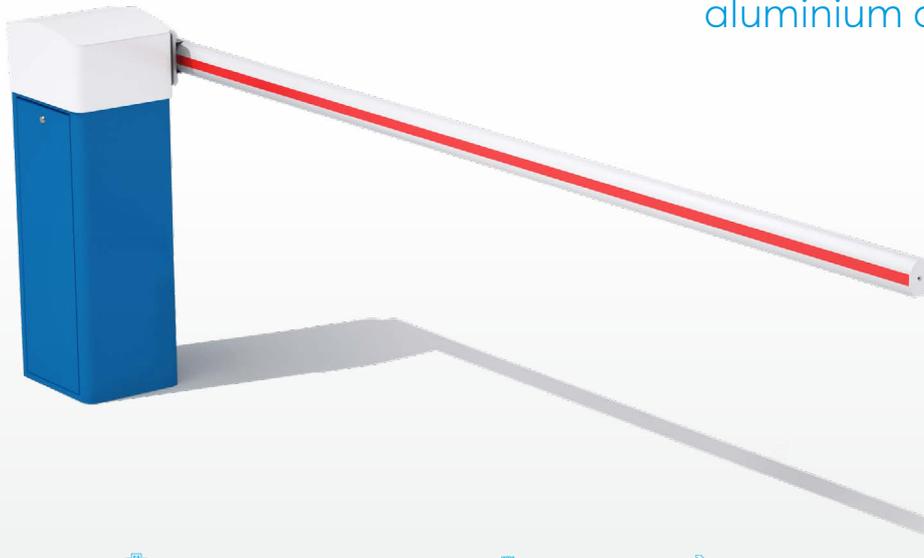


Automatic barrier with a lateral aluminium arm up to 6m



- ▶ Universal barrier responding the majority of applications
- ▶ Robust design model ensuring optimized maintenance
- ▶ Plug & Play barrier for quick and easy installation: ready to install, custom-made in the factory
- ▶ Barrier ensuring solid reliability
- ▶ Benefit from all the catalog options
- ▶ Ensures user safety in the residential world thanks to its automatic lifting

INDUSTRY
PUBLIC AND RESIDENTIAL
HIGHWAYS
TRANSPORT AND INFRASTRUCTURE
SERVICES
PUBLIC STRUCTURES
PAID PARKING
RAILWAY
SEVESO SITES

MAIN CHARACTERISTICS

- 2 to 6-meter oval lateral aluminium arm - 84x57 mm
- ONE-C® control card with configuration screen and remote control
- Ongoing and intensive operating (15,000 cycles/day)
- Variable speed, from 1 sec
- Three-phased geared motor, 230V power supply
- Compression-monitored counterbalance spring
- Anti-condensation heating

TECHNICAL CHARACTERISTICS

- DKP steel sheet 2 mm, protected with cataphoresis, with a Ronis 405 lock
- Standard RAL 5015 coating
- Aluminium sheet top cover, 2 mm, with RAL 9010 coating
- Lateral arm with red reflective stripes
- Contactless inductive sensors to settle the arm
- Controlled with a ONE-C card :
 - Wired or network wiring control; several communication protocols (Modbus TCP/IP, RS485)
 - Central communication interface (screen, LED)
 - Remote control and configuration via webserver
 - Program memory with SD card (included)
 - Pluggable terminal
 - Engine management via frequency variation, allowing to manage:
 - › Acceleration and brake ramps
 - › Acceleration at opening and closing
- Easy handling
- Ergonomic

Voltage	230 V
Consumption	180 W
Geared motor	Three-phase geared motor 0.18kW. Reversible or irreversible motor
Counterbalance	Compression spring + chain and gable
Arm	With lacquered paint aluminium oval arm 84x57 mm
Handling time	From 1 to 3.8 sec.
MCBF (number of cycles)	≥ 10 millions
MTBF (hours)	≥ 15000
Maximum arm length	6 m
Emergency operation	- 10 turns of the handle & anti-restarting system - automatic reopening system in case of power loss
Temperature control	Anti-condensation heating
Coating	Polyester powder baked at 250°
Weight	From 58 to 64 kg
Measurements	600 x 600 x 800 mm
Temperature conditions	-30° +55° C
IP	54

OPTIONS

Audible and light signal

- LEDs top cover
- LEDs on the arm
- LEDs light strip integrated in the arm
- Flashing light on the housing
- Standardized signs

Safety

- Infrared cells
- Reflex cells
- Magnetic loop detector
- Ultrasound detectors

Installation

- PVC sealing template frame and isolation
 - + 4 rodes 16 X 250 mm + 8 bolts
- Adjustable tip support + fixing base: 60 x 60 mm
- Adjustable tip support with magnetic plunger – 230kg
- Adjustable tip support with electromechanical lock
- Pendular tilting support from 800 to 1000 mm

Customisation / Access control system

- 4m articulated arm
- Round aluminium arm Ø80 mm
- 140x65mm VUTR arm
- High-visibility arm with or without lights
- Articulated low grid (GA)
- High & low grid (GTH)
- Polyester paint, special colour (RAL to be defined)
- Local control: fire brigade access control, push button box etc.
- Multiple configurations adapted to the site (ONE-C)
- Remote controlling and setting
- Reversible/Irreversible installation – right or left side
- Automatic opening system in case of power loss
- Back unhinging device < 4 m
- Internal anti-fraud lock
- Solar supply
- Pre-equipment – plate reading camera
- Aluminium housing

OPERATIONAL LIMITATIONS

Arm length	Passing width	Weight	Tip supports
2,00 m	1,70 m	58 kg	No
3,00 m	2,70 m	59 kg	No
4,00 m	3,70 m	61 kg	No
5,00 m	4,70 m	62 kg	Yes
6,00 m	5,70 m	64 kg	Yes

WORKS TO BE CARRIED OUT BY THE INSTALLER

- Solid concrete with sealing template and 4 rods Ø 16 mm (optional).
- Sleeves for power cables, remote control and magnetic loop.
- Power supply: U 1000 RO 2V cable: 3 x 2.5 mm², single-phase 230 V.
- Remote control: telephone cable 5 pairs 9/10.

INSTALLATION

Normal

Reversed

Conducts and cables

- Alimentation :**
 - Janolene Ø 63 mm
 - Cable U 1000 RO 2V 3 x 2.5 mm²
- Remote control :**
 - Janolene vert Ø 40 mm
 - Cable phone 5 paires 9/10ème
- Link with tip support :**
 - Tube Ø 30 mm
 - Infrared cells, magnetic plunger, etc.
- Magnetic loop cable :**
 - Tube Ø 30 mm
 - Twisted loop cable pair
- Sealing template frame and isolation :**
 - PVC sealing of 10 mm
 - 4 mounting rodes Ø 16 x 250 mm

The sealing template remains in place level and must rest entirely on solid concrete. Sealing rods spacing 220 x 220 mm.