

Ball Bearings - Ceramic-Coated

NSK's Ceramic-Coated Ball Bearings with high insulation resistance are optimal for applications that are susceptible to electrical corrosion. Ceramic-coated ball bearings are plasma sprayed to ensure a proper bonding to the bearing steel. The coating is sealed with a special acrylic resin that helps prevent significant deterioration of electrical resistance. These bearings are supplied across the world for industrial motors & generators, traction motors and wind energy applications.

Product Features

- Ceramic-coated bearing ring
- Optimized thickness of ceramic coating
- High durability of the coating due to specific plasma spray process
- Acrylic resin layer to seal the coating and to optimize the insulation capability
- Available with standard bearing dimensions

Benefits

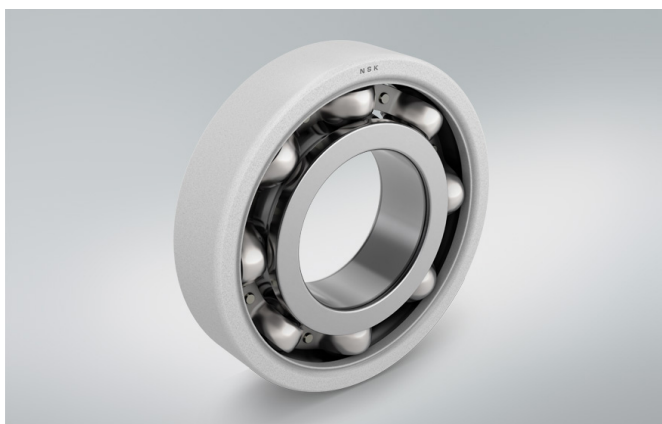
- High insulation resistance
- High cost efficiency due to increased bearing life
- Cost effective when compared to hybrid bearings
- Special preparation of the housing bore is not required

Condition Description

- Corrosive Environment

Industries

- Electric Motors
- Power Generation
- Power Transmission
- Wind Energy



62XX	18	HD2	C3
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Description

62XX	Bearing type and series
18	Bore Diameter
HD2	Ceramic Coated
C3	Radial internal clearance