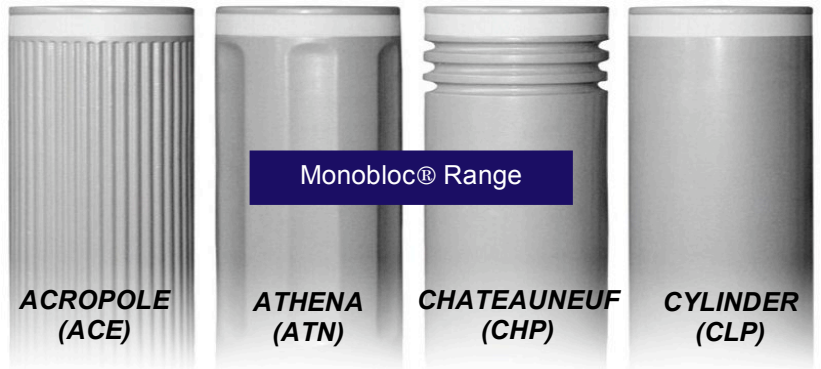


PRODUCT SHEET Automatic Retractable Bollards (BEMs)

Generation 6 9.84 in / H19.6 and H29.5 in



Mechanical retractable bollards 19.6 H29.5



Impact Resistance	Key Types	Weight
Can withstand the impact of a 1-ton car at 52 miles/hour (Bollard 9.84 x H29.5)	▲ 11, ▲ T14, ¾ circle, square	262 lbs (H19.6) 341 lbs (H29.5)
	Material	Average thickness
	Ductile cast iron	.043 in

DESCRIPTION

Generation 6 electro-pneumatic automatic retractable bollard – Heights: 19.6 in and 29.5 in for a diameter of 9.84 in.

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

- Monobloc™ casing, thickness up to 0.94 in, with sliding rails and cross hitch. Gas cylinder with stainless steel stem, with buffers (up/down).

- 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 0.43 in, is a solid single piece which integrates the guiding

The locking mechanism, patented by URBACO, consists of a stainless steel rod and bolting lock with automatic wear compensation.

This ensures the complete long term locking of the bollard in both the upward and downward positions no matter the number of operation cycles.

The keyhole is protected by a bronze flap door. Keys delivered with each bollard have various imprints: ▲ 11, ▲ T14, ¾ circle, confidential.

The lost casing in galvanized sheet steel facilitates embedding. It is available on option.

OPERATION

To open the access to traffic:

Turn the key and unlock the mechanism. Push firmly on the bollard head to make it sink into the ground. Locking once fully retracted is automatic.

To close the access to traffic:

A simple turn of the key will make the bollard rise back by itself and lock in the upward position.

It is recommended that bollard be installed so that wheels do not pass over the bollard head so as to preserve the life span of gas cylinder and locking mechanism.

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 color: Charcoal grey RAL 7016
Reflective tape band: Class 2 White

COMPONENTS

- A- Casing
- B- Cover
- C- Bollard head
- D- Anti-friction ring

- 1- Lock rod
- 2- Bolt of lock
- 3- Small rod and spring
- 4- Dust flap
- 5- Gas cylinder
- 6- Cylinder stem guide
- 7- Key

Delivered with one key of the selected imprint.

BOTIVEDL: long rod with ¾ circle imprint.

BOTIVESA: long rod with special confidential imprint.

BEMs with long rods and ▲11imprints, standard square imprints for fire-fighters, or ¾ circle imprints are operatable with a wrench.

OPTIONS & ACCESSORIES

- Colors: other RAL shades
- Additional keys - Lost casing

SELECT YOUR KEY TYPE

BEMs are delivered with their keys.

The bollard article code must be followed by the code for the selected lock rod imprint:

BOTIVE11: long rod with ▲ 11 imprint

BOTIVE14: long rod with ▲ 14 imprint

BOTIVE11C: short rod with ▲ 11 imprint

MECHANICAL BEM G6 9.84 in MODELS

Height upward	ACROPOLE (ACE)	ATHENA (ATN)	CHATEAUNEUF (CHP)	CYLINDER (CLP)	Weight (lbs)
19.6 in	BMACEF50	BMATNF50	BMCHPF50	BMCLPF50	262
29.5	BMACEF75	BMATNF75	BMCHPF75	BMCLPF75	341

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