

Insulated bearings

The electric insulation bearing adopts the special spraying process, spraying high-quality coating on the outer surface of the bearing, and has strong bonding force between the coating and the substrate, and good insulation performance. It can avoid the electric current of bearing on the electric current corrosion and prevent the current against grease and rolling elements. The damage caused by raceways increases the service life of the bearings. The process is constantly being improved. In the insulated bearing, there is a 100µm thick coating on the outer or inner ring surface that can withstand voltages up to 1000V DC. The special spraying process can form a layer with uniform thickness and extremely strong adhesion, and after further processing, it can be protected from moisture and humidity.

Product Categories:

Electrically insulated deep groove ball bearings

Electrically insulated angular contact ball bearings

Insulated cylindrical roller bearings

Inner or outer ring insulated bearing with oxide coating

Hybrid bearings with electrically insulating ceramic rolling elements

Size range editing

1, electrical insulation deep groove ball bearings

Diameter size range: 40mm~140mm

Outer diameter size range: 80mm~300mm

Width size range: 18mm~62mm

2, electrically insulated angular contact ball bearings

Diameter size range: 40mm~140mm

Outer diameter size range: 80mm~300mm

Width size range: 18mm~62mm

3, electrically insulating cylindrical roller bearings

Inner diameter size range: 45mm~140mm

Outer diameter size range: 100mm~300mm

Width size range: 25mm~62mm