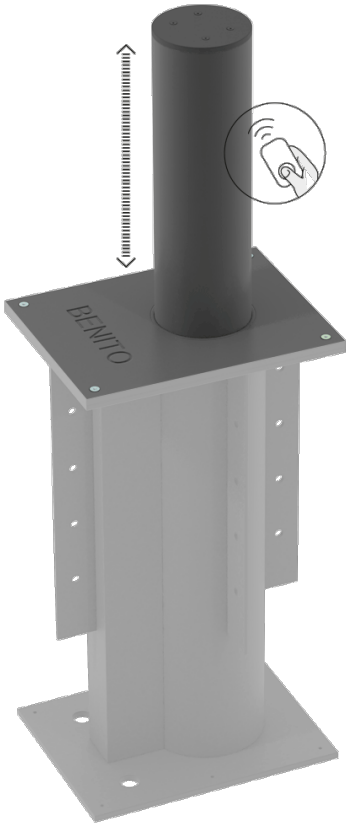

PAS-68

IWA-14

ASTM INTERNATIONAL

ISO22343

HM5012

Bollard

DEFENDER M50

ASTM

ISO22343

Certified according to PAS 68

US DEPARTAMENT OF STATE

Regulations and certifications:

ISO 9001 | ISO 50001 | ISO 14001 | ISO 45001

DEFENDER HM5012 security bollard , made of high-strength steel. Designed to provide effective protection against vehicle impacts, it is installed by embedding it in a foundation. Its robust geometry and balanced proportions guarantee high structural rigidity and stability after installation. Finished with an anti-corrosion treatment and thermosetting polyester powder paint, resistant to weather and UV rays. Recommended for demarcating pedestrian zones, restricted access areas, or high-security urban areas, combining functionality, durability, and careful aesthetic integration into the urban environment.

		HM5009	HM5010	HM5012
DIMENSIONS AND MATERIALS	HEIGHT FROM GROUND LEVEL	35.43 in	39.37 in	47.24 in
	THICKNESS	25	25	25
	BOLLARD DIAMETER	Ø0.43 in3 in	Ø0.43 in3 in	Ø0.43 in3 in
	BOLLARD MATERIAL	0.98 in Steel Epoxy primer and paint	0.98 in Steel Epoxy primer and paint	0.98 in Steel Epoxy primer and paint
FEATURES		380v - 50/60HZ	380v - 50/60HZ	380v - 50/60HZ
	MOTOR POWER	2.000W	2.000W	2.000W
FUNCTIONAL FEATURES	SYSTEM	Hydraulic / Built-in	Hydraulic / Built-in	Hydraulic / Built-in
	TEMPERATURE RANGE	-20ºC +80ºC	-20ºC +80ºC	-20ºC +80ºC
	IP PROTECTION RATING	IP67	IP67	IP67
	WORKING FREQUENCY	2100 ciclos/ dia	2100 ciclos/ dia	2100 ciclos/ dia
	ASCENT TIME	6 seconds	6 seconds	6 seconds
	LOWERING TIME	6 seconds	6 seconds	6 seconds
	IMPACT RESISTANCE	6800 / 7200 KG at 80KM/H	6800 / 7200 KG at 80KM/H	6800 / 7200Kg at 80KM/H
	REFLECTIVE BAND	OPTIONAL	OPTIONAL	OPTIONAL
	LIGHTED CROWN	Yes, Red/Green RGB LED	Yes, Red/Green RGB LED	Yes, Red/Green RGB LED
	TRAFFIC LIGHT FUNCTION	Si	Si	Si

V. 2026-05-07 | The constant improvement and evolution of our products may result in some modifications of the technical specifications and characteristics of the products without prior notice.

BENITO

info@benito.com
tel. 93 852 1000

Downloads: *Project sheet* | *CAD* | *Certificate* | *Mounting instructions* |

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