

CSG 10605

Trackless Bi-Folding Gate



PRODUCT OVERVIEW

The CSG 10605 is a trackless bi-folding gate that does not require a track in either the ground or overhead.

The gate is driven by a unique motor drive unit connected to a crank arm assembly which locks the gate in both open and closed positions.

Unlike our model CSG 10604 trackless bi-folding gate which has the folding mechanism located on the top of the gate leaf, the CSG 10605 utilises a rack & pinion mechanism located at a lower level which leaves the top of the gate free for spikes, barbed wire, decorative ironmongery, or other features as required.

LPS 1175 CERTIFIED

Available as an optional extra:

LPCB Cert. No. 1684a - B3 (SR2)

LPCB Cert. No. 1684c - C5 (SR3)

CONTACT US

Call us on +44 (0) 1293 553888

Email us sales@covasecuritygates.com

DIMENSIONS

Single Unit Maximum Width: 5000mm

Single Unit Maximum Height: 3000mm

Bi-Parting Pair Maximum Width: 10,000mm

Bi-Parting Pair Maximum Height: 3000mm

Contact CSG for a bespoke solution if required.

CONSTRUCTION

Drive: Electromechanical or Hydraulic through a 270° system (European Patent No 1595050)

Hinges: 25mm \varnothing stainless steel pins, DU self lubricating plain bearings, and ball thrust bearings with stainless steel covers

Leaf Folding Mechanism: Rack and pinion system

Gate structure is manufactured from proprietary mild steel

OPERATING TIME

Open Cycle: 8 to 14 seconds

Close Cycle: 8 to 14 seconds

Speed of operation of the gate is dependant on the gate size, infill, site location and force limitation safety requirements.

CONTROL

- PLC based control system
- Electromechanical Drive
- Manual Disengage Facility
- or
- Hydraulic motor drive
- Hydraulic power unit (HPU) mounted onto hinge post
- Manual hand pump for manual operation
- Hydraulically operated locking pin to secure gate leaf
- Operational Usage: 100% duty cycle

SAFETY

- Photocells
- CAT3 Safety Edge System

Designed to meet BS-EN13241-1 for installation, testing and ongoing compliance of automatic gate and door systems appropriate to location, usage and operational requirements.

Additional safety devices such as vehicle detection road loops and laser scanners may be required.

FINISH

- Shot blast to SA 2.5
- Primed: Either galvanised or zinc primer @60µm.
- Topcoat: Polyester top coat @60µm to a specific RAL No.

ELECTRICAL SUPPLY

Mains Supply: 230V 50Hz single phase rated @ 10 Amp

INSTALLATION

Sub fix or surface fix



If required, please contact CSG for a bespoke solution.

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