



TECHNICAL SPECIFICATION

CSG 11840

Crash Tested Full Depth Rising Bollard



PRODUCT OVERVIEW

The CSG 11840 is the first crash tested, hydraulically operated bollard manufactured by Cova Security Gates.

Available as standard in a number of durable finishes to any standard RAL No. or with an optional selection of sleeves to suit the immediate environment.

A unique safety feature available is the pressure sensor facility. This will detect any obstruction on the rise cycle to stop and reverse the bollard on contact.

All sub-surface bollard components are easily accessed from above so that installation or routine maintenance can be safely carried out on the road surface.

The bollard has been crash tested with an allowance for 100mm of topping below finished level which is a unique feature and provides a neat finish to the final surface.

The ground socket for this product withstood two crash tests. This would enable a replacement bollard to be installed quickly following a hostile attack, securing the site again against a secondary attack.

CONTACT US

Call us on +44 (0) 1293 553888
Email us sales@covasecuritygates.com

CRASH TESTING

Model 11840 crash tested to 7,500kg (7.5 Tonne) @ 64km/h (40mph).

Test rating:
CWA16221:2010 V/[N2]7500/64/90:1.0/19.4*

* V/test weight [vehicle class]/speed[kmh]/ angle:penetration/dispersion).

CONSTRUCTION

- Bollard diameter: 219mm.
- Raised height: 1000mm.
- Allowance for finished surfaces (paviors, slabs, tarmacadam): 100mm.
- Bollard ground socket supplied complete with integral reinforcement structure.

OPERATION

- Standard rise time of six seconds.

On power failure the standard HPU can be manually hand pumped to raise the bollard and gravity lowered by release valve.

OPTIONS

- Fast rise options are available via the addition of an accumulator.
- Limited no of raises via acumilator and UPS backup of 24V DC supply.
- Grade 316 Stainless Steel Sleeves available.

CONTROL

- Controlled by a programmable logic controller (PLC).
- Easily interfaces with a wide variety of operational systems via provision of a volt free contact.
- All controls are housed within a lockable steel cabinet rated to IP65.

ELECTRICAL SUPPLY

Supply required: 3 phase & neutral, 400V 50HZ rated at 10A (typical supply for one bollard).

Please contact us to discuss your power supply requirements.

FINISH

- Ground socket: Hot dip galvanized.
- Bollard: Hot dip galvanized and powder coated to a specified RAL No.
- A range of DDA banding is available on request.



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