

## **MOTORIZED SECURITY DOOR**

The **Glass Roll** is a model of door equipped with a 4 sectors revolving turnstile. It has been thought to check the access control in places with very high flows of people in transit, which must occur under a security condition, by granting the unicity of passage function as well.

Carried out with a round base **Glass Roll** presents a rather slim form to allow a very easy placement, while both the partition walls and the four sections central turnstile are wholly glazed.

It can be painted with an embossed finish, with reference to the RAL table of colors. Different kinds of finish are also available to be supplied on demand (for instance: gloss finish, stainless coating, bronze, aluminum etc.).



### **STANDARD EQUIPMENT**

1. Curved side walls in glass plates 19/21 mm BR2 (EN1063), P6B (EN356).
2. Central rotor glasses 12/13 mm thick (tempered and stratified kind of glass).
3. Lighting by means of n. 4 LED spots placed on the internal space.
4. Metal upper cover.
5. Digital vocal communication for the guide of the transit.
6. Accident prevention sensors.
7. Serial ports for external interfacing (RS 232 RS 485).
8. Detection system, to ensure the transit of only one person at a time, with weight control system.
9. Programmable control panel with intercom system.
10. Semaphore system equipped of led and push buttons used to start the rotation.
11. In case of power breakdown the wings should be pressed manually.
12. Disassembled booth.

### MOTORIZED SECURITY DOOR

#### OPTIONAL EQUIPMENT

- A. Rotor glasses 19/21 mm thick BR2 (EN1063), P6B (EN356).
- B. Internal /External support either for card or proximity reader
- C. Doors opening radar
- D. Additional console.
- E. INPUT/OUTPUT card (I/O).
- F. Wooden box packaging.
- G. Heating system.
- H. Detection system, to ensure the transit of only one person at a time, with volumetric sensor located on the ceiling.

#### TECHNICAL FEATURES

Power Supply	220V +/- 10%, 50Hz		
Maximum power absorb	200W		
Working Temperature	- 10° C / 55° C		
Backup Battery	n.2 18Ah sealed lead-acid batteries to allow the right for functioning in case of lack of power.		
Motors	n.1 24Vcc motor for reversible movement of the wings, with closing safety lock.		
Operating logic	programmable with microprocessor with n.1 lines RS232, n.2 RS485 (n.1 RS485 reserved).		
Accident prevention	photozell on vertical rod of the doors both of entrance and exit and control system which guarantees the regulation of the motors.		
Transit speed	- 20 passages per minute in one direction - 40 passages per minute in both directions (such data do not consider the possible working times due to utilization of card/badge readers).		
Dimensions	Total dimensions (mm):	Height	2505
		Diameter	1970
	Passage dimensions (mm):	Height	2300
		Width	1350
Weight	1400 Kg		
MCBF	2 yrs. or 1 000 000 passages if the ordinary maintenance is properly applied.		
MTTR	1 h		
CE	In compliance with European Directives		

