LBA 7

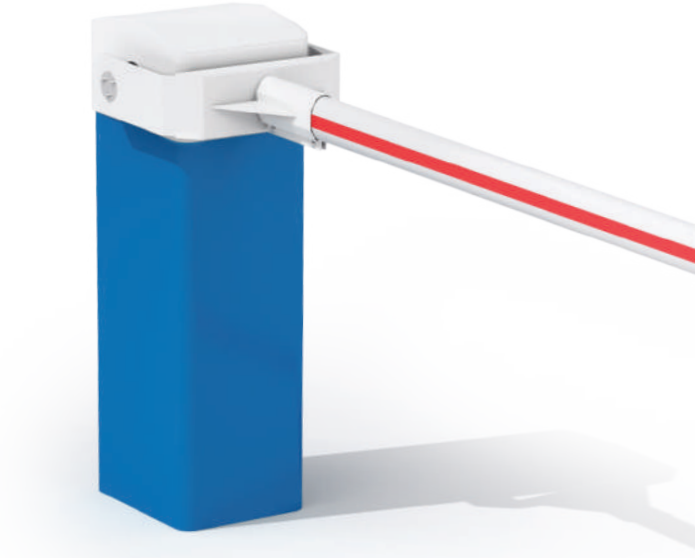
100% EFFECTIVE FOR LARGE WIDTHS

BOOM BARRIER WITH AXIAL ARM UP TO 7 m

Variable speed, adjustable from 1.7 to 3.8 seconds	Continuous and intensive operation, 15,000 cycles/day	Automatic opening system in the event of a power failure optional	**Robustness ensured by its axial boom arm clamping**	Cataphoresis treated steel body or aluminium

STANDARD CHARACTERISTICS

- **Speed:** Variable from 1.7 seconds
- **Continuous and intensive operation:** 15,000 cycles/day
- **Boom:** 84x57 mm oval axial aluminium from 2 to 7 m
- **Geared motor:** Three-phase / 230 V single-phase power supply
- **Spring:** Compression counterbalance spring
- **Housing:** Cataphoresis treated steel sheet with a Ronis 405 lock + Standard RAL 5015
- **Top cover:** 2 mm thick aluminium sheet with RAL 9010 paint
- **ONE-C board:** control board operable via wired connection or network (Modbus TCP/IP, RS485), featuring an LED interface and remote access, ensuring optimized motor management (speeds, ramps), with updates via SD card and simplified installation
- **ONE-SENSE sensor:** Cam-mounted, providing precise, real-time position tracking of the boom arm down to the nearest degree, and enabling automatic learning of end positions
- **Reduction gear:** Reversible/irreversible (to be defined)



INDUSTRY PUBLIC & RESIDENTIAL SERVICES

LBA 7

TECHNICAL SPECIFICATION

Power supply	230 V
Consumption	0.18 kW or 0.25 kW three-phase motor
Geared motor	Irreversible or reversible for automatic lifting
Counterbalance	Compression spring + chain and sprocket
Boom	84x57 mm oval white lacquered aluminium
Operating time	From 1.7 sec (variable depending on options)
MCBF (number of cycles)	5 million
MTBF (hours)	15,000
MTTR (average time to repair)	15 minutes
Maximum boom length	7 m
Emergency operation	- 10 turns of the handle and anti-restart system - Automatic opening system in the event of a power failure (optional)
Temperature control	Anti-condensation heating (if irreversible)
Paint	Polyester powder
Overall dimensions (LxDxH)	600 x 600 x 800 mm
Operating temperature	-30 ° to +55 °C
IP rating	54

Boom length (m)	Passing width (m)	Weight (kg)	Tip supports
4.00	4.00	69	No
5.00	5.00	70	Yes
6.00	6.00	71	Yes
7.00	7.00	72	Yes

OPTIONS

Fail safe open in the event of a power failure

Customisation

- Special colour polyester paint (RAL to be defined)

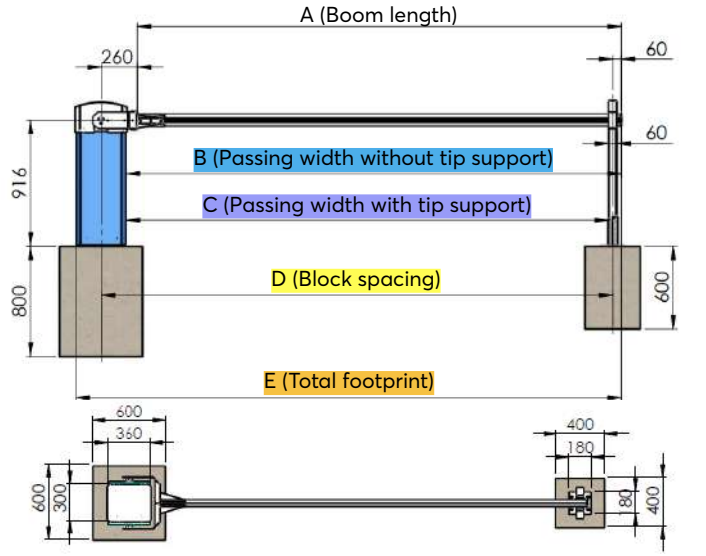
Audible & visual signals

- Illuminated LED strip cover
- Illuminated barrier
- Flashing lights on the housing
- Flashing light on the barrier
- Penetration lights
- R23 red and green light on integrated post
- Standardised signage
- Siren on passage violation

Safety

- Infrared barrier
- Reflex cell
- Loop detector
- Single or double-direction virtual loop
- Ultrasonic detector
- Articulated arm
- Galvanised anti-corrosion housing
- LAPI
- Aluminium housing
- Firefighter box - Button box
- Manual anti-shock rotation device
- Internal anti-fraud locking (reversible)
- Cardin S 449-433 MHz 1-channel programmable radio receiver
- Adjustable rest
- Electromagnetic locking on stands
- Adjustable tip suppor
- GA grid - GTH/GT2H grid - GTH/GT2H FLEX grid
- LBA connect

INSTALLATION



Boom length **A** in mm	Passing width without tip support **B** in mm	Passing width with tip support **C** in mm	Block spacing **D** in mm	Total footprint **E** in mm	Open barrier height **H** in mm
A	A = B - 80	A = C + 10	A = D - 200	A = E - 440	A = H - 1,180

Power supply:

- ø63 mm janolene
- U-1000 RO 2V 3 x 2.5 mm2 cable

Remote control:

- ø40 mm green janolene
- 5 pair 9/10 core telephone cable

Arm rest connection:

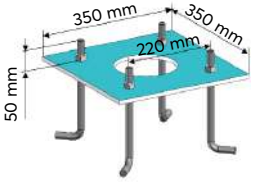
- ø30 mm tube
- Infrared cell, magnetic plunger, etc.

Magnetic loop cable:

- ø30 mm tube
- Twisted pair loop cable

Sealing template + 4 mounting rods

- The template remains level in situ and must rest entirely on solid concrete
- Tip support base plate



LA BARRIÈRE AUTOMATIQUE

For more information, contact our teams on **+33 (0)4 78 86 02 86**
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