



Avon Barrier

Avon EX750 CAT2 Barrier



Avon EX750 CAT2 Rising Arm Barriers are an ATEX / IECEx certified product that have been designed for vehicle control in hazardous areas which are potentially susceptible to explosive atmospheres.

Designed and manufactured in the UK, Avon EX750 Barriers will provide vehicle access and movement control for primarily oil and gas / chemical works sites without creating an ignition source.

The EX750 is a vehicle control product but has been specifically designed to mitigate the Health and Safety risks associated with sites with the potential for the build up of explosive atmospheres.

Available in a range of operating modes they can be interfaced with all forms of ATEX / IECEx certified access control systems.

The EX750 Barrier cabinet is manufactured from mild steel finished in a high specification multi-coat and anti-static paint system (colour - red RAL 3001 as standard but other colour options are available on request).

The barrier arm is available in lengths up to 5m (500mm increments).

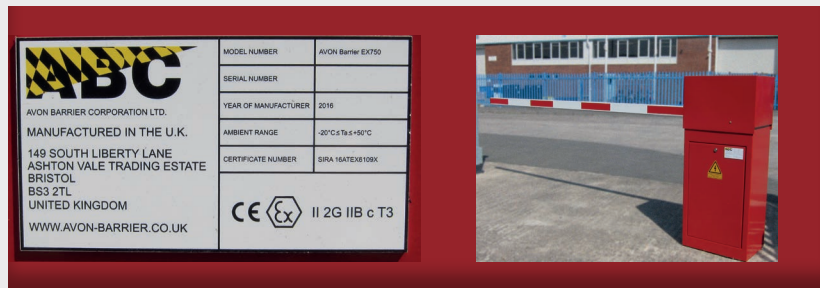
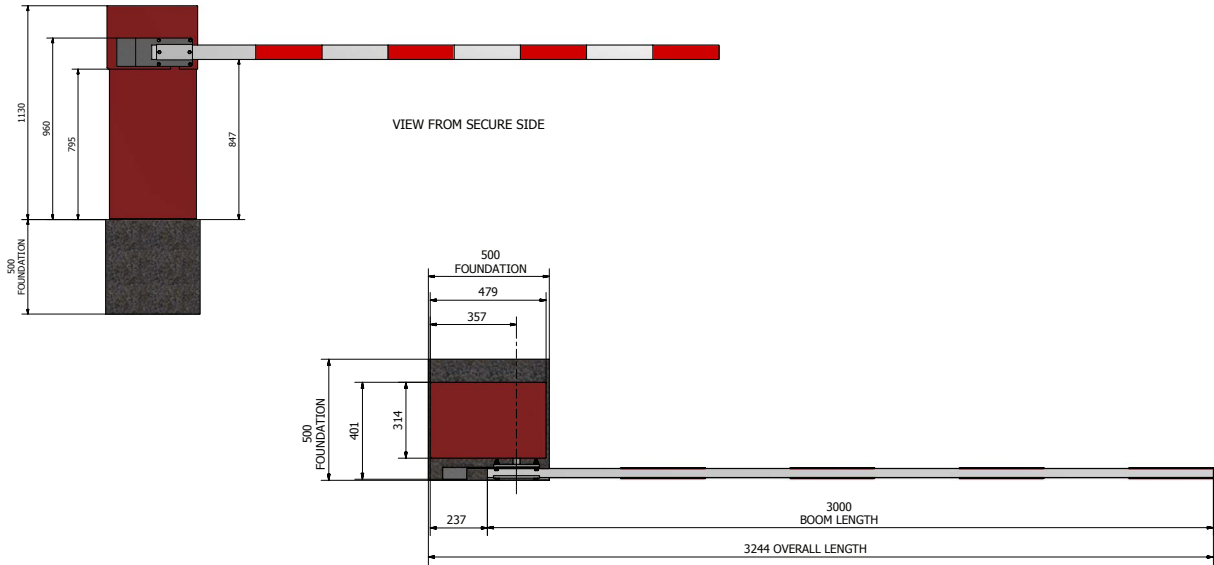
Features

- ATEX / IECEx certified
- Certified for use up to Zone 1&2
- Category 2G
- Gas Group IIB
- Robust Construction

Benefits

- Independently certified
- Produced by certified IECEx manufacturer
- 100% Duty cycling
- Low maintenance

Technical Specification EX750 CAT2 Barrier



Technical Details

Physical Dimensions:	Barrier Cabinet - 1130mm H x 500mm W x 305mm D
Basic Power Requirements:	230v, 1ph, 6amp, 50HZ (Other voltages are available on request)
Control Voltage:	S.E.L.V 24v
ATEX certified protection level:	II 2G IIB c T3
IECEX certified protection level:	Ex h IIB T3 Gb
Speed of operation:	4.2 seconds to raise/lower cycle
Approx weight:	130kg
Paint finish:	INVER S.P.A. 40496 NP ESD Rosso 3001 (red), thickness 80 microns (anti-static paint) Boom profile - Rectangular extruded aluminium 76 x 38mm white powder coated with red fascal striping (black and yellow option available) Max length 5m. Booms are mounted on the right hand (as standard unless specified)
Barrier arm:	The barrier arm is constructed from 76 x 38mm aluminium, white powder coated with reflective red striping. Booms are mounted on the right side of the barrier as viewed from the back of the cabinet.
Power fail operation:	Manual hand wind
IP & Electrical protection level:	The barrier comes with an IP66, ATEX / IECEX Ex d explosion proof certified enclosure to enclose the control system

Please note that any access control systems / push buttons etc. must be fully compliant with the same ATEX / IECEX classifications if mounted on or in the vicinity of the equipment.

Where the barrier control point is remote from the installation, we strongly recommend the fitting of a recordable CCTV system.



Avon Barrier Corporation Ltd
149 South Liberty Lane
Bristol BS3 2TL
United Kingdom

Tel +44 (0) 117 953 5252
Fax +44 (0) 117 953 5373
Email sales@avon-barrier.com
www.avon-barrier.com

Avon Barrier reserves 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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