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	20 inches
Emergency pressure activation	21KPa~35Kpa
Maximum discharge rate	7500 m^3/h at 34 kPa
material quality	alufer
way to install	hinge type
operating temperature range	-40℃~+70℃

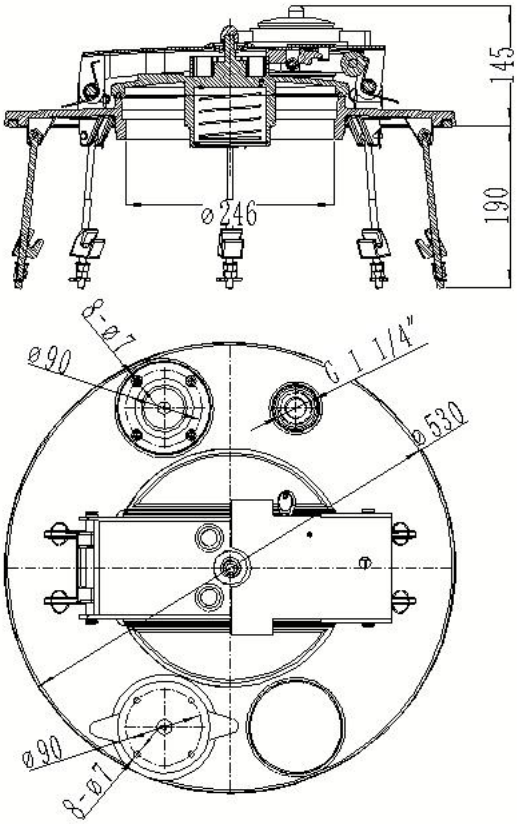
Oil tanker truck components: Manhole cover series GY801M-500

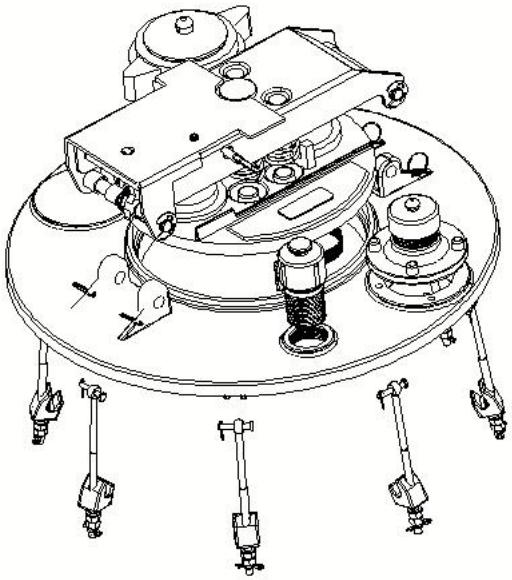


●functional characteristics

1. Both the large cover plate and the small cover plate are fabricated using a casting process, and their surfaces undergo an oxidation treatment.
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.




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