



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

8 to 12 m

LBA 12

**INDUSTRIAL
WAY BRAKER**

FAR-REACHING ARM

From 8 to 12 m – ø 140 mm

- **10 000 passages / day**
- **Variable speed programmable from 7 to 15 sec.**
- **Three-phase motor, power supply 230V**
- **« Anti-shock » rotation feature and special maintenance**
- **Resistant to gusts of wind until 160 km/h**
- **Protected by galvanization**



Specifications

Technical feature

Housing and maintenance door :

Steel sheet 4 mm protected by galvanization, blue RAL 5015, the door is equipped with a Ronis 405 lock.

Top cover:

Steel sheet 3 mm protected by galvanization, blue RAL 5015.

Paint:

Polyester powder baked at 250°, housing RAL 5015, top cover RAL 5015.

Arm:

Reinforced glass fibre and polyester arm ø 140-70 mm with reflecting bands class I or II.

Half shell:

Galvanized steel of 10 mm for truncated in reinforced glass fibre of ø 140 mm.

Counterbalance:

Compression spring ≤ 3600kg + bar, chain and sprocket (replaces the counterweight).

Emergency operation:

The manual operation by 11 turns of the handle and an anti-restarting lock.

Geared motor:

Three-phase 0,55 kw 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.

Arm m	Oval mm	Drive KW	Voltage A/230V	Speed trs/mm	Variator proportion	Operation time	
						50 Hz	mini/maxi
from 8,0 to 9,0	140	0,55	2,9	1410	800/1	10,0/10,0	7,0/12,0
from 9,0 to 10,0	140	0,55	2,9	1410	900/1	10,0/10,0	7,0/12,0
from 10,0 to 11,0	140	0,55	2,9	1410	1280/1	12,0/12,0	10,0/15,0
from 11,0 to 12,0	140	0,55	2,9	1410	1280/1	12,0/12,0	10,0/15,0

Standard equipment:

Housing with geared motor, counterbalance and a half shell.
Isolating switch, frequency converter, multi-program control unit
Anti-condensation thermostatic heating 230V-32W
Crank for manual emergency operations (with limited switches)
A set of keys for the maintenance hatch and a key to adjust the limited switches
Installation, connection, implementation and maintenance manuals
Reinforced glass fiber and polyester arm of ø 140 mm with reflecting strips class I.

Optional equipment:

Safety magnetic loop or free exit - infrared cell – adapted logics – signage etc

LBA 12 - FAR-REACHING ARM

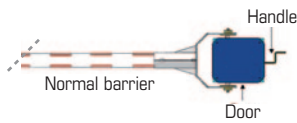
from 8 to 12 m – ø 140 mm

LBA 12 anti-vandal arm ø 140 mm				
Type	Maximum passing width	Arm Length	Total weight	Fixed support post or moving support is compulsory
LBA 12 - 00	-	-	215 kg	-
LBA 12 ≥ 800	8,00 m	8,00 m	231 kg	no
LBA 12 > 900	9,00 m	9,00 m	233 kg	no
LBA 12 > 1000	10,00 m	10,00 m	235 kg	yes
LBA 12 > 1100	11,00 m	11,00 m	237 kg	yes
LBA 12 > 1200	12,00 m	12,00 m	239 kg	yes

Optional equipment:

- PVC sealed template frame + 4 bars ø 20 X 400 mm.
- Fixed support in 80 X 80 X 1200 mm.
- Ajustable moving support from 900 to 1000 mm.
- Articulated rigid aluminium skirt ø 20 mm of 9 m on stainless steel screws and junction (Nylon P6).
- Polyester paint, special color (RAL to be defined).
- Standard Signage : ø 450, 650.
- "High luminosity" LED flashing light, 12 V, ø 180 mm on aluminium pole
- Motion detector on a magnetic loop, infrared cell etc.
- Local control equipment : fire brigade access control, push button box
- Specific controls : tunnels, highways, SAS, etc.
- Rotating axis.

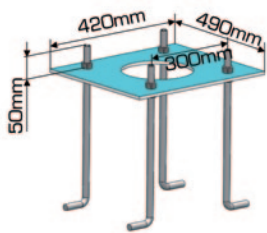
- MCBF** : 3 000 000 of cycles
(Number of average cycle without failure)
- MTBF** : 15 000 h
(Average function time without failure)
- MTTR** : 60 mn.
(Average repairing time)
- Protection** : IP 54
(Indication of protection)



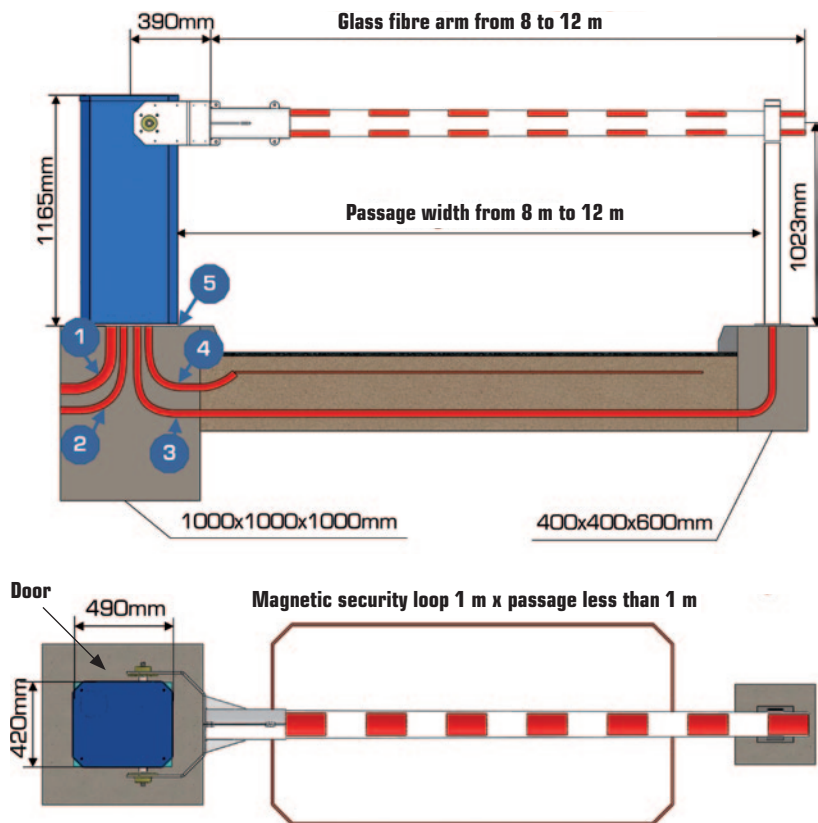
INSTALLATION

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
 - 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 20 X 400mm



The template has to be levelled and must completely rest on the concrete foundation. Distance between each embedded shafts : 300 X 300 mm



WORK TO BE CONDUCTED BY THE INSTALLER :

- Concrete foundation with sealing template frame and 4 shafts ø 20 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.