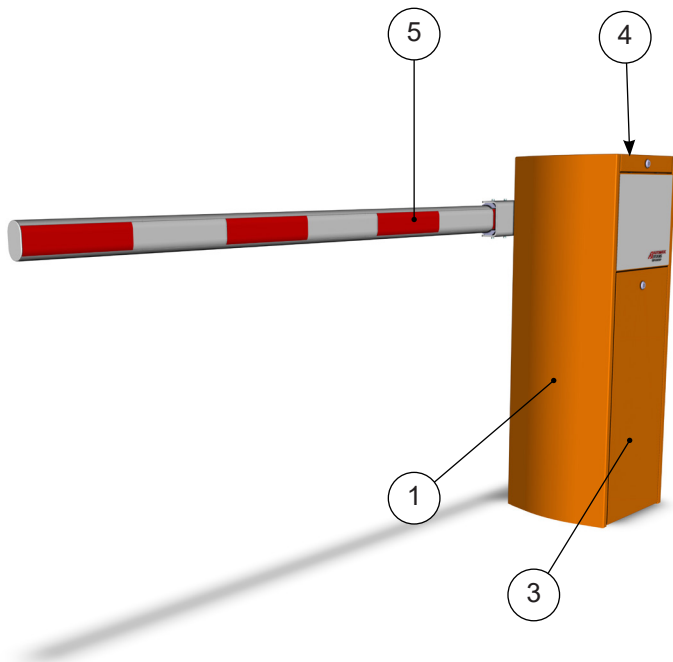
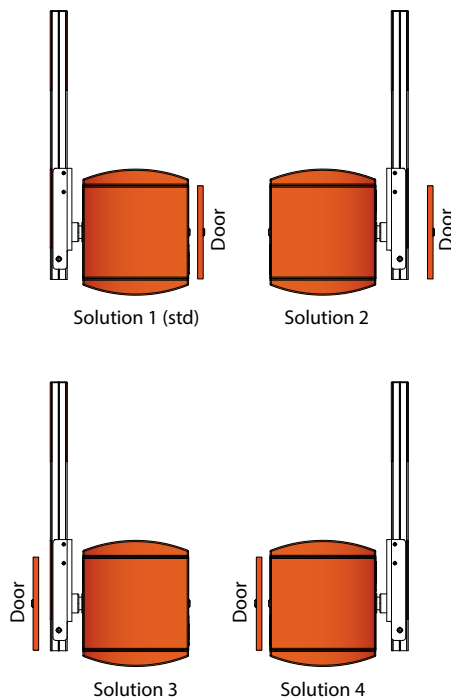


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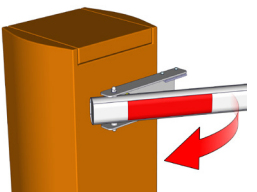
The BL 229 Toll barriers are designed for highway toll booths and meet numerous requirements in terms of performance, reliability, robustness, adaptability and reduced maintenance..

CONVENTIONS



DESCRIPTION

- Housing made of folded and welded sheet steel, from 2 to 6 mm thick, protected by cataphoresis and two coats of structured paint (*standard color: orange RAL2000*).
- Internal mechanical elements treated by electrogalvanisation.
- Side door giving access to the mechanism, with security lock.
- Removable cover, locked by key.
- Aluminium tube boom arm, varnished white with red reflecting stripes and end-sealing.
- Boom arm swing-off, avoiding damage to the barrier in case of impact on the boom arm.
- Arm shaft mounted on two life-lubricated ball bearings. The protrusion of the shaft, centred on the housing side, allows it to be easily reversed from one side of the housing to the other: arm on the left or on the right of the framework housing.
- Arm balancing by springs.
- Electro-mechanical assembly including:
 - An asynchronous three-phase geared motor.
 - Movement transmission by crankshaft-rod device insuring mechanical locking of the boom arm in end positions.
 - Automatic barrier unlocking device in case of power failure, opening then being possible by hand.
 - Frequency converter ensuring progressive accelerations and controlled decelerations, for a vibration-free movement and enhanced protection of the mechanism.
 - Limit switches activated by leaf spring.
- Lever for manual unlocking (*if not automatic mode set up*).
- Control board enabling various additional commands and/or accessory options
- Adjustable information contacts:
 - State of the barrier's position (*open or closed*),
 - State of the presence detectors,
 - Command for master-slave barriers (*movement of one barrier controlled by the other barrier*),
 - ...
- Cadre de fixation de la barrière à noyer dans un socle en béton réalisé par le client.



for Indonesia Inquiry :