

# Speedgates



## Speedgate B-park

Space-saving, cost-effective and proven effective

The Speedgate B-park combines the functionality of a barrier and speed gate into one compact solution. Efficient installation with only one set of cabling and a single foundation required. The integrated design reduces space requirements, and costs are minimized through shorter, simpler maintenance sessions.

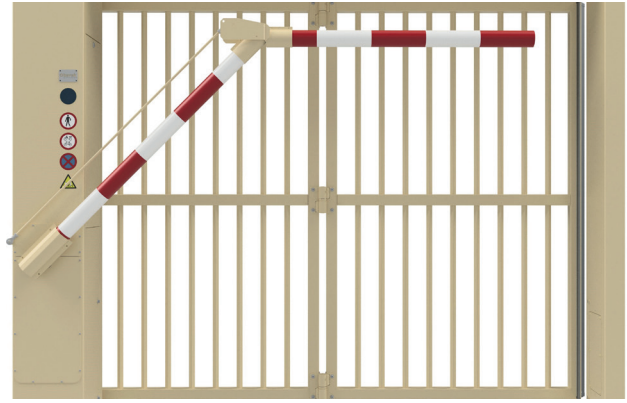
The Speedgate B-park is developed based on a proven concept, making it exceptionally strong and reliable. This system offers the perfect balance of durability, functionality, and design.

Whichever Speedgate you choose, Bavak guarantees quality. For over 30 years, Bavak has supplied and installed Speedgates worldwide in various models. This experience brings vast expertise in complete project management. Bavak can even handle all civil works, providing you with a single, reliable, and professional point of contact for the purchase, installation, and service of your Speedgate.

Bavak. Securing daily life

## Speedgate & Arm Barrier

The Bavak B-Park integrates foundation, cabling, traffic lights, and security, enabling quick installation, efficient space usage, and easy maintenance. This integrated approach reduces costs, optimizes space, and enhances security. During the day, the parking facility is easily accessible, while at night it can be fully secured for maximum safety.



## Reliable

When the barrier is out of operation, the Speedgate can easily be activated (and vice versa). This significantly increases operational reliability. Additionally, for both service and maintenance, you only need Bavak, making the process more efficient and ensuring operational continuity.



## Height Limiter Notification

The traditional red and white bar is a thing of the past thanks to our smart camera, which measures vehicle height. If a vehicle is too tall, the barrier or Speedgate remains closed, and the driver is clearly informed via an LED screen. The LED screen also allows for displaying other important messages. The result is an enhanced entrance without the risk of damage to the upper section of the Speedgate.



## Patent Pending

The patent application for this unique concept guarantees us exclusive rights for the next 20 years. This protection secures both the implementation and full integration. As with all our products and projects, our customers can rely on the highest quality and the expertise that defines Bavak.



# Technical Specifications Speedgate B-park

## Dimensions

- Maximum effective drive-through width: 3,000 mm
- Maximum effective drive-through height: 3,000 mm

## Construction

- Panel frame: 60 x 60 mm
- Panel infill: 25 x 25 mm tube (45°), spaced ± 150 mm
- Columns: 350 x 350 mm / 300 x 100 mm
- Drive box in 4 mm sheet steel, height: 180 mm
- Round tube Ø82.5 x 3.2 mm for 90° wing rotation

## Surface Treatment

- Sandblasted SA 2.5
- Zinc-sprayed min 50 µm
- Two-layer powder coating (duplex epoxy/polyester), each layer 60-80 µm

## Arm Barrier:

- Integrated into the Speedgate column
- Round aluminum boom arm (Ø80 mm) with red reflective strips

## Drive:

- Electromechanical with motor reducer, power: 0.75 kW
- Encoder for precise wing positioning and safe movement

## Control System:

- 2x integrated Feig controllers, independently operable
- Accessible via an inspection hatch
- Integrated safety components and loop amplifier(s)
- Control systems and terminals enclosed in waterproof control boxes, IP66

## Safety Requirements:

- 2 sets of photocells mounted in the column
- 4 safety edges, mounted vertically and horizontally on panels
- Closing/safety loops
- Safety provisions compliant with EN13241-1

## Options:

- Function switch between barrier and wing via a digital year clock
- Height detection via camera with "vehicle too high" message on LED display
- Additional photocells between fixed and movable parts for gaps < 500 mm
- Traffic light integrated into the Speedgate column
- Barrier arm with knuckle-arm mechanism



See for more information [www.bavak.com](http://www.bavak.com)

## Bavak Security Group

Zwarteweg 19, 2201 AA, Noordwijk  
info@bavak.com  
T: +31 71 403 55 44