

## Barrier Technical Specification

### Barrier ;

| Technical Specifications     | DİNAMİX 4000 | DİNAMİX 5000 |
|------------------------------|--------------|--------------|
| Power Supply (VAC 50Hz )     | 230          | 230          |
| Motor Power Supply (Vac/Vdc) | 24           | 24           |
| Motor Power (W)              | 190          | 190          |
| Opening Time (sn)            | 3.5-4        | 3.5-5        |
| Bar (m)                      | 4.25         | 5.25         |

### Barrier ;

1. The barrier must be suitable for the passage of all kinds of terrestrial vehicles. When the barrier arm is opened, it should be perpendicular to the ground.
2. There should be reflective labels on the arm of the barrier. The barrier arm is white in color and must have a red warning wick above and below.
3. On the outer upper cover of the barrier; There should be a flasher system that flashes with the help of the led system installed on the barrier body from the inside.
4. A programmable microprocessor should be used in the control unit within the barrier.
5. The engine mechanics with the processor should be controlled with the help of the electric motor, the jam function should be protected by the current control circuit on the card, the motor and the card. The card should also be protected against overcurrents with glass fuse.
6. In the closing direction, there should be compression sensitivity and the barrier should stop working at the moment of jamming and then continue its movement in the direction of opening.
7. In the direction of opening, there should be compression sensitivity and the barrier arm should stop working at the moment of jamming.
8. It must be operated with transformer.
9. The barrier body must be equipped for manual intervention against power cuts. In addition, it should continue working with the battery charge card as an option against power cuts.
10. Must have a card system suitable for operating 2 synchronized barriers.
11. The system should have slowing down against hard bumps at opening and closing.
12. Speed control should be provided.
13. While the barrier is operating, flashing warning lamp should be used.
14. The control card should support connecting the Red-Green traffic light.
15. The barrier must have an automatic closing function after opening and this function can be activated or deactivated optionally. Automatic closing time 5 sec. with 90 sec. between the control card should be adjusted as analog.
16. Sensors that will be used for security purposes in barrier movements should be connected. These sensors should be able to be used for opening and closing. With the help of adjustable functions, if the object passes while the barrier is closing, the barrier should move in the direction of opening. The barrier should close automatically again after the object passes in this direction. If the object passes while the barrier is opening with the help of adjustable functions, the door should stop, and when the object comes out, it should continue its movement in the direction of opening the barrier.
17. The internal or external remote control receiver must adapt to the system.
18. The Open and Close dry contacts on the barrier control card should be designed in accordance with the smart card system, card pass system (KGS) and automatic pass system (OGS).
19. Motor and Switch direction should be changed on electronic card at the same time.
20. The barrier case is RAL code 2004 (orange) and it should be galvanized with electrostatic powder length, the top cover should be hard plastic against breaks in White color.
21. Barrier reducer materials should consist of stainless steel.
22. The barrier control card and transformer should be at an easily accessible level when the barrier top cover is opened, the reducer must be mounted between the body and the top cover.