

SiN Bearing Balls



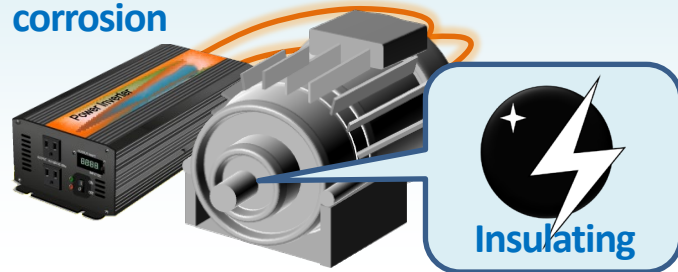
Optimal measure for electrolytic corrosion as Silicon nitride is an insulator. Silicon nitride ceramic bearing balls are insulators and are suitable for preventing electrolytic corrosion of motor bearings under inverter control. It also has high strength, hardness and wear resistance characteristic compared to steel balls, resulting in longer life.

Point 1

Suitable for measures against electrolytic corrosion of motor bearings under inverter control

As Silicon Nitride is an insulating material, electrolytic corrosion does not occur in the bearing of motor under inverter control. It is most suitable for electric corrosion measures for automobiles and industrial motors.

Countermeasures against electrolytic corrosion

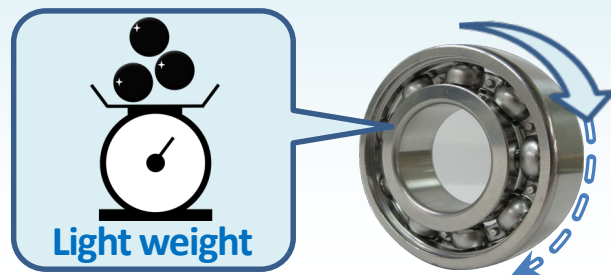


Point 2

High speed rotation by light weight

Silicon nitride is light weight compared to steel and centrifugal during rotation can be reduced. High-speed rotation can be made possible, and improved response at the start can contribute to energy saving.

High speed rotation by light weight



Point 3

Longer life by high hardness and high wear resistance

Silicon nitride has high hardness and high wear resistance characteristics and realize longer life. It has a life of several times more than steel bearing balls and can be used in severe environments and applications where replacement is difficult.

Longer life by high hardness and high wear resistance

