



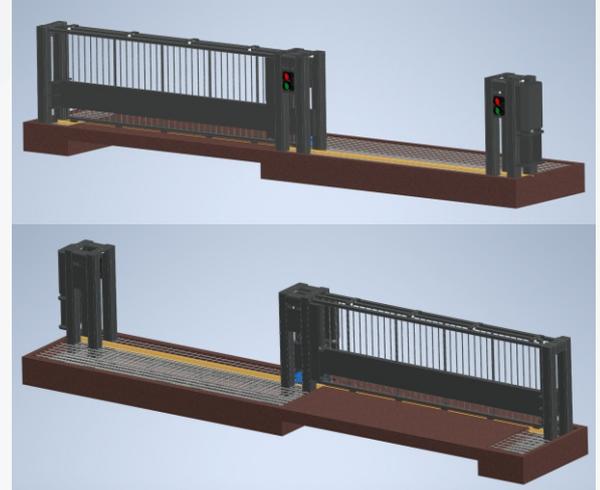
**DYNOFORCE**  
Protecting Assets

# DF-SLG-80-P1

K12 CRASH RATED SLIDING GATE

## PRODUCT OVERVIEW

The DF-SLG-80-P1 is a high-security, crash-rated sliding gate engineered to meet stringent perimeter protection requirements for critical and high-risk installations. Designed for exceptional structural performance, the system provides reliable defense against hostile vehicle threats. The gate is crash-tested and certified by ARAI to the IWA 14-2:2013 and, classification M50-P1. It is capable of arresting a 7.2-ton truck traveling at 80 km/h (50 mph) with zero penetration (with clear opening of 6m), ensuring superior impact resistance and controlled vehicle arrest. With robust construction and precision engineering, the DF-SLG-80-P1 delivers elite-level security, long-term reliability, and dependable performance for sensitive and mission-critical facilities.



## APPLICATIONS

- ★ Data centers and mission-critical facilities
- ★ Military bases and strategic facilities
- ★ Airports and aviation infrastructure
- ★ Government and defense installations
- ★ Nuclear, power, and energy infrastructure
- ★ Embassies and diplomatic premises
- ★ Research facilities and laboratories
- ★ Oil & gas facilities and refineries
- ★ Ports, harbours, and logistics hubs
- ★ High-security commercial and industrial campuses

## KEY TECHNICAL PARAMETERS

PARAMETER	SPECIFICATION
Product Name	DF-SLG-80-P1
Height	2550mm to 3000mm
Foundation Depth	780mm including floor finishes
Clear Opening	6000mm to 8000mm
Construction	Gate structure: High strength steel sections with track In fill: Strong palisade type, optional wire mesh also available.
Crash Rating	K12 (7.2T @ 80 km/h)
Test Standard	IWA 14-2 (2013) [ARAI] Gate D/7200[N2B]/80/90:0.0
Drive	Operational usage: 100% duty cycle Hydraulic drive: Hydraulic motor Hydraulic pack: Available separately in an IP rated enclosure. Includes hand pump for manual operation.
Control	In-house manufactured enhanced drive unit PLC-based control system Electrical controls housed in separate IP rated enclosure.
Finishes Available	Cold Galvanized with customized painted finish.
Safety	All gate systems include photo beam between posts; additional beams can be added for extra protection to stop gate on obstruction Vehicle detection loop systems recommended for all installations.
Optional Extras	Battery Back Up   Remote Fault Logging   Multiple Access Control Options   Safety edge system