



LA BARRIÈRE AUTOMATIQUE
F A B R I C A N T



**PUBLIC AND RESIDENTIAL
INDUSTRIAL**

2 to 7m

LBA 7

ALUMINIUM ARM OR GLASS FIBER

From 4 to 7 m - Oval arm 84x57 mm

- **10 000 cycles / day**
- **Variable speed, programmable from 2 to 9 sec.**
 - **Three-phase motor, power supply 230 V**
 - **Adjustable rate of acceleration and braking**
 - **Axial aluminium or fiber arm**
 - **Protected with cataphoresis**



Specifications Technical feature

Housing and door: Steel sheet 2 mm protected with cataphoresis, blue paint RAL 5015, door equipped with a Ronis 405 lock.

Top cover: Steel sheet 2 mm protected with cataphoresis, white paint RAL 9010

Paint: Polyester powder baked at 250°, housing RAL 5015, cover RAL 9010.

Arm: One-section adonized oval aluminium arm of 84 x 57 mm ≤ 7 mm or fiber + reflecting bands.

Counterbalance: Compression spring ≤ 380kg.

Emergency operation: Manual operation by 10 turns of the handle and an anti-restarting lock.

Geared motor: Three-phase 230 V (Δ) motor powered by a single-phase 230 V frequency converter.
Double wheel converter and worm screw, lubricated for life + 17 mm shaft crank extension

Arm ml	Oval mm	Drive KW	Voltage A/230V	Speed trs/mm	Variator proportion	Operation time	
						50 Hz	mini/maxi
≤ 4,0	84x57	0,18	1,2	1410	266 / 1	2,8 / 2,8	2,0 / 5,0
4,0 à 5,0	84x57	0,18	1,2	1410	380 / 1	3,9 / 3,9	3,0 / 6,0
5,0 à 6,0	84x57	0,18	1,2	1410	570 / 1	5,9 / 5,9	5,0 / 9,0
6,0 à 7,0	84x57	0,18	1,2	1410	570 / 1	5,9 / 5,9	5,0 / 9,0

Standard equipment: Housing with geared motor, counterbalance and an arm fixed support.
Isolating switch, frequency converter, multi-program control unit.
Inductive sensors without contact for the arm adjustments.
Anti-condensation thermostatic heating 230 V – 32 W.
Crank for manual emergency operations (with limited switches).
A set of keys for the maintenance hatch.

Optional equipment: Safety magnetic loop - infrared cell – adapted logics – signage etc

LBA 7 - ALUMINIUM ARM OR GLASS FIBER

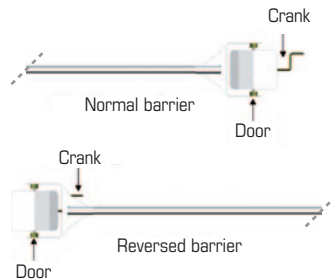
from 4 to 7 m – oval arm 84 x 57 mm

LBA 7 «Axial» barrier				
Type	Maximum passing width	Arm Length	Total weight	Fixed support post or moving support is compulsory
LBA 7 - 00	-	-	65 kg	-
LBA 7 ≥ 400	4,00 m	4,00 m	69 kg	No
LBA 7 > 500	5,00 m	5,00 m	70 kg	yes
LBA 7 > 600	6,00 m	6,00 m	71 kg	yes
LBA 7 > 700	7,00 m	7,00 m	72 kg	yes

Optional equipment:

- PVC sealed template frame +4 bars 16 X 250 mm+8 bolts.
- Rotary sealed template frame + 4 bars ø 16 x 250 mm + stainless steel disc.
- Fixed support post in tube of 60 x 60 x 1200 mm.
- Height adjustable support from 900 to 1200mm, to be fixed with 4 pins.
- Fixed support post with 230 kg magnetic suction.
- Ajustable moving support from 900 to 1000 mm.
- Lower folding skirt +full high swivel skirt.
- Polyester paint of special color (RAL to be defined).
- Signage (450 mm standard model) : STOP or NO ENTRY.
- Motion detector on a magnetic loop, infrared cell etc.
- Local control equipment : fire brigade access control, push button box, etc.
- Radio receiver Cardin 433 MHz from 1 to 4 channels, European standard.
- Access control : card readers, number code keyboard, etc.
- In absence of U arm, automatic lifting < 5 m
- Solar supply possible, please contact us for further information

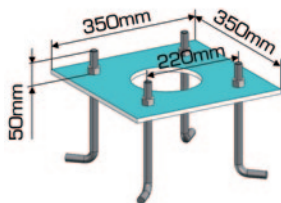
- MCBF** : 5 000 000 of cycles
(Number of average cycle without failure)
- MTBF** : 15 000 h
(Average function time without failure)
- MTTR** : 30 mn.
(Average repairing time)
- Protection** : IP 54
(Indication of protection)



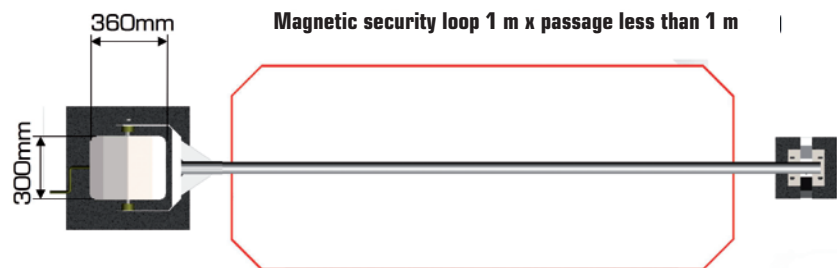
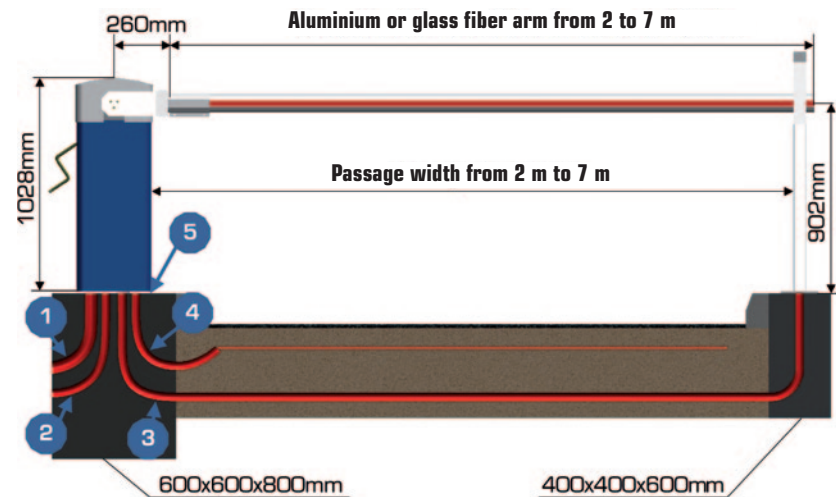
INSTALLATION

Conducts and cables:

- Power supply:**
 - Tube Ø 63 mm
 - U 1000 RO 2V
 - 3 x 2.5 mm²
- Remote control:**
 - Green tube Ø 40 mm
 - 5 pairs 9/10 telephone cable
- Link with support:**
 - Tube Ø 30 mm
 - Cellule IR, ventouse magnétique, etc
- Magnetic loop tail:**
 - Tube Ø 30 mm
 - Cabled loop tail
- Sealing template frame:**
 - 10 mm PVC base frame
 - 4 anchoring bars Ø 16X 250mm



The template has to be levelled and must completely rest on the concrete foundation. Distance between each embedded shaft : 220 X 220 mm



WORK TO BE CONDUCTED BY THE INSTALLER :

- Concrete foundation with sealing template frame and 4 shafts Ø 16 mm (optional).
- Casing for power cables, remote control and magnetic loop.
- Electric power: U 1000 RO 2V cable: 3 x 2.5 mm², single-phase 230 V.
- Remote control : 5 pairs 9/10 telephone cable.