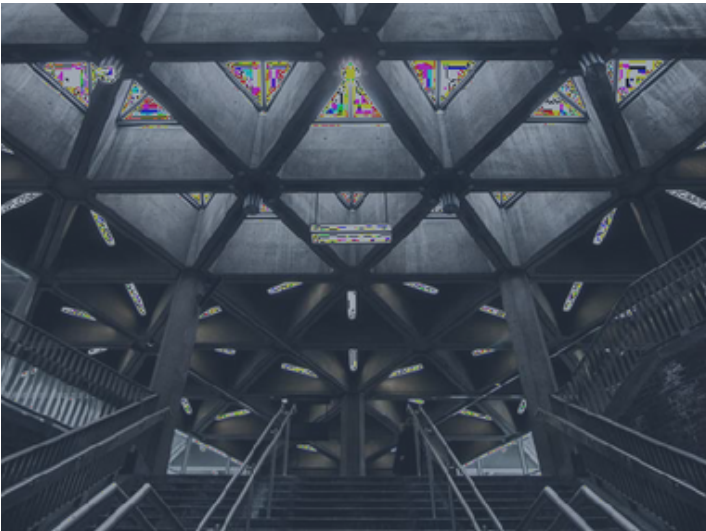


# DYNOFORCE PROFILE

DynoForce design, supply and install the widest range of flood protection solutions, Parking Solutions & HVM products in the world, together with the full spectrum of associated professional services.

Our technical specialists and engineers product, custom-designed Products, including flood barriers, flood gates, flood doors, Security Planter Box, Dock Leveler, Vehicle Restraint System, Crash Rated gates and Crash rated bollards. Our wide solutions are installed throughout the world.

DynoForce operates globally, the International Head Office is in India, with a principal subsidiary in India. With global partners and distributors, DynoForce provides solutions virtually anywhere in the world.



**DYNOFORCE**

## Crash Rated Bi-Fold Gate DF-BFG-50-P1

Gangondanahalli Village, Dasanapura Taluk Bengaluru, Karnataka-562123.

Website: [www.dynoforce.uk](http://www.dynoforce.uk)

Email: [info@dynoforce.uk](mailto:info@dynoforce.uk)

## PRODUCT RANGE:

- Manual / Automatic Flood Gates.
- Parking Systems.
- HVM Crash Rated Product
- Manual/ Automatic Gates.
- Dock Leveler.
- Vehicle Restraint System.

# Crash Rated Bi-Fold Gate

## DF-BFG-50-P1

### Description

- The Crash Rated Bi-Fold Gate DF-BFG-50-P1 is the world's first crash tested trackless bi-folding gate. Designed to prevent vehicle borne terrorist threats, the gate blends seamlessly with any building or site perimeter line, enabling discreet hostile vehicle mitigation with a field proven drive system.

### PAS 68 CRASH TESTING

6000mm Wide: PAS 68:2013 V/7500(N2)/80/90:0.6/0.0\*



**DYNOFORCE**

## Crash Rated Bi-Fold Gate

### DF-BFG-50-P1



- The gate requires a minimal foundation depth of 280mm, ideally suited to shallow and/or utility congested substructures.
- The base design of the product allows 100mm topping, 380mm embedment depth and finished surface and the gate structure is manufactured from proprietary mild steel sections.
- This product can be modified to meet client requirements. It lends itself to the continuation of any high security fencing specification, powered fence, or security toppings across the normally vulnerable vehicular entrance to site.

### Dimensions

- Maximum Width: 8000 mm
- Nominal Height: 2500 mm



# DF-BFG-50-P1

## Safety

- Photocells
- Safety Edge System
- Additional safety devices such as vehicle detection road loops and laser scanners may be required.

## Finish

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

## Control

- PLC based control system
- 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



**DYNOFORCE**

## Crash Rated Bi-Fold Gate

**DF-BFG-50-P1**



## Operating Time

- Open Cycle: 8 to 14 seconds
- Close Cycle: 8 to 14 seconds
- Locking Pin Cycle: 3 seconds

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

## Installation

- Sub fix or surface fix

## Electrical Supply

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

