

Suspension Device

This suspension device is a key load-bearing component in cathodic protection systems, primarily used for suspending sacrificial anodes or auxiliary anodes. The entire assembly is constructed from galvanized carbon steel and can be securely clamped to the steel beams or opening edges at the top of the storage tank via side-mounted ring bolt assemblies.

Its core structure balances flexibility and stability: the bottom-mounted fixed pulley not only guides the anode suspension cable to ensure smooth force distribution during lifting operations but also effectively redirects vertical tensile forces. The side L-shaped bent pipe provides additional mechanical support or cable routing space. In practical engineering applications, through the precise coordination of pulleys and bolts, this device enables accurate adjustment and reliable fixation of the anode suspension height, ensuring the anode remains within the optimal protective potential range. Furthermore, this non-welded suspension method avoids compromising the tank structure, offers flexible installation, facilitates future maintenance and replacement, and significantly enhances the efficiency of anti-corrosion maintenance for the inner walls of storage tanks.



KEY FEATURES

- 1.Non-welded Installation, Tank Structure Protection
- 2.Superior Corrosion Resistance
- 3.Pulley + Clamp Dual Mechanism, Easy Adjustment
- 4.Reliable Load Capacity, High Safety Margin
- 5.Modular Design, Maintenance-Friendly

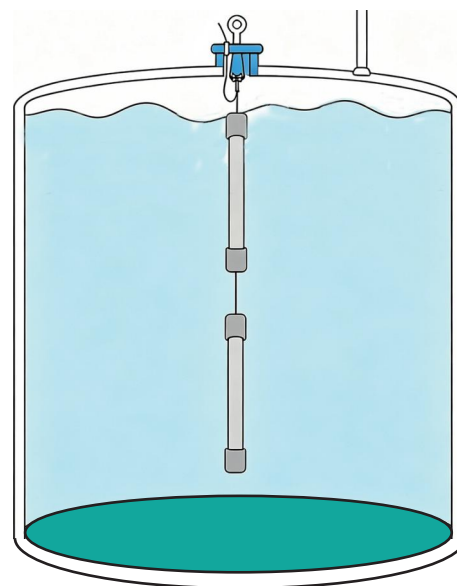
PRODUCT SPECIFICATIONS

Body Material:Zinc-Plated Carbon Steel

Product Size:Customizable

APPLICATIONS

- 1.Crude Oil / Fuel Oil Tanks
- 2.Product Oil Tanks
- 3.Chemical Intermediate Tanks / Benzene, Alcohol Tanks
- 4.Retrofit Projects of In-service Tanks
- 5.Coastal / High-humidity Tank Farms



Installation Diagram