

LBA 4

ACCESSIBLE PERFORMANCE

BOOM BARRIER WITH LATERAL ARM UP TO 4 m



Variable speed, adjustable
From 2.4 to 4.4 seconds

Continuous and intensive
operation, 10,000
cycles/day

Cataphoresis treated
steel body

**Fixed tip support or
integrated tilting
support**

STANDARD CHARACTERISTICS

- **Speed:** Variable From 2.4 seconds
- **Continuous and intensive operation:** 10,000 cycles/day
- **Boom:** Lateral aluminum 84x57mm oval arm up to 4m
- **Geared motor:** Three-phase / 230 V single-phase power supply
- **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 card:** 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



TECHNICAL SPECIFICATION

Power supply	230 V
Consumption	0.18 kW three-phase motor
Geared motor	Irreversible
Boom	84x57 mm oval white lacquered aluminium
Operating time	From 2.4 sec (variable depending on options)
MCBF (number of cycles)	3 million
MTBF (hours)	15,000
MTTR (average time to repair)	15 minutes
Maximum boom length	4 m
Emergency operation	By hand crank
Temperature control	Anti-condensation heating
Paint	Polyester powder
Overall dimensions (LxDxH)	600 x 600 x 800 mm
Operating temperature	-30 ° to +55 °C
IP rating	54

OPTIONS

Customisation

- Polyester paint with a choice of colours (RAL to be defined)

Audible & visual signals

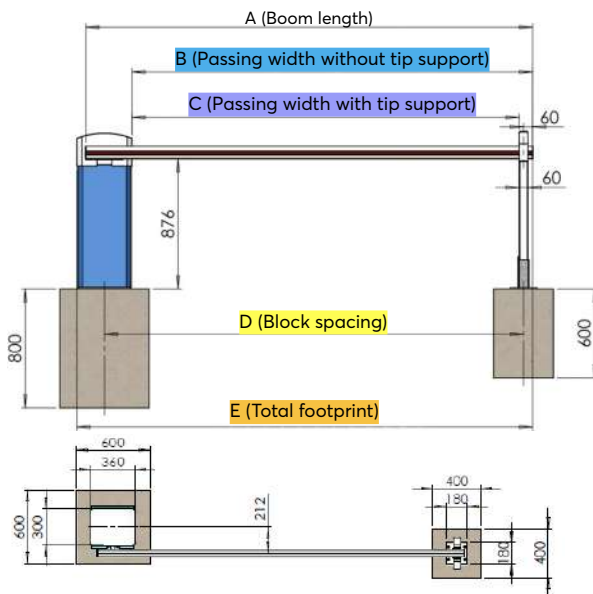
- Illuminated top

Safety

- Infrared barrier
- Retro-reflective photoelectric cell
- Magnetic loop presence detector
- Ultrasonic detector
- Adjustable tip support with magnetic plunger - 250kg

Boom length (m)	Passing width (m)	Weight (kg)	Tip supports
2.00	1.70	52	Yes
3.00	2.70	54	Yes
4.00	3.70	56	Yes

INSTALLATION



Boom length A in mm	Clear passage width without tip support B in mm	Clear passage width with tip support C in mm	Foundation 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 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

