



OPTIONS

Methods of installation

- embedded in concrete
- fixed
- removable

Bollard handle

- none
- 1 chain (both sides)
- 1 chain (one side)
- attachment of 2 chains (double-sided)
- attachment of 2 chains (final)

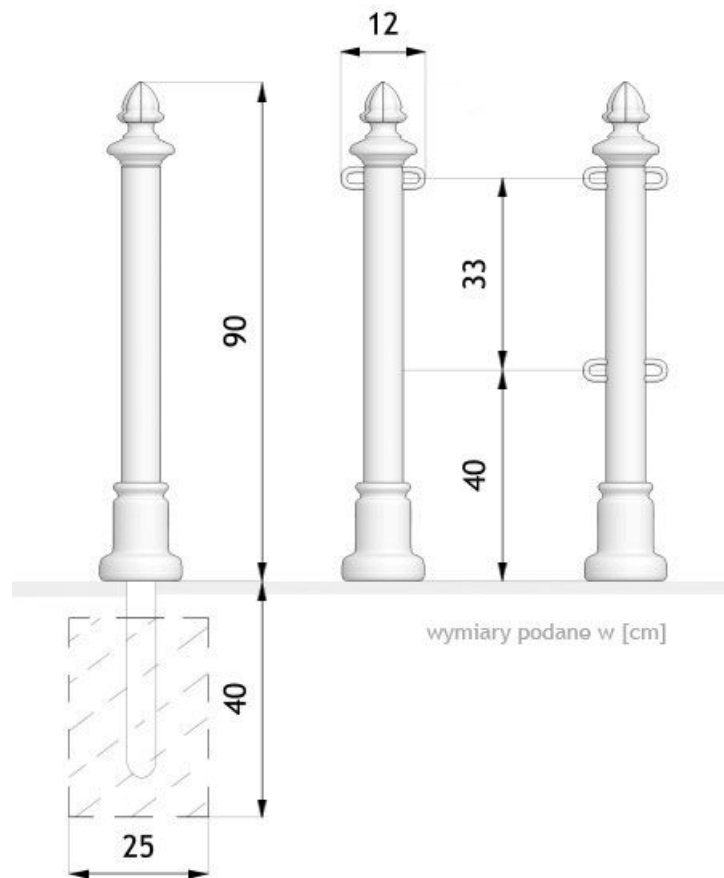
Fence mounts

- single sided
- double sided
- none

DESCRIPTION

There are two ways to install Giorno 02.055 bollard. It can be removable or permanently installed in the **concrete foundation**. The removable version is based on special cylinder situated in the ground. That is the reason why our bollard is great for the **car parks**. Thanks to the classic design this bollard is also ideal decoration for many historical places. What is more, we can also add a special **bollard chain rings**.





GENERAL TECHNICAL DATA

Weight

- 14 kg

Dimensions

- height from ground surface: 90 cm

- height with anchoring section: 130 cm

Materials

- cast iron

- steel tube: 60 mm

ZANO



Product: **Giorno Bollard**

Catalog number: **01.055**

Designer: Tomasz Szpytma

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NOTE: The drawings do not reflect the actual dimensions of the foundation. They are only exemplary assembly schemes taking into account the type of anchoring and the substrate material to which the furniture is to be fixed.

The size of the foundation depends on the local foundation conditions.



INSTALLATION INTO PAVING WITH FOUNDATION

Description of the assembly

1. ZANO product
2. Stone paving / concrete paving / stone slabs / concrete slabs
3. Sand ballast (approx. 2 - 4 cm)
4. Concrete foundation, class C16/20 (top surface concrete 10 cm below paving surface)
5. Ground



MOUNTING TO CONCRETE FOUNDATION

Description of the assembly

1. ZANO product
2. Concrete foundation, class C16/20 (top surface concrete 10 cm below paving surface)
3. Ground



MOUNTING TO CONCRETE FOUNDATION

Description of the assembly

1. ZANO product
2. Fixed hardened surface e.g. concrete or asphalt
3. Concrete foundation, class C16/20 (top surface concrete 10 cm below paving surface)
4. Stone aggregate substructure
5. Sand ballast (approx. 2 - 4 cm)
6. Ground