



## Product Data Sheet

# Industrial Vehicle Barrier PS-VBLB-10

Public And Residential Industrial Lane Closing

The PS-VBLB-10 Industrial Barrier is fitted with a high resistance 140mm diameter glass fibre arm capable to span up to 10m in width. The PS-VBLB-10 is capable of up to 10000 cycles per day while being resistant to wind gusts of 160 km/h. Protected with cataphoretic coating to provide maximum protection to external elements

Specifications	Technical features
<b>Housing and maintenance door:</b>	Steel sheet 3 mm protected with cataphoresis, blue paint RAL 5015, door equipped with a Ronis 405 lock.
<b>Top cover:</b>	Steel sheet 2 mm protected with cataphoresis, white RAL 9010.
<b>Paint:</b>	Polyester powder baked at 250°, housing RAL 5015, top cover RAL 9010.
<b>Arm from 4 to 10:</b>	Reinforced glass fibre and polyester arm $\varnothing$ 140 mm with reflecting bands (class I or class II).
<b>Half shell:</b>	Galvanized steel of 8 mm for truncated tube in reinforced glass fibre of $\varnothing$ 140 mm.
<b>Counterbalance:</b>	Compression spring from + bar, chain and sprocket (replaces the counterweight).
<b>Emergency operation:</b>	Manual operation by 11 turns of the handle and an anti-restarting lock.
<b>Geared motor:</b>	Three-phase 0,55 kw motor driven by a frequency converter powered by a single-phase 230V.

Arm m	Oval mm	Drive KW	Voltage A / 230V	Speed tra / mm	Variator proportion	Operation time (sec)	
						50 Hz	mini/maxi
≤ 4 m	140	0.55	2.9	1410	322 / 1	3.0	2.0 / 4.0
4 to 6 m	140	0.55	2.9	1410	460 / 1	6.0	4.0 / 8.0
6 to 10 m	140	0.55	2.9	1410	640 / 1	8.0	6.0 / 9.0

<b>Geared motor:</b>	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 $\varnothing$ 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.
<b>Optional equipments:</b>	Safety magnetic loop or free exit - infrared cell – adapted logics – signage etc.

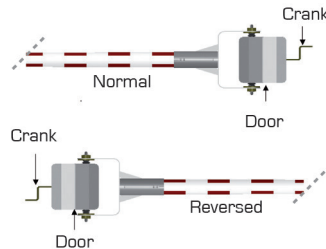
# PS-VBLB-10 - reinforced glass fibre arm

from 4 to 10 m – ø 140 mm

### PS 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
PS 10 - 00	-	-	175 kg	-
PS 10 > 400	4,00 m	4,00 m	183 kg	no
PS 10 > 500	5,00 m	5,00 m	185 kg	no
PS 10 > 600	6,00 m	6,00 m	187 kg	yes
PS 10 > 700	7,00 m	7,00 m	189 kg	yes
PS 10 > 800	8,00 m	8,00 m	191 kg	yes
PS 10 > 900	9,00 m	9,00 m	193 kg	yes
PS 10 > 1000	10,00 m	10,00 m	195 kg	yes

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



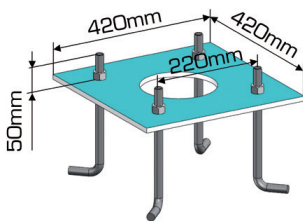
### Optional equipments:

- 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 800 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, automatic lifting arm < 7 m.

## INSTALLATION

### Conducts and cables:

- Power supply:**
  - Tube ø 63 mm.
  - U 1000 RO 2V 3 x 2.5 mm<sup>2</sup>.
- 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.

