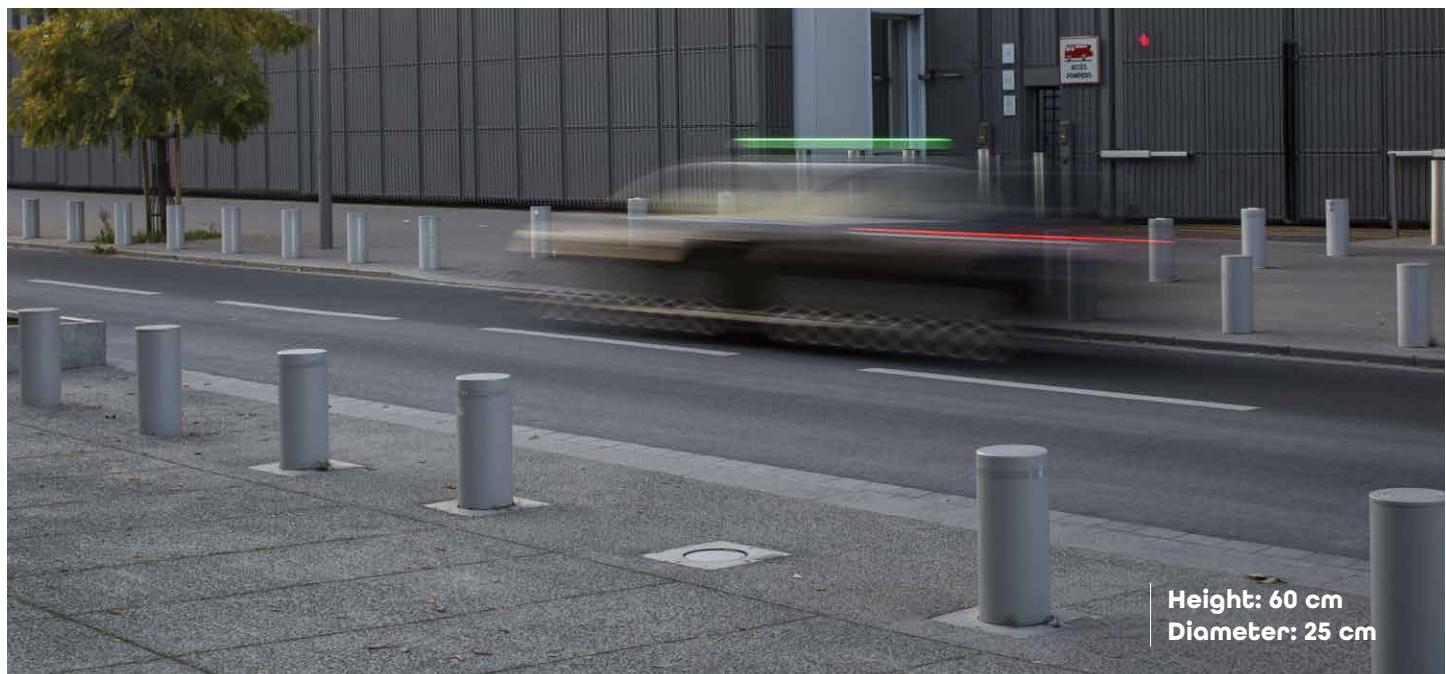


➤ SA25-60 3548

**SEMI-AUTOMATIC RETRACTABLE BOLLARD:
WITHSTANDS THE IMPACT OF A 3.5-TONNE HGV AT 48 KM/H
H60 CM - Ø25 CM**



Multiple finishes available (RAL, stainless steel, lighting)	Surfaces exposed to tread made of stainless steel	Urban resistance and dimensions	Designed for regular operation	Can be connected to the water mains via Ø 100 mm PVC
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STANDARD CHARACTERISTICS

• Cylinder:

- Cataphoresis treated steel and epoxy powder coating Ø 25 cm - height 60 cm
- RAL 7016 colour
- Stainless steel bollard top 10 mm thickness
- Brush seal prevents scratches on the housing
- Class 2 reflective strip

• Chassis:

- 4-point guidance with HDPE slides

• Operation:

- Unlocking by 11-mm triangle lock (Firefighters)
- Operation by compression of a gas spring, automatic raising by release of the spring

• Standards:

- NFP 98-310 compliant
- Dimensions compliant with the order dated 18/09/2012 concerning technical specifications for accessibility of roads and public spaces



➤ SA25-60 3548

TECHNICAL SPECIFICATIONS

Resistance	311,000 J
Paint / Finish	RAL 7016 steel colour
Cylinder dimensions (H-Ø)	600 mm / 250 mm
Floor plate dimensions	500 x 460 mm

In the event of occasional use and/or in the event of repeated vehicle passage over the bollards, we recommend the use of manual bollards

CERTIFICATION

Impact resistance certified by digital crash test:



3.5 tonnes at 48 km/h tested in its automatic version

OPTIONAL FEATURES

Security

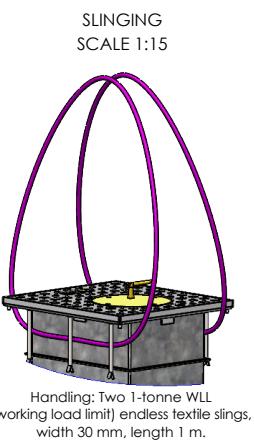
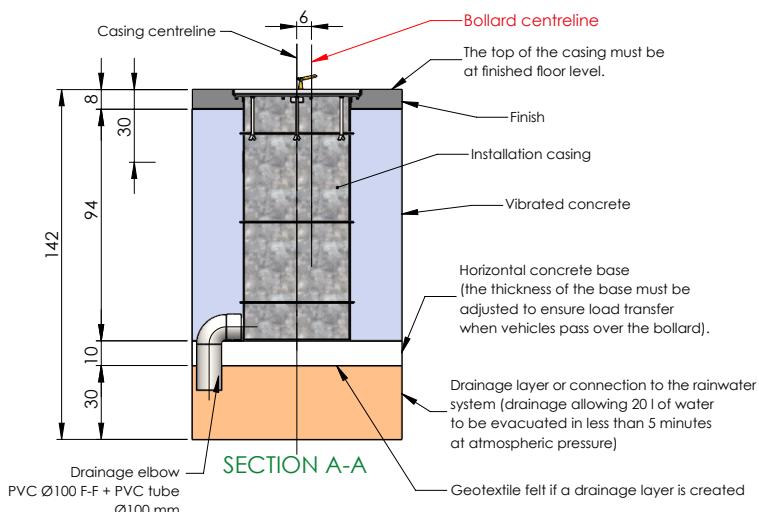
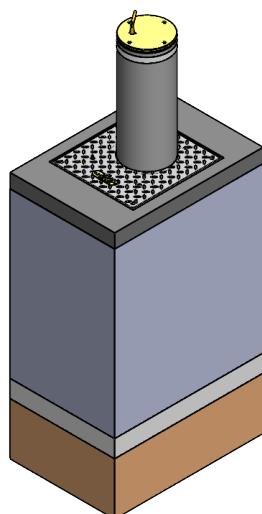
- Anti-vandalism screws
- Secure lock head

Customisation

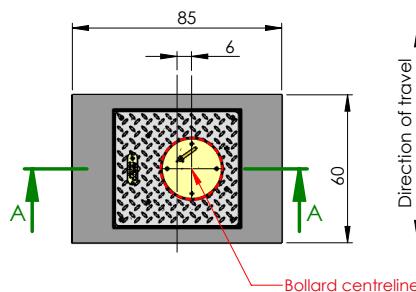
- Brushed stainless steel finish
- Microblasted stainless steel finish
- Choice of RAL colours
- Paint with seafront treatment
- Stainless steel sleeve

INSTALLATION

Installation of the bollard with installation casing



Bollard mass	
SA25-60I-1548-B	185 kg
SA25-60I-3548-B	203 kg
SA25-60A-1548-B	177 kg
SA25-60A-3548-B	195 kg



Put a waterproof protection on top of the bollard to prevent concrete and grouting from entering the bollard during pouring

Important:
The excavation dimensions correspond to the minimum concrete foundation ensuring impact resistance.
Adapt them to facilitate connections or other operations performed by your personnel.

Concrete specifications:

- Ready-mix concrete, at least class C30/37 XF3-S3 according to NFE-EN 206.
- Minimum dimensions of the foundation for firm ground.
- Dimensions to be adjusted according to the site's specific constraints.

