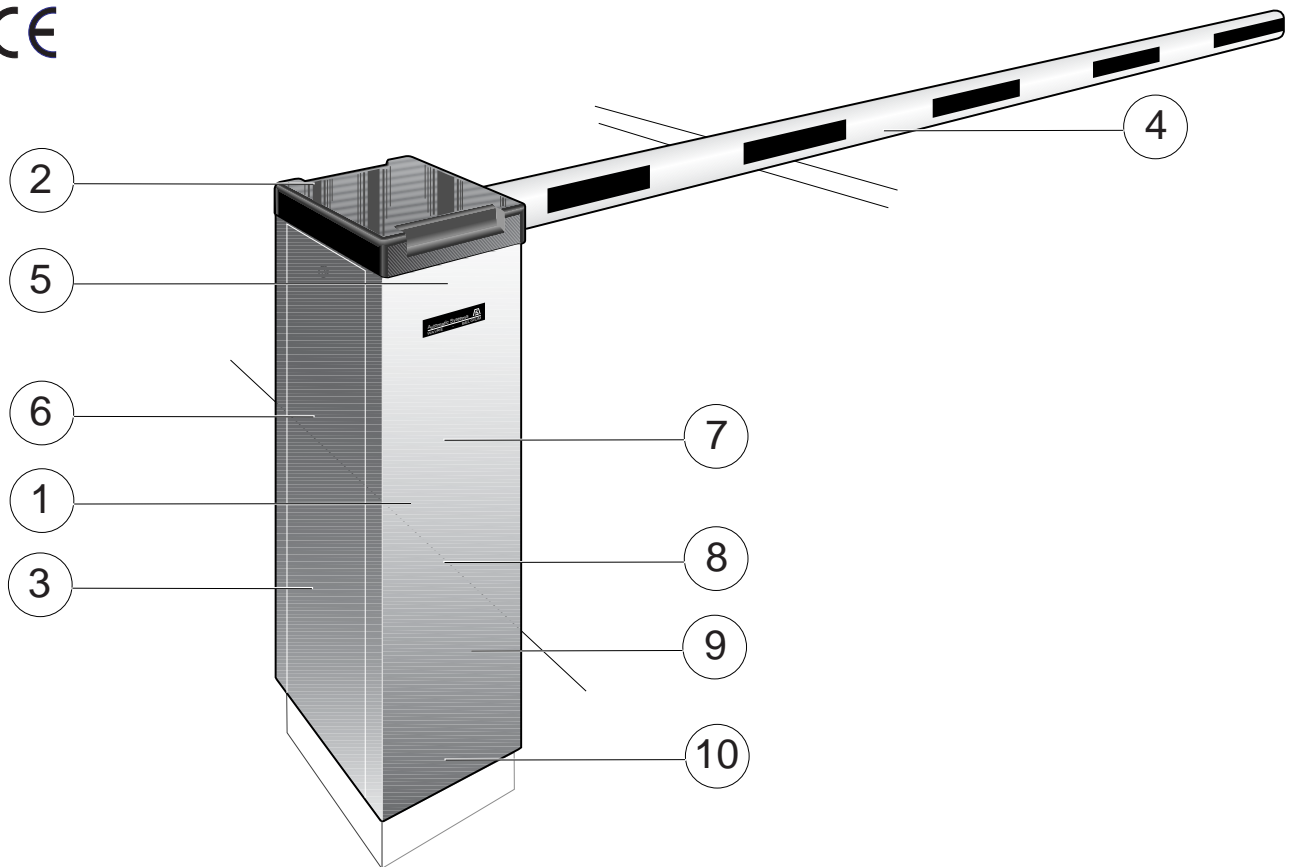


MODEL BL16 RISING BARRIER

CE



The BL16 rising barrier for passage between 2 to 4 m is particularly suited for average frequency of use access control. With its simple and reliable design, it offers effective and economical control with all the security required for users.

DESCRIPTION

1. Manufactured in welded steel sheeting, 2 to 4 mm thick.
2. Top hood in black thermally moulded ABS.
3. Access door to mechanism with peripheral weather seal and safety lock to ensure easy access to the internal mechanism.
The door may be on the road side (standard) or on the opposite side. (options)
4. Aluminium tube boom arm with oval section of 80x53 mm, varnished white with red reflecting stripes and end-sealing cap.
5. Boom arm shaft mounted on two life-lubricated ball bearings. The shaft end, centered on the housing, allows the easy inversion of the boom arm: to the left or right of the housing.
6. Electro-mechanical assembly comprising:
 - worm-screw geared motor with induction motor,
 - safety torque limiter with adjustable friction,
 - movement transmission by crankshaft-rod mechanism with ball strap joints, ensuring progressive shock-free acceleration and deceleration, as well as mechanical locking of the boom arm in the end positions,
 - adjustable limit switches.
7. Boom arm balancing in all positions by means of an adjustable extension spring.
8. Model B4 electrical logic board intended for the management of a safety loop and automatic closing. It is provided with a magneto-thermal protection, a general connection block and test buttons.
9. Internal lever for unlocking the barrier manually in the event of a power failure.
10. A base with 4 oblong drilled holes (16x32mm) to fix the barrier to the ground. (*Means of fixing to be provided according to the nature of the ground*).

Reserving all rights to make changes without prior notice

**MODEL BL16
RISING BARRIER**

TECHNICAL DATA N° 1-1101

**automatic
systems**

SURFACE TREATMENT

Protection against corrosion

Internal mechanical parts:

Yellow electrozinc dichromate coating , $\pm 15 \mu\text{m}$ thick.

Complete housing:

Phosphating with zinc and cataphoresis, $\pm 20 \mu\text{m}$ thick.

Paint

1 coat of 2-component epoxy anti-rust primer, $\pm 40 \mu\text{m}$ thick.

1 coat of 2-component polyurethane top coat, $\pm 40 \mu\text{m}$ thick.

Standard colour: Orange RAL 2000

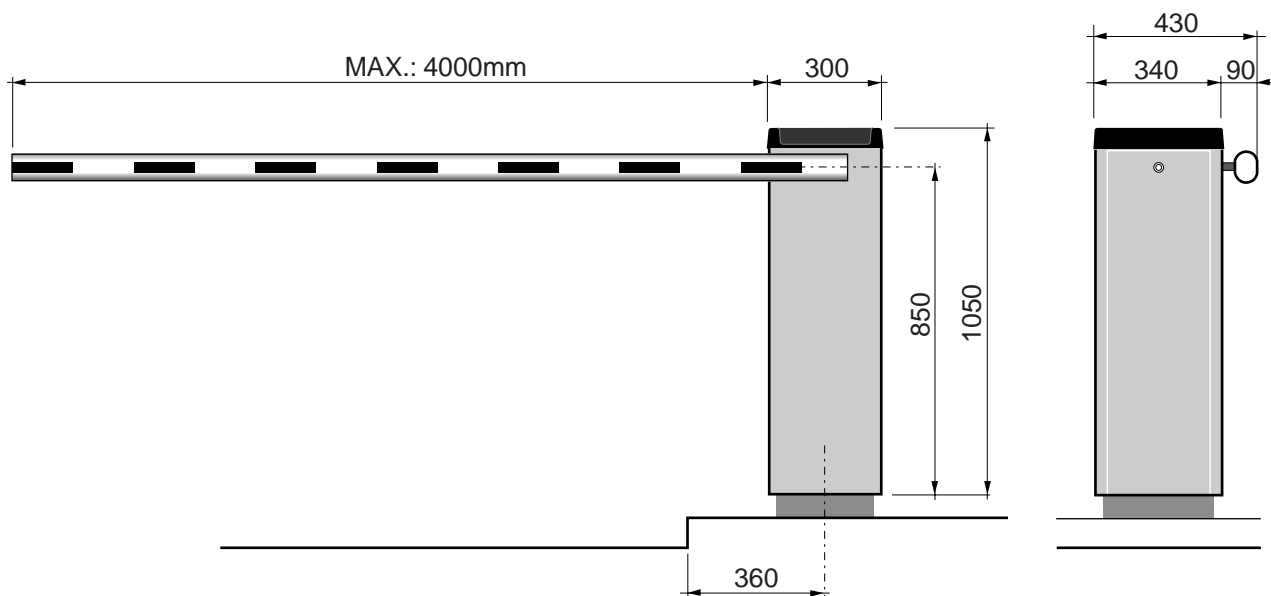
TECHNICAL CHARACTERISTICS

- Power supply: 230 V single-phase.
- Frequency: 50Hz-60Hz
(to be defined at the time of order)
- Power consumption: at rest: 5W.
(without heating) in operation: 250W.
- Boom arm balancing: by adjustable spring.
- Length of boom arm: 2 to 4m.
- Standard boom arm position: left.
- Motor: induction.
- Gearbox: worm-screw: life-lubricated.
- Operation temperature: -10° to $+50^\circ\text{C}$.
- Operation time: 3.5 sec.
- Net weight (without boom arm): $\pm 57\text{kg}$.
- MCBF: $0,5 \cdot 10^6$ cycles.

OPTIONAL TIP SUPPORTS:

- Standard tip support
- Removable tip support
(see technical data n° 1-3204)

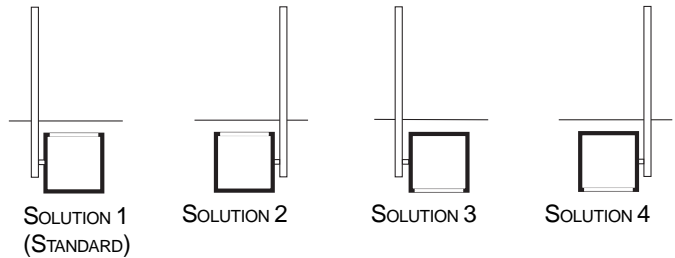
OVERALL DIMENSIONS



TECHNICAL DATA N° 1-1101

OPTIONS

- Power supply other than 230 V
- 2-button box(es).
- Different relative positions of the door and boom arm.



- Alternating red and white reflecting stripes.
- Fixing frame.
- Thermostatic heating for operation to -20°C or -30°C .
- Model C4 electrical logic board for the management of an automatic safety/closure loop and an automatic opening loop.
- Model D1 adaptable electronic logic board. .
(see technical data n° 1-8201).
- Vehicle presence detector.
- Non-standard colour RAL paint
(colour to be defined at the time of order).
- Steel raising base.

WORK TO BE CARRIED OUT BY THE CUSTOMER

- 230 V electrical power supply, single-phase, 10A+T.
- Electrical wiring connection to the control instruments.
- Means of fixing to the ground, according to the nature of the existing ground.
(please refer to installation plan n° CH3769).