Product Description: Manhole Cover

The manhole cover is installed on the top of the oil tanker; when the internal pressure of the tank rises sharply, the emergency pressure relief device can automatically vent the gas. The cover is equipped with an inlet/exit valve (P/V valve), suitable for light fuels such as gasoline, diesel, and kerosene. A blind hole is provided on the manhole cover for the installation of accessories including optical sensors, vapor recovery valves, and oil level gauges.

Core Features: Characteristics of the Emergency Pressure Relief Device

1. When the tanker truck is operating in a high-temperature environment, the manhole cover can automatically vent the gas within the tank to release pressure, thereby ensuring transport safety.

2. Built-in P/V pressure regulating valve

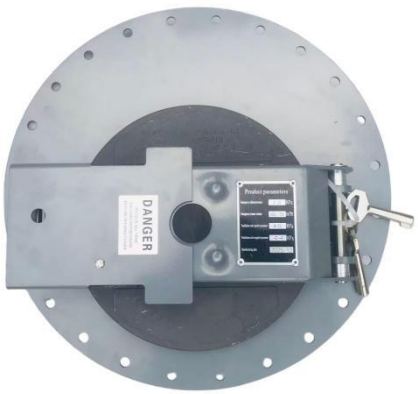
When a pressure differential exists between the interior and exterior of the tank, automatic air intake/ventilation adjustments are performed to comply with both safety and environmental protection requirements.

3. Secondary activation protection design

When activating the upper pressure plate, first release the internal pressure to effectively ensure the safety of the operator.

nominal diameter	16 inches
Emergency pressure activation	21KPa~35Kpa
Maximum discharge rate	7,000 m³/h at 34 kPa
material quality	carbon steel
way to install	flange form
operating temperature range	-40℃~+70℃

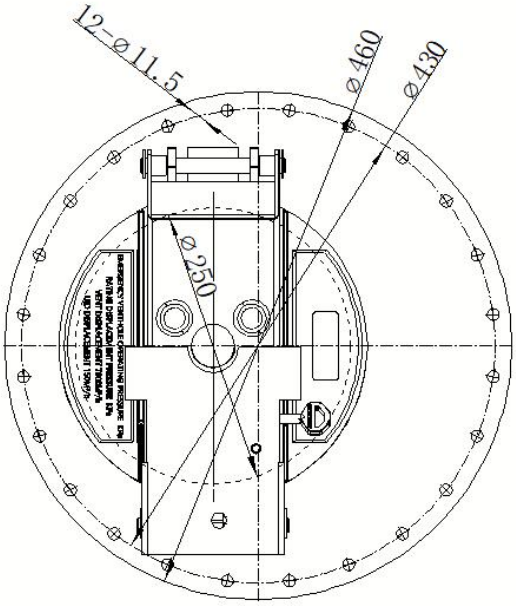
Tank truck component: Manhole cover series GY801C-460

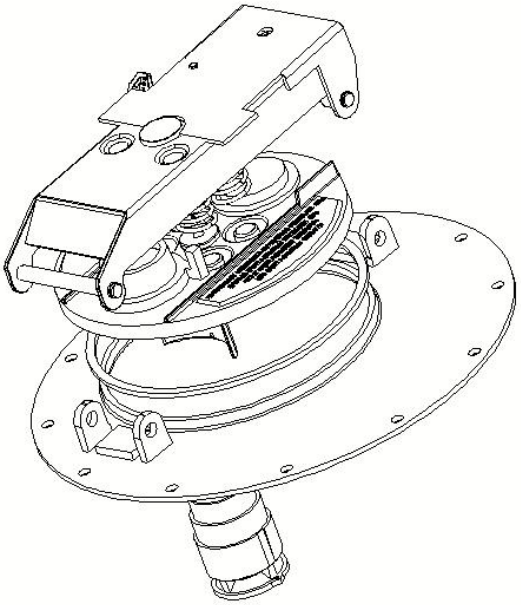


●functional characteristics

1. The large cover plate is fabricated from galvanized steel sheet through stamping, offering impact resistance and oxidation resistance.
2. The use of a DN250 aluminum alloy small cover enables pre-pressure relief, thereby balancing the pressure within the balance tank.
3. Single-or double-P/V pressure valve configurations may be optionally selected according to requirements.
4. Equipped with a dedicated key locking mechanism featuring a vibration-resistant rebound snap-fit, ensuring stable locking, secure sealing, and no leakage.




12-⌀11.5
⌀460
⌀430
⌀250




Tube Doors
Safety Vapor Vents
Tank Vapor Vent
Dust Caps & Plugs with Needles for Hose Tubes
FloTech Overfill Detection
Ladder Stop
Safety Vapor Vents
Snorkeling
API Valve Caps
DESEINOR
FUEL
Tube Doors
API Rivet
Tube Doors
Single Point Vapor Recovery Fuel Drop Co-Axial Elbow
Tube Doors
Tube Doors
Vapor Adapter
Vapor Hose Couplers
VAPOR
FUEL
Two Swivel Adapters
Dust Cap
Drop Hose Pumps