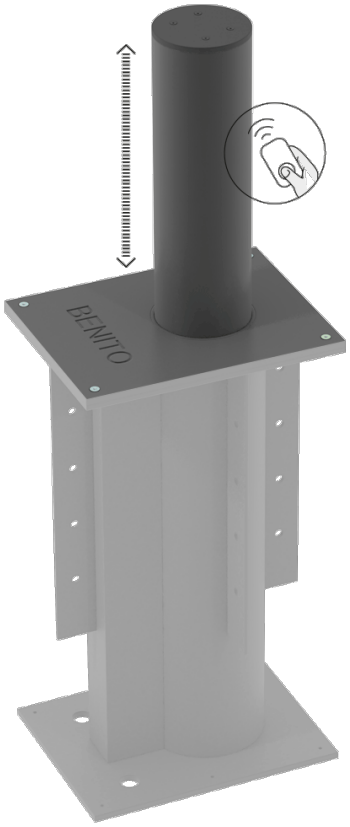


PAS-68

IWA-14

ASTM INTERNATIONAL

ISO22343

HM5012

Bollard

TELESCÓPICA AUTOMÁTICA 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 safety Bollard , manufactured from high-strength steel. Designed to offer effective protection against vehicle impacts, it is installed by embedding it in the foundation. Its robust geometry and balanced proportions guarantee high structural rigidity and excellent stability after installation. Finished with an anti-corrosion treatment and thermoset polyester powder coating, it is resistant to weathering and UV rays. Recommended for demarcating pedestrian zones, restricted access areas, or high-security urban areas, it combines functionality, durability, and careful aesthetic integration into the urban environment.

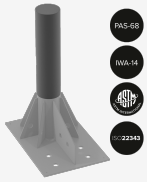
		HM5009	HM5010	HM5012
DIMENSIONS AND MATERIALS	HEIGHT FROM GROUND LEVEL	35.43"	39.37"	47.24"
	THICKNESS	25	25	25
	BOLLARD DIAMETER	Ø10.83"	Ø10.83"	Ø10.83"
	BOLLARD MATERIAL	0.98" Steel Epoxy primer and paint	0.98" Steel Epoxy primer and paint	0.98" Steel Epoxy primer and paint
FEATURES	MOTOR POWER	380v - 50/60HZ 2.000W	380v - 50/60HZ 2.000W	380v - 50/60HZ 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 / 15873.26 lbs at 49.7 mph	6800 / 15873.26 lbs at 49.7 mph	6800 / 15873.26 lbs at 49.7 mph
	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
CERTIFICATION	CERTIFIED ACCORDING TO THE STANDARD			

V. 2026-09-21 | 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

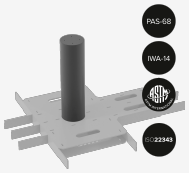
DEFENDER FIX M50
HM5012F



DEFENDER M30 - FR
HM3009FR



DEFENDER M50 - FR
HM5012FR



TELESCÓPICA AUTOMÁTICA DEFENDER M30 - S
HM3009



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

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