LBA 74

THE DETERRENT BARRIER FOR SENSITIVE SITES

BOOM BARRIER WITH AXIAL ARM UP TO 3.5 M

Variable speed, adjustable from 2.7 to 3.8 seconds	Continuous operation, 10,000 cycles/day	Fail safe open in the event of a power failure	**Robustness ensured by its axial arm clamping**	Cataphoresis treated steel body

STANDARD CHARACTERISTICS

- **Speed:** Variable and adjustable from 2.7 seconds
- **Continuous operation:** 10,000 cycles/day
- **Boom:** 135x93 mm oval axial high strength aluminium from 2 to 3.5 m
- **Geared motor:** Three-phase / 230 V single-phase power supply
- **Spring:** Compression counterbalance spring
- **Housing:** Made of treated steel sheet with Ronis 405 cataphoresis lock + standard RAL 5015
- **Top cover:** 2 mm 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

INDUSTRY PUBLIC & RESIDENTIAL PAID PARKING

LBA 74

TECHNICAL SPECIFICATION

Power supply	230 V
Consumption	0.18 kW three-phase motor
Geared motor	Reversible
Counterbalance	Compression spring + chain and sprocket
Boom	135x93 mm oval white lacquered reinforced aluminium
Operating time	From 2.7 seconds (variable depending the options and lengths chosen)
MCBF (number of cycles)	5 million
MTBF (hours)	15,000
MTTR (average time to repair)	30 minutes
Maximum boom length	3.5 m
Emergency operation	Fail safe open in the event of a power failure
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
2.00	2.00	84	No
3.00	3.00	87	No
3.50	3.50	88	Yes

OPTIONS

Customisation

- Special colour polyester paint (RAL to be defined)

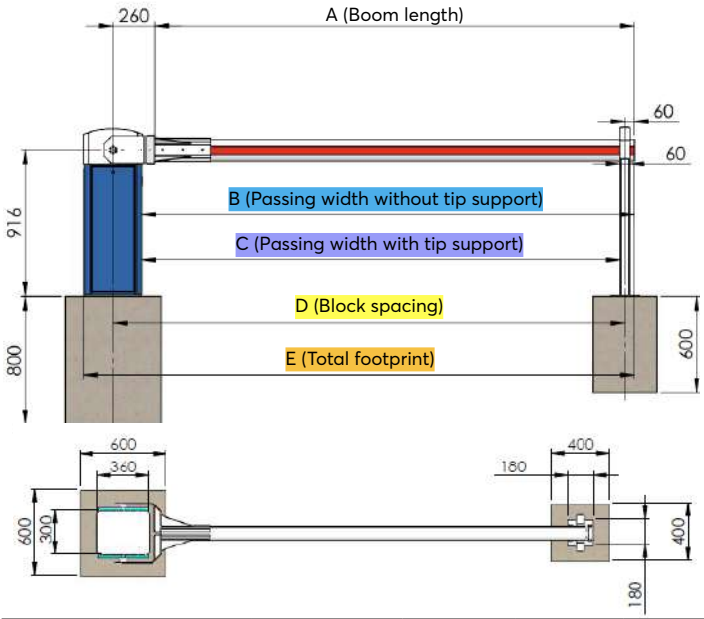
Audible & visual signals

- Illuminated cover with LED strip
- Illuminated boom
- Flashing lights on post
- Flashing light on beam
- Penetration lights
- R23 red and green light on integrated post
- Standardised signage
- Siren on passage violation
- Bar with integrated LED strip
- Flashing lights on barrel
- Audible alarm in case of forced lifting
- Standardised signage

Safety

- Infrared barrier
- Reflex cell
- Loop detector
- Single and double-direction virtual loops
- Ultrasonic detector
- Articulated arm
- Aluminium housing
- Galvanised anti-corrosion housing
- LAPI
- Firefighter box - Button box
- Manual anti-shock rotation device
- Internal anti-fraud locking (reversible)
- Programmable Cardin S 449-433 MHz 1-channel radio receiver
- Adjustable rest
- Electromagnetic locking on rest
- Adjustable tip support
- 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 - 445	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:

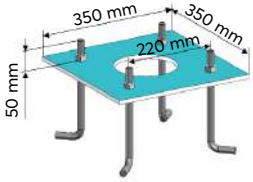
- ø30 mm tube
- Infrared cell, magnetic plunger, etc.

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
- Arm rest base plate



LA BARRIÈRE AUTOMATIQUE GROUP LBA

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