

Insulated Bearing 6313 for Wind Turbines

This insulated bearing 6313 is designed for wind power applications. It provides electrical insulation equivalent to VL0241/VL2071/J20AA standards.



Product Overview

High-Performance Insulated Bearing 6313

The 6313 insulated bearing is engineered specifically for wind turbine applications, featuring a specialized ceramic coating that prevents electrical current passage. This protective layer, ranging from 50-200 μ m in thickness, effectively resists electrical flashover at voltages up to 1000V. Designed for durability and reliability, this bearing ensures optimal performance in demanding power generation environments.

Technical Specifications

Voltage Resistance

1000 V

Flashover Resistance

Bearing Type	6313 Insulated Bearing
Ceramic Coating Thickness	200 μ m
Insulation Standards	VL0241, VL2071, J20AA

Industry Applications

Supported Industries

- Power Generation (Wind, Hydro, Thermal)
- Railway & Locomotives
- Machinery & Metallurgy
- Mining Machinery
- Petrochemical Industry

Equipment Compatibility

Industry	Equipment Type
Machinery & Metallurgy	Cranes, Textile/Printing Machines, Rolling/Smelting Equipment
Mining Machinery	Coal Preparation, Crushers, Ball Mills, Grinders
Petrochemical	High-power explosion-proof motors, Compressors