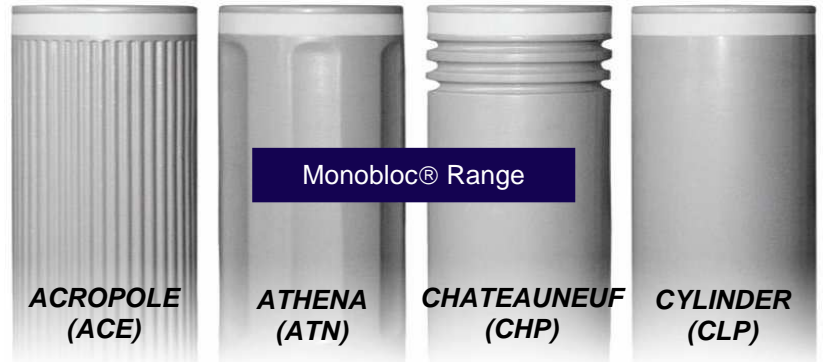


PRODUCT SHEET Automatic Retractable Bollards (BEAs)

Generation 6 Diameter: 250 mm – Height: H 500 and 750 mm



Nîmes city centre, France
Automatic retractable bollard Ø250 H500.



In compliance with France's NF P98-310 standard

Impact Resistance	Life span	Weight
Can withstand the impact of a 2.5-ton vehicle at 45 km/h	4.5 Mio cycles	113 kg (H500) 149 kg (H750)
	Material	Average thickness
	Ductile iron	11 mm

DESCRIPTON

«Generation 6» electro-pneumatic automatic retractable bollard – Heights: 500 mm and 750 mm for a diameter of 250 mm.

It is composed of structural parts, all cast in one piece, the patented Monobloc™ URBACO which ensures everlasting parallelism.

- Monobloc™ casing, thickness up to 24 mm, with sliding rails and mechanical support in the very same block. Gas cylinder with stainless steel stem, with integrated upper and lower buffers.

- Monobloc™ cover with thick plastic ring to guide the bollard's head up and down and reduce friction and noise.

- The bollard head, with a thickness of 11mm, is a solid single piece which integrates the guiding carriage.

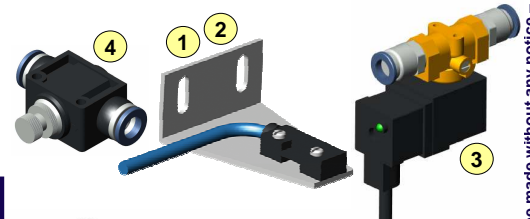
High quality manufacturing without wearing parts is the guaranty of long life operability and extremely low maintenance costs.

The lost casing (in galvanised steel) available as an option will facilitate the embedding of the bollard.

OPERATION

Depending on the PLC programme entered (to be ordered separately). The bollard is actuated down by the user (contactless card, remote control, keypad, etc.)

It will be actuated upward either automatically or manually.



SURFACE FINISH

As a standard:

Primer zinc coating to increase resistance to corrosion and add on adherence to the surface finish.

Thermosetting polyester powder paint, matt finish,

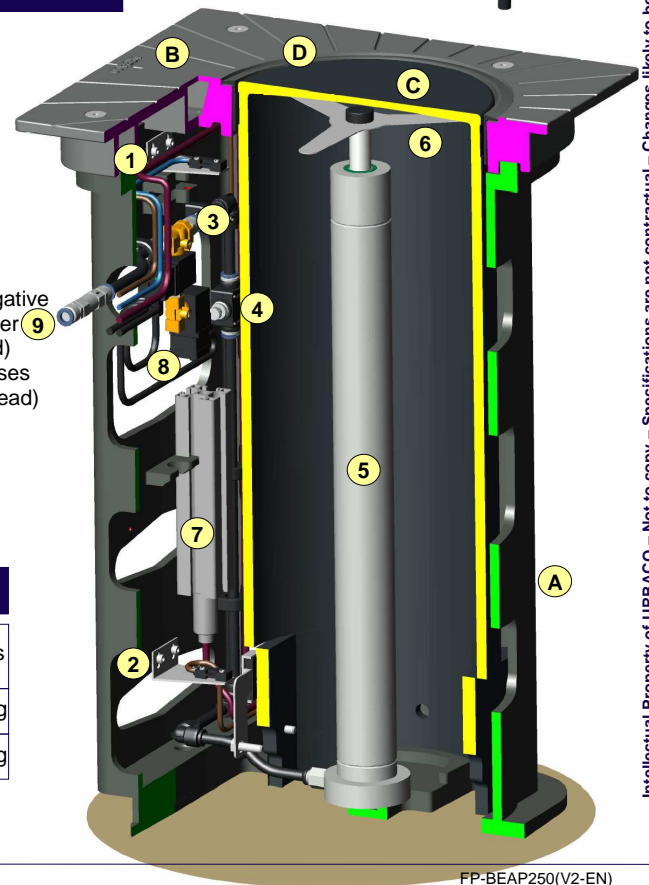
Standard colour: Charcoal grey RAL 7016
Reflective tape band: Class 2 White

COMPONENTS

- A- Casing
- B- Cover
- C- Bollard head
- D- Plastic friction ring
- 1- Upper limit switch sensor
- 2- Lower limit switch sensor
- 3- Solenoid valve
- 4- Air flow regulator
- 5- Pneumatic cylinder
- 6- Braces for pneumatic cylinder
- 7- Heater 24VAC, optional
- 8- Fail-safe device (also called 'negative security', optional; in case of a power outage, the bollard remains upward)
- 9- Anti-return clap (optional; increases resistance to pressure on bollard head)

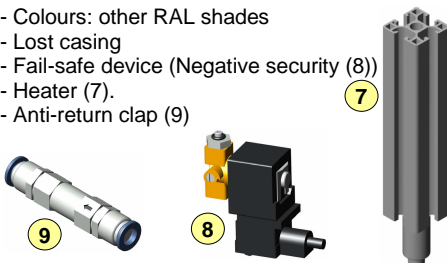
Delivered with:

- 25 m flexible cable 5 x 1 mm²,
- 25 m flexible air tubing,
- 1 x set of pneumatic couplings.



OPTIONS & ACCESSORIES

- Colours: other RAL shades
- Lost casing
- Fail-safe device (Negative security (8))
- Heater (7).
- Anti-return clap (9)



GENERATION 6 PNEUMATIC BEA MODELS Diam. 250 mm

Height upward	ACROPOLE (ACE)	ATHENA (ATN)	CHATEAUNEUF (CHP)	CYLINDER (CLP)	Poids
500 mm	BPACEF50	BPATNF50	BPCHPF50	BPCLPF50	113kg
750 mm	BPACEF75	BPATNF75	BPCHPF75	BPCLPF75	149kg

Z.A. du Couquiou – 84320 ENTRAIGUES – France
Tel. +33 490 480 800 – Fax +33 490 480 088
e-mail : export@urbaco.fr