

## Ceramic-Coated Insulated Ball Bearings HDY2

NSK's ceramic coated insulating bearings are designed to support energy efficiency, while effectively contending with the associated risk of electrical current damage to bearings. HDY2 series show optimized insulation and thermal conductivity characteristics. They deliver a reliable contribution to energy efficiency and reduced power consumption.

### Product Features

- Alumina-based ceramic coating material plasma sprayed to ensure bonding to the bearing steel
- Coating sealed with special acrylic resin
- Bearings produced from ultra clean steel for extended fatigue life
- High-grade balls for operation at high speeds
- Super finished raceways
- Open type, with C3 radial internal clearance

### Benefits

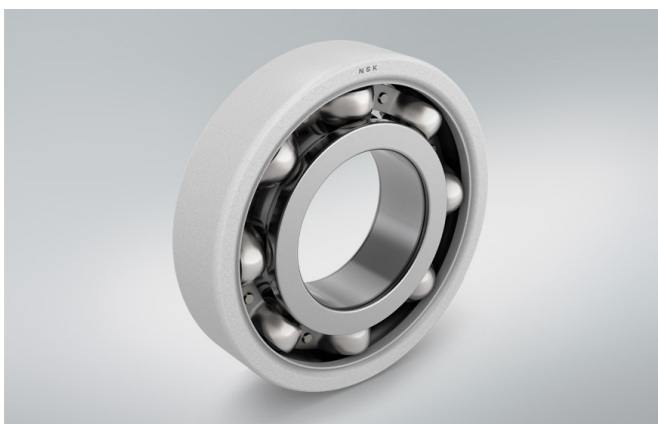
- Effective prevention of electrical corrosion damage
- Superior insulation properties, with performance improved greater than 10 times
- Improved durability, with new optimized coating demonstrating 3 times the shock resistance of conventional ceramic coated bearings
- Excellent heat dissipation
- Dimensionally interchangeable with standard bearings

### Condition Description

- Electrical leakage
- Green environment

### Industries

- Electric Motors



62	16	HDY2	C3
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#### Description

62	Bearing Series
16	Bore Number
HDY2	Current insulated 1000 V
C3	Clearance