



ANTI-TERRORISM BOLLARDS



Be ahead

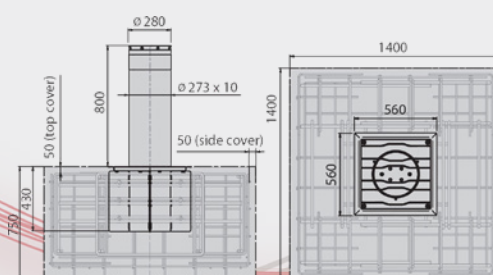
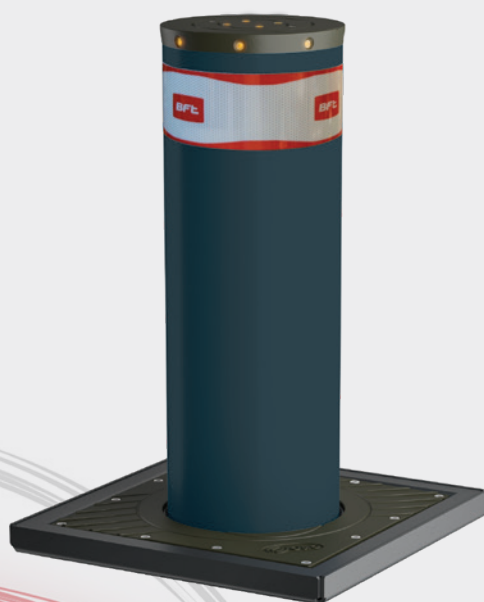


RANCH D

Fixed bollard

Fixed bollards suitable for protecting sensitive sites and ideal when used for long-term access prevention. The Ranch D can be integrated with the XPASS B 800 automatic anti-terrorism bollard into a suitable configuration to help provide the required high level of protection for a defined area.

The Ranch D is 800 mm in height and 275 mm diameter, all versions are equipped with an LED light crown and are available in two finishes: painted steel coloured RAL 7015 or stainless steel. They are suitable for many types of environment.



*The metal cage in the figure is not supplied.

SPECIFICATIONS

	RANCH D 275/800 C L	RANCH D 275/800 C LI
Operator type	fixed bollards	fixed bollards
Shaft height	800 mm	800 mm
Shaft diameter	275 mm	275 mm
Shaft thickness	10 mm	10 mm
Shaft treatment	RAL 7015 painted steel	AISI 304 or AISI 316 stainless steel
Break-in resistance	667000 J	667000 J

*if the code contains LI: LI= AISI 304 or AISI 316 stainless steel available on request

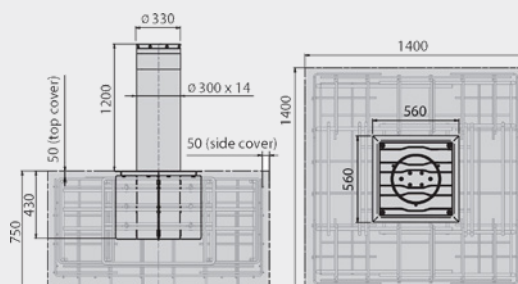
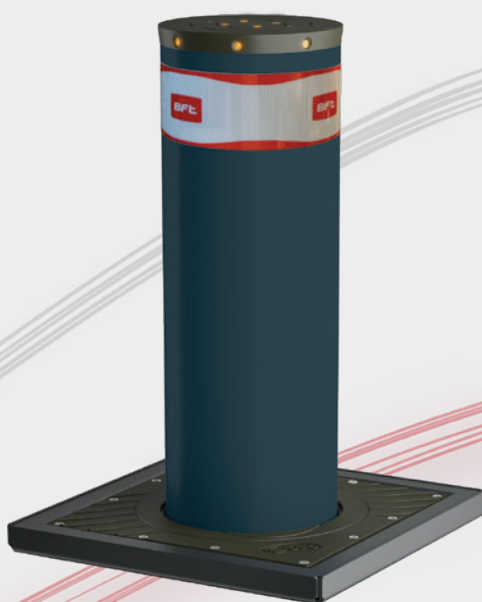


RANCH E

Fixed bollard

The Ranch E is a fixed anti-terrorism bollard, 1200 mm in height and 330 mm diameter, all versions are equipped with an LED light crown and are available in two finishes: painted steel coloured RAL 7015 or stainless steel. They are suitable for many types of environment.

The Ranch E can be integrated with the XPASS B 1200 automatic anti-terrorism bollard into a suitable configuration to help provide the required high level of protection for a defined area.



*The metal cage in the figure is not supplied.

SPECIFICATIONS

	RANCH E 330/1200 LI
Operator type	fixed bollards
Shaft height	1200 mm
Shaft diameter	330 mm
Shaft thickness	14 mm
Shaft treatment	RAL 7015/ AISI 316L stainless steel version
Break-in resistance	2100000 J



XPASS B 275/800

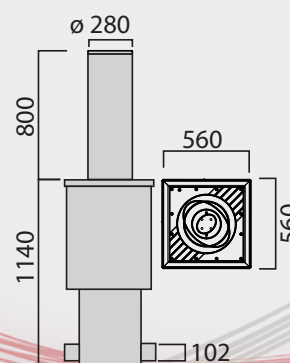
Anti-terrorism bollard

Anti-terrorism bollards tested and certified (crash-tested) by an independent body according to both IWA 14-1:2013 movable bollard V/7200[N2A]/48/90:5.5 and PAS68: 2013 movable bollard V/7500 [N2]/48/90:5.2/- standards. Each bollard has an independent pump so that in the event of a control unit failure, the other bollards in the environment remain functional. The XPASS B 800 can be integrated with the Ranch D fixed bollard, into a suitable configuration to help provide the required high level of protection for a defined area.

The XPASS B 800 is 800 mm in height and 275 mm diameter, all versions are equipped with an LED light crown and are available in two finishes: painted steel coloured RAL 7015 or stainless steel. They are suitable for many types of environment.



XPASS B
275/800



SPECIFICATIONS

	XPASS B 275/800C L	XPASS B 275/800C L LSD
Operator	hydraulic bollard	hydraulic bollard
Voltage	230 V	230 V
Shaft height	800 mm	800 mm
Thickness	10 mm	10 mm
Shaft diameter	275 mm	275 mm
Rising time	7 sec.	7 sec.
Shaft treatment*	RAL 7015 painted steel and reflective film h: 100 mm	RAL 7015 painted steel and reflective film h: 100 mm
Lowering time	4 sec.	4 sec.
Control unit	PERSEO CBE 230.P SD	PERSEO CBE 230.P SD
Break-in resistance	800000J	800000J
Frequency of use	2000 Op/day	2000 Op/day
Antiterrorism reference standard	PAS68:2013 rising bollard V/7500 [N2]/48/90 IWA14-1:2013 rising bollard V/7200 [N2A]/48/90	PAS68:2013 rising bollard V/7500 [N2]/48/90 IWA14-1:2013 rising bollard V/7200 [N2A]/48/90
Type of limit switch	reed magnetic sensor	reed magnetic sensor
Manual operation	reversible with no power	reversible with mechanical key with no power
Ambient conditions	-40°C +60°C	-40°C +60°C

*if the code contains LI: LI= AISI 304 or AISI 316 stainless steel available on request

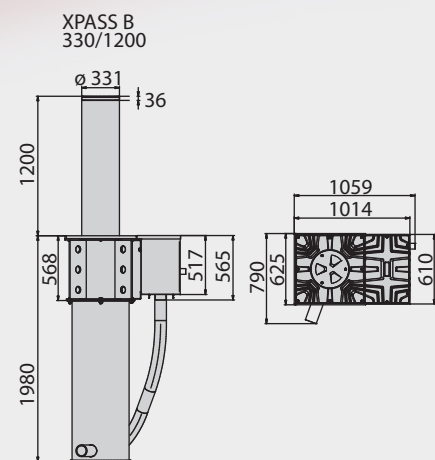


XPASS B 330/1200

Anti-terrorism bollard

Anti-terrorism bollard tested and certified (crash-tested) by an independent company according to standards IWA14-1:2013 Bollard V/7200(N3C)/80/90:4.6. Each bollard has an independent pump so that in the event of a control unit failure, the other bollards in the environment remain functional. The XPASS B 1200 can be integrated with the Ranch E fixed bollard, into a suitable configuration to help provide the required high level of protection for a defined area.

The XPASS B 1200 is 1200 mm in height and 330 mm diameter, all versions are equipped with an LED light crown and are available in a stainless steel finish. They are suitable for many types of environment.



SPECIFICATIONS

	XPASS B 330/1200C L	XPASS 330/1200C L EFO
Operator	hydraulic bollard	hydraulic bollard
Voltage	230 V	230 V
Shaft height	1200 mm	1200 mm
Thickness	25 mm	25 mm
Shaft diameter	330 mm	330 mm
Rising time	max 5.3 sec.	max 5.3 sec. (1.5 sec. for emergency)
Shaft treatment*	RAL 7015 painted steel and reflective film h: 100 mm	RAL 7015 painted steel and reflective film h: 100 mm
Lowering time	4 sec.	4 sec.
Control unit	PERSEO CBE 230.P SD	PERSEO CBE 230.P SD
Break-in resistance	2100000J	2100000J
Frequency of use	2000 Op/day	2000 Op/day
Antiterrorism reference standard	IWA14-1:2013 V/7200(N3C)/80/90	IWA14-1:2013 V/7200(N3C)/80/90
Type of limit switch	reed magnetic sensor	reed magnetic sensor
Manual operation	reversible with mechanical key with no power	reversible with mechanical key with no power
Ambient conditions	-40°C +60°C	-40°C +60°C

*if the code contains LI: LI= AISI 304 or AISI 316 stainless steel available on request

Team up with us: be ahead!

Advanced solutions, with unique, exclusive features. But also simple, accessible, and user-friendly. Cutting edge technologies designed to improve the lives of everyone: both those who install them and those who use them.

This is who we are today: a company focused on the needs of the present, with an eye looking to the future. A professional, people-friendly company, capable of taking its partners by the hand and, thanks to a full access specialist approach, propelling them along at a dynamic pace that will ensure they are always out there in front. A company where the technical component is supported by the power of passion, where engineering expertise is complemented by the brilliance of keen inventiveness. Because we like to listen to you, understand you, address your needs and offer new opportunities; always giving you the best and offering you tools that are increasingly sophisticated, designed to enhance your performances. A fast, smart technology, with its foot always on the accelerator: ensuring you steam ahead at the pace of innovation and that, together with you, it is always one step ahead.

North Branch

Bft Automation UK Ltd
Units C2-C3 The Embankment
Business Park, Vale Road, Heaton
Mersey, Stockport, SK4 3GL

T 0161 456 0456
F 0161 456 9090

South Branch

Bft Automation (South) Ltd
Enterprise House, Murdock Road,
Dorcan, Swindon
SN3 5HY

T 01488 674 750
F 01488 674 790

Ireland Branch

Bft Automation Ltd
Unit D3, City Link Business Park,
Old Naas Road,
Dublin 12

T +353 1 456 4711
F +353 1 450 8337