

Magnum



K12 Certified electro-hydraulic road blocker

Boon Edam's road blockers are designed for maximum perimeter security. The Magnum K12 crash test certified wedge shaped barrier deters pedestrian traffic and is highly visible when in use. To pass the crash test, the Magnum had to stop the load area of a 6800kg vehicle travelling at 80km/h from penetrating the front face of the barrier with more than 1 metre. The Magnum features automatic raising and lowering, and installs flush to the finished roadway when retracted.

The Magnum utilises a pit-mounted rotating wedge-style system. It consists of welded steel members rotated around a heavy steel shaft. Available in a variety of widths, the unit has a

barrier guard height of 813mm. Especially useful in very cold environments, the Magnum road blocker is undeterred by snow and ice.

Your **Security.** Our **Solution.**

Construction

- The Magnum is K12 certified by the U.S. Department Of State (DOS).
- All steel parts are standard hot dipped galvanised for corrosion protection.
- Black paint with yellow stripes is standard. Custom specified paint colors are available.
- Construction and installation by others, such as concrete foundation, rebar, roadway surface, conduit, wiring and hydraulic hoses.

Features & Options

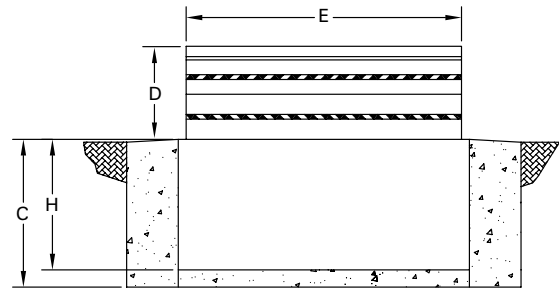
<i>Characteristics</i>	<i>Std</i>	<i>Opt</i>
Manual hand pump	•	
Hot-dipped galvanised	•	
Standard main operator control panel	•	
Custom main operator control panel		•
Remote operator control panel		•
2.2kW hydraulic unit	•	
3.7kW hydraulic unit		•
7.5kW hydraulic unit		•
Barrier-up position sensor	•	
Barrier-down position sensor	•	
Hydraulic oil heater/cooler		•
Emergency Fast Operate (EFO)	•	
Vehicle detection loops		•
Traffic signal lights		•
Weather proof HPU enclosure	•	
Custom painted finish		•
PLC Programming	•	
Battery backup		•
Electrical Power Voltages:		
208-240 Volt AC, 3-Phase, 60 Hertz	•	
115-120 Volt AC, Single-Phase		•
208-240 Volt AC, Single Phase		•
380 Volt AC, 3-Phase		•
440-480 Volt AC, 3-Phase		•

Dimensions (mm)

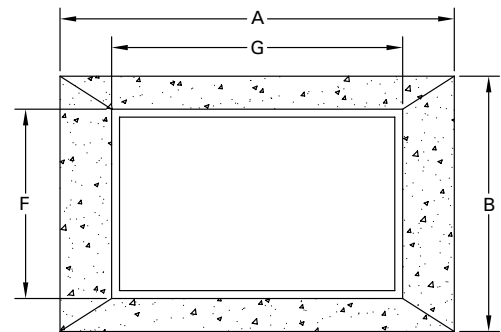
<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>	<i>E*</i>	<i>F</i>	<i>G</i>	<i>H</i>
3492	2261	1308	813	2438	1676	2578	1156
4278	2261	1308	813	3048	1676	3162	1156
4712	2261	1308	813	3658	1676	3746	1156
5321	2261	1308	813	4267	1676	4331	1156

* E width determines model type

FRONT VIEW



TOP VIEW



ISOMETRIC VIEW

