

Speedgates



Bi-folding Speedgate B-Trackless USA

Versatile, efficient and innovative

The bi-folding Speedgate B-Trackless is developed for access control in those situations where it is not possible to use bottom or top guidance. The bi-folding gate has an unlimited clearance height and is very suitable for locations with heavy freight traffic such as distribution centers.

The construction of the bi-folding Speedgate B-Trackless is strong, aesthetically well designed and thoroughly developed. The speedgate is compliant with UL 325.

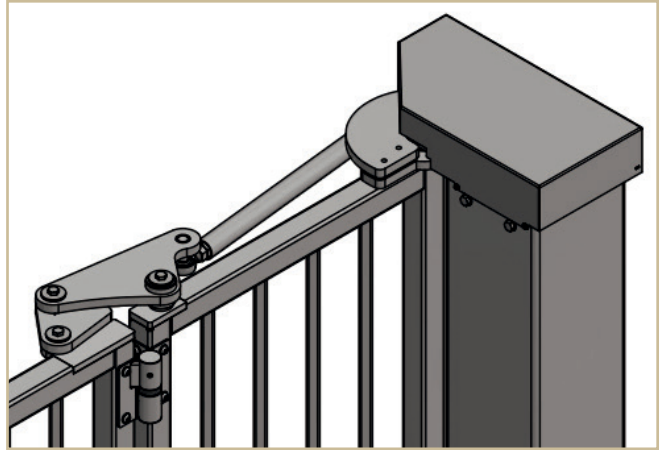
The bi-folding gate B-Trackless features an innovative gate panel position in the form of an electronic encoder which replaces the common end switches. This more accurate and maintenance free device has a positive impact on the maintenance costs.

Whichever speedgate you choose, at Bavak you are assured of quality. For more than 30 years, Bavak has been delivering and installing worldwide speedgates in many different variations. This experience provides us with an enormous expertise in the field of total project guidance. Bavak can even take care of the entire civil works. This gives you only one reliable and professional point of contact for the purchase and installation of your speedgate.

Bavak. Securing daily life

Drive Mechanism

The drive mechanism is equipped with a unique tie rod. The construction is very robust, allowing the bi-folding gate to open and close smoothly. Despite this robust construction, the speedgate remains clean and sleek in design.



LED Lights

The bi-folding Speedgate B-Trackless can be provided with integrated LED traffic lights. When the gate is closed the lights turn red. When the gate opens the LED lights flashes red and when the gate is fully open, the lights turn green. If the speedgate is in 'rest', it is possible to display any color.

Safety edges

All Bavak bi-folding Speedgates are designed to combine effective perimeter security with safe operation. An electromechanical drive automatically stops the gate when an obstacle is detected. Rubber safety edges between the folding wings and the gate structure provide additional protection during movement. Together, these features help reduce the risk of injury and support safe, controlled vehicle access. the safety of everyone who uses them.



Safety edges

The panels of the Speedgate can be equipped with various infills such as glass, perforated cladding, wood, expanded metal, slats or strip steel. Bavak has many years of experience in the design, construction and maintenance of complete custom-made Speedgates. If you have any special wishes regarding the infill, please do not hesitate to contact us. Together with you we can create the best and most suitable solution.

Technical Specification bi-folding Speedgate B-Trackless

Dimensions

Clear opening between columns:

- Width: 10' - 28' (3,048 - 8,534 mm)
- Height: 8' - 10' (2,438 - 3,048 mm)

Construction

- Panels made of SHS 2.5" x 2.5" x 3/16" (63.5 x 63.5 x 4.8 mm)
- Columns made of SHS 14" x 14" x 5/16" (355.6 x 355.6 x 7.9 mm)
- Panel infill of SHS 1" x 1" x 0.049" (25.4 x 25.4 x 1.24 mm)

Surface treatment

- 1 layer of metal spraying
- 2 layers of powder coating in RAL color, each layer 60 - 80µm

Drive

- Electric drive: SEW gear motor 0.33Hp or 0.5Hp with 24V dc brake and 230V strip heater

Control unit

- External, delivered in steel sheet cabinet (wall mounted)
- 2 Feig FU3F-DUGH UL 325 controllers (primary & secondary), built together in external enclosure
- Bavak controller is standard equipped for 2 loops and expandable to 4 detection loops
- Control and wiring terminal strip is finished in a waterproof junction box, IP66



Locking of gate panels

- Electro mechanical motor brake

Safety measures

- 2 sets photocells mounted in the column
- 12 safety edges, vertical and horizontal mounted on the panels
- Absolute motor encoder
- Compliant with the safety regulations UL 325
- Detection loops are to be provided by third party

Options

- Extra photocells between the static and movable parts at distances 16" (400 mm)
- Traffic lights integrated in the columns
- LED strips integrated in the wings of the gate
- Additional options available upon request



For more information, please visit www.bavak.com

Bavak Security Group

info@bavakusa.com
Tel +31 71 403 55 44

