



Spheroidal graphite cast iron manhole cover D400 h638_187

Circular spheroidal graphite cast iron manhole cover h638_187, class D400. Square/octagonal frame 1100 x 1100 mm.

The **spheroidal graphite cast iron manhole cover D400 h638_187** is a high-performance gully top, compliant with the **UNI EN 124** standard. Made of GJS-500-7 cast iron, this model combines a square/octagonal base frame for stable installation with a circular top for the road surface. The structure includes an **internal "U"-shaped seat** equipped with an elastomer gasket that ensures a noise-reduction and anti-tilting function. The circular cover is hinged to the frame with a safety lock in the open position, but remains fully removable for maintenance operations. A mechanical locking system by means of a **bolted rotating latch** ensures the integrity of the manhole against unauthorized access.

Technical specifications

- **Material:** Spheroidal graphite cast iron GJS-500-7 (EN 1563)
- **Load class:** D400 (UNI EN 124 standard)
- **External frame dimensions:** 1100 x 1100 mm
- **Circular clear opening:** Ø 1000 mm
- **Height:** 100 mm
- **Weight:** 131 kg
- **Company Certification:** ISO 9001:2015
- **Safety:** Rotating latch locking system with spring

Frame Construction Details

- Continuous external perimeter flange with slots for foundation anchoring
- "U" seat with noise-reduction elastomer gasket
- Closed-bottom hinge housing with cover locking at 90°
- Lifting eyes for handling during installation

Cover Construction Details

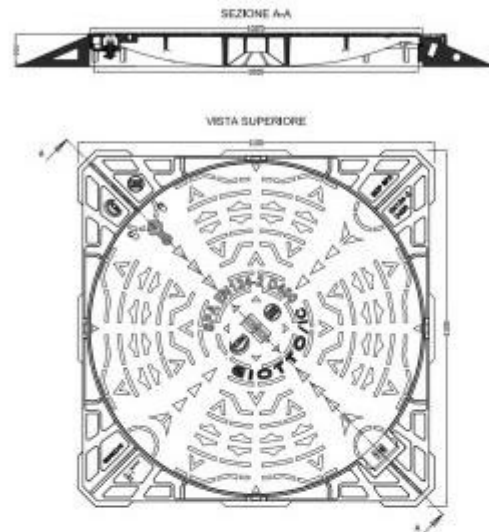
- Self-centering circular shape with non-slip embossing
- Hinged cover and fully removable from the frame
- Closed-bottom slot for opening and lifting key
- Central and circumferential space for lettering customization
- Frame dimensional identifier expressed in cm

** Images for illustrative purposes only*

- Material manhole covers ghisa
- manhole_dimensions 1100 x 1100 mm



Spheroidal graphite cast iron manhole cover D400 h638_187



Spheroidal graphite cast iron manhole cover D400 h638_187

Manhole cover dimensions: 1100 x 1100 mm

Manhole cover material: ghisa