

LBA 63 BLOCK UP

THE FASTEST BARRIER ON THE MARKET
THE AUTOMATIC TOLL BARRIER



**Ultra-Fast
and smooth
operation**

Front release to prevent
potential impact on
island equipment

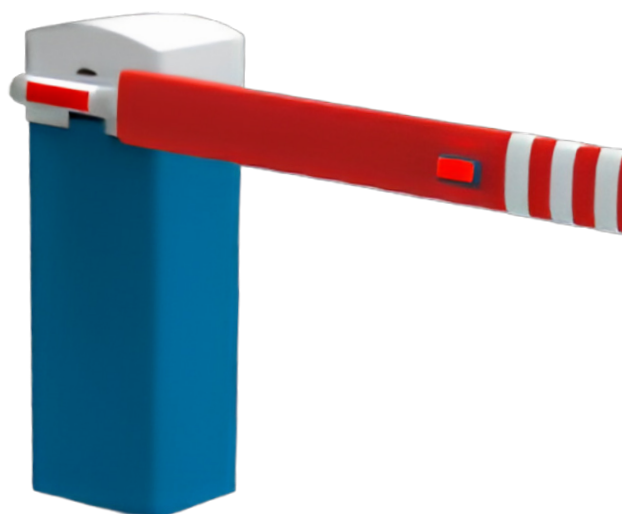
Automatic release
and hinging system
to avoid arm
breakage

Optimised maintenance
with Carbon or FLEX
arm can be replaced
in less than 1 minute
without tools

Integrated One-C
technology. LBA
connect option to
manage complete
installed base at a
glance

STANDARD CHARACTERISTICS

- **Speed:** Variable From 0.5 seconds
- **Continuous and intensive operation:** 15,000 cycles/day
- **Boom:** Lateral oval aluminium boom 84x57 mm, length up to 4 m
- **Geared motor:** Three-phase / 230 V single-phase power supply
- **Spring:** Compression counterbalance spring
- **Housing:** Cathaphoresis 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)
- **ONE-SENSE sensor:** Automatic motor management and control



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TECHNICAL SPECIFICATION

Power supply	230 V
Consumption	0.18 kW three-phase motor
Geared motor	Reversible
Counterbalance	Compression spring + chain and pinion
Boom	Oval aluminium white lacquer 84x57mm
Operating time	From 0.5 sec (variable depending on options)
MCBF (number of cycles)	10 million
MTBF (hours)	15,000
Maximum boom length	4 m
Emergency operation	Automatic lifting in case of low voltage
Paint	Polyester powder
Overall dimensions (LxDxH)	600 x 600 x 800 mm
Operating temperature	-30 ° to +55 °C
IP rating	54

OPTIONS

Customisation

- Special color polyester paint (RAL to be defined)

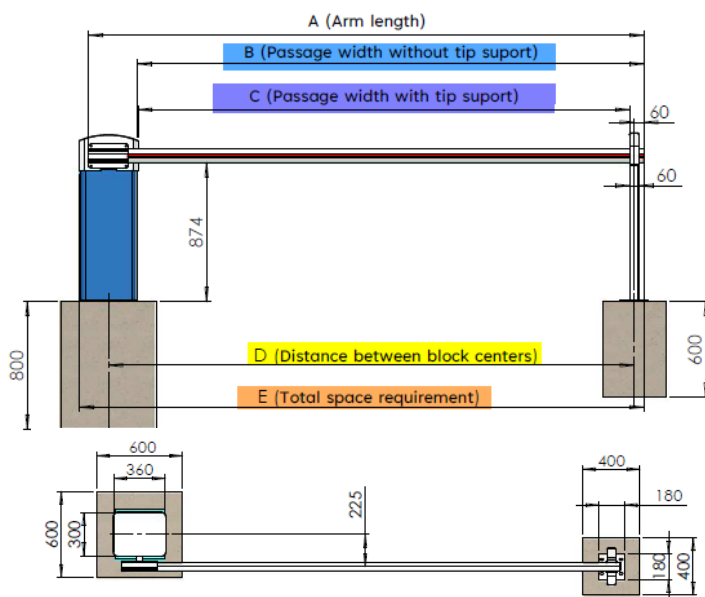
Audible & visual signals

- Illuminated LED strip cover
- Flashing lights on the housing
- Flashing light on the rail
- Penetration lights
- Siren for passage violation

Safety

- Loop detector
- Galvanised anti-corrosion bodywork
- Aluminium bodywork
- LAPI
- Firefighter box
- Button box
- Internal anti-fraud lock (reversible)
- Rear unhinging
- Programmable Cardin S 449-433 MHz 1-channel radio receiver
- LBA Connect

INSTALLATION



Arm length A in mm	Passage width without tip support B in mm	Passage width with tip support C in mm	Distance between block centers D in mm	Total space requirement 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 tip support:

- 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

