



Avon Barrier Company Ltd



**The Avon EB950 Triumph Barrier** has been developed to offer a reliable and secure means of controlling wider roadways.

Designed and manufactured in our British factory by engineers with over 25 years' experience in the development and production of rising arm barriers, the Avon EB950 Triumph has been recognised as a leader within its field.

With a full installation, service and maintenance capability, we are able to provide a swift and efficient solution to all vehicle access requirements.

**KEY FEATURES**

- ▲ High duty cycling
- ▲ Electro-mechanical drive unit
- ▲ Fast acting
- ▲ Multi process coating specification
- ▲ Modular design
- ▲ Winding handle facility
- ▲ 230v single phase 50Hz 6A supply

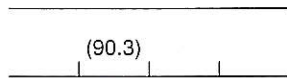
**BENEFITS**

- ▲ Reliability
- ▲ Low maintenance
- ▲ Service spares availability
- ▲ Manual operation in the event of power failure
- ▲ Ease of installation

**Avon EB950 Triumph Barrier**

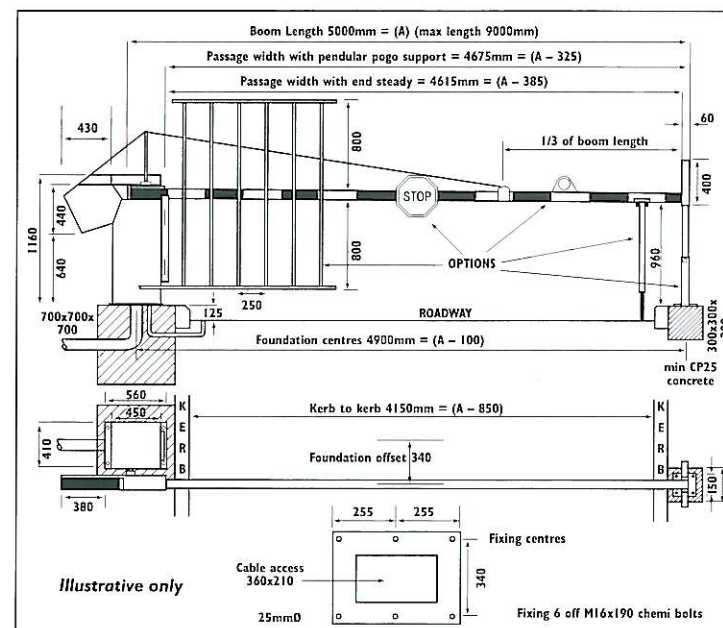
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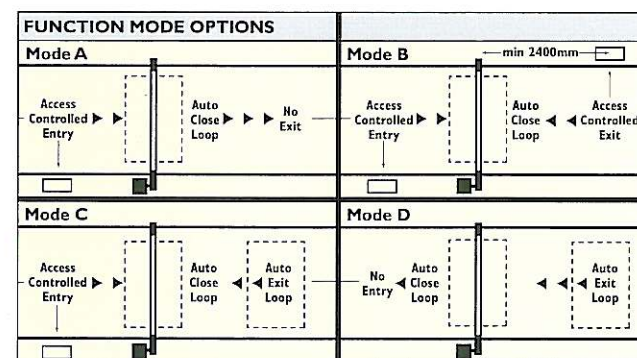
**Technical Specification**



**STANDARD CONTROLS – PUSH BUTTON TO RAISE/STOP/LOWER**

**OPTIONAL EXTRAS**

- Access Control:** Card/Proximity Reader, Keypad/Keyswitch, Radio Transmitter, Infra Red, Tokens, Time Clock Facility, Inductive Loops, Intercom
- Safety Equipment:** Boom Lights, Safety Buffer, Photo-Electric Cell, Inductive Loop
- Signs:** Stop/No Entry, Single/Double Sided
- Skirts:** Underslung (up to 8m), Full Height (up to 6m)



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The Avon EB950 Triumph Barrier stands 1160mm above foundation level with the boom 960mm above foundation level. The arm is constructed from circular section re-enforced and resin bonded fibres (82mm Ø diameter), supplied white with red bands.

The high duty cycling 24V DC 400W linear actuator connects to the drive shaft via a torsion arm providing an operating speed of approximately 10 seconds. An industrial grade nitrogen gas strut is used to provide additional counterbalancing and dampening, thus giving a smooth operation.

The barrier has an integrally mounted 'control panel', containing power supply isolator (230V, 1PH, 50Hz-3A) thermal overload cut-out (TOC), control fuse (24V), auxiliary equipment fuse (230V) and a toggle switch for local Raise/Lower operation.

The cam barrel lockable hinged front door provides access to the control panel, linear actuator for manual winding facility and the limit switches. The all steel constructed cabinet and cover are shot blasted to give a clean, grease free surface providing maximum keying effect for the two pack high zinc primer, 40 microns, followed by a yellow (RAL 1007) textured polyester powder coated top coat, 40 microns approx, weight from 190kg.

All barriers with booms in excess of 5m or where collapsible skirts are fitted require end supports to aid boom rigidity.

It is recommended that the barrier is secured to the foundation using 6 nos. M16x190mm chemical anchors. The installation of ducts for cabling is dependent upon the control criteria.

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 product improvements.

Agent's Stamp