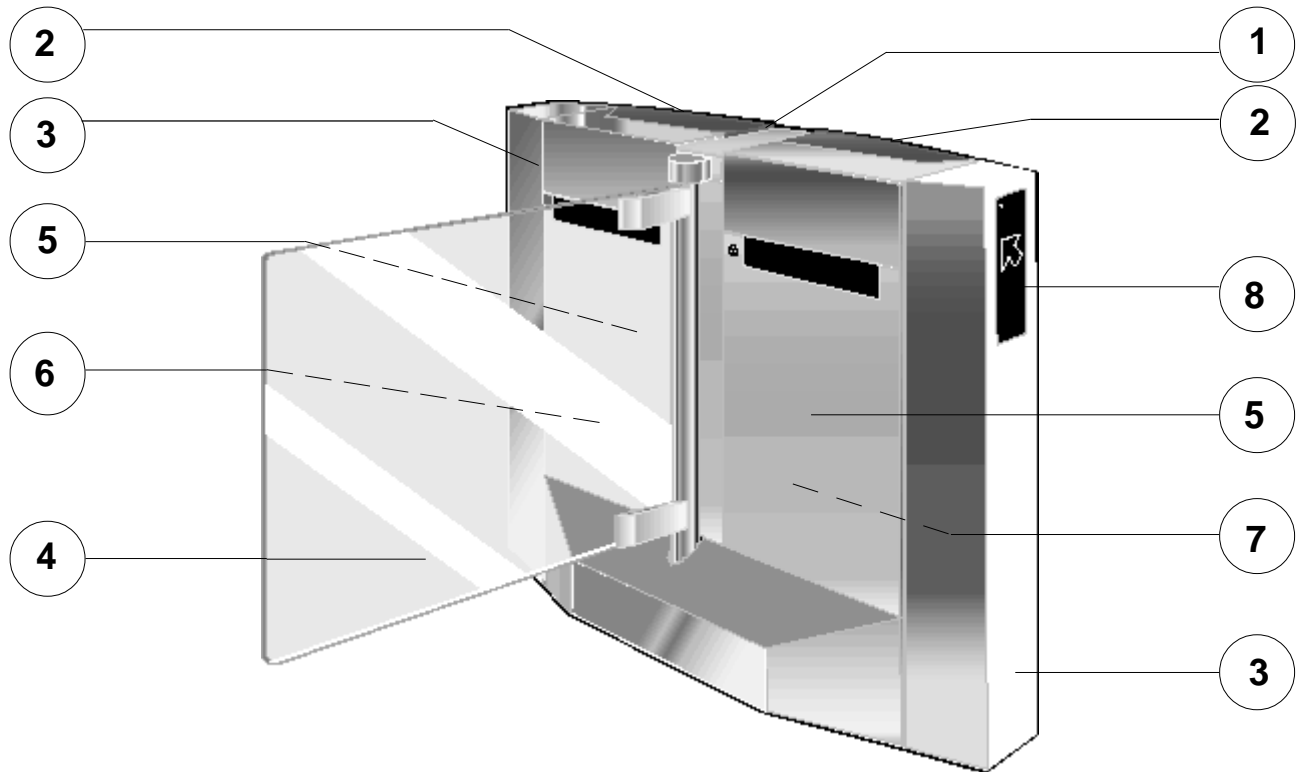


PMD335 BI-DIRECTIONAL MOTORISED GATE



The PMD335 swinging motorised gate was especially designed to ease **the passage of persons with reduced mobility** (persons in wheelchairs, service staff with waggons, bulky material...) when the accesses are controlled by PNG gates with narrower lanes.

This gate offers the advantage of operating in both directions and opens in the direction of the user's movement. The walkway width ($\pm 900\text{mm}$) does not guarantee strict access control. As a consequence, visual or camera surveillance is strongly advised.

The obstacle is mechanically locked in closed position. The electronic torque limiter ensures users' safety in the walkway when the obstacle moves.

In open position, the obstacle is recessed so that it does not decrease the total width of the walkway. Therefore, a person with reduced mobility or with bulky luggage cannot be hindered by the obstacle.

DESCRIPTION

1. Central element: highly rigid self-supporting frame integrating the electromechanical assembly and the electronic controls.
2. Lateral panels on the side opposite to the obstacle made of painted composite material (3 standard colours available: RAL5018 (turquoise blue), RAL3007 (black red) and RAL5020 (ocean blue). Other colours, optional.)
3. Front elements made of 1.5mm thick brushed finish AISI 304 stainless steel sheet. Elements designed to fit in user control systems (badge and ticket readers...). Please contact factory for maximum authorised clearances.
4. Obstacle made of 12mm thick clear tempered safety glass.
5. AISI 304 stainless steel doors on both sides of the obstacle giving access to the gate electromechanical assembly. Fitted with safety locks.
6. Electromechanical assembly containing :

Specifications subject to change without prior notice

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**PMD335
BI-DIRECTIONAL
MOTORISED GATE**

TECHNICAL DATA N° 2-3105

Automatic Systems



BELGIUM- FRANCE - ITALY - SPAIN - UK - CANADA - USA

- one asynchronous three-phase geared motor,
 - two crankshaft-rod mechanisms to ensure smooth movements cushioned in the three stable positions, as well as the mechanical locking of the obstacle in closed position,
 - unlocking device of the obstacle with return spring to allow the automatic opening of the gate in case of power failure.
7. Programmable control logic ensuring the motor operation, containing:
- one programmable control board,
 - one variable speed controller,
 - one general connection block,
 - 24V DC power supply.
8. User orientation pictograms with green arrow and red cross, optional.

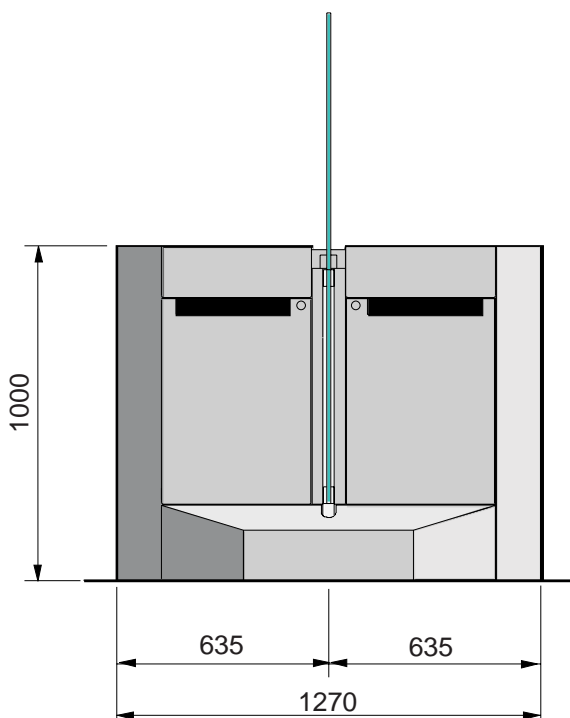
ANTI-CORROSION TREATMENT

All mechanical parts have been treated against corrosion by electrozinc dichromate and/or cataphoresis, thickness 15µm.

TECHNICAL CHARACTERISTICS

- Electrical power supply: 230V single-phase, 50/60Hz.
- Geared motor: 0.12 kW.
- Speed reduction gearbox: reversible type, life-lubricated.
- Operation time: 3 seconds per 90° movement.
- Power consumption: at rest: 50W, operating: 150W.
- Operation temperature: from 0° to +50°C.
- Net weight: ± 140 kg.
- Overall dimensions: see below.

OVERALL DIMENSIONS



OPTIONS

- User orientation pictograms (see specific technical data n° 3-0001).
- Out-of-standard height of obstacles, maximum 1900mm.
- Customising of front and rear elements for integrating access control or badge reader systems (please consult factory).
- Anti-intrusion leaves made of clear tempered safety glass, closing the void over the housing (advised with high obstacles).
- Out-of-standard RAL colours for side doors (reference number to be supplied with order).
- AISI 304 stainless steel side doors instead of polyester doors.
- Remote control desk.

WORKS TO BE DONE BY CUSTOMER

- 230V AC, 50/60 Hz, 10A power supply.
- Electrical power supply and connection wiring to the controls (see installation plan n° CH 3882).
- Masonry work.

INSTALLATION PRINCIPLE

