



Avon Barrier Company Ltd

**Avon
RB680/700
Roadblocker**



Avon RB680/700 Roadblocker

The Avon RB680 / 700 Roadblocker comes in a variety of widths to suit specific site requirements, with a blocking segment heights of 350mm or 700mm.

Constructed from heavy welded steel section to provide sufficient strength to exceed British axle loads.

The heavy duty durbar top plate is coated with safety markings, with removable access covers to enable efficient installation and servicing.

The blocker is operated by an hydraulic ram with the power unit (HPU) positioned locally within an externally rated cabinet. The blocker mechanism is encased in a galvanised sheet steel enclosure and has access points for onward connection to ducting for hydraulic hoses and control cables.

On installation the entire enclosure is encased by concrete with construction being subject to site ground conditions.

The power requirement is dependent upon the duty cycling requirement, number and size of blockers to be driven by the power pack

Features

- Vandal resistant
- Complies with BS6571 Part 4
- High quality coating system
- Manual Hand Pump facility
- 3 Phase 50Hz supply 415V

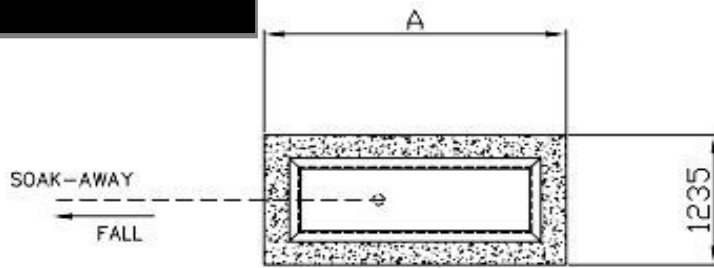
Benefits

- Reliability
- Durability
- Service Spares
- Ease of installation
- Manual Operation in the event of power failure

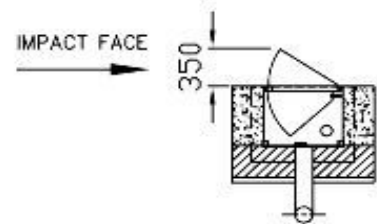
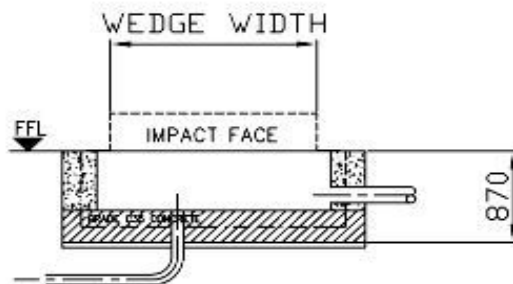
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WEDGE WIDTH	DIMENSION 'A'
2M	2630
2.5M	3130
3M	3630
3.5M	4130
4M	4630



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Options

The blocker comes with a push-button control as standard, however it can be customised to interface with a wide range of access control equipment to suit specific customer requirements (available as options) and any configuration including (but not limited to) inductive loop systems, card readers, communication equipment and manned guard emergency systems can be accommodated.

For safety reasons pedestrians, cyclists and motorcycles are advised not to use a blocker controlled roadway, additional safety measures can be incorporated into the blockersystem if required.

Where the Roadblocker control point is remote from the installation, we strongly recommend the fitting of a recordable CCTV system, traffic lights and safety inductive loop systems.

Options available

- Access control and Intercom systems
- Emergency buttons with lock down
- Inductive loop systems
- UPS backup for the electrical system
- Traffic lights and back-indication system
- Accumulator systems for hydraulic operation in power failure conditions
- Stop/No Entry/Warning signage
- Integral inset warning lights in blocking segment

Technical Details

Physical dimensions (Guide only)

RB680 Roadblocker 2m 2150mm Wx 735mm D x 570mm H (350mm H raised)

RB700 Roadblocker 2m 2130mm Wx 1100mm D x 1160mm H (700mm H raised)

Basic Power requirements: 3-Phase 415VAC, 50Hz, 20 Amps (other voltages are available) Control Voltage S.E.L.V. 24v

Performance: Loading-20 Tonnes

Standard Speed of operation - 6-8 Seconds to raise or lower

Construction: The supporting framework is constructed from fully welded, heavy gauge, steel angle and box section completely encased with steel sheets to provide a self-shuttered module. Sub-surface fixing points ensure the blocker is completely secured to its foundation.



The Avon Barrier Company reserve the right to change or amend the specification of its products from time to time in furtherance of its policy of continued improvements.

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