



Ductile iron road manhole cover KN400 h638_189

Watertight manhole cover h638_189 in ductile iron GJS-500-7, class D400. External dimensions 1200 x 1200 cm.

The **ductile iron road manhole cover KN400 h638_189** is a high-resistance crowning device, designed for covering large manholes in areas subject to heavy vehicle traffic. Made of **ductile iron GJS-500-7** according to the EN 1563 standard, it guarantees a breaking load exceeding **400kN** (Class D400). The structure consists of a square frame with a continuous perimeter flange and reinforcing ribs, designed for stable anchoring to the foundation. The distinctive feature is the **internal "U" seat** which, coupled with the cover and filled with suitable materials, ensures odor tightness. The cover features anti-slip patterns and a unique insertion system for maximum stability.

Technical features

- **Material:** Ductile iron GJS-500-7 (EN 1563)
- **External dimensions:** 1200 x 1200 mm
- **Clear opening:** 1100 x 1100 mm
- **Height:** 80 mm
- **Total weight:** 183.00 kg
- **Breaking load:** > 400kN (Class D400)
- **Company Certification:** ISO 9001:2015
- **Finish:** Anti-slip patterns for water drainage

Frame Details

- Continuous external perimeter flange on all four sides for optimal anchoring
- Rounded corners for a larger support base and holes for anchor bolts
- Equipped with structural reinforcing ribs
- "U" seat for odor tightness
- Rounded internal corner for guided cover insertion

Cover Details

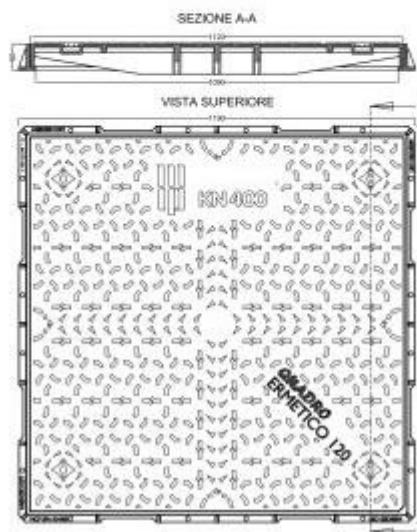
- Closed-bottom slots for lifting keys (preventing debris entry)
- Designated area for logos or customized inscriptions
- Maximum locking depth to prevent rocking
- External dimensions identification expressed in cm on the product
- Unique positioning guaranteed by the rounded corner

INFORMATION

- Material manhole covers ghisa
- manhole_dimensions 1200 x 1200 mm



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Manhole cover material: ghisa