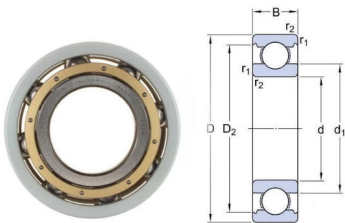


## Electrically Insulated Bearings-6304



## Bearing Designation

|      |             |
|------|-------------|
| OPEN | <b>6304</b> |
| RS   | 6304 RS     |
| ZZ   | 6304 ZZ     |

## Dimension [mm]

|        |    |
|--------|----|
| d      | 20 |
| D      | 52 |
| B      | 15 |
| rs min | 11 |

## Basic load ratings (kN)

|     |      |
|-----|------|
| Cr  | 15.9 |
| Cor | 7.8  |

## Speed ratings (rpm)

|             |       |
|-------------|-------|
| Grease      | 14000 |
| Oil         | 17000 |
| Weight (KG) | 0.145 |

Electrically insulated bearings can prevent the passage of current, so that the bearing itself has insulation.

Insulated bearings use a special spraying process to spray a high-quality coating on the outer surface of the bearing. The coating has a strong bond with the substrate and has good insulation performance. It can avoid the electric corrosion effect of the induced current on the bearing and prevent the current from affecting the grease, rolling elements and The raceway causes damage in order to increase the service life of the bearing.

Whether it is deep groove ball or angular contact, cylindrical roller bearings, tapered roller bearings, and spherical roller bearings, they can all be processed into insulated bearings. General product model 6316 6317 6318 6319 6320 6321 6322 6324 6326 and so on.

The bearing is mainly used in the high-power frequency conversion motor industry, such as wind turbines, cranes, steelmaking machines, coking equipment, thermal power generators and railway industries, etc.