
Add:Bali Village Qiaoxia Town, Yongjia County, Wenzhou City, Zhejiang Province, China.

RKG Series Top-Mounted Carbon Steel Safety Manhole Covers – Versatile Solutions for Liquid Transport

Manhole covers are installed on the top of tank trucks, serving as key components for loading, unloading, and ventilation. They are equipped with a vacuum pressure vent valve and an emergency relief valve to ensure the safety of the tank in emergency situations. Under normal conditions, the vacuum pressure vent valve remains closed. However, during fuel loading, unloading, or when temperature fluctuations occur, the pressure inside the tank changes. At this time, the vacuum pressure vent valve will automatically open to release or intake air, maintaining the tank's pressure within the specified range. In the event of an emergency, such as a fire, the emergency relief valve will automatically open to quickly release the internal pressure, preventing explosions and other hazards. Our products meet international standards and have been widely recognized by oil companies around the world as essential safety devices for the transportation of hazardous materials.

Warning:

For the safety of your tank, do not use the vacuum pressure vent valve as a regular vent valve during loading and unloading operations.

Standard:

Meet the NTTC DOT406 Standard
Meet the International GB18564.1 Standard

Material:

Lever, Big Cover & Neck Ring: Galvanized Carbon Steel
Emergency Exhaust Valve: Aluminum Alloy
Seal Ring: Buna-N or Viton for option

Technique Specification:

Setting pressure of vent discharge: 6~12kpa
Negative opening pressure: -2~-4kpa
Pressure of emergency exhaust valve: 21~32kpa
Temperature Range: -20~+50°C

Features:

Galvanized steel: Used for the handle, cover plate, and clamp ring, offering durability and strength.

Low-pressure die-cast aluminum alloy: Used for the emergency relief valve cover, providing high strength and corrosion resistance.

Sealing rings: Available in nitrile rubber (NBR) or fluororubber (FKM) to meet different sealing requirements.

Low-carbon steel: The manhole neck ring is made of high-quality low-carbon steel, ensuring excellent welding performance.

Mounting method: Features a clamp-tight design for quick installation and removal. Comes with a pre-installed manhole neck, simplifying the installation process.

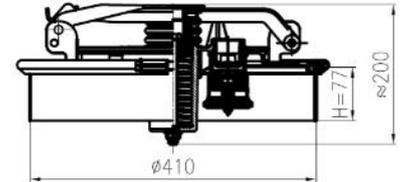
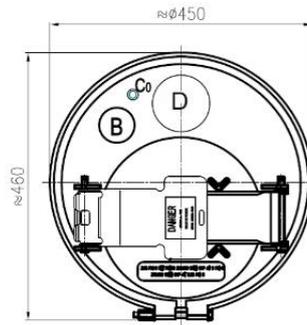
Emergency relief valve: Equipped with a spring-loaded emergency relief valve that automatically opens, complying with international tank truck transport standards (NTTC DOT406), effectively preventing tank explosions.

Leakage prevention: In the event of a rollover, the automatic sealing function of the pressure-vacuum relief valve effectively prevents hazardous fuel leakage, ensuring safety.

Dual-stage safety design: Comes with a safety lock that enables a dual-stage safety opening, ensuring additional safety measures before the emergency relief valve fully opens.

Convenient design: The 250mm (10-inch) emergency relief valve port facilitates the easy insertion of the oil inlet pipe during top loading, enhancing operational convenience.

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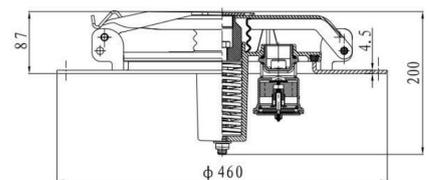
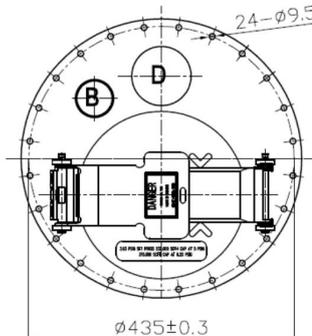


RKG-460TC Series of Clamped Type Carbon Steel Manhole Covers

Ordering Specifications: Big Cover Thickness is 4.5 mm, Neck Ring Wall Thickness is 2.5 mm.

Item No.	Product Name	B	C BSPP1/4"	D
		Probe Hole	Test Hole	Vent Hole
RKG-460TC-BCD	Clamped Type 16 inch Manhole	Yes	Yes	Yes
RKG-460TC-BC	Clamped Type 16 inch Manhole	Yes	Yes	
RKG-460TC-BD	Clamped Type 16 inch Manhole	Yes		Yes
RKG-460TC-CD	Clamped Type 16 inch Manhole		YES	Yes
RKG-460TC-B	Clamped Type 16 inch Manhole	Yes		
RKG-460TC-C	Clamped Type 16 inch Manhole		YES	
RKG-460TC-D	Clamped Type 16 inch Manhole			Yes
RKG-460TC	Clamped Type 16 inch Manhole			

Probe Hole Diameter is 60.3 mm, Vent Hole Diameter is 97.5 mm for RKG-460T Series of Manholes.



RKG-460TB Series of Bolted Type Carbon Steel Manhole Covers

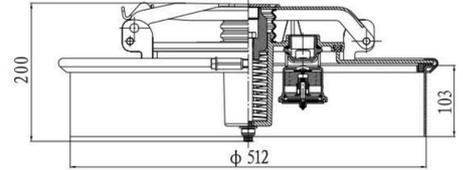
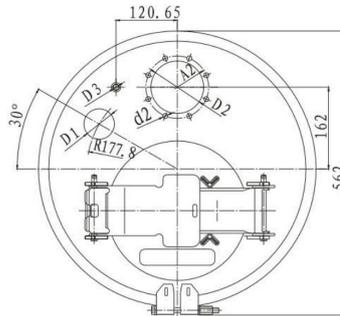
Ordering Specifications: Big Cover Thickness is 4.5 mm.

Item No.	Product Name	B	D	Bolt Hole Dia. 9.5 mm
		Probe Hole	Vent Hole	Bolt Hole Quantity
RKG-460TB-BD-12	Bolted Type 16 inch Manhole	Yes	Yes	12
RKG-460TB-B-12	Bolted Type 16 inch Manhole	Yes		12
RKG-460TB-D-12	Bolted Type 16 inch Manhole		Yes	12
RKG-460B-12	Bolted Type 16 inch Manhole			12
RKG-460TB-BD-24	Bolted Type 16 inch Manhole	Yes	Yes	24
RKG-460TB-B-24	Bolted Type 16 inch Manhole	Yes		24
RKG-460TB-D-24	Bolted Type 16 inch Manhole		Yes	24
RKG-460B-24	Bolted Type 16 inch Manhole			24

Probe Hole Diameter is 60.3 mm, Vent Hole Diameter is 97.5 mm for RKG-460T Series of Manholes.

HB Equipment shall be used in compliance with applicable country, province and local laws and regulations. Products selection shall be based on physical specifications and limitations and compatibility with the environment.

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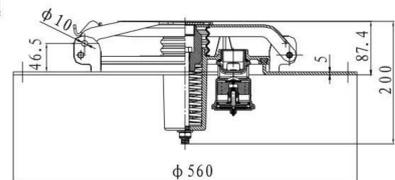
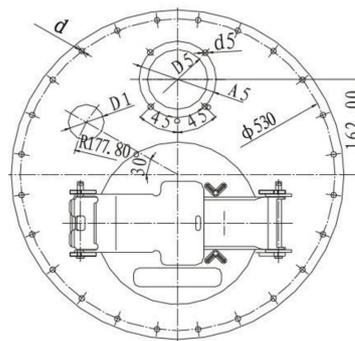


RKG-560TC Series of Clamped Type Carbon Steel Manhole Covers

Ordering Specifications: Big Cover Thickness is 5 mm. Neck Ring Wall Thickness is 2.5 mm.

Item No.	Product Name	B	C BSSPP1/4"	D
		Probe Hole	Test Hole	Vent Hole
RKG-560TC-BCD	Clamped Type 20 inch Manhole	Yes	Yes	Yes
RKG-560TC-BC	Clamped Type 20 inch Manhole	Yes	Yes	
RKG-560TC-BD	Clamped Type 20 inch Manhole	Yes		Yes
RKG-560TC-CD	Clamped Type 20 inch Manhole		YES	Yes
RKG-560TC-B	Clamped Type 20 inch Manhole	Yes		
RKG-560TC-C	Clamped Type 20 inch Manhole		YES	
RKG-560TC-D	Clamped Type 20 inch Manhole			Yes
RKG-560TC	Clamped Type 20 inch Manhole			

Our regular Probe Hole Diameter D1 is 60.3 mm, Vent Hole Diameter D2 is 104 mm. We can also make these hole sizes according to your detailed requirements. The Cover & Neck Ring Thickness can be Customized.



RKG-560TB Series of Bolted Type Carbon Steel Manhole Covers

Ordering Specifications: Big Cover Thickness is 5 mm.

Item No.	Product Name	B	D	Bolt Hole Dia. 9.5/11.5 mm
		Probe Hole	Vent Hole	Bolt Hole Quantity
RKG-560TB-BD-24	Bolted Type 20 inch Manhole	Yes	Yes	24
RKG-560TB-B-24	Bolted Type 20 inch Manhole	Yes		24
RKG-560TB-D-24	Bolted Type 20 inch Manhole		Yes	24
RKG-560B-24	Bolted Type 20 inch Manhole			24

Our regular Probe Hole Diameter D1 is 60.3 mm. We can also make these hole sizes according to your detailed requirements. The Cover & Neck Ring Thickness can be Customized.