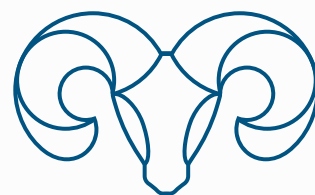


# DBK

Automatic barrier



**ALPHATRONICS**

innovators in access technology

# DBK-BARRIER

## DURABLE, RELIABLE, AND QUALITATIVE!

The DBK boom barrier is designed for access control of parking lots, commercial, and industrial sites.

Thanks to the electronic speed control and precisely matched mechanics, maximum operational reliability is ensured.

The efficient drive concept, combined with robust components and durable design, allows for intensive use with a duty cycle of 100%.

Installing a boom barrier enhances the accessibility of your operations.

Vehicles can enter and exit quickly, easily, and under control.

### CONCISE SPECIFICATIONS

- Clearance width ranging from 2.5 to 5 meters for flexible access control.
- Made of durable aluminium with an IP54 rating and standard RAL7016 color (anthracite), for a stylish timeless appearance.
- Suitable for intensive use with minimal maintenance, saving you time and costs.

### SMOOTH AND QUIET OPERATION

- Quiet and precise motion achieved through dynamic speed control, adjustable to your preference (fast - standard - slow).
- The aluminium barrier boom has a pre-mounted rubber strip for extra protection and safety.

### ADVANCED CONTROL

- Local configuration, directly on the existing controller.
- Featured a controller with three integrated 1-channel loop sensors and a display for ease of use.
- There are 6 freely programmable multi-function relays for maximum flexibility in your access management.

### IOT

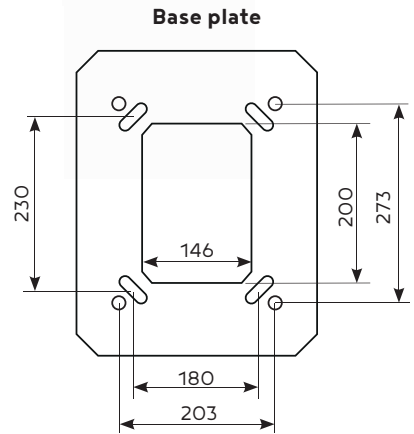
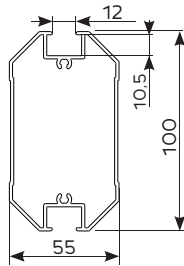
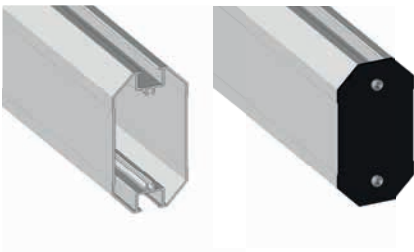
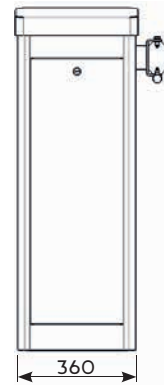
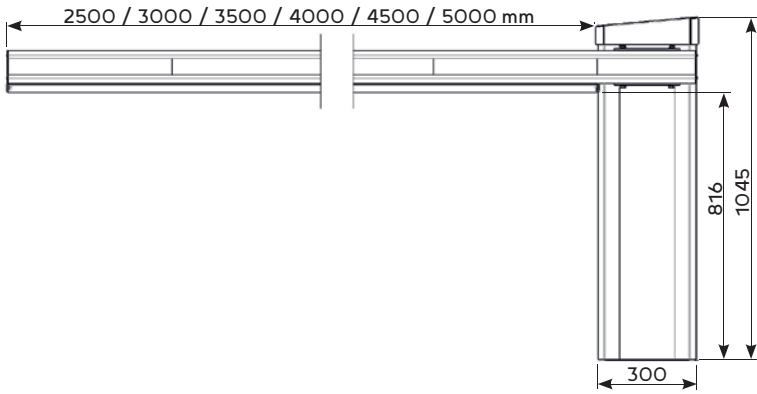
Our devices are monitored online using our Cloud platform **Aliot**. There, we collect data on performance and identify potential problems. **AI-based maintenance** is essential to minimise unplanned downtime.

- Opt for an optional extension with REST API and/or cloud connection via ALIOT for seamless integration into your existing systems.



Technical data						
	DBK-025	DBK-030	DBK-035	DBK-040	DBK-045	DBK-050
<b>Housing dimensions (W x D x H)</b>	360 x 300 x 1.045 mm					
<b>Barrier boom length</b>	2,8 m	3,3 m	3,8 m	4,3 m	4,8 m	5,3 m
<b>Effective boom length approx</b>	2,5 m	3,0 m	3,5 m	4,0 m	4,5 m	5,0 m
<b>Running time approx</b>	0,9 / 1,3 / 2,5s	1,3 / 1,8 / 2,5s	1,8 / 2,5 / 3,8s	2,8 / 3,8 / 4,5s	3,8 / 4,5 / 5,5s	3,8 / 4,5 / 5,5s
<b>Duty cycle</b>	100%					
<b>Temperature range in operation</b>	-20°C tot +50°C					
<b>Degree of protection</b>	IP54					
<b>Supply voltage</b>	110V - 240V, 50Hz - 60Hz					
<b>Current consumption</b>	max. 1.4A (230Vac) / max. 2.8A (115Vac)					
<b>Weight without boom approx</b>	55 kg	56 kg	56 kg	57 kg	58 kg	58 kg
<b>Barrier boom weight approx</b>	3,8 kg	4,5 kg	5,0 kg	5,8 kg	7,6 kg	10,0 kg
<b>Warranty</b>	2 years					
Industrial devices						
<b>Standard colours</b>	RAL 7016, Custom RAL on request					
<b>Boom connector</b>	Left / right (right as standard)					
<b>Barrier boom dimensions H x W</b>	100 x 55 mm					
<b>Controller</b>	Controller with 4x7-segment-display					
<b>Terminal row</b>	Prewired					
<b>1-channel loop detector</b>	3 integrated					
<b>Multifunctional relay</b>	6 integrated					
<b>Electronic speed control</b>	Yes					
<b>Obstacle detection</b>	Yes					

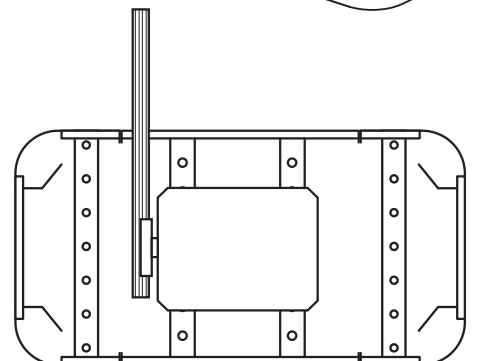
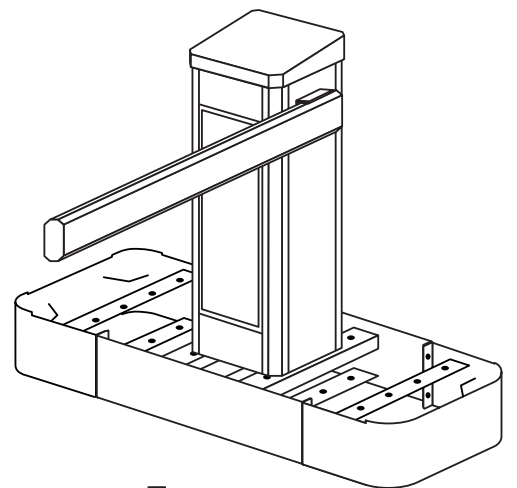
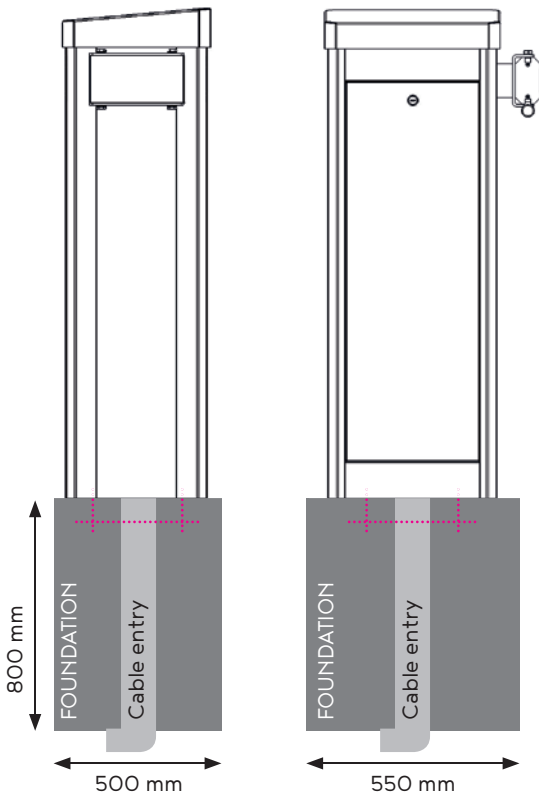
**Dimensions barrier**



**Side view**

**Front view**

**Mounting on a modular socle**



## OPTIONS & ACCESSOIRES

	DBK-025	DBK-030	DBK-035	DBK-040	DBK-045	DBK-050
<b>RGB Ledstrip signalization</b>	YES	YES	YES	YES	YES	YES
<b>Pendulum support*</b> Optional	NO	NO	NO	YES, obligatory	YES, obligatory	YES, obligatory
<b>Barrier boom support*</b>	YES	YES	YES	YES, obligatory	YES, obligatory	YES, obligatory
<b>Barrier boom support + electromagnet</b>	YES	YES	YES	YES	YES	YES
<b>Click-out system barrier boom</b>	YES	YES	YES	NO	NO	NO
<b>RGB Ledstrip at the top</b>	NO	NO	NO	YES	YES	YES
<b>+ Pendulum support</b>						
<b>Weekly timer / annual timer</b> Optional	YES	YES	YES	YES	YES	YES
<b>Custom colours</b> Optionally available in all RAL-colours (surcharge)	YES	YES	YES	YES	YES	YES
<b>Automatic opening</b> Optional in case of failure	YES	YES	YES	YES	YES	YES
<b>Radio receiver with remote control</b> Optional (connection available)	YES	YES	YES	YES	YES	YES
<b>TCP-IP module</b> Optional (connection available)	YES	YES	YES	YES	YES	YES
<b>Multifunctional relay</b> Optional module with: 4 additional multifunction relays (AMR4) / 8 additional multifunction relays (AMR8)	YES	YES	YES	YES	YES	YES

\*A pendulum support or barrier boom support is mandatory from 4 metres onwards

Article number	
<b>DBK-025</b>	1-010105-0001-000-716-00
<b>DBK-030</b>	1-010105-0002-000-716-00
<b>DBK-035</b>	1-010105-0003-000-716-00
<b>DBK-040</b>	1-010105-0004-000-716-00
<b>DBK-045</b>	1-010105-0005-000-716-00
<b>DBK-050</b>	1-010105-0006-000-716-00
<b>Pendulum support</b>	1-010100-0050-000-910-00
<b>Barrier boom support</b>	1-010100-0024-000-901-00

## TAILOR-MADE IN BELGIUM

Alphatronics is a **manufacturer** of customised perimeter security solutions with the flexibility to adapt security needs to a specific situation.

In-house development and production, modularly designed to integrate with other business processes. It is in our DNA to **innovate** and in doing so, we always deliver the highest quality.

## SOFTWARE INTEGRATION

We feature a **very accessible RESTfull API**. This enables the integration of Alphatronics-supplied hardware devices and a third-party software solution.

## INSTALLATION AND SERVICE

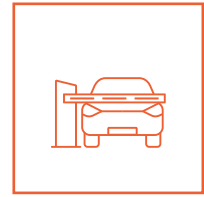
With more than **35 years of experience** in installation and service, we offer the expertise for perfect integration of your entire system.

A maintenance contract guarantees that the system will always be up and running.

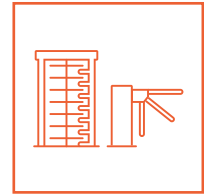
The helpdesk with professional and fast service is always ready for support.

## COUNT ON ALPHATRONICS FOR

- an extensive and innovative product range
- creative and sophisticated solutions
- technical and commercial support
- project strategy
- excellence in system integration



ACCESS FOR  
VEHICLES



ACCESS FOR  
PEDESTRIANS



OPERATING COLUMNS  
& PILLARS



APPLICATIONS

