 fixed	
	1 moving + 1 fixed	
	2 moving + 2 fixed	
Telescopic	4 moving + 0 fixed	
	4 moving + 2 fixed	
	2 moving + 1 fixed	

SLIDING DOORS

ECO 32 model



The ECO 32 model is specially designed to comply with European Standard EN 16361. Its **robust framed profile** that provides maximum watertight integrity, makes it the right solution for cases in which **energy efficiency** is an essential requirement. This model reaches **thermal transmittance** values that are unusual for sliding doors, thanks to the overlaps with double rubber sealing and lower brushes for mobile door leaves. These levels of thermal transmittance are also achieved with the **installation of laminated double glazing**.

The dimensions of this model are 32 mm width and 60 mm height. It consists of five aluminium profiles, four rubber weather strips and floor brush for moving leaves. Door leaves are formed by two different frames: two upper and lower horizontal frames and two side frames. Frames are

fixed at 90° by means of two self-tapping screws and one angle support.

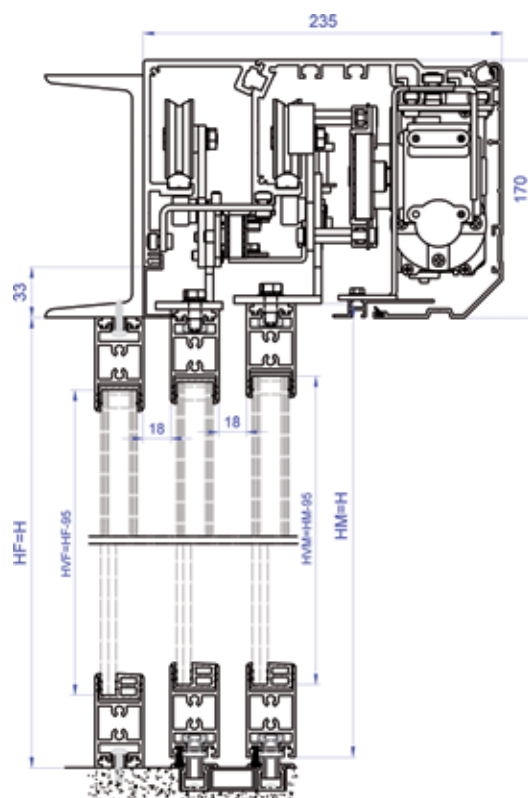
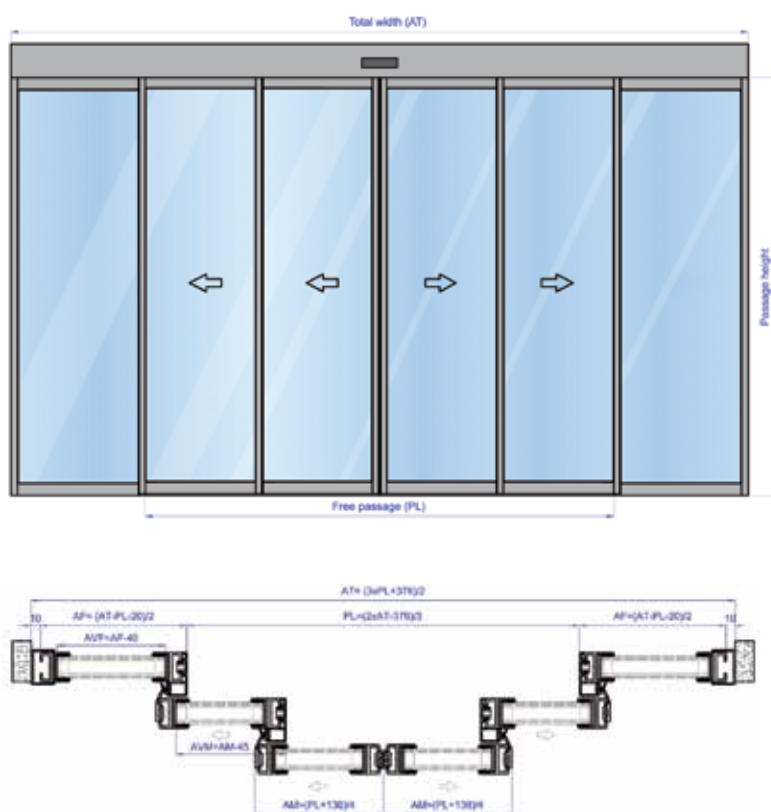
Fitting gaps for all types of configurations meets the requirements of the European Standard EN 16005 on Safety.

Airtightness is ensured thanks to overlapping profiles, double rubber and lower brushes. The double rib closing rubber ensures a better closing that does not move with wind.

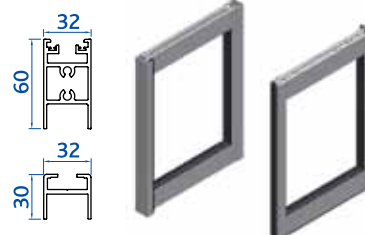
10 and 12 mm thick laminated glass can be installed, as well as double glass with 22 and 24 mm chamber. The built-in **ECO 32 Security** lock and **ECO 32 MULTILOCK** system can be installed in this type of profiling.



ECO 32 PROFILE



ECO 32 FRAME



CONFIGURATIONS

OPERATORS	NUMBER OF LEAVES	FINISHING
Global	1 móvil + 0 fijas	Lacquered: all RAL colours. Anodized finishing: silver, bronze, black, matted gold, titanium and special anodized finishing.
	2 móviles + 0 fijas	
Ertain	1 móvil + 1 fija	
	2 móviles + 2 fijas	
Telescopic	4 móviles + 0 fijas	
	4 móviles + 2 fijas	
	2 móviles + 1 fija	

SLIDING DOORS

COMPACT model



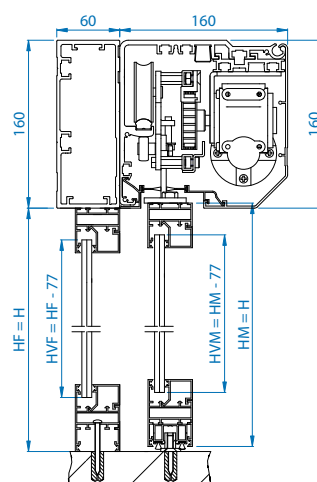
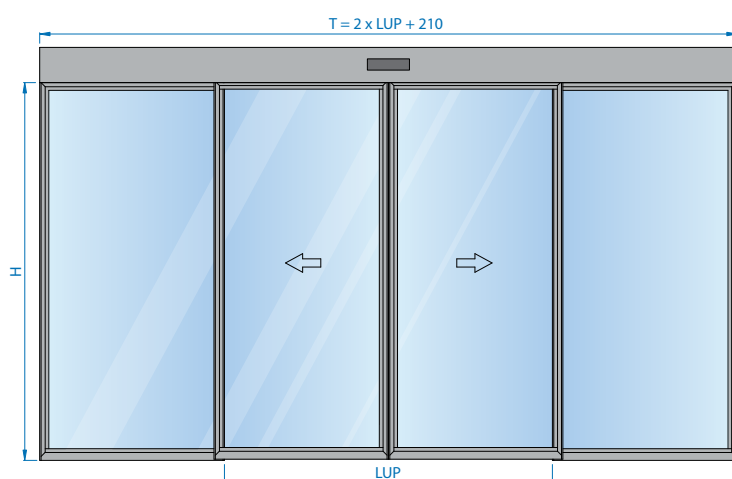
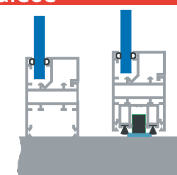
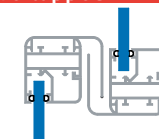
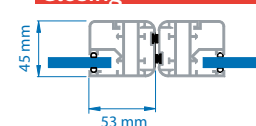
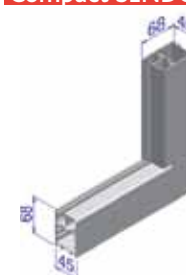
The **COMPACT** model is designed to offer the **highest performance in terms of airtightness and robustness**, whilst paying attention to the aesthetics. It is the ideal model for **entrances with a high traffic flow** and through which people are carrying shopping trolleys or suitcases (airports, train stations, supermarkets). This model is fitted with an overlapped profile that drastically reduces the amount of air that passes through the door when it is closed.

The **COMPACT** model allows for all kinds of glass to be fitted (from Stadip to glass with an air chamber) and as with the whole **ERREKA** range, fitting is extremely simple (snap-in system) thus improving the delivery / assembly time.

The frame measurements are 45 mm (width) x 53 mm (height).

The guide is manufactured in wear-resistant material and with a particularly low friction coefficient. As the door opens, the seal also has a rounded overlap which reduces the possibility of damage due to catching. For the sealing of moving leaves, it also has a frame with rounded edges and a brush seal, thus making it more airtight and secure. The snap-in profile system used also enables the automation and frames to be installed first, inserting the glass afterwards. This simplifies the process, thus saving on labour and time.

We also supply the **COMPACT SENDO** supplementary range, which dimensions (45 x 68 mm) that provide the structure greater strength.

**COMPACT PROFILE****Guided****Overlapped****Closing****Snap-in profile****Compact model****Compact SENDO model****CONFIGURATIONS**

OPERATORS	NUMBER OF LEAVES		FINISHING
Global	1 moving	+ 0 fixed	Lacquered: all RAL colours. Anodized finishing: silver, bronze, black, matted gold, titanium and special anodized finishing. Inoxidable: perfil especial 40 mm x 32 mm
Ertain	2 moving	+ 0 fixed	
	1 moving	+ 1 fixed	
Telescopic	2 moving	+ 2 fixed	
	4 moving	+ 0 fixed	
	4 moving	+ 2 fixed	
	2 moving	+ 1 fixed	

SLIDING DOORS

PANIC BREAK OUT model



The **PANIC BREAK OUT** push system, by transforming the sliding door into a swing door, allows for the **maximum opening possible** to enable pedestrians to pass through freely in the event of an emergency.

This model is highly recommended for **any kind of entrance with a large flow of traffic** and which requires people to be evacuated rapidly, in addition to having an added value at entrances where large spaces are required at specific times for traffic flow, such as car dealers, for instance.

The **PANIC BREAK OUT** model has two options: the integral panic system, with a swing opening of all leaves (fixed and moving) and the moving leaves op-

tion which, as its names suggests, only allows these leaves to turn into swing doors.

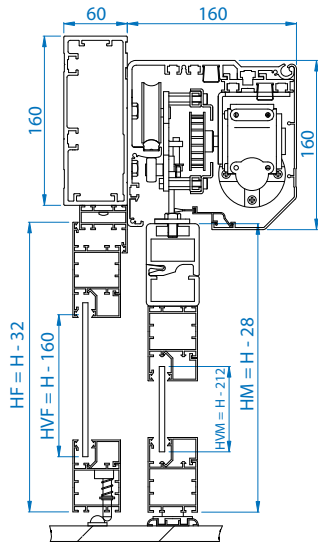
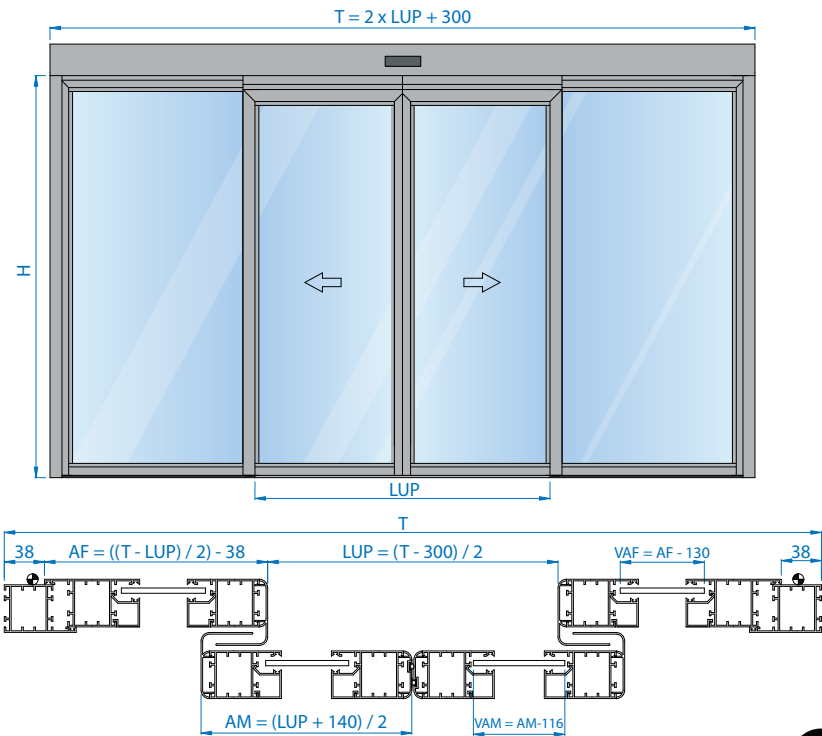
The frame is 45 mm (wide) x 76 mm (high), which added to the metal fittings which **allow for folding**, **make the whole door very robust**, thus ensuring the safety of the user should the doors be pushed in the event of an emergency.

It includes overlapping frames and sealing to ensure airtightness.

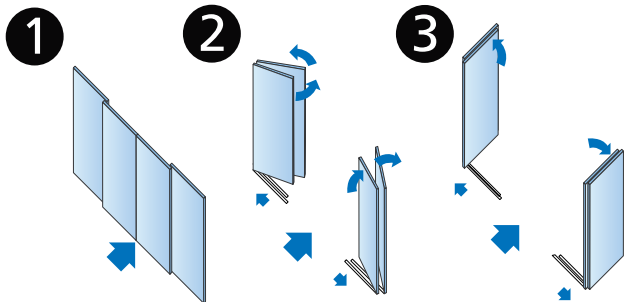
The glazing is snapped in and allows for the installation of glass panes from 3+3 to 6+6 mm.



PANIC BREAK OUT FRAME



PANIC BREAK OUT OPENING SYSTEM



CONFIGURATIONS

OPERATORS	NUMBER OF LEAVES	FINISHING
Global	2 moving + 0 fixed	Lacquered: all RAL colours.
Ertain	1 moving + 1 fixed	Anodized Finishing: silver, bronze, black, matted gold, titanium and special anodized Finishing
	2 moving + 2 fixed	

OPERATORS

ERTAIN model

The features of the Ertain operator model are adaptable to different installation requirements. It is designed for **heavy traffic flow situations both for large facilities (supermarkets, hotels, airports, hospitals...)** and medium and small facilities (offices, chemist's shops, restaurants, points of sale...) The main features of this model are **silent opening / closure movements, dynamic stability and easy and quick installation.**

SAFETY AND RELIABILITY

The ERTAIN System control panel, as it's big brother version the Global System, is fitted with the latest electronic features for the control and safety of the unit. This system has been certified with the most demanding regulations and standards on safety, such as EN 60335-2-103, 73/23/CE, 2004/18/CE, and 2006/42/CE. It also complies with the European Standard **EN 16005**.

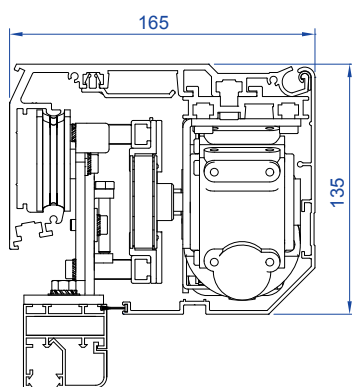
EASY INSTALLATION AND MAINTENANCE

The difference between the box profile and motorisation profile makes the door fitting easier, thereby allowing for a **single technician to carry out the installation works.**

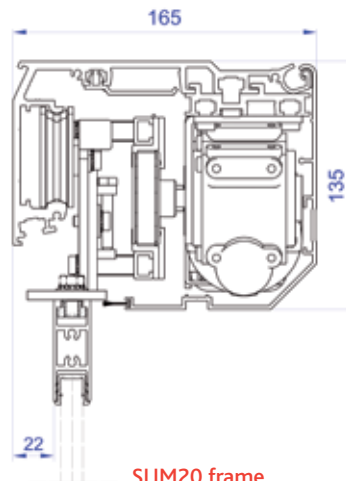
The three wheel carriers are designed so they are interchangeable with each other, thereby reducing the total costs and ensuring the constant operation of the door. Thus, an extra wheel is always available.

FEATURES AND ADVANTAGES

- Modular and versatile (it has the same box profile as the Global System).
- Adaptable to all types of 50 mm wide profiles.
- Quick installation system for the box profile operator by means of a special nuts system.
- Extremely strong carrier fitted with three nylon wheels guided between safe tracks that prevent derailment.
- Motor force control system with automatic reversion for users' safety.
- Battery powered anti-panic opening system (in case of power supply failure).
- Simple mechanism that makes maintenance tasks easier.
- PC connection for a centralised door control or programming.



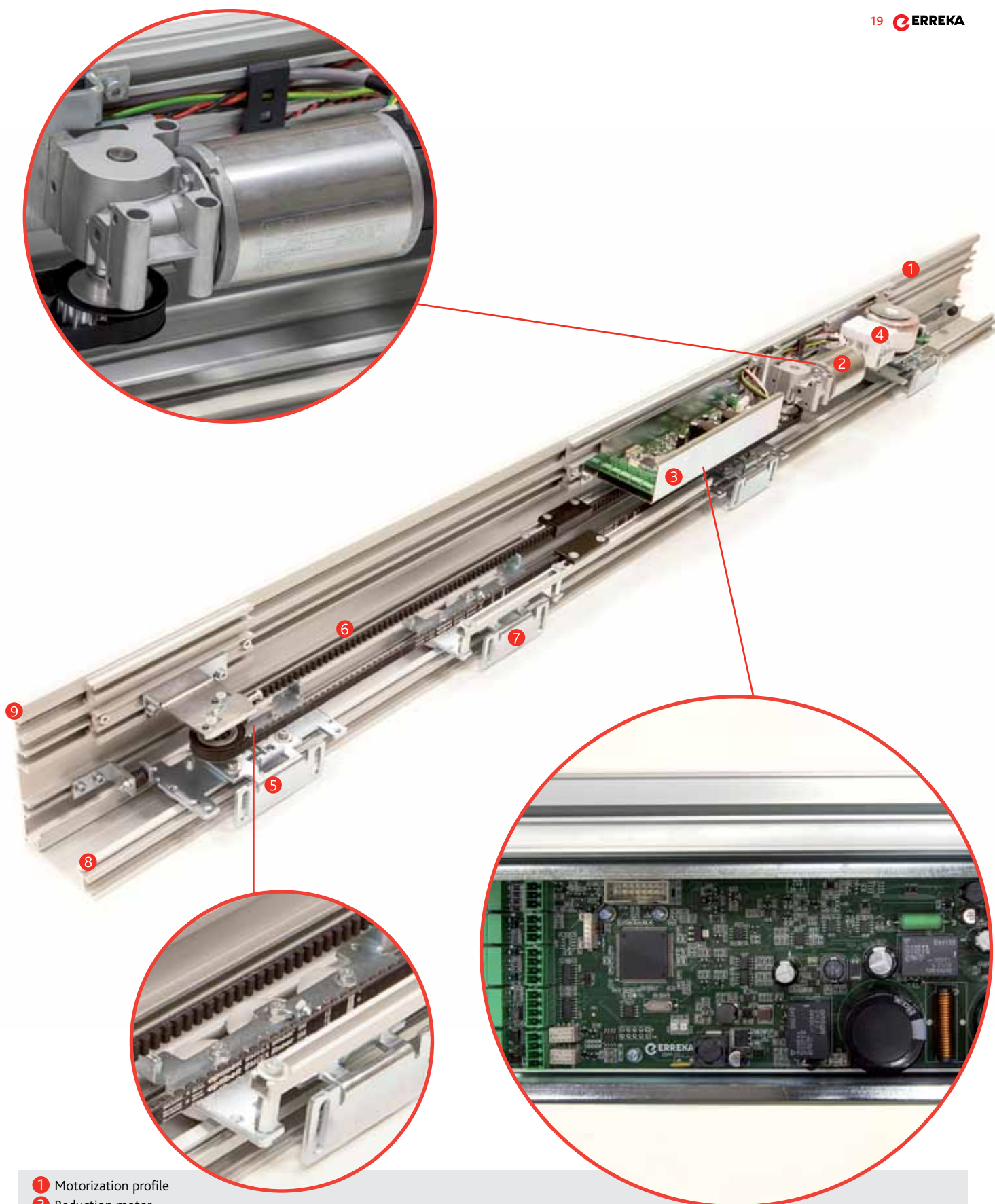
Compact frame



SLIM20 frame

TECHNICAL SPECIFICATIONS

	OPERATOR 1450	OPERATOR 3200
Free passage (1 leaf)	750 - 1150	700 - 3000
Free passage (2 leaves)	1100 - 2300	1000 - 3000
Maximum weight per leaf (2 leaves)	80 + 80 kg	80 + 80 kg
Maximum weight per leaf (1 leaf)	120 kg	120 kg
Opening speed	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
Maximum thickness per leaf	50 mm	50 mm
Power supply	220 v (single phase)	220 v (single phase)
Maximum consumption	100 w	100 w
Operator dimensions	135 x 165	135 x 165



- 1 Motorization profile
- 2 Reduction motor
- 3 Electric control board
- 4 Power supply and battery
- 5 Tensor subassembly
- 6 Endless clog belt
- 7 Carriers
- 8 Roller track
- 9 Box profile

OPERATORS

GLOBAL model

The GLOBAL System operator is the best choice for your most demanding projects, especially for **heavy doors**. It is a very thorough product that can be adapted to any of the requirements of your installation. A **flexible and standard** system that allows to install, easily and without mechanic changes, the same operator in single-leaf or two-leaf doors with different passage widths, or to **select the opening direction** in single-leaf doors operators.

All these features make it perfectly adaptable to different access configurations for all types of buildings (supermarkets, hotels, airports, and so on).

SAFETY AND RELIABILITY

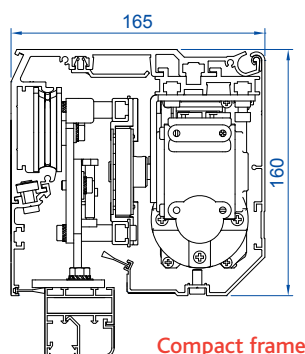
The Global System control panel is fitted with the latest electronic features and a self-adjustment smart system that releases technicians from making any **adjustment** on the door. It complies with the corresponding safety requirements and can be **adapted to any emergency system**. Besides, the Global System includes control panels that prevent people from getting trapped by means of a **triple position, time and power consumption control**. This system has been certified with the most demanding regulations and standards on safety, such as EN 60335-2-103, 73/23/CE, 2004/18/CE, and 2006/42/CE. It also complies with the European Standard **EN 16005**.

POWER AND ROBUSTNESS

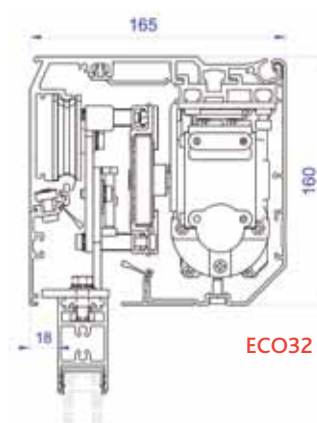
The Global System operator is fitted with a reducer motor with the greater power in its class that allows very heavy door leaves **to reach up to 1 m/s speed**.

FEATURES AND ADVANTAGES

- Modular and versatile (it has the same box profile as the Ertain System).
- Adaptable to all types of 65 mm wide profiles.
- Self-supporting box profile without beam.
- Electrolock fitted with a highly reliable simple effect electric magnet.
- Extremely strong carrier fitted with three nylon wheels guided between safe tracks that prevent derailment. This is the most reliable mechanical system in the market.
- Auxiliary devices protected against overvoltage by electromagnetic switches.
- Battery powered anti-panic opening system (in case of power supply failure).
- Motor force control system with automatic reversion for users' safety.
- PC connection for a centralised door control or programming.



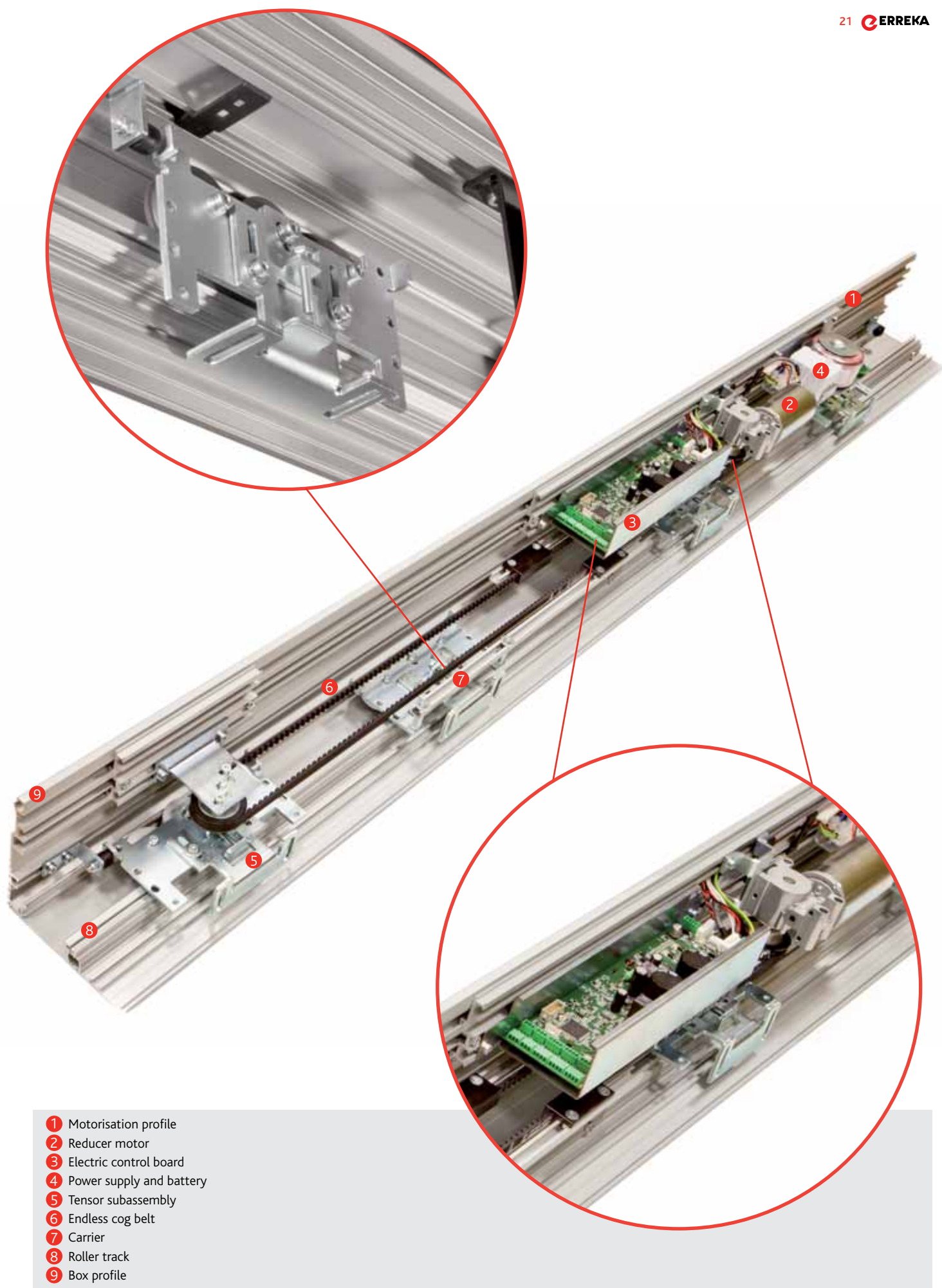
Compact frame



ECO32 frame

TECHNICAL SPECIFICATIONS

	OPERATOR 1450	OPERATOR 3200
Free passage (1 leaf)	750 - 1150	700 - 3000
Free passage (2 leaves)	1100 - 2300	1000 - 3000
Minimum leaf width (1 leaf)	750	600
Maximum weight per leaf (2 leaves)	120 + 120 Kg	120 + 120 Kg
Maximum weight per leaf (1 leaf)	160 Kg.	160 Kg.
Opening speed	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
Maximum closing force	150 N	150 N
Power supply	220 v (single phase)	220 v (single phase)
Maximum power consumption	200 w	200 w
Maximum leaf thickness	65 mm	65 mm
Operator dimensions	160 x 165	160 x 165



OPERATORS

TELESCOPIC model

Especially **suitable for small spaces** where a maximum opening is required. While keeping the **modular concept**, a basic feature of ERREKA systems, its design and easy installation turns this model into a product that is totally different from other products available in the market. Like other ERREKA systems, the versatility of this model allows a single operator, and with just a single change during the assembly process, to adapt the system to two-leaf or four-leaf doors and different passage widths, as well as to select the opening direction for two-leaf door systems.

SAFETY AND RELIABILITY

The Global System operator and a set of specific profiles necessary to obtain a telescopic system form the Telescopic System operator. Thus, this model is fitted with the same technical characteristics, safety systems and certificates as the Global System operator.

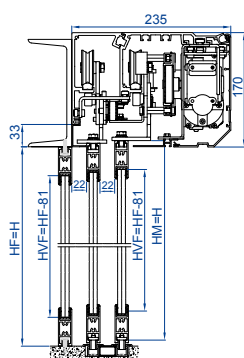
This system has been certified with the most demanding regulations and standards on safety, such as EN 60335-2-103, 73/23/CE, 2004/18/CE and 2006/42/CE. It also complies with the European Standard EN16005.

POWER: AN IMPORTANT FACTOR

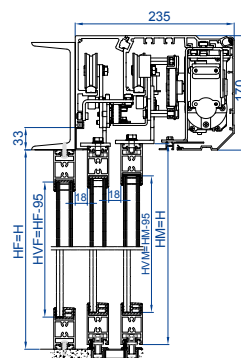
In these type of doors, the **opening speed** is a very important factor. The Telescopic System operator is fitted with a **powerful DC motor**, the most powerful in its class, which allows for an opening speed of up to **1 m/s**. This model is completely different to similar systems available in the market.

FEATURES AND ADVANTAGES

- Modular system.
- System for quick installation of the operator on the box section using special nuts.
- Speed division system using a double pulley with a neoprene cog belt.
- Separate high wear-resistant aluminium alloy roller track fixed with adhesive foam tape to absorb the vibration of carriage movements, thereby reducing noise.
- Auxiliary devices protected against overvoltage by electromagnetic switches.
- Battery powered anti-panic opening system (in case of power supply failure).
- Motor force control system with automatic reversion for users safety.
- A double door can be installed with a lock system.



Telescopic SLIM 20 frame



Telescopic ECO 32 frame

TECHNICAL SPECIFICATIONS

	OPERATOR 1450	OPERATOR 3200
Free passage (4 leaves)	1800 - 2400	3200 - 3800
Free passage (2 leaves)	900 - 1200	1600 - 3000
Maximum weight per leaf (4 leaves)	60 Kg.	60 Kg.
Maximum weight per leaf (2 leaves)	100 Kg.	100 Kg.
Opening speed	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
Maximum closing force	150 N	150 N
Power supply	220 v (50 hz)	220 v (50 hz)
Power consumption	200 w	200 w
Operator dimensions	170 x 235	170 x 235



- ① Motorisation profile
- ② Reducer motor
- ③ Electric control board
- ④ Power supply and battery
- ⑤ Tensor subassembly
- ⑥ Endless cog belt
- ⑦ Internal carrier
- ⑧ External carrier
- ⑨ Interior box profile
- ⑩ External box profile
- ⑪ Roller track
- ⑫ Speed division system

SWING DOORS

SMART / EVOLUTION operators



The **EVOLUTION** and **SMART** models are electromechanical models for pedestrian swing doors that meet the European Standard EN 16005 on Safety.

They can be used for automating existing swing doors or on new installations. Their main characteristics are their **robustness** and **silent movement**. They can be used both inside and outside for double or single doors and can be mounted on either of the two sides, given that their design facilitates their **integration into any environment**.

These models have many applications, particularly in terms of **private and public entrances for disabled people** or establishments with **high traffic flows** and **limited space**. They are extremely airtight and therefore

highly energy efficient and have a wide and varied range of accessories to make the safety of the user a priority.

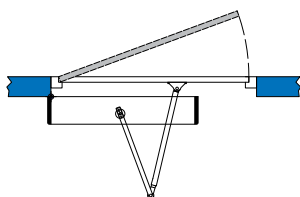
The **EVOLUTION AND SMART** operators have a **wide range of functions** which **enable their operation to adjust** to the needs of each client.

In addition to the usual "Push & Go", exit only, etc., functions, they have others such as the courtesy function for the disabled, and an automatic increase in the opening and closing force when it is windy. They also include the option of increasing the standby time when there is a high traffic flow or simply deactivating the automatic operation and using the door as a manual swing door when necessary.

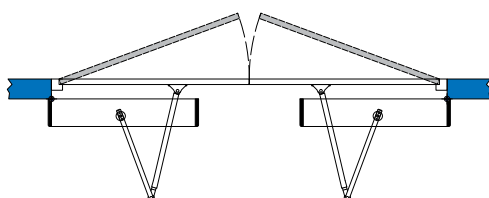


SMART / EVOLUTION MODELS

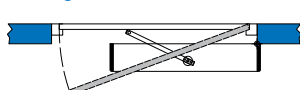
Pushing arm (one leaf)



Pushing arms (two leaves)



Pulling arm (one leaf)



INSTALLATION

The **SMART** and **EVOLUTION** operators allow for simple installation.

They offer two installation methods:

- **Articulated arm:** opening away from the operator. A minimum height of 120 mm is required for its installation.
- **Rigid arm:** opening towards the operator. A minimum threshold height of 150 mm is required for its installation.

Where the threshold is not very high, there is the possibility of positioning the operator on the leaf itself. For double swing doors the connection between the two operators is by means of a cable provided for this purpose which synchronises the "master-slave" system. A casing is also available with the same appearance as the operator to cover the gap between the two operators.

VERSATILITY

There is one version of the **SMART** system:

- **SMART B1:** electromechanical operator with motor opening and spring closure.

There are two versions of the **EVOLUTION** system:

- **EVOLUTION B3:** electromechanical operator with motor opening and closure.
- **EVOLUTION B1:** electromechanical operator with motor opening and spring closure. Where the spring is not strong enough to close the door due to the wind or misalignment of the doors, the motor can operate to help the spring.

TECHNICAL SPECIFICATIONS

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

KLINIC DOORS **SLIDING** model

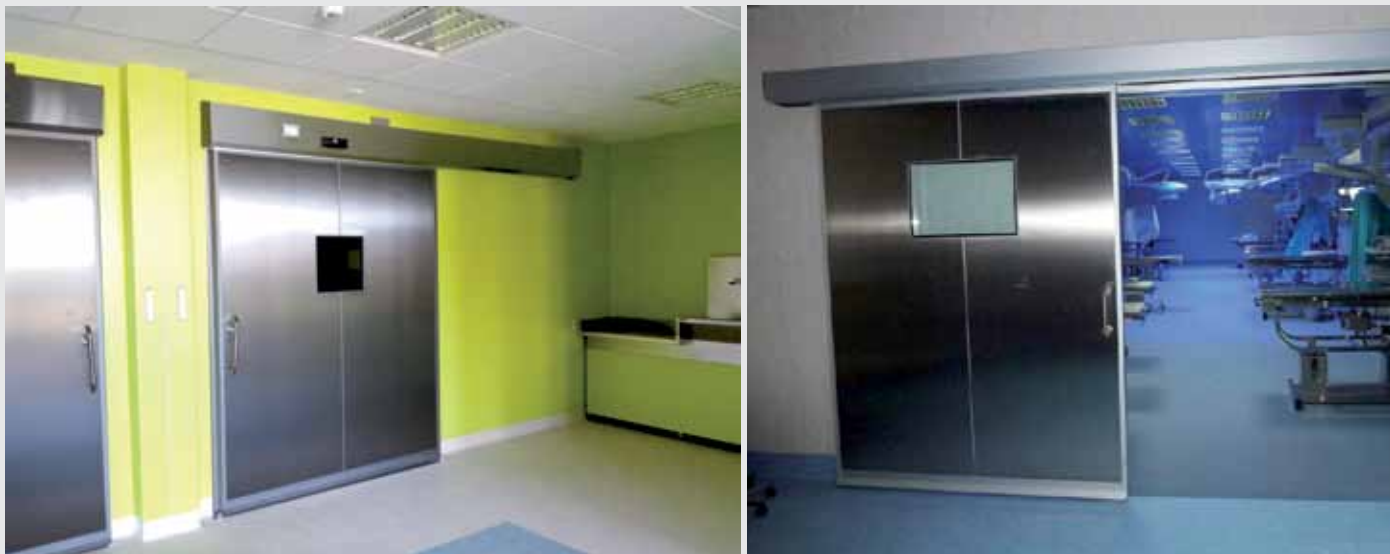


The **KLINIC** sliding door is specifically designed to comply with high standards of health and hygiene. These doors prevent germs from passing through and accumulating, thus ensuring that the installations remain as hygienic as possible. **KLINIC** doors are used in sectors with strict sanitation or hygiene requirements, including: Hospitals, the pharmaceutical industry, food handling, the chemical industry, health care centres, and industrial kitchens. There are two options available for this model: closedown airtight doors and semi-airtight doors.

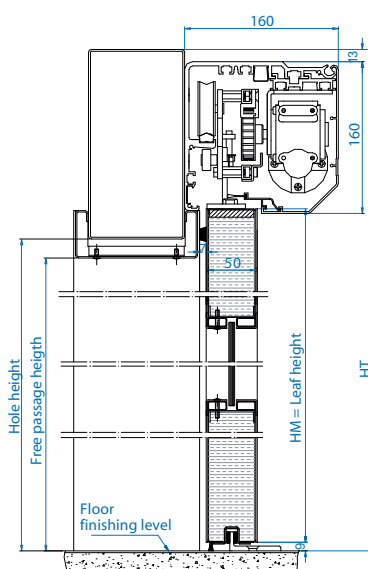
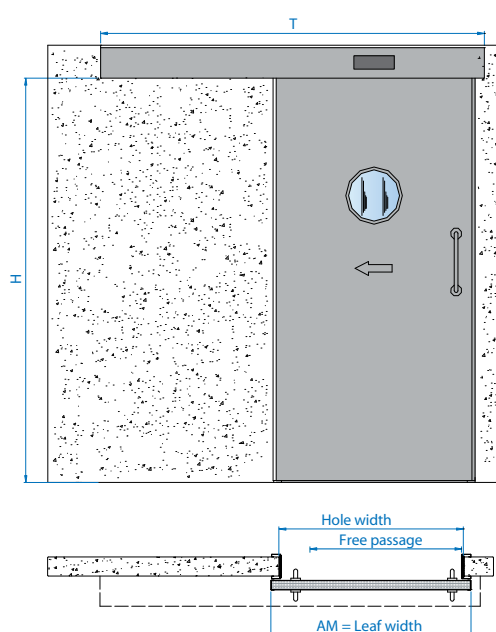
KLINIC sliding doors are equipped with the **high-technology Global System operators**, guaranteeing perfect movement of the doors. The leaves are manufactured under strict quality control measures and the materials en-

sure that the highest levels of compliance are achieved in terms of hygiene, sanitation and airtightness standards:

- **A 50 mm thick panel**, in AISI 304 stainless steel (AISI 316 to order) with a natural vegetable fibre core.
- **Weather strip** around the entire perimeter of the leaf to ensure that the seal is airtight against the sub-frame.
- **Sub-frame**: AISI 304 stainless steel frame system (AISI 316 to order) to cover the whole of the internal gap in the door.
- **Viewer**: with the option of supplying the door with different types of spyholes; round, square, rectangular and triangular.
- **Handle**: positioned on the inside and outside, made from stainless steel.



SLIDING DRAWINGS



- ✓ QUALITY AND ROBUSTNESS
- ✓ AIRTIGHTNESS AND HYGIENE
- ✓ SMOOTH AND SILENT MOVEMENT
- ✓ DIFFERENT FINISHING
- ✓ WIDE RANGE OF ACCESORIES

CONTROL AUTOMATION

OPERATOR	GLOBAL H
Maximum free passage (1 leaf)	1500 mm
Maximum free passage (2 leaves)	3000 mm
Minimum leaf width (1 leaf)	750 mm
Maximum weight per leaf (2 leaves)	120 + 120 Kg
Maximum weight per leaf (1 leaf)	160 Kg
Opening speed	0,9 - 0,5 m/s
Closing speed	0,6 - 0,2 m/s
Maximum closing force	150 N
Minimum closing force	50 N
Power supply	220 v (single phase)
Maximum power consumption	200 w

DEVICES

DIGITAL SELECTOR	DETECTORS	SAFETY DEVICES
Operating modes selection	Infrared sensors	Safety sensors
Operating parameters adjustment	Proximity detector	Photocells
Options activation and deactivation	Oversize rocker	Battery powered anti-panic emergency system
Malfunction diagnosis and Error modes	Magnetic card	
	Numerical code	

KLINIC DOORS

SWING model



The KLINIC swing doors meet **high standards of health and hygiene**, they are versatile enough to be used in existing gaps and therefore, they are very often used both in refurbished and new constructions. KLINIC swing doors are used in **sectors with strict sanitation or hygiene requirements**, including: hospitals, the pharmaceutical industry, food handling, the chemical industry, healthcare centres and industrial kitchens.

KLINIC swing door operators are fitted with the **Evolution System** automatic doors technology, thereby guaranteeing a perfect door movement. The Evolution system has two versions available;

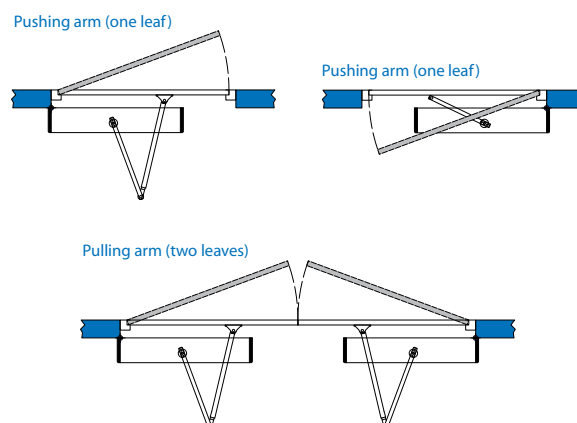
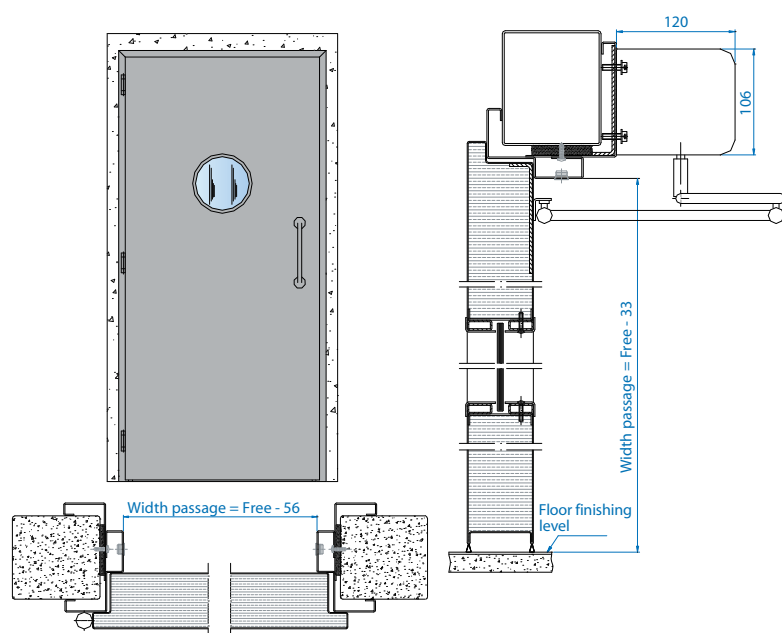
- **Evolution B3:** electromechanical operator with motor opening and closure.
- **Evolution B1:** it is fitted with a spring system that enables it to operate semi-automatically (motor opening / spring closure).

Leaves are manufactured under strict quality controls to ensure that their performance meets the highest hygienic and airtightness regulations.

- **A 70 m thick, AISI 304 (AISI 316 on request) stainless steel panel** with a natural vegetable fibre core.
- **Rubber weather strip** for the seal.
- **Sub-frame:** AISI 304 (AISI 316 on request) stainless steel frame system to cover the whole internal gap of the door.
- **Viewer:** doors can be supplied with round, square, rectangular and triangular peepholes.
- **Handle:** they can be fitted in the external or internal side of the doors and made of stainless steel.



SWING FRAMES



- ✓ **QUALITY AND ROBUSTNESS**
- ✓ **AIRTIGHTNESS AND HYGIENE**
- ✓ **SMOOTH AND SILENT MOVEMENT**
- ✓ **DIFFERENT FINISHING**
- ✓ **WIDE RANGE OF ACCESSORIES**

TECHNICAL SPECIFICATIONS

OPERATOR	EVOLUTION
Dimensions (mm)	106 height x 550 width x 120 depth
Power supply	230 volts (+/- 10%)
Maximum power consumption of accessories	20 w
Door maximum weight	250 kg
Door maximum width	1400 mm
Maximum opening angle	95°
IP rating	IP22
Temperature range	-20° / +50°C
Push & Go	Optional

DEVICES

DIGITAL SELECTOR	DETECTORS	SAFETY DEVICES
Operating mode selection	Infrared sensors	Safety sensors
Operating parameter adjustment	Proximity detector	Photocells
Activation and deactivation options	Oversize rocker	
Malfunction diagnosis and Error modes	Magnetic card	
Rotary switch	Numerical code	

REVOLVING DOORS

BIRA E22 model



The BIRA E22 model is designed to meet the needs of **large areas where there is a high flow of pedestrians** (up to 80 pedestrians per min.) both entering and exiting, and **design and energy saving** are two essential requirements. Due to its large passage dimensions, it is designed for places where there is a high traffic flow of trolleys, suitcases, and people in wheelchairs, such as airports, shopping centres and hospitals. The BIRA E22 model has an **anti-panic** system as a standard feature, which in addition to **emergencies** is very useful for **vehicle access for example**.

The avant-garde design of the BIRA E22 model is perfectly in line with the most demanding **user safety measures**. Outstanding features are the quality of the door's materials and the 2 three-phase motors with Inverter systems.

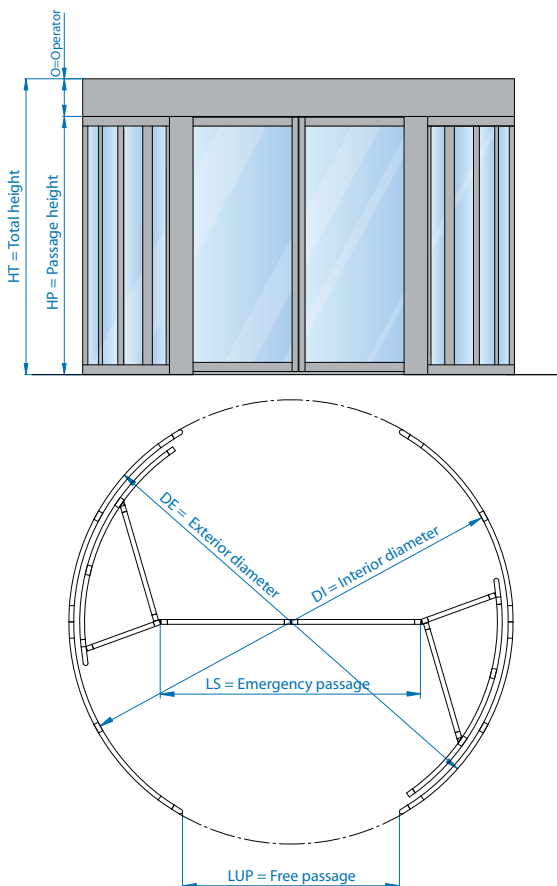
This model offers the possibility of choosing the door to be

finished in stainless steel as well as 10 types of anodized or lacquered finishing in the whole range of RAL colours and numerous configurations, including:

- **Serie 4:** This is an innovative and functional 3 in 1 system (revolving+sliding+anti-panic). With the selector, you can choose whether the door operates as revolving or sliding depending on the existing traffic conditions, as well as incorporating the integral panic system for use in the event of an emergency.
- **Serie 2 and 2W:** There are 2 options, with side display windows for placing advertising or dressings (series 2), or without display windows (series 2w) offering a larger internal segment.



BIRA E22 DRAWINGS



TECHNICAL SPECIFICATIONS

Power supply	240 vac, 50/60 hz
Motor	2 three phase AC motors
Total power consumption	1200 w
Revolving doors power consumption	2 x 250 = 500 w
Sliding doors power consumption	2 x 100 = 200 w
Low speed adjustment	0,5 - 2,5 r.p.m.
High speed adjustment	1 - 4 r.p.m.

SAFETY DEVICES

- Instant reaction due to an anti-trapping sensitivity system, when the resistance of the moving parts is greater than the adjusted resistance value.
- In the event of fire, this model offers the possibility of connecting the signal from the central alarm panel.
- Upper anti-trapping sensor. It stops the door in the event of detecting something within the regulated field, and when there is not sufficient time to enter into normal safety conditions. *
- Vertical strips. They are situated as a finish to the fixed panels protecting the traffic flow area from any eventuality.
- Closing speed slow-down buttons. They are situated strategically behind the door so that they can be activated by persons with reduced mobility. *
- Emergency stop button.
- Active infrared sensors. They are situated at the top of each moving leaf, detect the people circulating in front of these so that the door can be held if necessary. *
- Compressed rubber or heel strips. They are situated at the bottom of each moving leaf. *

* Optional safety devices. For special specifications, please contact ERREKA.

CONFIGURATIONS

NUMBER OF LEAVES	FINISHING
2 leaves + sliding option	Lacquered: all RAL colours Anodized: 10 types of anodized finishing. Stainless steel: Grade 304, 316 satiny and glossy finishing, polished with emery.

DIMENSIONS

MODEL	E22 - 236 4	E22 - 242 4	E22 - 248 4
DI = Internal diameter	3600 mm	4200 mm	4800 mm
DE = External diameter	3680 mm	4280 mm	4880 mm
HT = Total height	2540 mm	2540 mm	2540 mm
HP = Passage height	2200 mm	2200 mm	2200 mm
Entrance passage	1800 mm	2100 mm	2400 mm
LUP = Free passage	1100 mm	1400 mm	1700 mm
LS = Anti-panic passage	1800 mm	2100 mm	2400 mm
Traffic flow	48 person / min	64 person / min	80 person / min
Total weight	1450 Kg	1600 Kg	1750 Kg

REVOLVING DOORS

BIRA E23 model



The **BIRA E23** model, fitted with 3 or 4 leaves, is renowned for its **reliability** and **user safety**, which together with its elegant and functional appearance, provides the entrance area with a **stylish** and **distinguished appearance**.

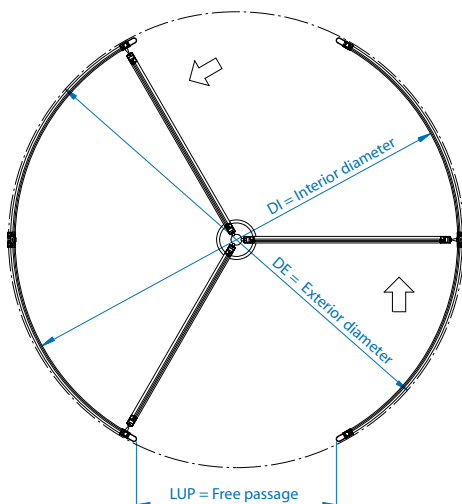
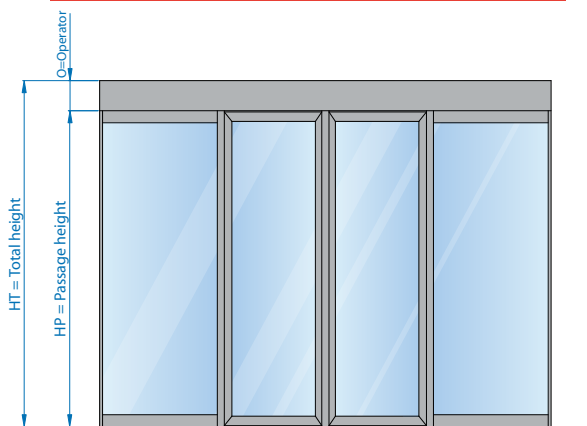
Its **numerous configuration possibilities** give that special, personal touch to each venue in which it is installed; they are also able to meet certain functional requirements, thereby being particularly recommended for hotels, shopping centres, banks, public buildings in general and offices.

The great advantage of revolving doors is airtightness, which is beneficial for the building for mixing outdoor environment with indoor environment, thereby providing users with **comfort and energy saving**.

ERREKA also offers the **M23** model, which consists of one manual revolving door with the same appearance as the **BIRA E23**.



BIRA E23 DRAWINGS



OPTIONAL DEVICES

External curved door, used for night closure
Anti-panic system for use in the event of a power cut
Buttons for people with disabilities
Electrolock

For other customer requests, please contact ERREKA

TECHNICAL ESPECIFICATIONS

Power supply	240 vac, 50/60 hz
Motor	AC, three phase
Total power consumptio	300 w
Automation power consumption	250 w
Controller power consumption	50 w
Adjustable speed	1 - 6 r.p.m.
Max. estimated traffic flow D = 3000 mm in one direction	38 people / min
Max. estimated traffic flow D = 3000 mm in two directions	38 x 2 people / min

SAFETY DEVICES

- Instant reaction due to anti-trapping sensitivity system, when the resistance of the moving parts is greater than the adjusted resistance value.
- In the event of fire, this model offers the possibility of connecting the signal from the central alarm panel.
- Vertical strips. They are situated as a finish to the fixed panels protecting the traffic flow area from any eventuality.
- Closing speed slow-down buttons. They are situated strategically behind the door so that they can be activated by persons with reduced mobility. *
- Emergency stop button.
- Compressed rubber or heel strips. They are situated at the bottom of each moving leaf. *

* **Optional safety devices.** For special specifications, please contact ERREKA.

CONFIGURATIONS

NUMBER OF LEAFs	FINISHING
3 or 4 leaves	<p>Lacquered: all RAL colours</p> <p>Anodized: 10 types of anodized finishing.</p> <p>Stainless steel: Grade 304, 316 satiny and glossy finishing, polished with emery.</p>

DIMENSIONS

[illegible]

REVOLVING DOORS

BIRA KRYSTAL E71 model



The **BIRA KRYSTAL E71** model combines in one product the **requirements of airtightness** of the traditional automatic revolving doors with a **minimalist aesthetic** which is obtained by reducing the frames to a minimum. This feature turns **this model into a perfect complement to contemporary façades** where a high level of transparency is required with the elimination of visual architectural barriers, whilst not reducing the security aspect.

BIRA KRYSTAL E71 doors are perfect for being used in entrances with strict aesthetic requirements where **transparency** is the distinguishing

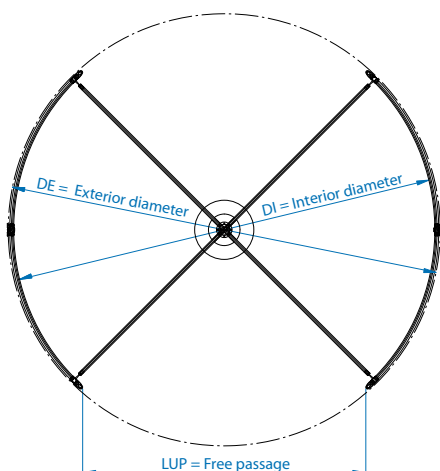
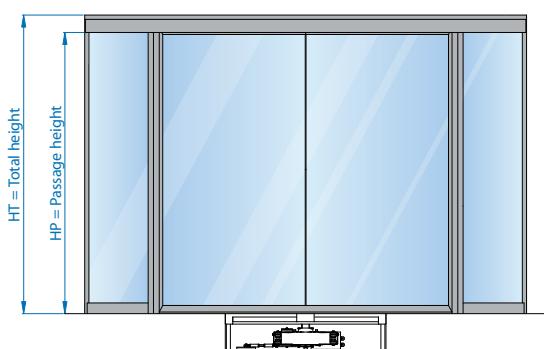
element, and in venues such as: hotels, offices, museums, symbolic headquarters and unique buildings in general.

With this model the motorisation (operator) is not installed, as is customary, in the ceiling of the door, but in a gap in the floor or in the ceiling of the basement. The structure beneath the floor is designed so that water is drained effectively.

This model can be made with 3 or 4 leaves and the metal fittings for joining the different parts together are made of stainless steel.



BIRA KRYSTAL E71 DRAWINGS



OPTIONAL DEVICES

Exterior curved door, used for night closure
Function selection panel frame. It allows to fix the control panel next to the door
Buttons for persons with disabilities
Function control panel to select the different operating modes available
Electrolock

For other customer requests, please contact ERREKA.

TECHNICAL SPECIFICATIONS

Power supply	240 vac, 50/60 hz
Motor	AC three phase
Total power consumption	300 w
Automation power consumption	250 w
Controller power consumption	50 w
Adjustable speed	1 - 6 r.p.m.
Max. estimated traffic flow	38 people / min
Max. estimated traffic flow	38 x 2 people / min

SAFETY DEVICES

- Instant reaction due to anti-trapping sensitivity system, when the resistance of the moving parts is greater than the adjusted resistance value.
- In the event of fire, this model offers the possibility of connecting the signal from the central alarm panel.
- Vertical strips. They are situated as a finish to the fixed panels protecting the traffic flow area from any eventuality.
- Closing speed slow-down buttons. They are situated strategically behind the door so that they can be activated by persons with reduced mobility. *
- Emergency stop button.
- Compressed rubber or heel strips. They are situated at the bottom of each moving leaf. *

* Optional safety devices. For special specifications, please contact ERREKA

NUMBER OF LEAVES	FINISHING
3 or 4 leaves	Stainless steel

DIMENSIONS

MODEL	E71-3-18	E71-3-21	E71-3-24	E71-3-27	E71-3-30	E71-3-32
DI = Internal diameter	1800 mm	2100 mm	2400 mm	2700 mm	3000 mm	3200 mm
DE = External diameter	1852 mm	2152 mm	2452 mm	2752 mm	3052 mm	3280 mm
LUP = Free passage	805 mm	955 mm	1105 mm	1205 mm	1405 mm	1510 mm
HP = Passage height	2200 mm	2200 mm	2200 mm	2200 mm	2200 mm	2200 mm
HT = Total height	2246 mm	2246 mm	2246 mm	2246 mm	2246 mm	2246 mm

CURVED DOORS

C25 y C50 model



Our **CURVED** doors, whether circular, semi-circular or curved, are designed to give entrances an **exclusive character and unique architectural design**, giving a solution in three dimensions. The wide range of products with their numerous variations in design and the advanced technology of the operator and the control system, can meet practically all the requirements of façade architecture today and in the future.

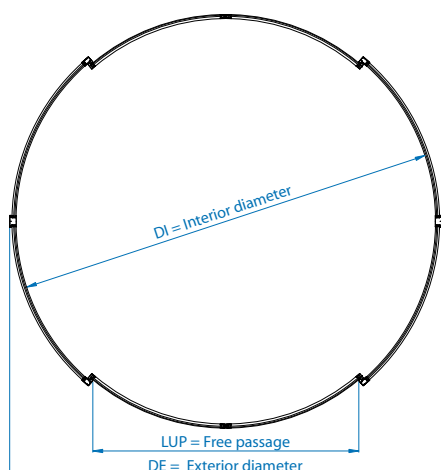
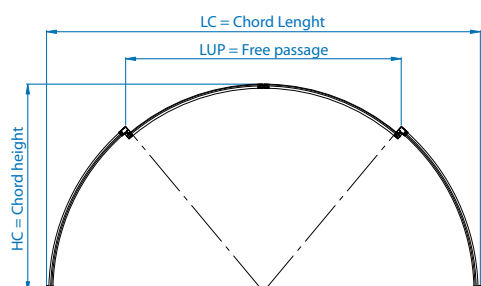
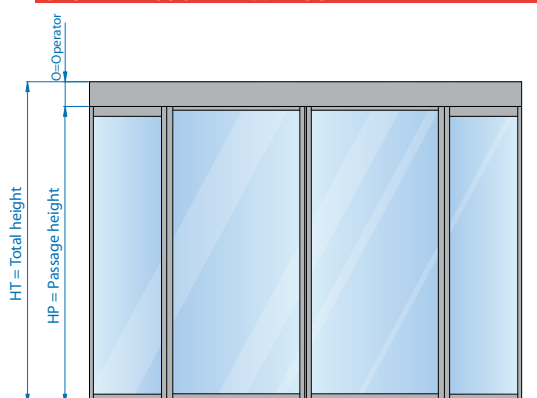
The different models offer various configurations, but they all allow for the **convex** (operator inside) or **concave** (operator outside) door options, a clo-

sed-loop electronic control panel with anti-panic monitoring and batteries for power cuts with an autonomy of 30 minutes.

Both the **C50** circular model, offering an optimum solution for the fireproof function, and the versions of the **C25** model either curved or semi-circular, are especially designed for entrances to exhibition areas, theatres, banks, offices and other public buildings where there is a desire for the **functionality of a sliding door combined with a distinguished design** similar to a revolving door.



C25 AND C50 DRAWINGS



CHARACTERISTICS

Curved laminated glass 4+4
Operator: 1 or 2, depending on the size and/or the weight of the leaves
Safety elements on the leaves
Laminated ceiling
Sensors: infrared or microwave sensors.

TECHNICAL SPECIFICATIONS

Power supply	230 vac, 50/60 hz
Motor	DC motor with brushes
Total power consumption	100 w x 2
Maximum torque	150 N
Opening/closing speed	0,4 - 0,7 m/s
Canopy height	300 mm

CONFIGURATIONS

FINISHING

Lacquered with all RAL colours
 Anodized: 10 types of anodized finishing
 Stainless steel: grade 304, 316, satiny and glossy finishing, polished with emery.

CURVED C 25 DIMENSIONS

AC = Cable width	2400 - 3600 mm
HC = Cable height	300 - 2400 mm
HP = Passage height	2200 mm

CIRCULAR C50 DIMENSIONS

DE = External diameter	2400 mm	2700 mm	3000 mm	3200 mm	3600 mm
DI = Internal diameter	2300 mm	2600 mm	2900 mm	3100 mm	3500 mm
LUP = Free passage	1370 mm	1560 mm	1780 mm	1920 mm	2180 mm
HP = Passage height	2200 mm	2200 mm	2200 mm	2200 mm	2200 mm

ACCESSORIES

RAD 17 Sensor with activation and security barrier



Infrared sensor, with built-in photocell that allow activation of opening and safety closing functions. It can be installed in places with a height of up to 3 m, providing a 2.5 m length and 3.5 m width detection area. There are test outlets available for diagnosing the correct performance of the photocell. "Door learning" function included, which provides a safer leaf movement.

FOT 9 Photocells



Infrared safety sensor designed to make the movement area of the door leaves secure during the opening thereof. Their maximum installation height is 3 m. There are test outlets available for diagnosing their correct performance.

ZSEG3 External key



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

UNISYS SEL Digital selector for sliding doors



This device allows to select different operating modes: Open Door, Closed Door, Exit-only Traffic, Two-way, Partial Opening, Manual, etc.). It also allows the operating parameters adjustment (opening and closing speed, opening waiting time, acceleration ramps, etc.) and malfunction diagnosis.

ZSEG6 Lock



Hook lock fitted in vertical support for Standard European profile cylinder with long cam. It can be assembled in hollow profiles, such as ECO32 Security, ECO32 Multilock and Compact Sendo.

RAD 3 Active infrared sensor



This device is formed by an infrared presence detector and an adhesive label with the word Push on it. This sensor is suitable for installations where a wide detection range is not required and it prevents doors from opening when a closing movement is detected. The sensor shall point towards the place where the Push adhesive label has been fixed, so the sensor will only be able to detect movement when hands are placed near the adhesive label.

FOT 3 Photocells



Infrared barrier formed by built-in amplification cylindrical transmitter and receiver. This device is designed to make sliding and telescopic doors secure using presence detection (by interruption). Its compact size facilitates its installation in any door section. Protected against ambient light interference and erroneous short-duration connections.

SEL ROT 5 Key rotary selector for sliding doors



Key selector with 4 positions consisting of a contact cylinder fixed to a silkscreened black anodised plate. It allows to select 3 operating modes: Automatic mode, Open Door mode and Closed Door mode. The Reset position is also available.

BAT S12 Digital selector for swing doors



Functions selector for swing doors with built-in tampering locking key and protective front cover. This device allows to adjust all the operator's operating parameters and functions, as well as to select among 5 different operating modes.

ZSEG7 Lock



Floor door-closer to be assembled at the lower horizontal frame of the door leaf. It consists of a stainless steel floor door-closer with cylinder. It can be assembled in non-framed profiles.

RAD 9 Microwave sensor

High reliability, accuracy and stability movement detector controlled by microprocessor. It is suitable for installing in up to 4 metre high areas. It can detect a minimum speed of 5 cm/s and provides a 4 metre long and 3 metre wide maximum adjustable detection area, while it keeps doors open from 0.5 to 13 seconds after movement is detected (also adjustable).

RAD 6 Active safety sensor

This device is specially designed for making swing doors secure. Active infra-red technology using a master-slave system. It detects presence at all times, even without movement, and has an extremely rapid response time (less than 50 ms.) Features like detection distance, door opening waiting time, lighting options, etc. are all adjustable. It is not sensitive to colour or ground reflectivity variations.

PUL06 Proximity button

Access control device fitted with a fingerprint reader to limit access only to authorised persons. This device improves security by requesting a numerical code.

PUL03 Push-button for person with disabilities

Stainless steel push-button designed for making access easier to persons with disabilities.

BAT S14 Key rotary selector for swing doors

Key selector with 5 positions for swing door operators. It consists of a black anodized aluminium plate with white screen printing and a black case, which allows both the surface and embedded fitting of the device. This key selector has 5 operating modes available: Automatic, Open Door, Closed Door, Exit Only and Manual.

TRANSMITTER 1 Remote Control

Radio transmitter with a plug-in receiver panel. It enables the selection of 3 door operating modes: Automatic, Open Door or Closed Door. It has an operating frequency of 868 MHz and a fixed code that can be adjusted by a DIP switch.

PUL05 Oversize rocker

This actuator is used in installations where certain hygienic conditions are required. Its appearance, limited depth and matt stainless steel design makes it suitable for being fitted in panels.

RECEIVER 1

Pluggable receiver for Transmitter 1 in Ertain3 / Global 3 board. It provides an 868 MHz fixed code signal reception.

E2 LOCK Electrolock

This consists of a monostable electromagnet/spring that blocks the two leaves of the door. It is fitted with a manual unlock system to unlock the door opening from the inside.

Fail Safe E3 LOCK

Inverse lock device formed by a monostable electric magnet. This device is suitable for emergency exit doors, given that it unlocks the doors in case of malfunction.

ERREKA AUTOMATIC DOORS

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