



PAS 68 Bi-Folding Speed Gate RAPIDE (40 & 50mph)



Product Summary

Eagle Automation offers two PAS68 Bi-Folding gates both successfully tested at 40mph and 50mph with a N2 and N3 vehicle respectively (7500kg). The Eagle arrestor system produced the lowest penetration classification in its class. With shallow foundation and extremely low penetration both products provide a superb engineered solution for protection against hostile vehicle mitigation.

PAS 68 Classification

- **MODEL PAS68 BFG040 Tested at 40mph**
- PAS 68 Rating: Crash Tested to 7.5T (N2) @ 40 mph
- PAS 68:2010 V/7500(N2)/64/90:0.8/0.0
- **MODEL PAS68 BFG050 Tested at 50mph**
- PAS 68 Rating: Crash Tested to 7.5T (N3) @ 50 mph
- PAS 68:2010 V/7500(N3)/80/90:0.7/0.0

Key Features

- Eagle Fibre Technology
- Trackless
- Smooth and quiet
- Opening and closing in approximately 8-9 seconds. Add 3 seconds for locking pin



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Operation

The gate is powered by a hydraulic power pack that also controls the locking pin. Typical operating times are 8-9 seconds after allowing the pin to raise and lower. The gate is very smooth and quiet with exceptional control in both directions. In the event of a power failure the gate has a full manual override system.

Installation

The gate is supplied from the factory as a complete assembled tested unit. Both the 40mph and 50mph products have the same foundations with a depth of only 380mm. For a clear opening of 4.2m the base dimensions are approximately 5.6m x 2.6m x 0.38m.

Construction

Steel construction, galvanised and powder coated to a standard RAL colour. Vertical bar infill with options of different mesh and security topping available.

Dimensions

The gate is tested for a clear opening of 4.2m and can be manufactured for heights up to 5m. Outside dimensions over the posts are 4.8m and allowing for control cabinets is 5.4m. Overall height for the gate at 2.4m is approximately 2.8m allowing for the base frame.

Drives and Controls

The gate is hydraulically driven with a bespoke power pack and cylinder producing a smooth quiet operation with few moving parts. The gate has a powerful PLC with built in diagnostics and programmable inputs and outputs that can provide numerous options depending on client requirements.

Electrical Supply

The gate requires a single phase 240volt 50Hz 16amp supply.

Safety

The gate comes as standard with CAT3 safety edges and light curtain that protects the threshold. Additional options include laser safety devices to protect zones. This device can also be used to produce an alarm output should someone be in the vicinity of the gate when it is closed. The control panel also has a dual channel loop card compatible with safety induction loops if required.

Maintenance

Gate servicing recommended twice per annum



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EAG-PAS68-BFG-040
Eagle 'RAPIDE' PAS68 Bi-Folding Gate 40mph



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Eagle 'Rapide' PAS68 Bi-Folding Gate



EAG-PAS68-BFG-050
Eagle 'Rapide' PAS68 Bi-Folding Gate 50mph