



Ductile iron manhole cover 76.5x140 cm h638_160

Ductile iron manhole cover with bolted rectangular lid, ISO 9001:2015 certified. D400 load class. External dimensions: 765 x 1400 mm. Clear opening: 600 x 1200 mm. Height: 100 mm.

The **h638_160 ductile iron manhole cover** is a high-performance rectangular covering device, designed for the protection and inspection of large technological chambers in areas subjected to heavy dynamic loads. Made of GJS-500-7 ductile iron complying with the EN 1563 standard, the product is certified in class **D400**, guaranteeing suitability for the transit of heavy vehicles and trucks up to 40 tons. The structure stands out for its innovative frame composed of **two semi-frames bolted together**, a construction solution that improves overall stability and facilitates installation. The lid is locked via a **fastening system with bolts** that eliminates the risk of lifting caused by the suction effect of fast vehicles. The technical profile is completed by a **"U"-shaped internal seat**, ideal for housing sealing materials and ensuring perfect tightness against sewer fumes.

Technical characteristics

- **Material:** GJS-500-7 ductile iron complying with the EN 1563 standard
- **Load class:** D400 (Breaking load > 400 kN)
- **External dimensions:** 765 x 1400 mm
- **Clear opening (internal):** 600 x 1200 mm (wide rectangular passage)
- **Total frame height:** 100 mm
- **Total weight:** 140 kg
- **Frame configuration:** Two coupled and bolted semi-frames
- **Anchoring:** Shaped external perimeter flange rounded at the corners with reinforcement ribs
- **Active safety:** Mechanical fastening of the lid via integrated bolts
- **Insulation:** "U"-shaped perimeter groove for odor tightness
- **Surface:** Embossed finish with anti-slip reliefs and area for custom logos
- **Maneuverability:** Lid prepared with slots for standard lifting keys

** Image purely indicative*

INFORMATION

- **Material manhole covers** ghisa
- **manhole_dimensions** 765 x 1400 mm

Ductile iron manhole cover 76.5x140 cm h638_160

Ductile iron manhole cover 76.5x140 cm h638_160

Manhole cover dimensions: 765 x 1400 mm

Manhole cover material: ghisa

