

## TOLL PARKING BARRIER

Tested and recognized barrier in the toll parking business

- 15 000 passages / days
- Open / close between 0.8 and 3 seconds
- Three-phase motor and 230 V mono power
- Reversing of the barrier possible in less than 15 mn
  - Straight or articulated arm, unhinging or ejector
  - Automatic re-opening undervoltage

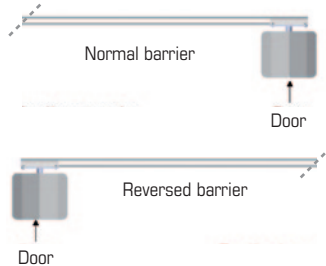


Specifications	Technical feature
<b>Housing and door :</b>	Sheet metal DKP, thickness 2 mm, protected with cataphoresis and painting RAL 5015 painting.
<b>Cover :</b>	Sheet metal DKP, thickness 2mm, protected with cataphoresis and RAL 9010 painting.
<b>Painting :</b>	Polyester powder baked at 250°, housing and door RAL 5015, cover RAL 9010.
<b>Arm :</b>	Oval aluminium arm 84 mm x 57 mm, with reflective strips, option for articulated, unhinging or ejector arm.
<b>Gearmotor :</b>	Three-phase gearmotor 230 V, 0.25 KW reversible.
<b>Standard Equipment :</b>	<p>Body barrier with reversible gearmotor, compensator and arm clip.</p> <p>Frequency variator powered in 230 V single-phase, in 0.25 KW driving the acceleration and deceleration ramps, enabling to regulate the opening and closing speeds.</p> <p>Logic control PLC enabling the inductive sensors operations.</p> <p>Inductive sensors operations.</p> <p>Hold –opened or closed by current injection.</p> <p>Control push button on the PLC front.</p> <p>Information report on terminal :</p> <ul style="list-style-type: none"> <li>- Information report presence detector, if loop.</li> <li>- Information report security detector, if loop.</li> <li>- Information report on " open " barrier terminal</li> <li>- Information report on " close " barrier terminal</li> <li>- Information report on fault synthesis</li> </ul>
<b>Optional equipment :</b>	<p>Articulated arm, with unhinging and ejector device.</p> <p>Controlled front unhinging removing all risk for pedestrians.</p> <p>Back unhinging avoiding the material deterioration in case of impact.</p> <p>Automatical hinging available with the front unhinging allowing the arm replacement following an impact without intervention.</p> <p>Automatic lift arm in case of power failure.</p> <p>Specific color for the drum, door and cover.</p> <p>Security, presence, large opening, IR cell, magnetic loop,....</p>

## LBA 63 PK STANDARD Oval Arm

Typ	Passage width	Arm length	Total weight
LBA 63 PK - 00	—	—	50 kg
LBA 63 PK >200	1,70 m	2,00 m	52
LBA 63 PK >300	2,70 m	3,00 m	54
LBA 63 PK >350	3,00 m	3,30 m	56

- MCBF :** 5 000 000 cycles  
(Average cycles number without failure)
- MTBF :** 15 000 hours  
(Average time of operation without failure)
- MTTR :** 15 mn.  
(Average reparation time)
- Protection :** IP 54



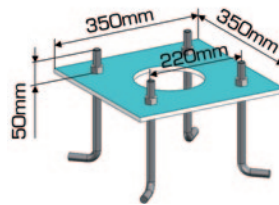
## Optional equipment :

- Sealing PVC calibre + 4 fixation rods 16 x 250 mm + 8 bolts.
- 3 m long carbon arm with anti-impact foam and sock protection Ø 85 mm, equipped with reflective strips
- Magnetic loop detector two channels
- Arm altar with rubber shock absorber
- Arm altar with magnetic plunger
- Pendulum crutch
- Red / Green light set, directly assembled on the barrier.
- Broken arm and open door detection...
- Gearmotor brake driving the arm break during a forced passage.

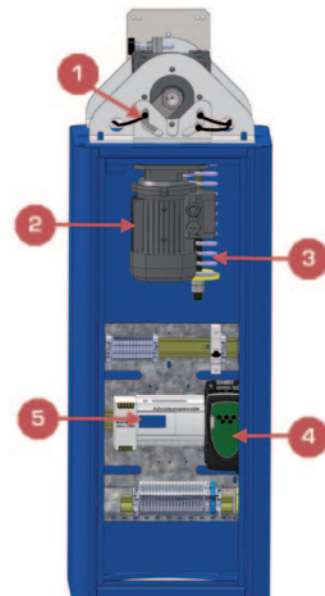
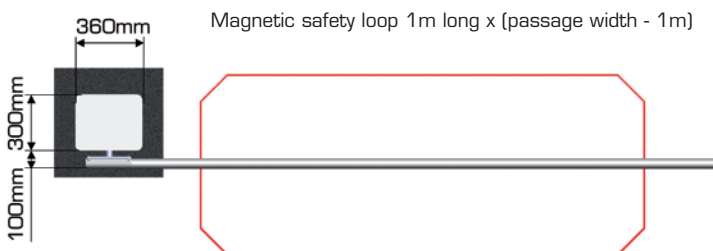
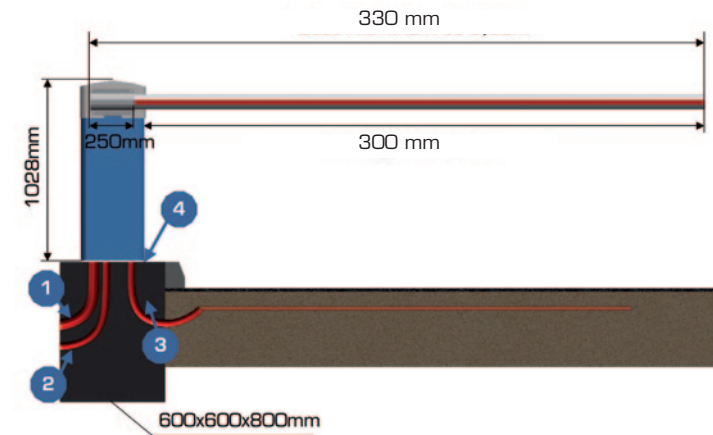
## INSTALLATION

### Conducts and cables :

- Power :**
  - Tube Ø 63 mm
  - Cable U 1000 RO 2V 3 x 2.5 mm<sup>2</sup>
- Remote control :**
  - Tube Ø 40 mm
  - Low power cable Type SYT 3 pairs 9/10ème
- Magnetic loop tail**
- Sealing template frame :**
  - PVC calibre 10 mm



The caliber remain in place and level should be based entirely on solid concrete. Pitch rod seal 220 x 220 mm.



- 1 Reversible gear motor group granting a free maintenance
- 2 End of stroke position without contact wearfree guaranteed
- 3 Compensation spring working in compression ensures a large cycle number and a complete reopening of undervoltage
- 4 Frequency variator
- 5 PLC ensuring adaptability to client needs over time