

Ball Bearings Production Business

Description:

Ball Bearings Production Business. Deep Groove Ball Bearings and Roller Bearings Manufacturing Industry

Deep groove ball bearings are the most common type of ball bearing. They are commonly used in electric motors and in household appliances, car motors, office machinery, automation control, and garden and household tools. They have deep raceway grooves and their race dimensions are close to the dimensions of the balls that run inside.

Deep groove ball bearings come in many sizes, materials and varieties according to consumer needs, including special industrial uses such as high-temperature applications. High-temperature bearings are made to withstand temperatures up to 350°C (660°F) and are suitable for machines used in the metals industry or for industrial ovens.

Deep groove ball bearings are among the most widely used type of bearing in the world. They can operate at high speeds and can carry radial and (limited) axial loads. They are commonly used in electric motors, compressors, fans, and conveyors.

Deep Groove Ball Bearing is a common type of bearings and it is used in several industries from heavy machinery to high precision apparatus. This type of bearings consists of four elements that include inner ring, outer ring, cage that holds balls and ball bearings. Because of the flat surface on outer ring and inner ring, Deep Groove Ball Bearings provides a larger area of contact that delivers high performance and high load capacity. Although Deep Groove Ball Bearings come in hundreds of models and sizes with different design and even different material used in inner ring, outer ring and the cage but basically they are categorized in 4 main sections.

For more details download PDF file.

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