

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 the 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, people in wheelchairs, such as airports, shopping centres and hospitals. The E22 model has a panic break out system as a standard feature, which as well as for emergency situations is very useful for vehicle access for example.

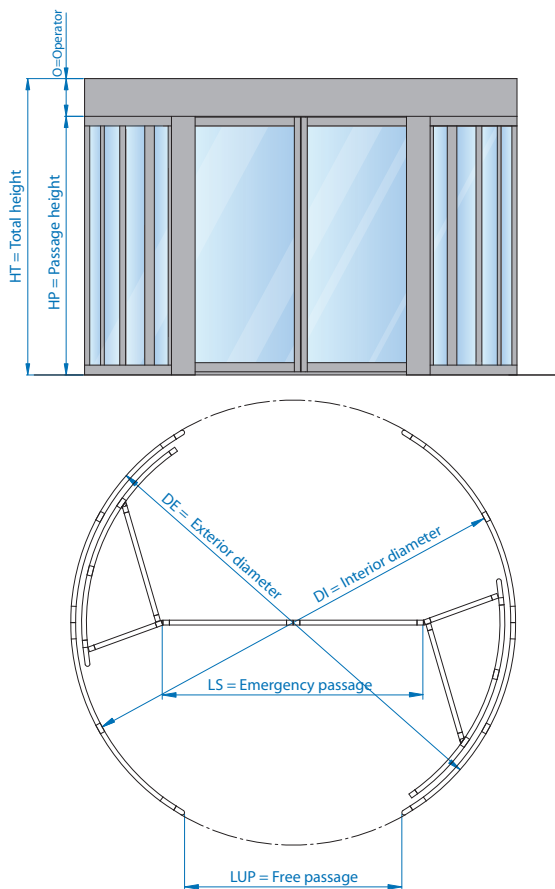
The avant-garde design of the E22 model is perfectly in line with the most demanding user safety measures. Outstanding features are the quality of the door's materials and the 2 three-phase motors with inverter systems.

This model offers the possibility of choosing the door to be finished in stainless steel, 10 types of anodising or lacquer in the whole range of RAL colours and it also offers numerous configurations, including:

- **Series 4:** This is an innovative and functional 3 in 1 system (revolving + sliding + panic). By means of 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.
- **Series 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 MODELS



TECHNICAL SPECIFICATIONS

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

SAFETY DEVICES

- Instant reaction thanks to a security sensor, when the resistance of the moving parts is greater than that set.
 - In the event of fire, the possibility of connecting the signal from the central alarm panel.
 - A greater anti-trapping sensor, stops the door in the event of something being detected within the regulated field and there is not enough time to enter into normal safety conditions. *
 - Vertical strips, situated as a finish to the fixed panels protecting the traffic flow area from any eventuality.
 - Buttons for slowing down the door, situated strategically so that they can be activated by people who move slowly. *
 - Emergency stop button.
 - Active infrared sensors, 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, situated at the bottom of each moving leaf. *
- * Optional. (for special specifications contact ERREKA.)

CONFIGURATIONS

NUMBER OF LEAVES	FINISHES
2 leaves + sliding option	Lacquered: all RAL colours Anodised: 10 types of ANODISING Stainless steel: quality 304, 316 in satin, gloss and polished with emery

MEASUREMENTS

MODEL	E22 - 232 4	E22 - 242 4	E22 - 248 4
DI = Interior diameter	3600 mm	4200 mm	4800 mm
DE = Exterior 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 = Panic passage	1800 mm	2100 mm	2400 mm
Traffic	48 people / min	64 people /min	64 people /min
Total weight	1450 Kg	1600 Kg	1750 Kg