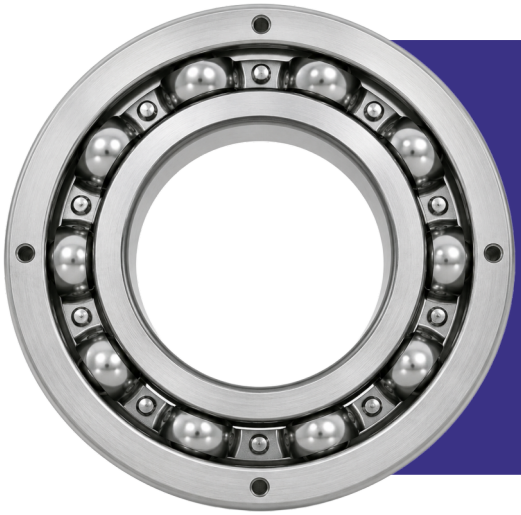
Polymer Coated Insulated Bearings



Electric insulation layer to prevent electrical pitting in the bearings and hence improved bearing life in motor bearings.

Features

- Improves bearing life in electrical current passage
- High insulation resistance even in moist environment
- Preventing creep due to difference in thermal expansion coefficient
- Operating temperature -40 to 200°C
- Easy to mount

Benefits

- Higher operational reliability with cost effectiveness
- Increased machine uptime
- Reduced overall operating costs
- Improves lubricant life
- Insulation over wide range of operating temperature

Application

- E-Motor (Automotive/Industrial/Railways)

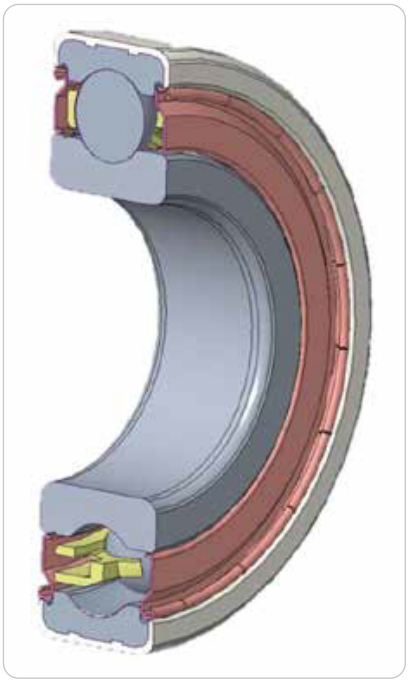
Motor Bearings



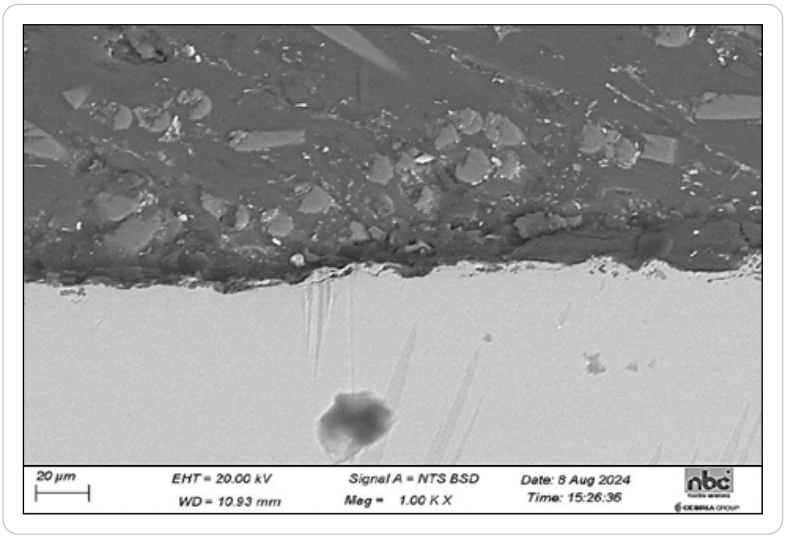
Specifications

- Optimized molded layer thickness (0.5-1.0 mm) to suit insulation requirement
- High dimensional accuracy with post molding machining operation
- High insulation resistance (> 50 M-Ohm)
- Mechanical locking with the substrate material
- No porosity
- Can be applied to ball and roller bearings

Technical Data



Ring Cross Section



Molded Layer Interlocking with No Porosity

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