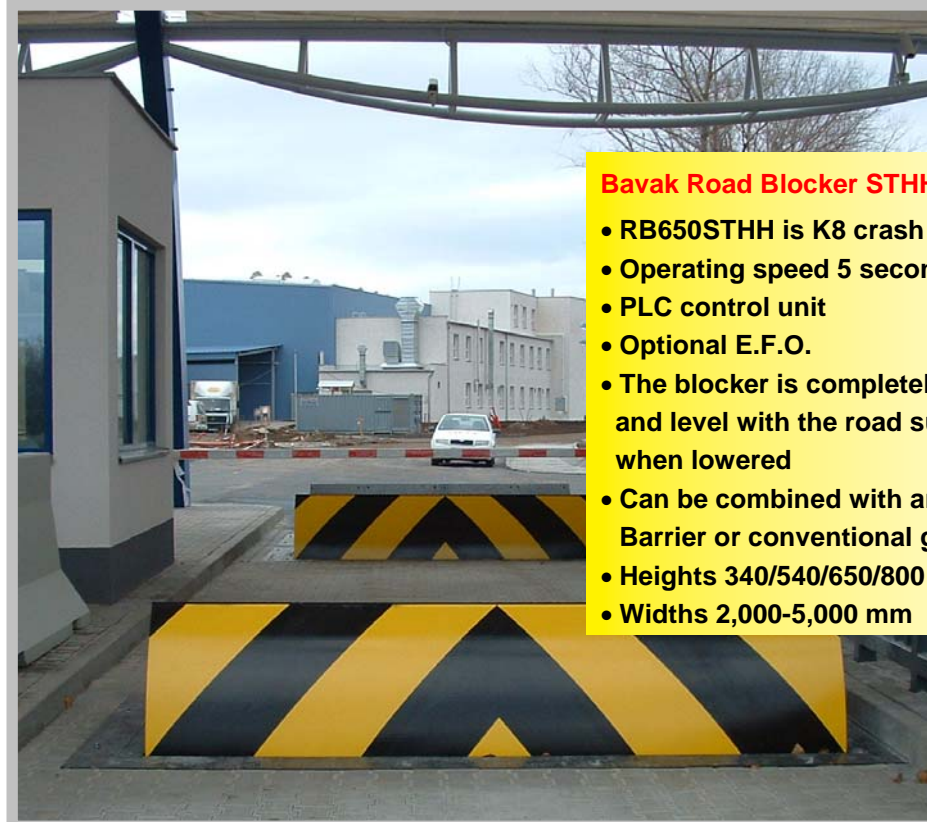


Bavak Road Blockers STHH® are all built according to international crash ratings. The Bavak Road Blocker RB650STHH-3000 has achieved the D.O.S. K8 crash rating. It is very robust, safe and is very ideal for high-security areas such as airports, banks, cash centres, embassies, customs, military areas, etc.

Bavak Road Blocker STHH®



Bavak Road Blocker STHH®

- RB650STHH is K8 crash rated
- Operating speed 5 seconds
- PLC control unit
- Optional E.F.O.
- The blocker is completely flat and level with the road surface when lowered
- Can be combined with an Arm Barrier or conventional gate
- Heights 340/540/650/800 mm
- Widths 2,000-5,000 mm

The Bavak Security Group has 25 years of experience in Road Blocking technology.

The Bavak Road Blocker® is available in various standard heights and widths and can be installed flush-mounted in the road surface.

The Bavak Road Blocker® can work as a stand-alone device or in combination with an Arm barrier or conventional gate.

In the “up” position, the Bavak Road Blocker® acts as an impenetrable barrier and forms a highly visible deterrent.

In the “down” position, the Bavak Road Blocker® is no obstacle to passing vehicles.

The Bavak Road Blocker® will be tailor-made to suit your site requirements and is designed to meet the various weight classes (up to 20 tons in axle weight). An E.F.O. (Emergency Fast Operation) unit can be added as an option. The drive system is electro-hydraulic.

The control cabinet includes a PLC controller, which allows the use of any access control equipment and detection loops.



SECURITY GROUP



Technical specifications **Bavak Road Blocker STHH®**

The drive system : electro-hydraulic
 Width : 2.0 / 2.6 / 3.0 / 3.6 / 4.0 / 5.0 m
 Operating speed : 2 to 5 seconds¹
 Axle weight ↓(max) : 200 kN
 Traffic rating : 60
 Pressure ↑ : 10 kN
 Blocker : sections of 10 mm steel plates
 Front plate blocker : 4 mm
 Top section plate : durbar plate 8/10 mm (floor plate)

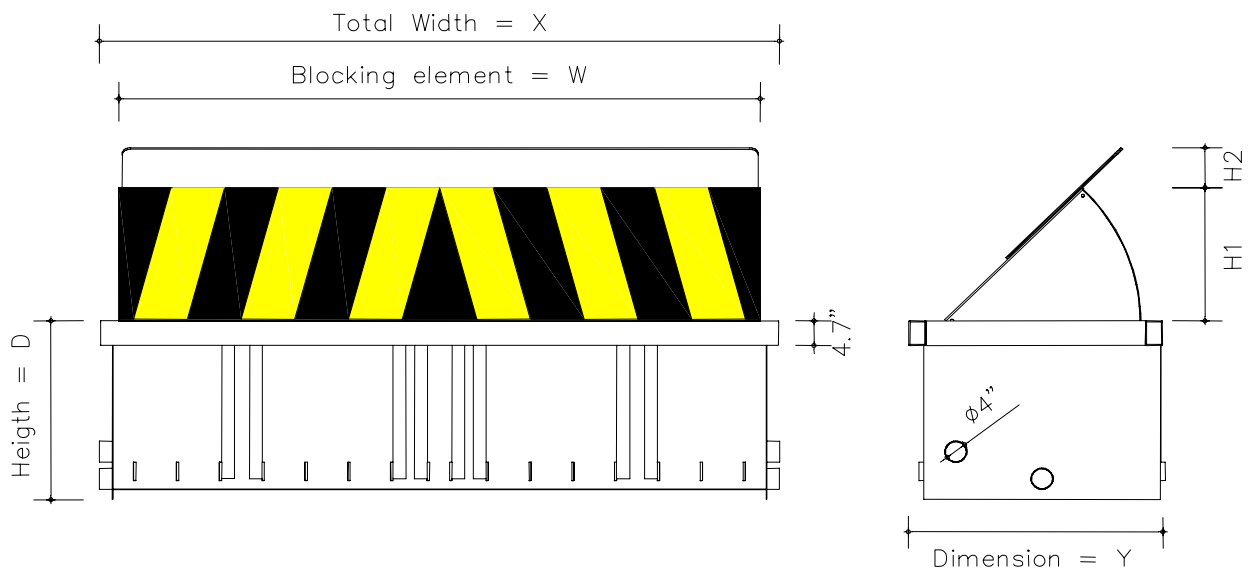
Measurements

Type	RB340STHH	RB540STHH	RB650STHH	RB800STHH
H	340	540	650	800
W	2000-5000			
X	W+100	W+100	W+100	W+100
D	600	800	1000	1200
Y	725	1025	1185	1455

¹ Depending on size and use of an E.F.O.

Measurements in mm

RB1000STHH on request



- Materials** : framework, 10 mm steel plate reinforced with steel sections to evenly distribute impact offering unparalleled strength. Welded in accordance with BS4872
 Metal outer box sealed into concrete pit. Front plate is constructed from 4 mm steel plate
- Blocking element** : completely strengthened Blocker. Inside strengthened with extra 6 mm steel sections
 Unique fixation in order to keep it functioning after large impact
- Surface treatment** : shot-blasted according to BS 1461 / painted in black and yellow
- Colours** : RAL 9005 (black)/ RAL 1023 (yellow chevrons), other colours on request
- Drive unit specs** : 240 V/1 Ph/50 Hz or 414 V/3 Ph/50 Hz 1.1-3 kW, depending on type
- Power rating** : 1 Ph 16 A, 3 Ph 10 A
- Hydraulic** : oil tank, 900 x 1200 x 600 (W x H x L) made of zintec plate
- Operational pressure** : 25 bar, pressure 80-100 bar by submerged pump in hydro unit
- Control cabinet** : by a PLC
- Manual override** : the Blocker can be driven up/down manually by hand pump on hydro unit
- Options** : Blocker remains raised or lowered in the event of power failure
 : connection to fire alarm – to automatically lower in event of fire alarm signal
 : access control system/remote control/push button
 : detection loop and photocell
 : accumulator in order to boost the raising of the blocking element (E.F.O.)

**Type RB650STHHCR-3000 mm has a crash rating of K8
 (6.8 tons/15,000 lbs with a speed of 64 km/40 mph)**