



PUBLIC AND RESIDENTIAL  
INDUSTRIAL >>

**ALUMINIUM ARM**

From 2 to 4 m - Oval arm 84x57 mm

- Intensive use
- Variable speed, programmable from 3 to 6 sec.
  - Three-phase motor, power supply 230V
  - Adjustable rate of acceleration and braking
  - Impeccable design
- A large choice of colours to ease the integration in the landscape
  - Protected with cataphoresis



Specifications      Technical feature

<b>Housing and door</b>	Steel sheet 2 mm protected with cataphoresis with RAL 5015 paint.
<b>Top cover:</b>	Steel sheet 2 mm protected with cataphoresis, with RAL 9010 paint.
<b>Paint:</b>	Polyester powder baked at 250°, housing RAL 5015, cover RAL 9010.
<b>Arm:</b>	One-section anodized oval aluminium arm of 84 x 57 mm with reflecting bands.
<b>Geared motor:</b>	Three-phase 0,18 kw - 230V (Δ) motor powered by a single-phase 230V frequency converter Double wheel converter and worm screw, lubricated for life + 17 mm shaft end for the crank

Aluminium arm	Oval	Drive	Voltage	Operation time
ml	mm	KW	A/230V	50 Hz mini/maxi
2	84x57	0,18	1,2	from 3 to 4 sec.
3	84x57	0,18	1,3	from 4 to 5 sec.
4	84x57	0,18	1,4	from 5 to 6 sec.

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

**Standard equipment:** Design conform with the European regulations (EN 13241).  
 Housing equipped with geared motor and arm support plate.  
 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.  
 Installation, connection, implementation and maintenance manuals.  
 Anodized oval aluminium arm with reflecting bands.  
 Height-adjustable support from 800 to 1 200 mm, to be fixed with 4 screw anchors or adjustable moving support from 800 to 1 000 mm.

**Optional equipment:** Safety magnetic loop - infrared cell – adapted logics – signalling systems etc.

# LBA 4 - ALUMINIUM ARM

from 2 to 4 m – oval arm 84 x 57 mm

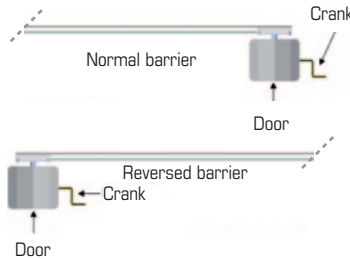
## LBA 4 oval aluminium arm 84 x 57 mm

Type	Maximum passing width	Arm Length	Total weight	Fixed support post or moving support is compulsory
LBA 4 - 00	-	-	50kg	-
LBA 4 - 200	1,70 m	2,00 m	52kg	yes
LBA 4 - 300	2,70 m	3,00 m	54kg	yes
LBA 4 - 400	3,70 m	4,00 m	56kg	yes

### Optional equipment :

PVC sealed template frame +4 bars 16 X 250 mm+8 bolts.  
 Fixed support post with 230 kg suction magnetic.  
 Polyester paint of special color (RAL to be defined).  
 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.

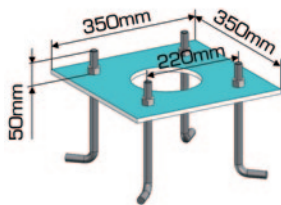
**MCBF** : 3 000 000 of cycles  
 (Number of average cycle without failure)  
**MTBF** : 10 000 h  
 (Average function time without failure)  
**MTR** : 15 mn.  
 (Average repairing time)  
**Protection** : IP 54  
 (Indication of protection)



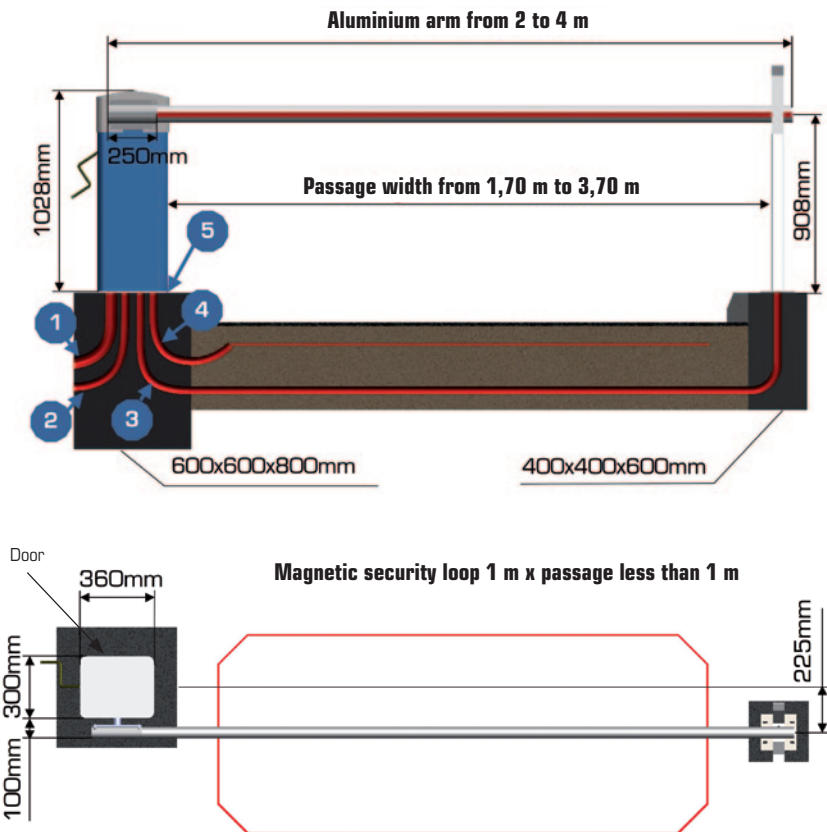
## INSTALLATION

### Conducts and cables:

- Power supply:**
  - Tube Ø 63 mm
  - U 1000 RO 2V  
3 x 2.5 mm<sup>2</sup>
- 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 mm<sup>2</sup>, single-phase 230 V.
- Remote control : 5 pairs 9/10 telephone cable.