Product Description: Manhole Cover

This six-claw quick-open manhole cover is a specialized maintenance and material-handling component designed for tank trucks, material storage tanks, and chemical storage and transportation tank vessels. The entire unit is integrally formed from stainless steel, offering advantages such as corrosion resistance, ease of cleaning, and high-strength sealing. It is widely compatible with various atmospheric/low-pressure tank vessels—including edible oil tanks, chemical liquid tanks, food transport tanks, and hazardous chemical storage and transportation tanks—making it a critical supporting component for tank manhole maintenance, material loading and unloading, and internal cleaning operations. It is also suitable for crystallization media, powdered materials, and light petroleum fuels such as gasoline, diesel, and kerosene.

Core Features: Characteristics of the Emergency Pressure Relief Device

Secondary activation protection design

1. When the handle is activated sequentially, the sealing interface of the large cover gradually releases internal pressure, thereby effectively ensuring the safety of the operator.

2. The upper and lower lids can be opened independently as needed; opening the upper lid in advance allows for a gradual release of residual pressure within the can, thereby balancing the air pressure inside and outside the can.

nominal diameter	20 inches
Emergency pressure activation	0.2Mpa
Maximum discharge rate	7500 m^3/h at 34 kPa
material quality	stainless steel
way to install	Welding of the circumferential joint at the top of the tank
operating temperature range	-40℃~+180℃

Tank truck component: Manhole cover series GY801K-500S3



●functional characteristics

1. Stainless steel mirror-polishing process, combining aesthetic appeal with durability.

2. Six-tooth fast-release locking mechanism: Multiple sets of eccentric locking claws uniformly clamp the sealing surface, ensuring easy operation during opening and closing, as well as stable sealing performance under pressure.

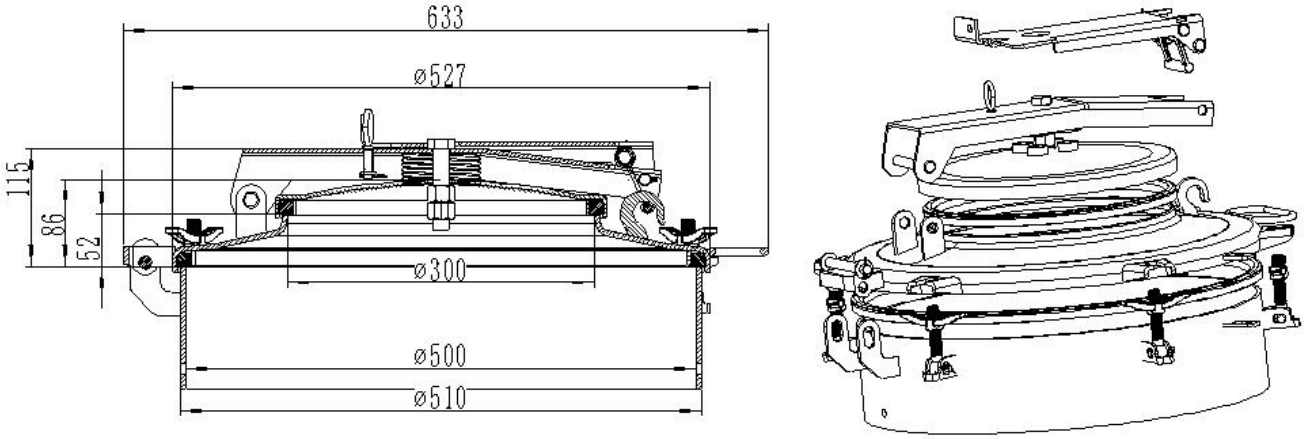
3. The small cover features a self-locking function, allowing it to be opened manually without a key while providing secure locking.

4. Equipped with PTFE sealing, this component features high-temperature and high-pressure resistance, as well as explosion-proof capabilities.

5. The rotating shaft is equipped with an opening angle limiting device, which effectively prevents collision with the tank body during opening.

6. The top cover and bottom cover can be opened independently as needed: the top cover is opened during loading and unloading operations, and the bottom cover is opened during tank inspection and maintenance, ensuring convenient and efficient operation.




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Tube Doors
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Tank Vapor Vent
Dust Caps & Plugs With Handles for Hose Tubes
FloTech Overfill Detection
Ladder Stop
Safety Vapor Vents
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API Valve Caps
API Valves
Tube Doors
Single Point Vapor Recovery Foal Drop Co-Axial Elbow
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Tube Doors
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Two Swl Mpoints
Roll Cap
Drop Hose Pumps
FUEL