



LA BARRIERE AUTOMATIQUE

F A B R I C A N T

4 to 8 m

LBA 12HP

REINFORCED
PROTECTION

ARM WITH FULL HEIGHT SKIRTS

From 4 to 6 m – “high security skirt, until 2 m”

- 5 000 cycles / day
- Variable speed, programmable from 8 to 12 sec.
 - Three-phase motor, power supply 230 V
- Physical obstacle for vehicles and pedestrians
 - Protected by galvanization



Specifications

Technical feature

Housing and door	Steel sheet 4 mm protected by galvanization with blue RAL 5015 paint, door equipped with lock « Ronis 405 ».
Top cover:	Steel sheet 3 mm protected by galvanization, with white RAL 9010 paint.
Paint:	Polyester powder baked at 250°, housing RAL 5015, cover RAL 9010.
Arm:	Rectangular profile in lacquered white aluminium of 175 x 75 mm, 2 mm thick with reflecting bands class I or II.
Rigid skirt :	Rigid aluminium skirt in white RAL 9010 with 30 x 20 mm frame and bars of ø 20 mm.
Folding skirt :	Aluminium folding skirt with bars of ø 20 mm in red (RAL 3020) and white (RAL 9010), height 780 mm.
Half shell:	Galvanized steel of 8 mm reinforced for reinforced aluminium arm 175 x 75.
Counterbalance:	Compression spring ≤ 3600kg + 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 motor 230V (Δ) driven by a frequency converter in mono-phase 230 V . Double wheel converter and worm screw, lubricated for life.

Arm m	Speed trs/mm	Variator proportion	Operation time	
			minimum opening	maximum opening
4,00 m	1410	800	from 8 to 10 sec	from 8 to 10 sec
5,00 m	1410	900	from 10 to 12 sec	from 10 to 12 sec
6,00 m	1410	900	from 10 to 12 sec	from 10 to 12 sec

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 12HP - ARM WITH FULL HEIGHT SKIRT from 4 to 6 m

LBA 12HP

LBA 12HP - high resistance arm with full height skirt

Type	Maximum passing width	Arm Length	Total weight	Fixed support post or moving support is compulsory
LBA 12HP - 00	-	-	120 kg	-
LBA 12HP - 400	4,00 m	4,00 m	156 kg	yes
LBA 12HP - 450	4,50 m	4,50 m	160,5 kg	yes
LBA 12HP - 500	5,00 m	5,00 m	165 kg	yes
LBA 12HP - 550	5,50 m	5,50 m	169,5 kg	yes
LBA 12HP - 600	6,00 m	6,00 m	174 kg	yes

MCBF : 2 000 000 of cycles

(Number of average cycle without failure)

MTBF : 15 000 h

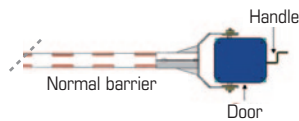
(Average function time without failure)

MTTR : 60 mn.

(Average repairing time)

Protection : IP 54

(Indication of protection)



Optional equipment:

Support post of 80 x 80 with or without suction.

PVC sealed template frame +4 bars 20 X 300 mm.

Rotative template anti-shock in stainless steel.

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

LED flashing light, Ø 80 mm mounted in the arm.

Magnetic security loop, motion detector etc.

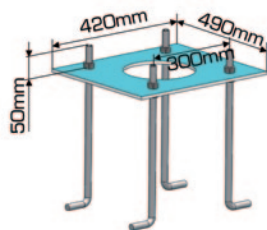
Local control equipment : fire brigade access control, push button box, etc.

Specific unit on command.

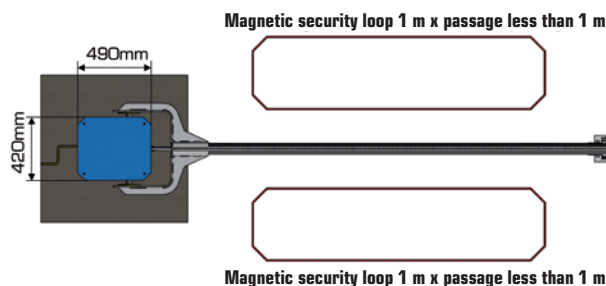
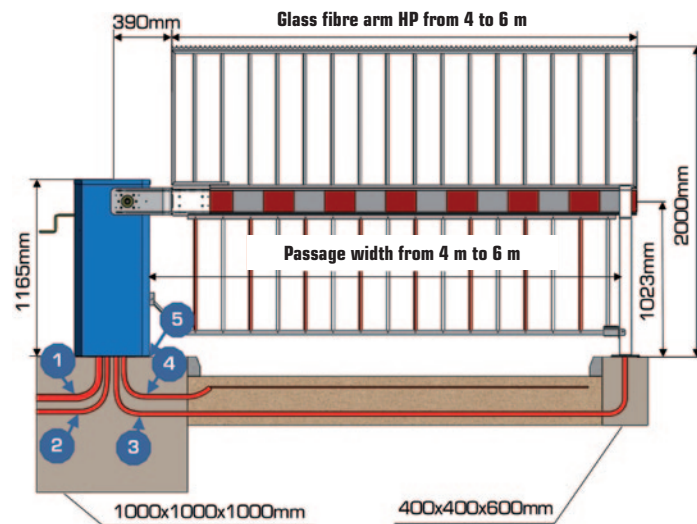
INSTALLATION

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.