LBA 6

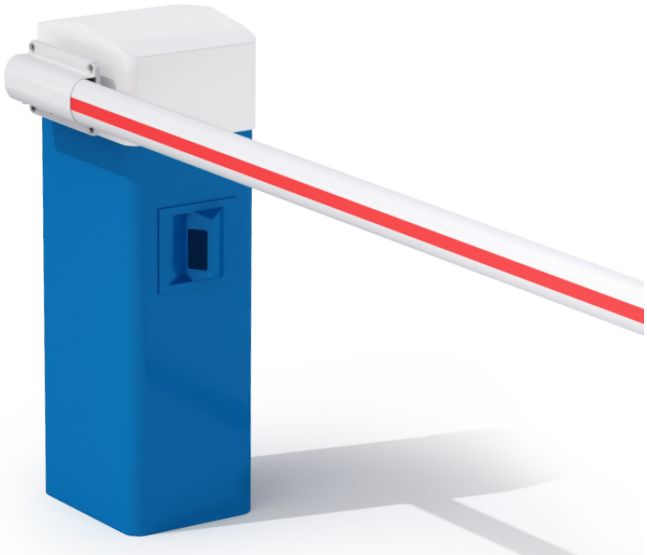
THE MOST RELIABLE BARRIER ON THE MARKET

BOOM BARRIER WITH LATERAL ARM UP TO 6 M

Variable speed, adjustable from 1 to 3.8 seconds	Continuous operation, 15,000 cycles/day	Fail safe or fail lock operation	Steel body protected by cataphoresis or aluminium	**Easy installation: Boom set by auto-learning**

STANDARD CHARACTERISTICS

- **Speed:** Variable from 1 second
- **Continuous and intensive operation:** 15,000 cycles/day
- **Boom:** Aliminium lateral oval arm 84x57mm from 2 to 6 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 control board comprising:** Power supply, PLC, frequency converter, SD card, RJ45 (Modbus) and torque limiter
- **ONE-SENSE sensor:** Automatic motor management and control



INDUSTRY PUBLIC & RESIDENTIAL SERVICES

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TECHNICAL SPECIFICATION

Power supply	230 V
Consumption	0.18 kW three-phase motor
Geared motor	Anti-vandalism irreversible or reversible reduction gear (optional)
Counterbalance	Compression spring + chain and sprocket
Boom	84x57 oval aluminium
Operating time	From 1 sec (variable depending on options)
MCBF (number of cycles)	≥ 10 million
MTBF (hours)	≥ 15,000
MTTR (average time to repair)	Less than 15 minutes
Maximum boom length	6 m
Emergency operation	- 11 turns of the handle and anti-restart system - Automatic opening system in the event of a power failure (optional)
Temperature control	Anti-condensation heating
Paint	250 ° polyester powder coating
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)	Arm rest
2.00	1.70	58	No
3.00	2.70	59	No
4.00	3.70	61	No
5.00	4.70	62	Yes
6.00	5.70	64	Yes

OPTIONS

Fail safe opening in case of power failure

Customisation

- Galvanised steel or aluminium housing?
- Polyester paint with a choice of colours (RAL to be defined)
- 3rd party peripheral mechanical integration
- Local controls: fire service access control, push button box, etc.
- LBA Connect: Remote control and monitoring application
- Miss Screen display for user interface
- Articulated boom

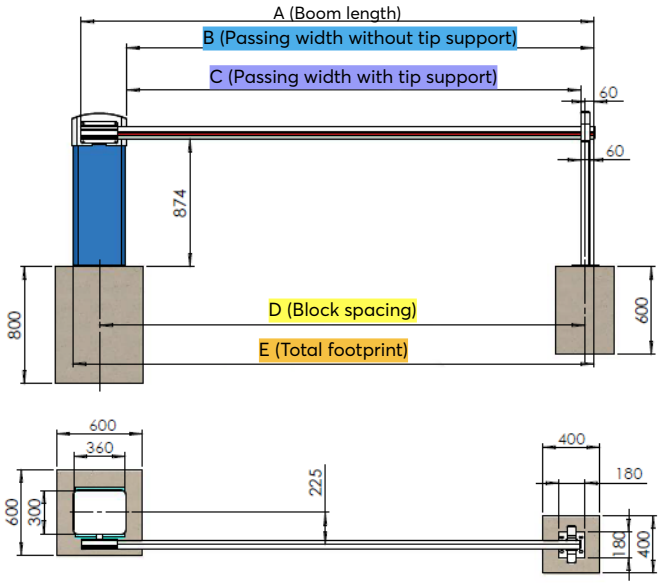
Audible & visual signals

- Led light strip on top cover
- Dynamic LED strip on arm
- Red/green clearance light on a post integrated into the housing
- High visibility warning light

Safety

- Infrared barrier
- Simple and double-direction virtual loops
- Retro-reflective photoelectric cell + sensors
- Magnetic loop presence detector
- Ultrasonic detector
- Forced opening alarm
- Magnetic plunger on arm rest
- Electromagnetic lock on arm rest
- Internal anti-fraud lock (reversible only)
- Lower skirt
- Full height skirt
- Release system

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 + 310	A = C + 400	A = D +185	A = E - 60	A = H - 790

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

Link with arm rest post:

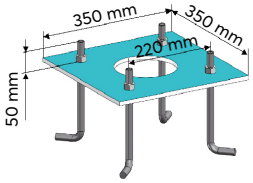
- ø30 mm tube
- Infrared cell, magnetic plunger, etc.

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 support base plate



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