

PRODUCT SHEET

Semi-automatic retractable bollard **G6 EVO**

Semi-Automatic



CAME URBACO

DIMENSIONS □ Ø200 H750 | □ Ø250 H750

GENERAL DESCRIPTION

The semi-automatic bollard is adapted to the low-traffic areas management such as a square opened a few times per months for particular events, a reserved area. The semi-automatic bollard is also the best access control solution in places where there is no electrical power supply.

Lock protection: The lock is protected by a bronze hatch preventing any dust or gravel from penetrating inside.

Standard imprint key: T11

Safe operation: Reinforced push-to-release bar and lock bolt

Reflective band: Class II (white)

The semi-automatic retractable bollard must be installed out of the wheel arch.

MONOBLOC® DESIGN

Bollard head, casing and cover made of 11mm average thick cast iron material. These parts are cast as one single piece, without any weld nor wear part.

Reliability

4.5 million of operations without any failure neither part replacement (Up to 1,200 operations per day over 10 years).

Longevity

G6 EVO bollards are intended to withstand repeated impacts, rain, frost, sand, dust, solvents agents...

10-year warranty

10-year warranty on cast-iron material bollard head, casing and cover, even after a 2.5 tons vehicle collision at 55 km/h*.

* See the "Warranty" chapter in our General Terms of Sale



ISO EN 124 - E600 Class - Accepted vertical load: 60T per axle. Can be installed in areas that take heavy loads (docks and airports).

In compliance with NFP98-310 standard - Regarding characteristics and performances of automatic, semi-automatic and manual retractable bollards.

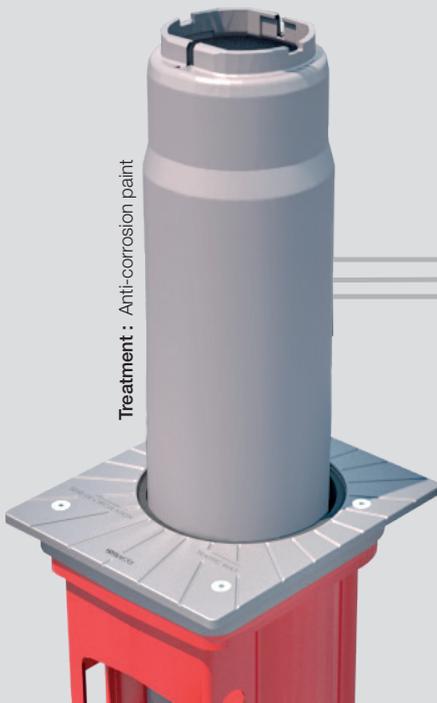
In compliance with the French PMR decree - All dimensions comply with the French decree of 18 September 2012 regarding technical specifications for road and public area accessibility, enabling Persons with Reduced Mobility to have the best possible day-to-day travel.

G6EVO, THE CONCEPT

The G6 EVO bollard is equipped with an innovative interchangeable sleeve system for customizing the aesthetics of access points and refurbishing any damaged bollard heads in less than 5 minutes. The bollard head is made of cast-iron material, which provides high impact resistance, covered with a steel or stainless steel sleeve. The new G6 EVO bollard has been designed to make on-site sleeve replacement easy and quick, without need of hoisting device.



CAST IRON BOLLARD HEAD



PAINTED SLEEVE

Material : Steel
Design : Cylinder or Chateaufeuf
Treatment : Zinc-based primer as standard reinforcing corrosion-resistance
RAL paint : Matt finish thermosetting polyester powder top coat (RAL7016 standard)



STAINLESS STEEL SLEEVE

Material : 316L Stainless Steel
Design : Cylinder or Chateaufeuf
Treatment : Polish and satin-finished 316L stainless Steel



CUSTOMIZED SLEEVE

Material : Steel (Stainless Steel on request)
Design : Cylinder
Treatment : Zinc-based primer as standard reinforcing corrosion-resistance
Customization : Customization with a logo, text, texture, advertising, or image.
Finishing : anti-abrasion protection system

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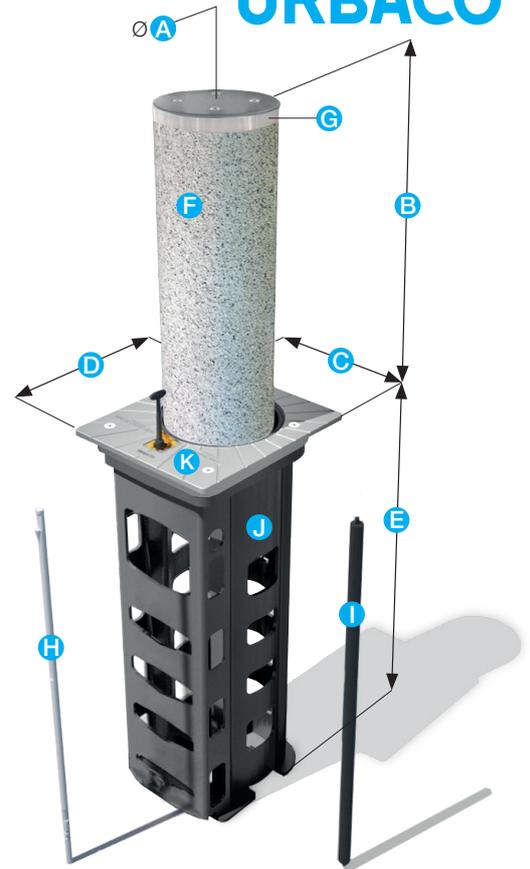


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DIMENSIONS (mm)	A	B	C	D	E	Weight
<input type="checkbox"/> BMEVOE75	200	750	317	390	972	109 kg
<input type="checkbox"/> BMEVOF75	250	750	385	450	972	148 kg

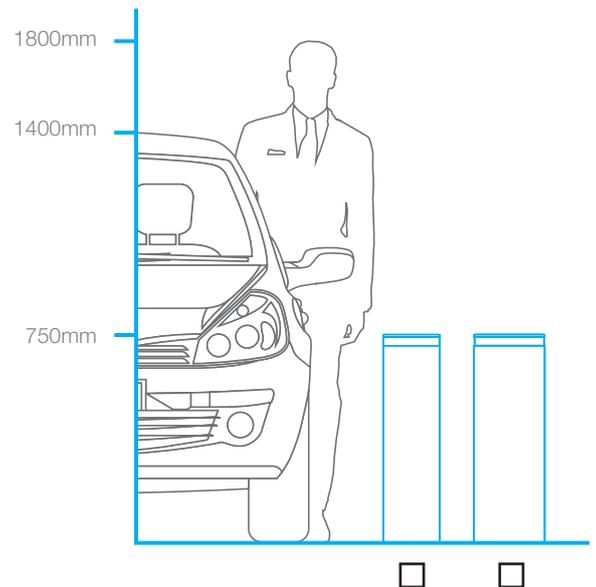
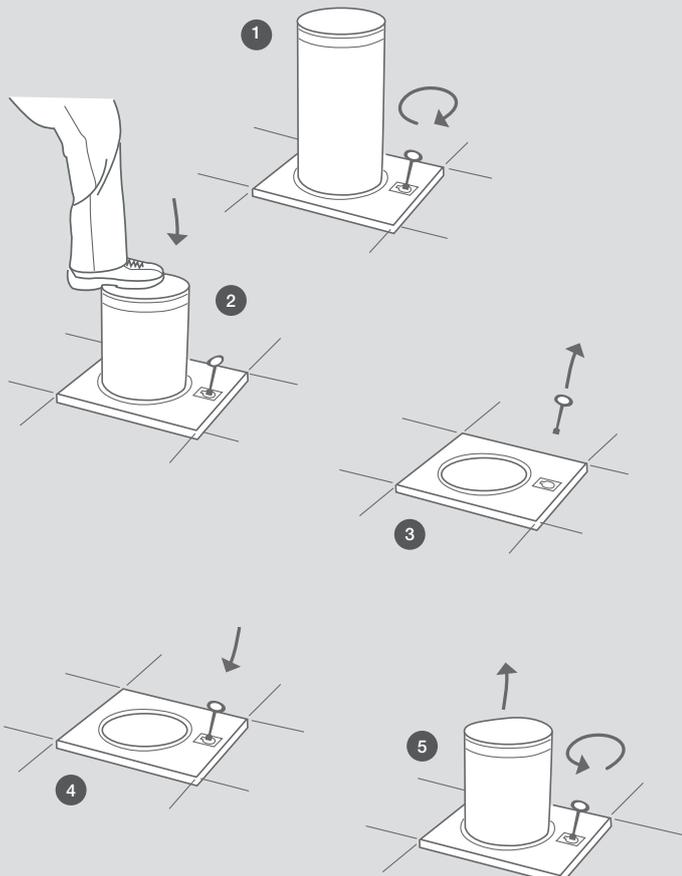
IMPACT RESISTANCE	kJ	Vehicle weight	Speed collision
<input type="checkbox"/> BMEVOE75	96	1,2 Ton	50 km/h
<input type="checkbox"/> BMEVOF75	241	2,5 Tons	55 km/h

- F** Bollard head with customized sleeve
- G** Class II reflective tape
- H** Reinforced push-to-release bar and lock bolt
- I** Gas cylinder
- J** Casing
- K** Cover



Model shown: BMEVOF75 - **Options:** customized steel sleeve, white class II reflective tape, blue illuminated LEDs ring, top cover with locking screws and light diffusers.

OPERATING PRINCIPLE :



- 1** Insert the key in the lock and turn the key clockwise : the bollard unlocks.
- 2** Push the bollard down
- 3** The bollard locks. Remove the key.
- 4** Insert the key in the lock.
- 5** Turn the key counter-clockwise. The bollard unlocks automatically, rises up and remains locked in up position.

OPTIONS

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Lost casing

The lost casing has been designed to preserve a clean and free space during the civil works. It also ensures a proper bollard installation.

Standard lost casing



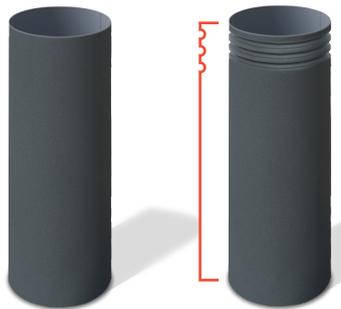
Lost casing with finishing frame



Vandal-proof

Sleeve

Painted steel sleeve*



Cylinder (standard)

Chateaufort

Stainless steel sleeve



Cylinder

Chateaufort

Customized steel sleeve

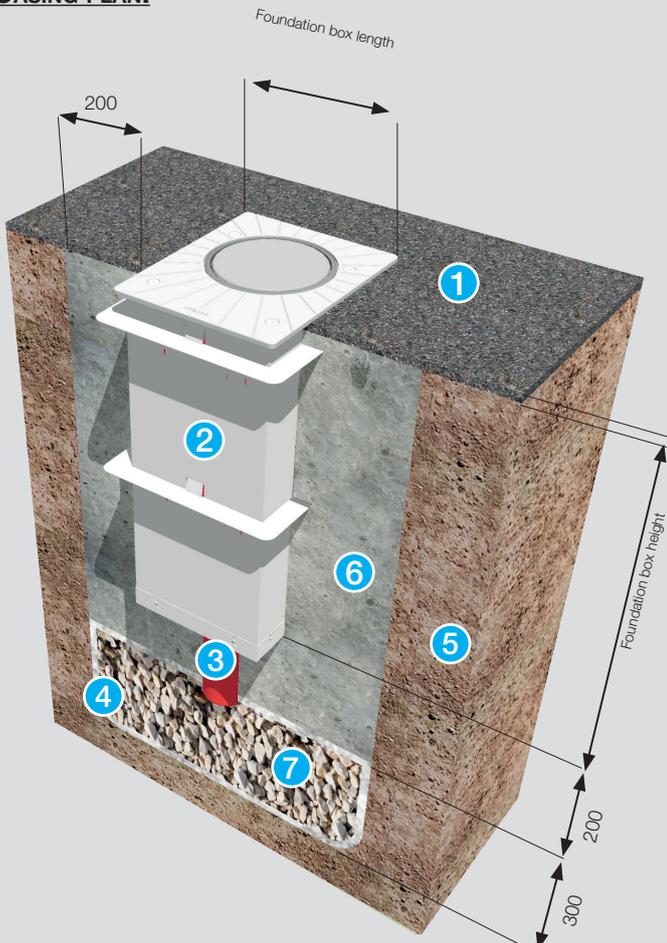


Cylinder

Ø200 H750	<input type="checkbox"/>				
Ø250 H750	<input type="checkbox"/>				

*RAL 7016 in standard, others RAL on request

CASING PLAN:



Visual signalling



Reflective tape colors:

- Painted steel sleeve: White
- Stainless steel sleeve: Yellow
- Option: Red

Top cover

Without light diffusers



Visible screws	Steel (standard)*	Stainless Steel 316L
Ø200	<input type="checkbox"/>	<input type="checkbox"/>
Ø250	<input type="checkbox"/>	<input type="checkbox"/>

*RAL 7016 in standard, others RAL on request

Miscellaneous

- Accessories' kit (2 lifting rings, 1 technical manual)
- Specific imprint (T14, demi-lune, pentagon, type A)
- Specific protective cover (Service key or captive key)
- Extra key

Other available options, see the pricelist.

- 1 Asphalt surface
- 2 Lost casing
- 3 PVC Ø100mm
- 4 Geotextile underlayer
- 5 Natural permeable soil
- 6 3000 PSI or 350 to 400 kg/m3 concrete
- 7 Drain: must be able to drain 20 litres of water in 5min