Manhole Cover Product Specifications

The manhole cover is installed on the top of the oil tanker; when the pressure inside the tank rises sharply, it can automatically vent gas through an emergency pressure relief device. The cover plate is equipped with an intake/exhaust valve (P/V valve), suitable for light fuels such as gasoline, diesel, and kerosene. The manhole cover features a reserved blind hole, which can be used to install accessories such as optical sensors, vapor recovery valves, and oil level gauges.

Core Function: Emergency Pressure Relief Device Characteristics

1. When the tanker is exposed to high-temperature conditions, the manhole cover can automatically vent the gas inside the tank to relieve
pressure, ensuring transportation safety.
2. Built-in P/V pressure regulating valve
When a pressure difference exists between the inside and outside of the tank, the system automatically adjusts the air intake and
exhaust processes, ensuring compliance with both safety and environmental protection requirements.
3. Secondary startup protection design
When opening the upper pressure plate, the internal pressure should be released first to effectively ensure the safety of the operator.

Nominal diameter	Nominal diameter
Material quality	Material quality
Alufer	Alufer
Maximum emergency flow	7000m³/h
Temperature range	-40℃~+70℃
Relevant compliance and approval requirements	EU ADR Standards
Emergency fire ventilation openings comply with relevant standards.	NTTC DOT 406
Way to install	Flange connection

Oil tanker truck components: Manhole cover series DRK-560C

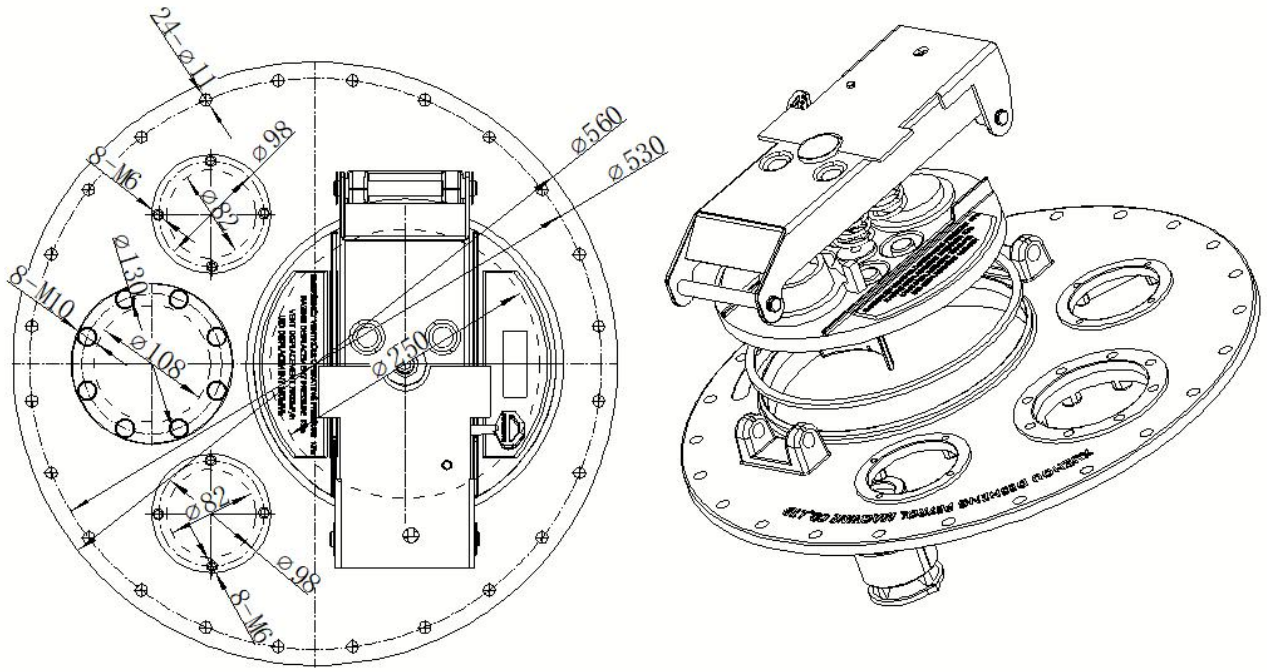


● **functional characteristics**

1.The large cover plate and small cover plate are manufactured using stamping processes, with their surfaces undergoing an oxidation treatment.
2.Equipped with a DN250 aluminum alloy cover, it enables pre-pressure relief and balances the pressure within the balancing tank.
3.Single or double P/V pressure valve configurations can be selected as needed.
4.Equipped with a dedicated key locking mechanism and an impact-resistant rebound bayonet interface, ensuring stable locking and a leak-proof seal.






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Tube Doors
Safety Vapor Vents
Tank Vapor Vent
Dust Caps & Plugs with Handles for Hose Tubes
FloTech Overfill Detection
Ladder Stop
Safety Vapor Vents
Tube Doors
FUEL
API Valve Caps
API Rivet
Tube Doors
Single Point Vapor Recovery Fuel Drop Co-Axial Elbow
Tube Doors
Tube Doors
Vapor Hose Couplers
Tube Doors
Vapor Adapter
VAPOR
Leaded FM Caps
Two Swl Maxims
Dust Cap
Tube Doors
Drop Hose Points
FUEL