



4 to 10m

LBA 10

PUBLIC AND RESIDENTIAL
INDUSTRIAL
LANE CLOSING

HIGH RESISTANCE GLASS FIBRE ARM
4 to 10 m – ø 140 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
 - Installation possible on right or left side
 - Resistant to gusts of wind of 160 km/h
 - Protected with cataphoresis



Specifications Technical features

Housing and maintenance door :	Steel sheet 3 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 RAL 9010.
Paint :	Polyester powder baked at 250°, housing RAL 5015, top cover RAL 9010.
Arm :	Reinforced glass fibre and polyester arm ø 140 mm with reflecting bands (I or II class).
Half shell :	Galvanized steel of 8 mm for truncated tube in reinforced glass fibre of ø 140 mm.
Counterbalance :	Compression spring from 400 to 1 800 kg + bar, chain and sprocket (replaces the counterweight).
Emergency operation :	Manual operation by 11 turns of the handle and an anti-restarting lock.
Geared motor :	Three-phase 0,55 kw driven by a frequency converter powered by a single-phase 230V.

Arm m	Oval mm	Drive KW	Voltage A/230V	Speed trs/mm	Variator proportion	Operation time	
						50 Hz	mini/maxi
≤ 4 m	140	0,55	2,9	1410	322 / 1	3,0 / 3,0	2,0 / 4,0
4 to 6 m	140	0,55	2,9	1410	460 / 1	6,0 / 6,0	4,0 / 8,0
6 to 10 m	140	0,55	2,9	1410	640 / 1	8,0 / 8,0	6,0 / 9,0

Standard equipments : Housing with geared motor, counterbalance and a half shell.
 Isolating switch, frequency converter, control unit or PLC.
 Inductive sensors without contact for the arm adjustments.
 Anti-condensation thermostatic heating 230 V – 32 W.
 Glass fibre and polyester arm ø 140 mm with reflecting bands class I.
 Crank for manual emergency operations (with limited switches).
 A set of keys for the maintenance hatch.
 Installation, connection, implementation and maintenance manuals.

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

LBA 86 - REINFORCED GLASS FIBRE ARM

from 4 to 10 m – ø 140 mm

LBA 10 anti-vandalism arm ø 140 mm

Type of barrier	Maximum passing width	Arm Length	Total weight	Fixed support post or moving support is compulsory
LBA 10 - 00	-	-	120 kg	-
LBA 10 > 400	4,00 m	4,00 m	128 kg	no
LBA 10 > 500	5,00 m	5,00 m	130 kg	no
LBA 10 > 600	6,00 m	6,00 m	132 kg	yes
LBA 10 > 700	7,00 m	7,00 m	134 kg	yes
LBA 10 > 800	8,00 m	8,00 m	136 kg	yes
LBA 10 > 900	9,00 m	9,00 m	138 kg	yes
LBA 10 > 1000	10,00 m	10,00 m	140 kg	yes

MCBF : 3 000 000 of cycles

(Mean cycles before failure).

MTBF : 15 000 h

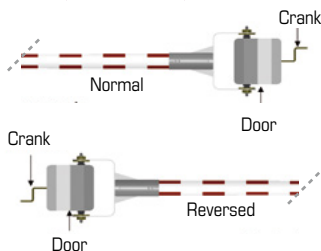
(Mean time between failures).

MTTR : 30 mn.

(Mean time to Repair).

Protection : IP 54

(Indication of protection).



Optional equipments:

PVC sealed template frame + 4 bars 16 X 250 mm + 8 bolts.

Sealed template frame for rotative barrier + 4 bars ø 16 x 250 mm + stainless steel disc.

Fixed support post tube of 80 x 80 x 1200 mm.

Fixed support post with 230 kg magnetic suction.

Ajustable moving support from 900 to 1000 mm + spring with shock absorber.

Lower folding skirt ø 14 mm of 3 to 6 m on stainless steel screws and junction (P3 Nylon).

Polyester paint of special color (RAL to be defined).

Signage with standard models ø 450, 650.

"High luminosity" LED flashing light.

Motion detector on a magnetic loop, infrared cell etc.

Local control equipments : fire brigade access control, push button box, etc.

Specific controls : tunnels, highways, SAS, etc.

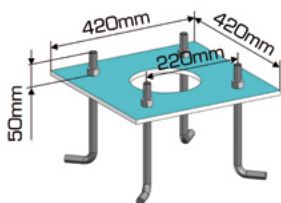
Access controls : card readers, number code keyboard, etc.

In absence of U arm, automatic lifting < 5 m.

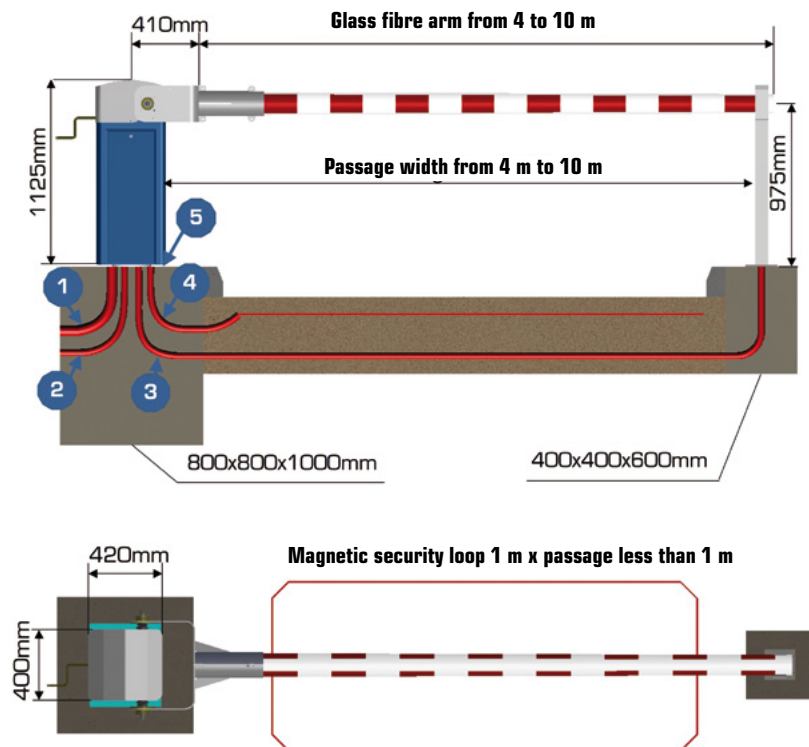
INSTALLATION

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.
 - Infrared cell, suction magnetic, etc.
- Magnetic loop tail:**
 - Tube ø 30 mm.
 - Cabled loop tail.
- Sealing template frame:**
 - 10 mm PVC base frame.
 - 4 anchoring bars ø 16 X 250 mm.



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.