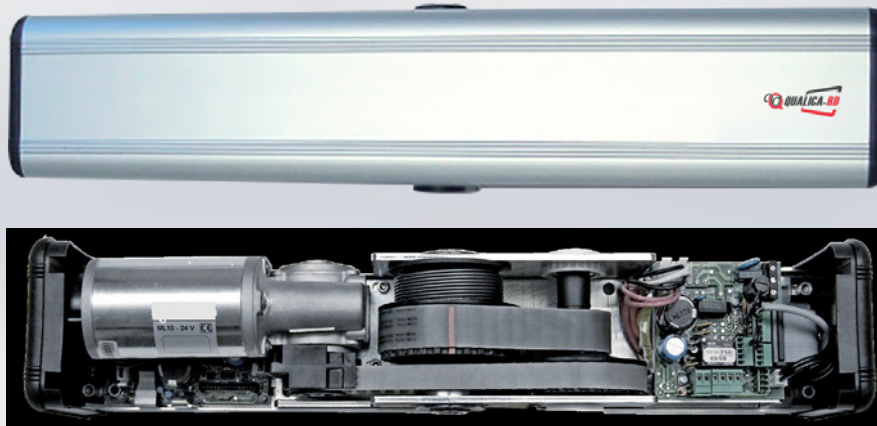


Automatic Door QRD-PBP



Automatic Door QRD-PBP

**Operator for pedestrian swing gates. Low kinetic energy.
Opening by motor / closing by spring.**

The **QRD-PBP** automatic door has an operating mechanism with low kinetic energy movements to prevent damage to users who may collide with the leaf. It is the ideal operator for doors with uninformed users, those who need special protection or people with reduced mobility.

The opening is carried out by a motor controlled by an encoder and an electronic circuit that guarantees that if the leaf collides with something or someone, the thrust of the motor stops. The closing is carried out by a spring as if it were a manual door, but under the supervision of the encoder.

To complement the range, there are models **PBP-1** and **PBP-2** (opening by motor and closing by spring for heavy doors) and **PBP-3** (opening and closing by motor). As well as models with battery.

Features QRD-PBP

- Push & go (automatic opening by pushing the leaf).
- Sensitivity to obstacle with reversal of movement.
- Wind stop (retains the wind thrust in opening and closing).
- Electric lock management with multiple functions.
- Possibility to deactivate the safety sensor in opening.
- Pause time: automatic increase in entrances "with traffic".
- Pause time: 0-20 sec.
- Night function: the door closes after 12 sec.
- Adjustment of leaf movement parameters.
- Test function (cyclical openings - closings).
- Traffic for persons with reduced mobility:
 1. Function "persons with reduced mobility" and "push and go" function 2.
 2. Function "persons with reduced mobility" and "manual opening" 3.
 3. Function "persons with reduced mobility" and "automatic door" 4.

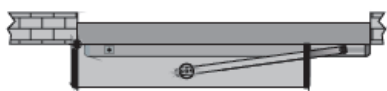
Double leaf assembly.



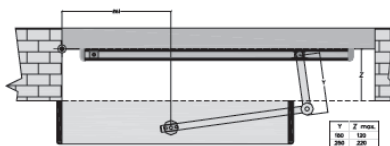
Technical Specifications

Model	PBP-1	PBP-2	PBP-3
Opening	Motor	Motor	Motor
Closing	Pier	Pier	Pier
Maximum leaf weight	120 kg	250 kg	250 kg
Maximum blade width	1.500 mm	1.500 mm	1.500 mm
Power supply	115 / 230 Vac, +/- 10 %, 50 - 60 Hz 230 V		
Power	120 W		
Accessories power supply	24 Vdc, 1 A		
Dimensions	height x depth x width: 120mm x 110mm x 550 mm		
Dimensions with batteries	height x depth x width: 120mm x 110mm x 730 mm		
Degree of protection	IP31		
Ambient temperature	-15 ° C + 50 ° C		
Use	Continuous		
Durability test	500.000 cycles		
Weight	9,5 Kg (11 Kg with battery)		
Arm types	Sliding and sliding with elbow (pull system). Articulated (push system)		

Sliding arm:



Sliding arm with elbow:



Articulated arm:

