Product Description: Oil-Draining Elbow

This product is a specialized quick-connect assembly for oil tank truck bottom discharge, designed for sealed oil transfer between oil tank trucks and underground storage tanks at gas stations. Also known as an oil discharge elbow or oil transfer elbow, its primary purpose is to connect the discharge port of an oil tank truck with a gas station discharge adapter, enabling gravity-based sealed oil transfer for the handling of gasoline, diesel, kerosene, and other petroleum products. The elbow alters the routing of the pipeline and features a 360° rotation function, which prevents hose kinking under pressure, as well as hose twisting, damage, and oil leakage. It is equipped with a sight glass (observation window), allowing operators to visually monitor the flow status of the oil during operation, determine whether discharge is occurring or if there is any overflow, thereby facilitating on-site safety monitoring. The quick-release locking handle enables rapid assembly and disassembly, reducing on-site operation time and lowering the risk of oil leakage.

Core Features:

1. Rotating mechanism: The elbow body can rotate 360°, allowing the hose to swing freely according to the angle, thereby preventing the hose from twisting or kinking, while ensuring that the oil discharge flow rate remains unaffected.
2. Slot-type quick connector: The handle locks in place with a single press, enabling easy installation and removal; it features a radial seal, ensuring reliable sealing performance under high flow rates.
3. Inspection window: A transparent viewing window that allows observation of the oil flow, enables verification of whether oil discharge has been completed, and helps prevent oil overflow from the tank.
4. Modular design: The joint end is replaceable, enabling compatibility with hoses of various specifications and API adapters; this facilitates the maintenance and replacement of components without the need to replace the entire elbow assembly.
5. Explosion-proof design: Fully metal construction, spark-proof, meeting the explosion-proof safety requirements for gas stations.

nominal diameter	DN100
material quality	alufer
working pressure	0.6MPa
working temperature	-40℃ ~ 70℃
rate of flow	Up to 1400 L/min
type of attachment	Slot quick connector
Net weight per unit (kg/set)	5.5-6.5kg

Gas station spare part: Oil discharge elbow DS609

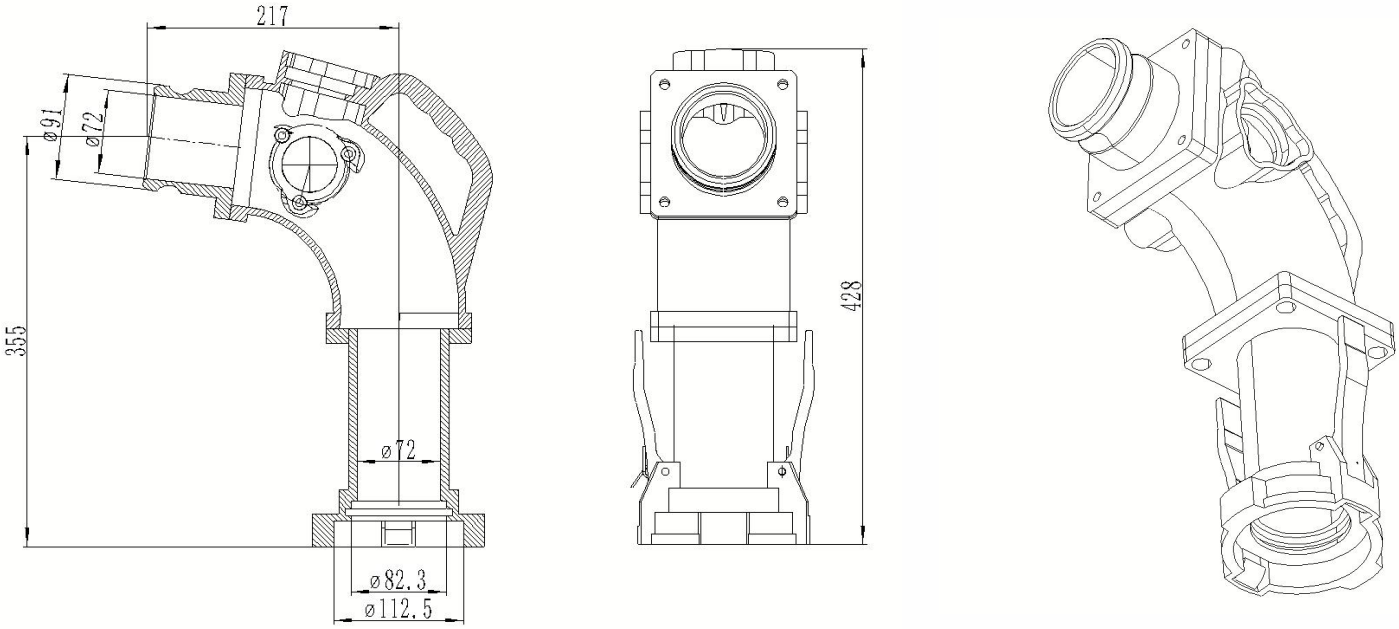


●functional characteristics

1. Utilizing cast aluminum alloy, the component is lightweight, corrosion-resistant, and explosion-proof, making it suitable for oil-related operating conditions.
2. Seals: Fluororubber (Viton) / Nitrile rubber; resistant to gasoline and diesel, resistant to oil-induced swelling, ensuring leak-free sealing performance.
3. Handle: Made of stainless steel, resistant to wear from repeated switching.






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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
Safety Vapor Vents
Sparkling Bead
API Valve Caps
API Rivet
Tube Doors
FUEL
Tube Doors
Tube Doors
Tube Doors
Single Point Vapor Recovery Fuel Drop Co-Axial Elbow
Tube Doors
Hose Nose Couplers
Tube Doors
Vapor Adapter
VAPOR
Leaktite FM Caps
Two Swivel Meaims
Dust Cap
Tulip Doors
Drop Hose Pipings
FUEL