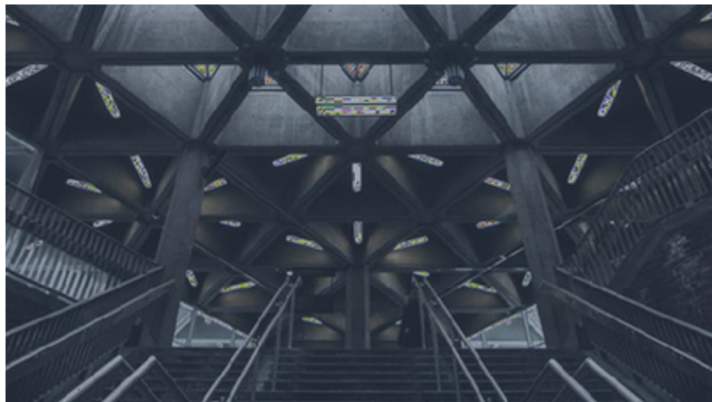


DYNOFORCE PROFILE

Dynoforce designs, supplies, and installs one of the most comprehensive ranges of Parking Management and Hostile Vehicle Mitigation (HVM) solutions globally, supported by a full suite of specialized professional services.

Our team of engineers and technical experts deliver custom-designed security solutions, including crash-rated bollards, automatic and manual crash-rated gates, non-crash-rated perimeter systems, and pedestrian access control systems. Dynoforce products are trusted and installed across high-security sites around the world.

Headquartered in India with a strong domestic presence and supported by global partners and distributors, Dynoforce serves clients across international markets with end-to-end security solutions built to global standards.



DYNOFORCE

DF-CRSWG-80-P1

Website: www.dynoforce.in
Email: info@dynoforce.in

PRODUCT RANGE:

- Crash Rated Bollard - Fixed
- Crash Rated Bollard - Automatic/Retractable
- Non Crash Rated Bollards
- Parking Bollards
- Crash Rated Automatic/Manual gates
- Non crash Rated Automatic/Manual gates
- Pedestrian Gates
- Automatic/Manual Boom Barrier
- Crash Rated Wall

Crash-Rated Swing Gate

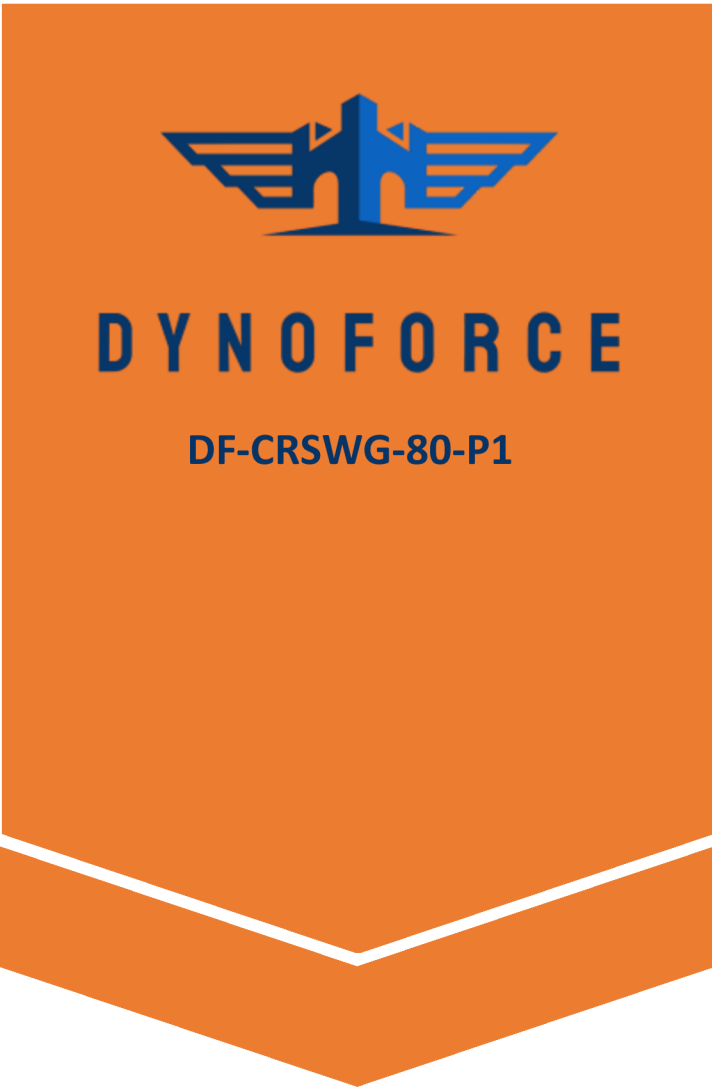
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Description

The K12 Crash-Rated Swing Gate is a high-security barrier designed to prevent unauthorized vehicle access and protect critical infrastructure. Certified to IWA 14-1 standards with P1 penetration, and crash-tested by ARAI, this gate is engineered to withstand high-impact forces. It is capable of stopping a 7.5-ton vehicle traveling at 80 km/h (50 mph), making it an ideal solution for high-security installations requiring unparalleled safety, reliability, and protection

Features and Benefits

- K12 Crash Rated - Certified to stop high-speed vehicle impacts, ensuring maximum perimeter protection.
- Heavy-Duty Construction - Reinforced steel structure built for strength and long-term durability.
- Hydraulic Operation - Smooth, reliable performance with consistent actuation.
- Customizable Design - Offered in various sizes and finishes to suit site-specific needs.
- Weather Resistant - Designed to withstand harsh environmental conditions.
- Safety Features - Integrated sensors to prevent accidental operation or injury.



Key Features

- Certification: IWA 14-1
- Impact Resistance: Capable of stopping a 7.5-ton vehicle traveling at 80 km/h (50 mph) with P1 penetration.
- Material: High-grade structural steel. Operation: Manual or automated (hydraulic motorized option)
- Gate Height: 3m
- Gate Width (Clear Opening): 6m
- Finish: Hot-dip galvanized with optional RAL powder coating for weather resistance
- Opening/Closing Speed: Approximately 10– 12 seconds (motorized)
- Weight: 4770Kg

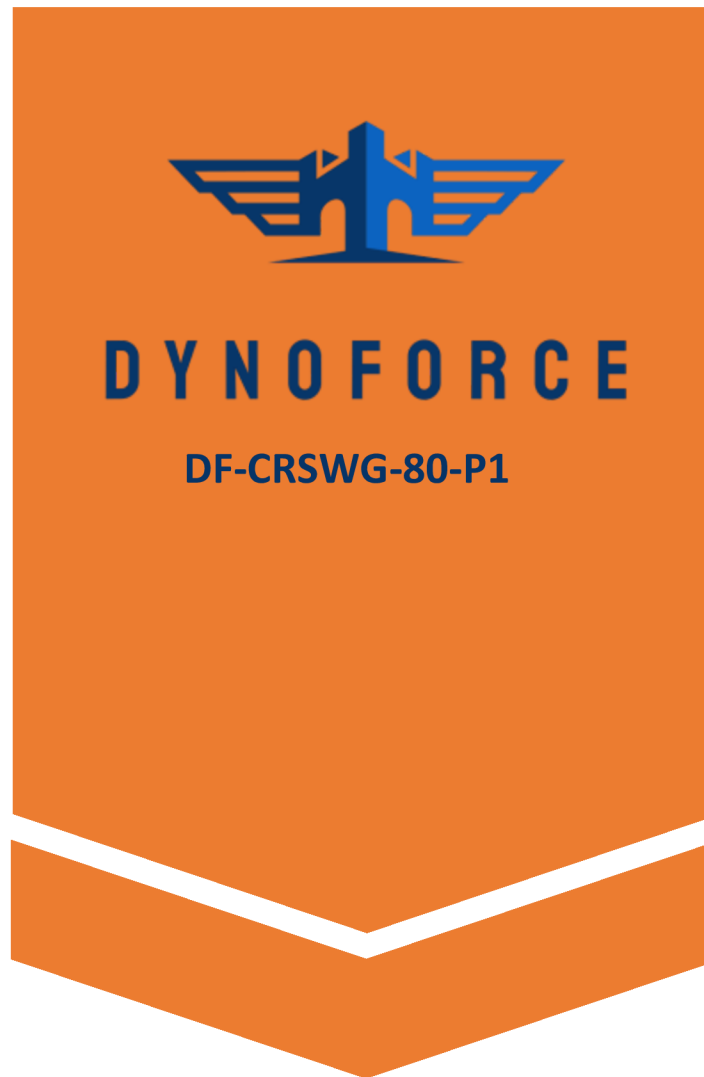
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Installation and Maintenance

- Foundation Requirements - Requires a reinforced concrete foundation to ensure structural stability and absorb high-impact forces.
- Hydraulic Power Unit (HPU) - Powers the gate's automated hydraulic operation with reliable performance.
- Site Preparation - Electrical cabling and mechanical groundwork must be completed in advance for motorized operation.
- Low Maintenance - Designed with durable, corrosion-resistant materials, reducing long-term maintenance needs.

Disclaimer

For detailed technical specifications and customized configurations, contact DynoForce's technical team.



Applications

- Military Bases - Secures access to high-security defence installations.
- Government Buildings - Protects embassies, consulates, and sensitive official premises.
- Airports & Ports - Shields major transportation hubs from vehicular threats.
- Critical Infrastructure - Safeguards power plants, oil refineries, data centres, and other vital assets from hostile vehicle intrusions.

