

# > A25-90C80

## AUTOMATIC RISING SECURITY BOLLARD - WITHSTANDS THE IMPACT OF A 3.5-TONNE HGV AT 80 KM/H H90 CM - Ø25 CM



**Continuous and intensive operation:**  
3,000 cycles/day

No sensitive elements in the bollard frame

Surfaces exposed to tread made of stainless steel

Operational after a double crash test

Low and simplified maintenance

### STANDARD CHARACTERISTICS

#### • Cylinder:

- Steel treated with zinc plating and epoxy powder coating Ø 25 cm - height 90 cm
- RAL 7016 colour
- Stainless steel bollard top, thickness 20 mm
- Brush seal to prevent scratching on housing
- Class 2 reflective tape

#### • Frame:

- Thick steel floor plate protected by a stainless steel cover plate
- Frame made of 6 mm thick galvanised steel
- Lateral guide with HDPE sliders and rollers
- M16 anchor bracket, strengthening connection to the concrete foundation

#### • Drive system:

- Remote hydraulic drive system (factory connected circuit), the bollard is supplied with 15 m of oil-filled reinforced pipes with push-pull quick coupler
- Low limit switch integrated into the cylinder head, accessible without disassembling the bollard
- Biodegradable hydraulic oil with low viscosity variation

#### • Standards:

- NF P 98-310-compliant
- Dimensions compliant with the French Decree of 18/09/2012 on the accessibility of roads and public spaces



MADE IN FRANCE

## TECHNICAL SPECIFICATION

Drive system	Remote hydroelectric
Resistance	1,851,000 J
Operating time	4 to 6 s
MCBF (number of cycles)	2,000,000
MTBF (hours)	25,000 h
MTTR (min)	30 min
Connection cable	15 m of hydraulic pipes supplied
Paint / Finish	RAL 7016 steel colour
Cylinder dimensions (H-Ø)	900 mm / 250 mm
Floor plate dimensions	430 x 430 mm
IP components	IP67

For information on the power, power supply, temperature and behaviour in the event of a power outage, please refer to the technical module sheet

## CERTIFICATION

**Resistance certified by double crash test with a functional bollard after impact:**



Two 3.5-tonne trucks launched consecutively at 64 km/h and then at 80 km/h



Supplemented by a digital crash test:  
7.5 tonnes at 80 km/h

## OPTIONAL FEATURES

### Security

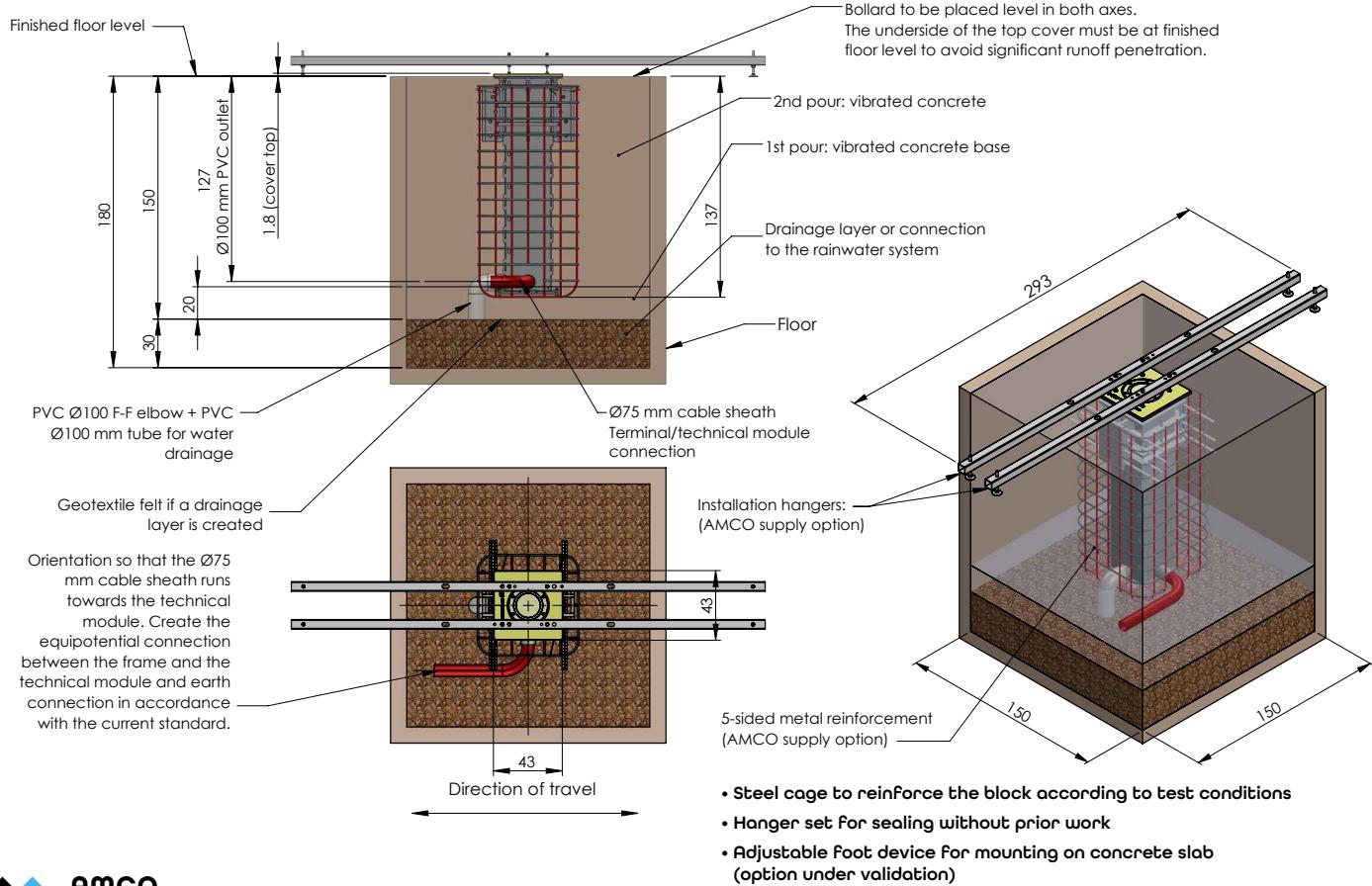
- Top limit switch
- Suspension set allowing sealing without prior work
- Anti-vandalism screws
- Adjustable foot device for laying on concrete slab
- Additional connection cable length
- Snap-off nuts to secure access to the bollard
- Heating system for cold weather or exposure to snow or frost conditions
- Extreme cold oil

### Customisation

- Choice of RAL colours
- Paint with seafront treatment
- Reinforcement
- Customised bollard head
- Installation aid: Installation kit (steel cage feet hanger)

## INSTALLATION

### Installation of the bollard with hangers or adjustable feet in 24 hours without prior structural work



For more information, contact our teams on **+33 (0)4 66 33 25 70** or at [contact@onlyba.com](mailto:contact@onlyba.com) or go to [www.amco.fr](http://www.amco.fr)

