

Deep Groove Ball Bearing 6301

This single row deep groove ball bearing is designed for various industrial applications. It features precision-engineered steel rings and balls for smooth and efficient operation, suitable for high-speed use and capable of handling radial and axial loads.



Product Overview

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The 6301 deep groove ball bearing is engineered for high-speed operation and exceptional durability, requiring minimal maintenance. It is designed to handle primary radial loads while simultaneously supporting a certain amount of axial load. This versatile component is widely utilized across precision instruments, low-noise motors, automobiles, motorcycles, and general machinery.

Technical Specifications

Performance Features

- High speed operation
- Low noise
- Long life cycle
- Maintenance-free design

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|---------------|-------------------------------------|
| Bearing Type | Single Row Deep Groove Ball Bearing |
| Load Handling | Radial Load, Axial Load |

Applications

Suitable Industries

Precision Instruments • Automotive • Motorcycles • General Machinery • Electric Motors