

Deep Groove Ball Bearing

This precision-engineered deep groove ball bearing is designed for high-speed applications and radial load support. It features hardened steel races and precision-ground balls for smooth operation and an extended lifespan.



Overview

Deep Groove Ball Bearing 6000

This precision-engineered deep groove ball bearing is designed for high-speed applications and efficient radial load support. It features hardened steel races and precision-ground balls to ensure smooth operation, minimal noise, and an extended service lifespan. Ideal for use in electric motors, gearboxes, pumps, and various industrial machinery, this component is built to withstand demanding operational conditions.

Technical Specifications

Dimensions

| | | |
|------------------------------------|------------------------------------|--------------------------|
| 10 mm Inner Diameter (d) | 26 mm Outer Diameter (D) | 8 mm Width (B) |
|------------------------------------|------------------------------------|--------------------------|

| | |
|----------------|---|
| Bearing Number | 6000 |
| Mass | 0.019 kg |
| Key Features | High-Speed Application, Radial Load Support, Hardened Steel Races, Precision-Ground |

Performance Ratings

Basic Load Ratings

| Type | Rating | Unit |
|-------------------|--------|------|
| Dynamic Load (Cr) | 4.55 | KN |
| Static Load (Cor) | 1.96 | KN |

Limiting Speed

| | |
|------------------------------|---------------------------|
| 29000 r.m.p Grease | 34000 r.m.p Oil |
|------------------------------|---------------------------|