

# PRODUCT SHEET

Automatic retractable bollard **G6<sup>EVO</sup>**

Built-in hydraulic pump



# CAME URBACO

## DIMENSIONS

□ Ø250 H550 | □ Ø250 H750

## POWER DRIVE (STANDARD VERSION)

Built-in hydraulic pump, allowing to reduce the control cabinet size. The bollard is connected using only two electrical cables. This makes installation and commissioning easier.

**Pump working pressure :** 35 bars

**Voltage in the bollard :** 24V-50Hz / 230V-60Hz

**Maximum power absorbtion :** 330w

**Standard operating temperature range :** from -20°C to +80°C

**Rising time :** 5/7 seconds

**Falling time :** 5 seconds

**Fail safe :** in the event of a power cut, the bollard lowers

**IP67 :** waterproof and dustproof

## 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, semiautomatic and manual retractable bollards.

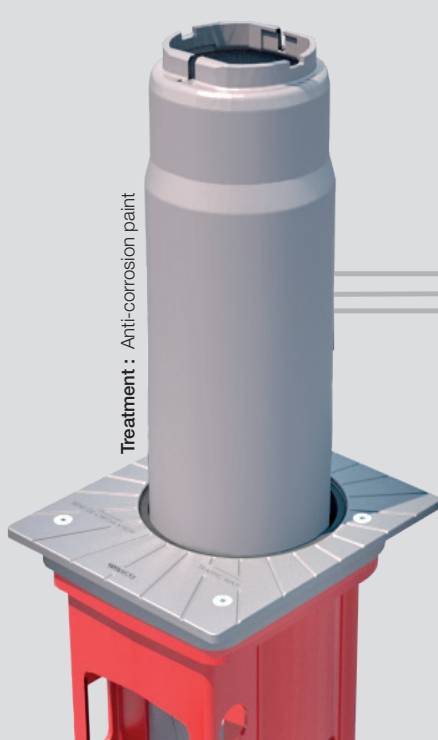
**In compliance with the French PMR decree** - All dimensions comply with the French decree of 18 September 2012 regarding technical specifications for road and public area accessibility, enabling Persons with Reduced Mobility to have the best possible day-to-day travel.

## G6 EVO, THE CONCEPT

The G6<sup>EVO</sup> 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<sup>EVO</sup> bollard has been designed to make on-site sleeve replacement easy and quick, without need of hoisting device.



CAST IRON BOLLARD HEAD



Treatment : Anti-corrosion paint

PAINTED SLEEVE



**Material :** Steel  
**Design :** Cylinder  
**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  
**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

**Options** see the sheet OPTG6EVO

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*Built-in hydraulic pump*



**CAME**   
**URBACO**

## DIMENSIONS (mm)

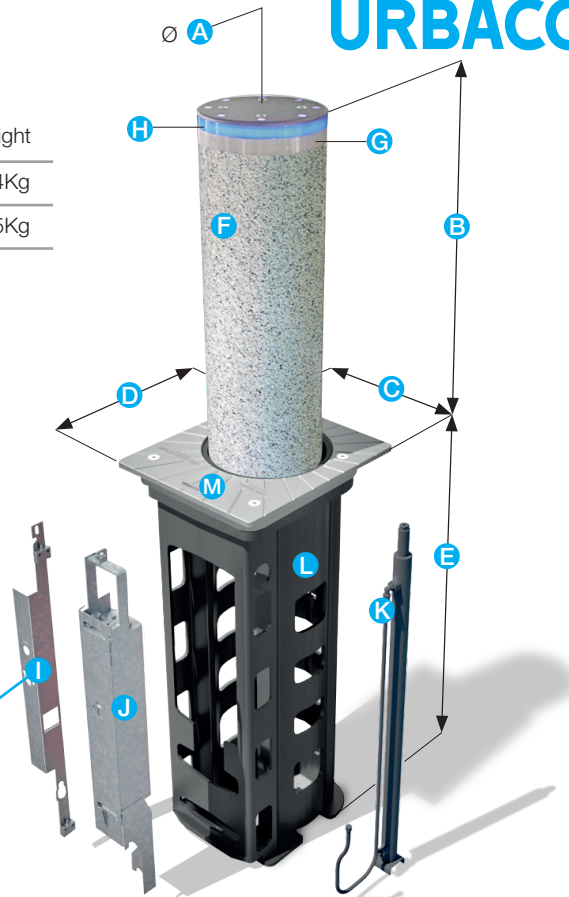
	A	B	C	D	E	Weight
<input type="checkbox"/> BHEEOF55	250	550	385	450	690	134Kg
<input type="checkbox"/> BHEEOF75	250	750	385	450	972	175Kg

## IMPACT RESISTANCE

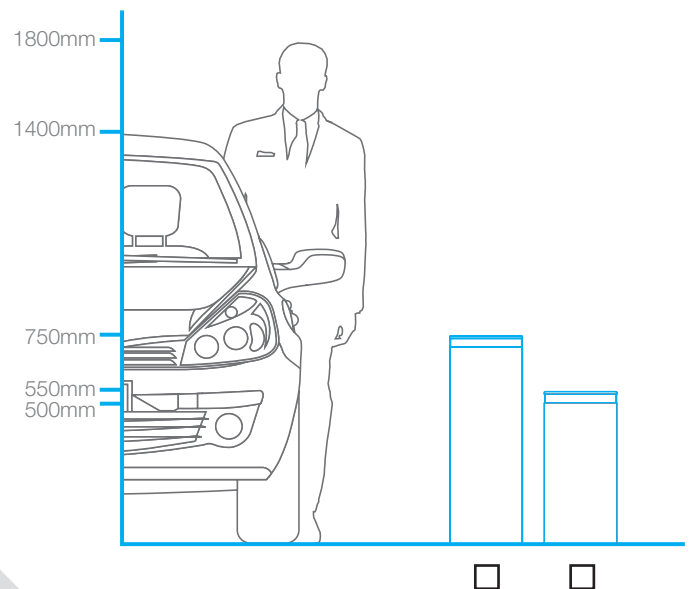
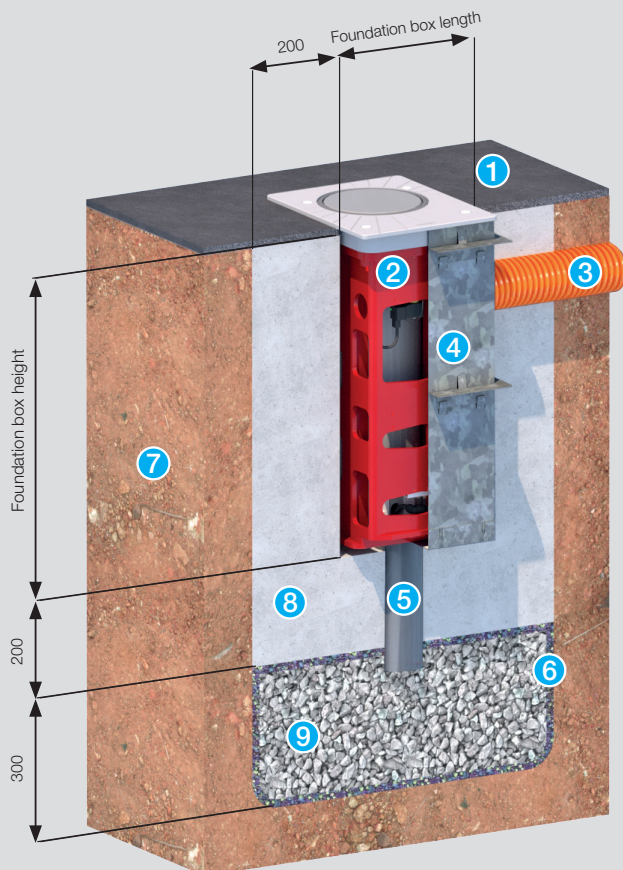
	kJ	Vehicule weight	Speed collision
<input type="checkbox"/> BHEEOF55	241,1	2,5 Tonnes	55 km/h
<input type="checkbox"/> BHEEOF75	241,1	2,5 Tonnes	55 km/h

- F** Bollard head with customized sleeve
- G** Class II reflective tape
- H** Illuminated LEDs ring
- I** Removable accessories bracket
- J** Built-in hydraulic pump assembled to its support
- K** Hydraulic cylinder and hydraulic hose
- L** Casing
- M** Cover

The galvanized steel removable accessories bracket has been designed to include all the necessary elements for the bollard's operation. Inserted inside the casing, the bracket is at hand, easy to pull out, making maintenance easier.



**Model shown :** BHEEOF75 - **Options:** customized steel sleeve, white class II reflective tape, blue illuminated LEDs ring, top cover with locking screws and light diffusers.



- 1** Asphalt finishing surface
- 2** Retractable bollard
- 3** Electrical sheath Ø100mm
- 4** Lost casing
- 5** PVC Ø100mm
- 6** Geotextile underlayer
- 7** Natural permeable soil
- 8** High density concrete
- 9** Drain: must be able to drain 20 litres of water in 5min