

LBA 63 PK

THE LEADING PAID PARKING BARRIER

BOOM BARRIER WITH ARTICULATED ARM UP TO 3.8 M



Variable speed,
adjustable
From 0.8 to
2.4 seconds

Continuous and
intensive operation,
15,000 cycles/day

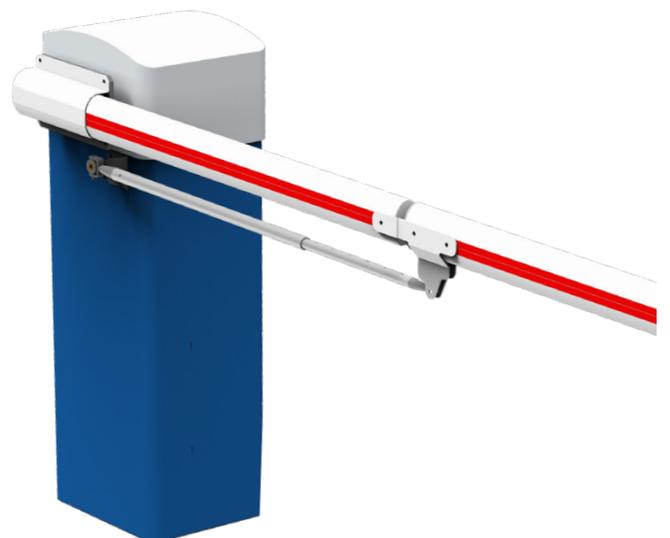
**Articulated boom,
adjustable on site without
prior measurement for
underground car parks**

Arm ejection or
release on impact
option

Fail safe open in case
of power failure.
Automatic re-opening
on impact

STANDARD CHARACTERISTICS

- **Speed:** Variable From 0.8 seconds
- **Continuous and intensive operation:** 15,000 cycles/day
- **Boom:** Ø 85 mm articulated or straight lateral aluminium, length up to 3.80 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 point
- **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



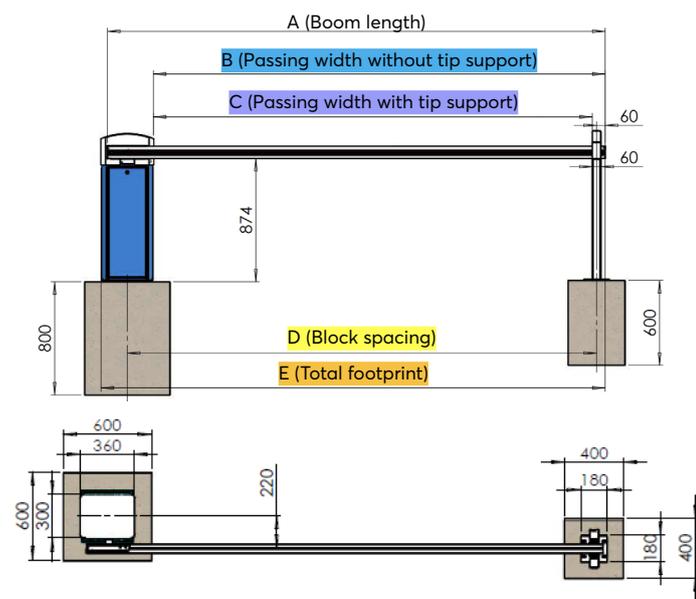
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TECHNICAL SPECIFICATION

Power supply	230 V
Consumption	0.18 kW three-phase motor
Geared motor	Reversible reduction gear
Counterbalance	Compression spring + chain and sprocket
Boom	84x57 mm aluminium boom Flex boom Articulated boom and/or Foam-padded boom
Operating time	From 0.8 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	3.8 m
Emergency operation	Fail safe open in the event of a power failure
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
3.40	3.10	59	Yes
3.80	3.50	60	Yes

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

OPTIONS

Customisation

- Polyester paint with a choice of colours (RAL to be defined)
- Aluminium casework option
- Mechanical integration of 3rd party equipment (LPR...)
- Universal articulated boom, adjustable on site
- Ejection on impact (boom and articulation rod)
- Local controls: fire service access control, push button box, etc.
- LBA Connect Remote monitoring and control App

Audible & visual signals

- Dynamic LED Strip on top cover
- Dynamic LED strip integrated on arm
- Red/Green traffic light on a small post integrated into the casework
- Top lid with Miss Screen display for dynamic message broadcasting

Safety

- Infrared barrier
- Simple and double-direction virtual loops
- Retro-reflective photoelectric cell
- Magnetic loop detector
- Ultrasonic detector
- Adjustable arm rest with electromagnetic plunger
- Adjustable boom arm rest with a rubber damper
- Internal anti-fraud lock
- Rear release or ejectable boom

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

