

Electrical Insulation Bearing 6310

This electrical insulation bearing is designed for applications needing electrical isolation and corrosion resistance. It is suitable for use in motors and generators, preventing current leakage.



ADDITIONAL IMAGES



Product Overview

High-Performance Electrical Insulation Bearing

The 6310 electrical insulation bearing is specifically engineered to prevent electrical current from passing through the bearing, protecting critical machinery from damage. Featuring a specialized ceramic coating, it provides robust electrical isolation and resistance against electrical flashover under high voltages. This design ensures reliable operation in demanding industrial environments, effectively mitigating the risks associated with electrical corrosion and discharge.

Technical Specifications

Model Number	6310
Ceramic Coating Thickness	200 μm
Insulation Resistance Capacity	1000 V
Equivalent Insulation Grades	VL0241, VL2071, J20AA

Application Fields

Primary Industry Applications

- Power Industry (Wind, Hydro, and Thermal Generators)
- Railway Industry (Locomotives)
- Machinery and Metallurgy (High-power variable frequency motors)
- Mining Machinery (High-voltage motors for crushers and mills)
- Petrochemical Industry (Explosion-proof motors for compressors)

Compatible Equipment

Wind Turbines • Locomotives • Cranes • Textile Machines • Printing Machines • Compressors • Pumps • Crushers • Ball Mills