

**PRODUCT SHEET Automatic Retractable Bollards (BEAs)**

**HIGH SECURITY VENDOME – D. 250 mm / H700 and 900 mm**

**URBACO**

ISO 14001

**AUTOMATIC BOLLARDS**



**ELECTRO-PNEUMATIC DRIVE**

Customs' House, Sydney, Australia.  
High Security Vendôme Automatic Retractable Bollards Ø250 H700  
With reflective tape band (optional)

Tradition Range

Electro-Pneumatic Drive

Impact Resistance

Video recording and certificate available on request

*In compliance with France's NF P98-310 standard*

Life Span

Weight

4.5 Mio cycles

From 265 kg to 271 kg

Material

Thickness

Steel + 316L  
Stainless Steel

10 mm + 2 mm

**DESCRIPTION**

«Tradition» high security automatic electro-pneumatic retractable bollard Vendôme – Heights: 700 and 900 mm for a diameter of 250 mm. It is composed of structural parts in cast ductile iron: casing, carriage, cross hitch and cover. The 10 mm thick steel bollard head is covered with a 316L stainless steel jacket, 2 mm thick. For increased visibility, a reflective tape band is available as an option.

A thick plastic ring maintains the bollard vertical, guides it up and down as well as reduces friction. The lost casing (in galvanised steel) available as an option will facilitate the embedding of the bollard.

**SURFACE FINISH**

316L stainless steel + passivation (for increased resistance to oxidation) + PG320 polishing.

**OPTIONS AND ACCESSORIES**

- Reflective tape band
- Lost casing,
- Fail-safe device / Bypass valve (8),
- Heater (7),
- Anti-return valve / clap (9),
- Silencer with regulator.

**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.

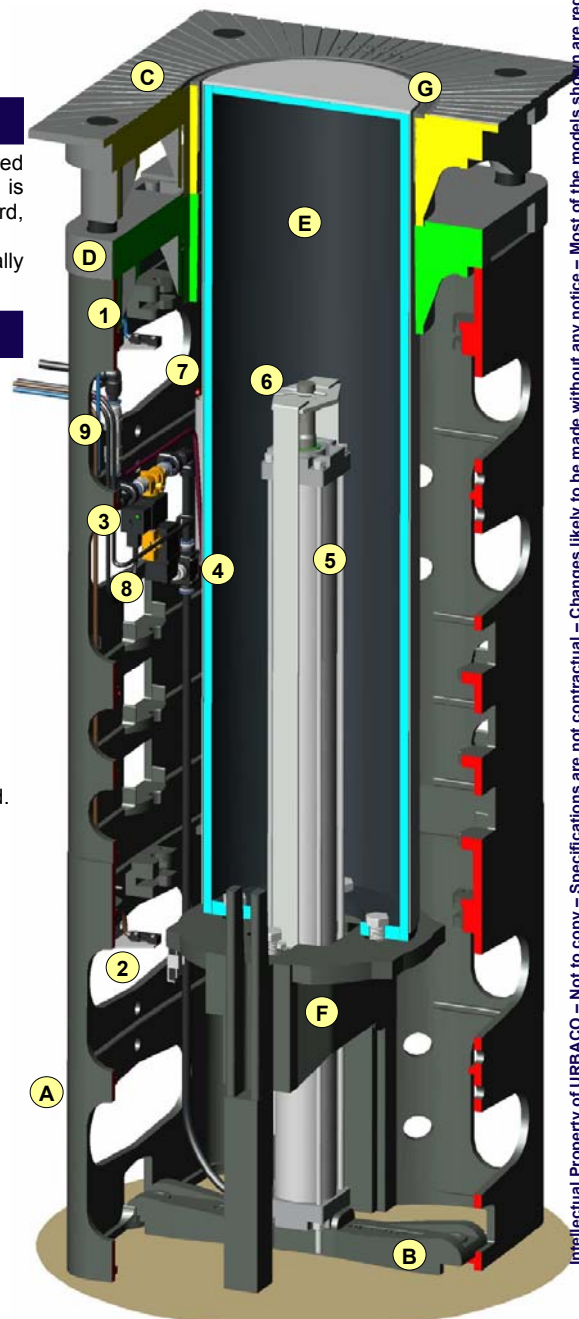
**COMPONENTS**

- A- Casing
- B- Cross hitch
- C- Flat cover
- D- Heavy duty cover
- E- Bollard head
- F- Carriage
- G- Anti-friction ring

- 1- Upper limit switch sensor
- 2- Lower limit switch sensor
- 3- Solenoid valve
- 4- Airflow regulator
- 5- Pneumatic cylinder
- 6- Cylinder braces
- 7- Heater 24VAC, optional
- 8- Bypass valve / Fail-safe device (also referred to as «negative security») optional; in case of a power outage, the bollard remains upward
- 9- Anti-return clap, optional, to increase resistance to pressure over the bollard head.

Pneumatic bollard delivered together with:

- 25 m flexible cable 5 x 1 mm<sup>2</sup>,
- 25 m flexible air tube,
- 1 x set of pneumatic couplings



**HIGH SECURITY BEAs**

| Diam.  | Height upward | VENDOME    |
|--------|---------------|------------|
| 250 mm | 700 mm        | BPCLPF70HC |
| 250 mm | 900 mm        | BPCLPF90HC |

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# PRODUCT SHEET Automatic Retractable Bollards (BEA)

## HIGH SECURITY VENDOME Ø250 mm / H700 & 900 mm



NoKas Bank, Stavanger, Norway.  
 High Security Retractable Vendôme Ø250 H700.

Tradition Range  
 Electro-Hydraulic Drive

**Impact Resistance**  
 Video recording and certificate available at request

*In compliance with France's NF P98-310 standard*

| Life Span       | Weight             |
|-----------------|--------------------|
| 4.5 Mio Cycles  | from 265 to 310 kg |
| Material        | Thickness          |
| Steel + 316L    | 10 mm + 2 mm       |
| Stainless Steel | 20 mm + 2 mm       |

### DESCRIPTION

«Tradition» high security automatic electro-hydraulic retractable bollard Vendôme – Heights: 700 and 900 mm for a diameter of 250 mm. It is composed of structural parts in cast ductile iron: casing, carriage, cross hitch and cover. The 10 mm thick steel bollard head is covered with a 316L stainless steel jacket, 2 mm thick. For increased visibility, a reflective tape band is available as an option.

A thick plastic ring maintains the bollard vertical, guides it up and down as well as reduces friction. The lost casing (in galvanised steel) available as an option will facilitate the embedding of the bollard.

### SURFACE FINISH

316L stainless steel + passivation (for increased resistance to oxidation) + PG320 polishing.

### OPTIONS & ACCESSORIES

- Reflective tape band
- Lost casing,
- Fail-safe device / Bypass valve (8),
- Heater (7),
- Hydraulic flexible tube (7) (♂+♀ couplings, oil, ready for use) to connect bollard to MTC.

### HIGH SECURITY BEAS

| Diameter | Height upward | Thickness | VENDOME     |
|----------|---------------|-----------|-------------|
| 250 mm   | 700 mm        | 10 mm     | BHCLPF70HC  |
| 250 mm   | 700 mm        | 20 mm     | BHCLPF70H2C |
| 250 mm   | 900 mm        | 10 mm     | BHCLPF90HC  |
| 250 mm   | 900 mm        | 20 mm     | BHCLPF90H2C |

### 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.

### COMPONENTS

- A- Casing
- B- Cross hitch
- C- Flat cover
- D- High security cover
- E- Bollard head
- F- Carriage
- G- Anti-friction plastic ring

- 1- Upper limit switch sensor
- 2- Lower limit switch sensor
- 3- Hydraulic cylinder
- 4- Cylinder braces
- 5- Oil distribution
- 6- Heater 24VAC (optional)

Hydraulic bollard delivered with:  
 - 25 m x flexible cable 5 x 1mm<sup>2</sup>.

