

Bavak Road Blockers STHH® are all built according to international crash ratings. The Bavak Road Blocker RB900STHH and RB1165STHH has achieved the crash rating. (7.5 tonnes @ 80 kph) PAS 68 equivalent to D.O.S. K12.

Bavak Road Blocker STHH® Crash Tested PAS 68 (K12)



Road Blocker PAS 68

- PLC control unit
- Optional E.F.O.
- Hot dip galvanized to BS EN ISO 1461
- Hydraulic operated
- Height 900 + 1165mm
- Width is 4000mm

The Bavak Road Blocker disabled the vehicle and continued normal operation after impact and replacement of the front radius plate. The test is carried out to the impact criteria of the PAS 68 European Standard and in energy terms exceed the American Department of State K12 rating.

The key of success in the test lie in the unique design of the Bavak Road Blocker.

Specially constructed integral impact absorbers and a sacrificial front radius plate are incorporated into the Heavy Duty construction. These draw most of the impact away from the main body of the Bavak Road Blocker helping to disperse the energy within the front face and so alleviate impact damage to the surrounding outer fabrication and concrete foundation. The front radius plate can be quickly and easily replaced whilst the Bavak Road Blocker is in the raised position, thus maintaining site security at all times. No reinforcing of concrete is necessary and no pre-casting of the pit is required, enabling fitting to be completed quickly and efficiently.



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Technical specifications **Bavak Road Blocker PAS 68**

Mechanism	: 4 kW motor immersed pump extra Heavy Duty solenoid valves for reliability and safety in operation approximately running pressure 25 bar approximately maximum running pressure 80 bar
Power failure	: option of remaining raised or lowered in the event of power failure
Interface	: can interface with most access systems
Duty Cycle	: 100%
Normal Operating Speed	: 4 – 7 seconds
Accumulator speed	: 1,5 seconds (all times are approximate)
Power supply	: to suit country requirements
Power rating	: 3ph rated at 16 amp.
PLC Control voltage	: 110vAC
PLC Logic voltage	: 24vDC
Delivery	: the Bavak Road Blocker is delivered in two elements – Blocker and Cabinet
Axle Weight	: any road going vehicle (in house test certificate)
Crash Rating	: 7.5 tonnes @ 80 kph/50 mph with nil penetration – PAS 68: 2007-04-11 in energy terms exceeds DOS K12 certification @ 6.8 tonnes
Optional Accessories	: traffic lights, hydraulic hand pump, card system, fobs, transponder, transmitter, keypad, token/coin acceptors, touch card, push button
E.F.O.	: (Emergency Fast Operation) 6 litre accumulator
Safety / Security	: option of loops and photo beam Security cover to prevent unauthorised access to hydraulic systems
Manufacture	: all manufacturing exceeds BS 6571, all welding to BS 4872 Heavy Duty steel durbar top plate 10mm thick. integral crash bars
Installation	: does not require pre-cast or reinforced concrete pit
Guarantee	: to receive the above impact and still operate