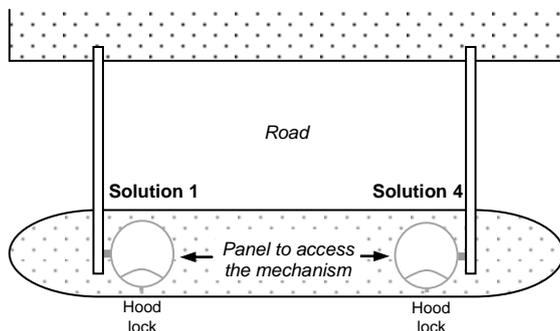


Rising barrier for the control of the passage of vehicles in the parking.

Configurations



DESCRIPTION OF THE STANDARD EQUIPMENT

1. Aluminum cast sole plate.
2. Anodized aluminum frame.
3. White lacquered aluminum housing panels (RAL9010).
4. Aluminum cast hood, locked with a key.
5. Oval aluminum arm of section 82.5 x 51.5 mm, lacquered white RAL9010 with red reflective strips.
6. Drive shaft, diameter 30mm, fitted on a geared motor and a permanently lubricated bearing.
7. Electromechanical assembly including :
 - Reversible three-phase asynchronous gear motor, ensuring protection of the mechanism in case of forced lifting of the arm due to fraudulent action. Maintaining the arm in its 2 extreme positions (open and closed), as well as after a Stop command, is achieved by means of an electronic control position.
 - Variable frequency drive ensuring progressive accelerations and dampened decelerations, for movement without vibrations, reversal of direction without jolts (reopening) and increased protection of the mechanism.
 - Electronic limitation of the electromechanical assembly torque allowing immediate stopping of the arm during closing in case of an obstacle.
 - Analog position sensor indicating the high and low positions and allowing control of the gear motor.
 - Balancing of the arm by means of a compensating spring, according to the weight of the arm.
8. Electronic control board offering 8 inputs + 6 outputs + 3 relays + 2 USB Host and Device connectors for:
 - Arm position status (open or closed).
 - Presence detectors status.
 - Swing-off arm sensor.
 - Technical fault information report.
 - Open panel or cover report.
 - Human/Machine interface with 3 integrated push buttons for opening, closing and operating mode of the barrier.

STANDARD TECHNICAL SPECIFICATIONS

Electrical power supply	Single-phase 230 VAC + ground – 50/60 Hz <i>Note: not to be connected to an isolated ground network or a high impedance earthed industrial network</i>
Consumption	310 W max.
Motor	Three-phased 230V/90 W
Free passage (L)	2 to 4m, in increments of 0.5m
Operating time :	Adjustable between 1.2 and 3 s (allowing the passage of 1500 vehicles/h)
Operating temperature	Between -25 and +60°C
Relative humidity	95% max, without condensation
MCBF	Mean cycles between failures - 5.000.000, when respecting recommended maintenance
IP	54
Weight	50 kg (excluding arm) Arm: 1.6 to 3.2kg
CE	Conforms to European standards

WORKS TO BE PROVIDED BY THE CUSTOMER

Note: respect the installation plan

- Adapted ground fastening.
- Power supply.
- Wiring towards eventual external peripherals

OPTIONS

1. Arm swing-off + arm swing off detection.
2. Arm position maintained in case of power failure.
3. LED function pictograms on hood (red, green and orange).
4. Paint of another RAL color.
5. Client logo.
6. Vehicle detection loop.
7. Presence detector for detection loop.
8. Photoelectric cell for opening-closing-safety.
9. Cell assembly on housing.
10. Cell support post.
11. Sensor for open panel or cover.
12. Extension card for 8 inputs, 7 outputs and 1 Presence detector connector.
13. Ethernet interface.
14. Thermostatic heater for operation down to -45°C.
15. Plastic traffic sign, 300mm diameter (STOP, One way, etc.).
16. Raised base.
17. Radio Transmitter/Receiver.
18. LED traffic lights.
19. Support post for traffic lights.
20. Power supply 120V - 60 Hz.
21. Protective section under the arm.
22. Tip support.
23. Push buttons box for opening-closing-stop.
24. Key switch on housing for automatic-locked open-locked closed modes.
25. **Arm LED lighting.**

Note: for restrictions concerning the options, refer to the price list.

STANDARD DIMENSIONS (mm)

