



REINFORCED
PROTECTION >>

LBA 86HP

ARM WITH FULL HEIGHT SKIRT

From 2 to 4 m – “High protection skirt, height until 2 m”

- 5 000 cycles / day
- Variable speed, programmable from 4 to 9 sec.
 - Three-phase motor, power supply 230 V
 - Adjustable rate of acceleration and braking
 - “Anti-shock” rotation feature
- Physical obstacle for vehicules and pedestrians
 - Protected with cataphoresis



Specifications	Technical feature
Housing and 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 paint RAL 9010.
Paint:	Polyester powder baked at 250°, housing RAL 5015, top cover RAL 9010.
Arm:	High resistant aluminium, rectangular profiled arm, lacquered white (RAL 9010) 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 + RAL 9010 paint for the aluminium arm 175 x 75 mm.
Counterbalance:	Compression spring from < 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 - 230V (Δ) with brake driven by a frequency converter Double wheel converter and worm screw, lubricated for life.

Arm m	Drive KW	Speed trs/mm	Variator proportion	Operation time	
				50 Hz	mini/maxi
≤ 3,00 m	0,55	1410	640 / 1	8,0 / 8,0	4,0 / 9,0
3,50 m	0,55	1410	640 / 1	8,0 / 6,0	4,0 / 9,0
4,00 m	0,55	1410	640 / 1	8,0 / 8,0	4,0 / 9,0

Standard equipment:	Barrier Housing with geared motor, counterbalance and a half shell of arm support. Isolating switch, frequency converter, control unit or PLC. Inductive sensors without contact for the arm adjustments. Anti-condensation thermostatic heating 230 V – 32 W. A set of keys for the maintenance door. Installation, connection, implementation and maintenance manuals. Reinforced aluminium arm 175 x 75 classe I Rigid skirt on the top and folding skirt on the bottom part of the arm + “wolf-tooth” gear.
Optional equipment:	Safety magnetic loop - infrared cell – adapted logics – signage etc. LED flashing lights integrated in the arm on both sides

LBA 86 HP - ARM WITH FULL HEIGHT SKIRT

from 2 to 4 m

LBA 86 HP high resistance arm with full height skirt

Type	Maximum passing width	Arm Length	Total weight	Fixed support post or moving support is compulsory
LBA 86 HP - 00	-	-	120 kg	yes
LBA 86 HP - 200	2,00 m	2,00 m	132,5 kg	yes
LBA 86 HP - 300	3,00 m	3,00 m	135 kg	yes
LBA 86 HP - 350	3,50 m	3,50 m	137,5 kg	yes
LBA 86 HP - 400	4,00 m	4,00 m	140 kg	yes

Optional equipment:

Fixed support post tube of 80 x 80 x 1200 mm with or without suction.

PVC sealed template frame +4 bars 16 X 250 mm.
"Anti-shock" rotative sealed template frame in stainless steel.

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

LED light \varnothing 80 mm mounted in the arm.

Magnetic security loop, motion detector...

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

Specific unit on command.

MCBF : 3 000 000 of cycles

(Number of average cycle without failure)

MTBF : 15 000 h

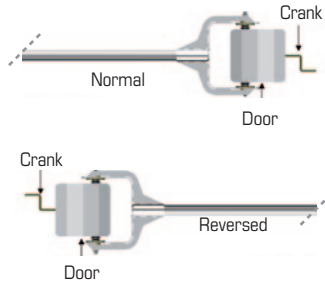
(Average function time without failure)

MTRR : 30 mn.

(Average repairing time)

Protection : IP 54

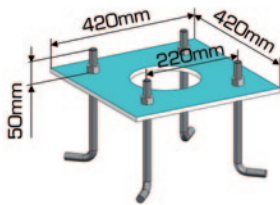
(Indication of protection)



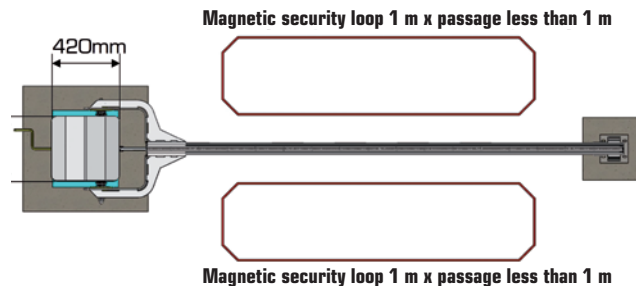
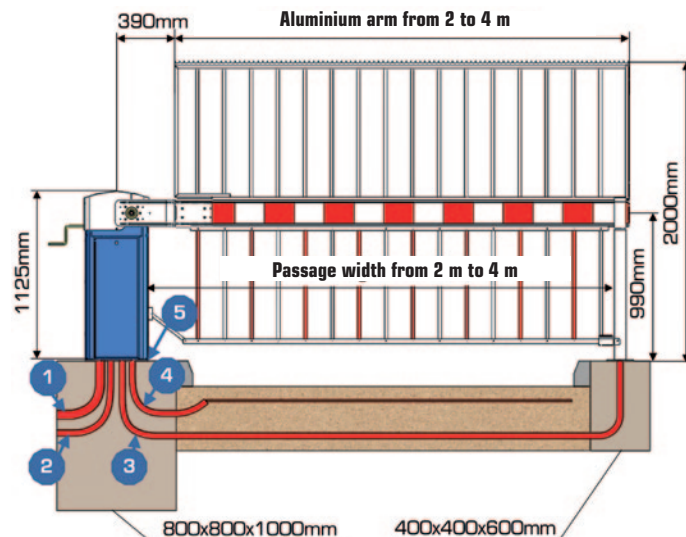
INSTALLATION

Conducts and cables:

- Power supply:**
 - Tube \varnothing 63 mm
 - U 1000 RO 2V 3 x 2.5 mm²
- Remote control:**
 - Green tube \varnothing 40 mm
 - 5 pairs 9/10 telephone cable
- Link with support:**
 - Tube \varnothing 30 mm
 - Infrared cell, suction magnetic, etc
- Magnetic loop tail:**
 - Tube \varnothing 30 mm
 - Cabled loop tail
- Sealing template frame:**
 - 10 mm PVC base frame
 - 4 anchoring bars \varnothing 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 \varnothing 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.