Ceramic Ball Bearings for Fan Motors

Undesirable voltage potential across bearings (e.g., generated by certain motor speed control techniques) can cause current to flow through its components, causing damaging electrical erosion. A solution to this problem is NSK deep-groove ball bearings with ceramic balls. This specialty bearing insulating properties offer protection from electrical discharge damage.

Product Features

- Extended service life, due to reduced wear and friction
- Electric corrosion protection
- High productivity, due to new ceramic material

Benefits

- Improves the reliability of the application
- Maintains quiet running and increased noise life
- Prevents bearing damage from electric corrosion
- Significant reduction of false brinelling damages (when compared to standard SiN material)

Condition Description

- Arduous Environments
- Low Noise

Industries

- Domestic Appliances