

# **User Manual**

Fixed Bollard: BOL1168-F

Version: 1.0

Date: December 2018

## Details

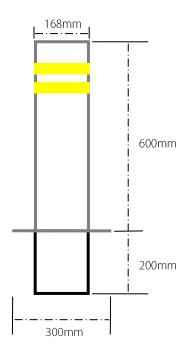


- 1. Reflective strips
- 2. Body
- 3. Flange collar
- 4. Bollard base

### Introduction

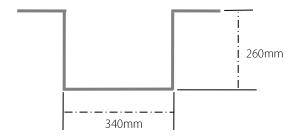
BOL1168-F is a high-quality fixed bollard which used widely to prevent unauthorized vehicles from entering restricted areas. It is commonly found in schools, shopping malls, hotels, or housing estates where traffic guidance is needed to protect pedestrians and property. This product provides ideal access control in the areas mentioned and promotes the level of security.

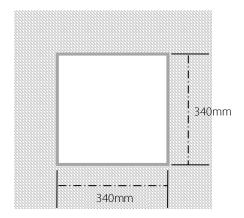
#### Size



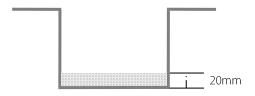
## Installation

Step 1: Dig a hole as shown in the following figures.

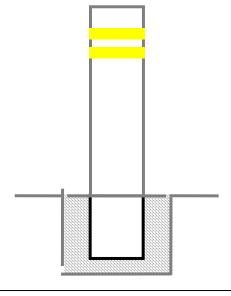




Step 2: Fill the hole with concrete up to 20mm in height.



Step 3: Fill up the rest of the hole with concrete then embed the bollard and fix it firmly into the concrete substrate.



#### **Notes**

- 1. Install the bollard with significant care and attention to detail ensuring that adequate foundation support.
- 2. Keep the embedded bollard still until the concrete is set.
- 3. Avoid sharp objects colliding with the bollard.

## Specifications

Diameter: 168mm

Height from ground: 600mm / customization

Average thickness: 6mm / customization

Embedding depth: 200mm

Material: SUS304

Color of the reflective strips: Yellow

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