



DYNOFORCE
Protecting Assets

DF-AB-30-P1

K4 CRASH RATED RETRACTABLE BOLLARD

PRODUCT OVERVIEW

Dynoforce DF-AB-30-P1 K4 crash rated retractable bollard is HORIBA MIRA, UK physically tested and certified in compliance with 22343-1:2023 and IWA 14-1 (K4) standards. It is capable of stopping a 7.2-ton vehicle at 48 km/h with 0.7 m (P1) penetration. Manufactured from high-grade steel, the bollard offers excellent impact resistance and durability. It is hydraulically operated for fast, reliable automatic deployment. Designed for outdoor use, the system is galvanized with optional painted finishes for long-term protection in harsh environments. The bollard remained fully operational post-impact with minimal structural deformation, demonstrating high reliability and robustness.



Scan for
Test Video

APPLICATIONS

- ★ Data Centres & Critical Infrastructure
- ★ Government Installations & Embassies
- ★ Financial Districts & Corporate Hqs
- ★ Nuclear Power Plants & Strategic Utilities
- ★ Military Zones & Defence Bases
- ★ Airports, Ports & High-Security Facilities
- ★ High-Value Commercial & Corporate Campuses

KEY TECHNICAL PARAMETERS



PARAMETER	SPECIFICATION
Product Name	DF-AB-30-P1
Bollard OD	219 mm / 230mm (Sleeved)
Height Above Ground	1050 mm
Foundation Depth	1980 mm including floor finishes
Crash Rating	K4 (7.2T @ 48 km/h)
Test Standard	<ul style="list-style-type: none"> • ISO 22343-1:2023 Bollard V/7200[N2A]/48/90:0.7/20.2 • IWA 14-1:2013 Bollard V/7200[N2A]/48/90:0.7
Finishes Available	Standard Supply - Galvanized with customized painted finish incorporating two reflective bands for enhanced visibility. Optional - The bollard can also be provided with a Grade 316 stainless steel aesthetic sleeve with dual bands, along with an optional integrated LED lighting lid for improved nighttime visibility and safety.
Optional Extras	Emergency Fast Operation Battery Back Up Remote Fault Logging Multiple Access Control Options