



## Product Data Sheet

# VEHICLE BARRIER WITH REINFORCED PROTECTION

PS-VBLB-86HP

The PS-VBLB-86HP provide reinforced protection with a specially designed arm with full height skirt to height of 2000mm. Capable to 5000 cycles per day and up to 4000mm in width the PS-VBLB-86HP has the standard Anti Shock rotation features while still being protected with cataphoretic coating for corrosion resistance.

## TECHNICAL SPECIFICATIONS

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 + 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 motor 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 (sec) 50 Hz mini/maxi	
	≤ 3,00 m	0,55	1410	640 / 1	8,0	4,0 / 9,0
	3,50 m	0,55	1410	640 / 1	8,0	4,0 / 9,0
4,00 m	0,55	1410	640 / 1	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 Rigid skirt on the top and folding skirt on the bottom part of the arm + “wolf-tooth” gear.					

## PS-VBLB-86HP HIGH RESISTANCE ARM WITH FULL HEIGHT SKIRT from 2 to 4 m

Type	Maximum passing width	Arm Length	Total weight	Fixed support post or moving support is compulsory
PS-VBLB-86HP - 00	-	-	175 kg	yes
PS-VBLB-86HP - 200	2,00 m	2,00 m	187,5 kg	yes
PS-VBLB-86HP - 300	3,00 m	3,00 m	200 kg	yes
PS-VBLB-86HP - 350	3,50 m	3,50 m	225 kg	yes
PS-VBLB-86HP - 400	4,00 m	4,00 m	250 kg	yes

## OPTIONAL EQUIPMENTS

- 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 mounted in the arm.
- Magnetic security loop, motion detector...
- Local control equipment : fire brigade access control, push button box, etc.
- Specific unit on command.
- Safety magnetic loop - infrared cell – adapted logics – signage - LED flashing lights integrated in the arm on both sides etc.

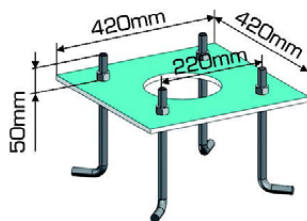
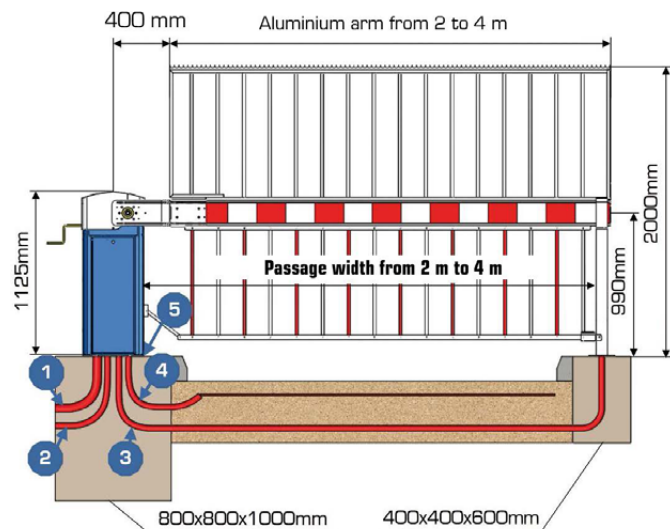
Mean cycles before failure	3 000 000 cycles
Mean time between failures	15,000 hours
Mean time to Repair	30 minutes
Protection	IP54

Reinforced protection with a specially designed arm.

## INSTALLATION

### Conducts and cables :

- 1. Power Supply:**
  - Tube Ø 63 mm.
  - U 1000 RO 2V 3 x 2.5 mm<sup>2</sup>
- 2. Remote control:**
  - Green tube Ø 40 mm.
  - 5 pairs 9/10 telephone cable.
- 3. Link with support:**
  - Tube Ø 30 mm.
  - Infrared cell, suction magnetic, etc.
- 4. Magnetic loop tail:**
  - Tube Ø 30 mm.
  - Cabled loop tail.
- 5. 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.

