

**JB**

**INDUSTRY STANDARD OF THE  
PEOPLE'S REPUBLIC OF CHINA**

**JB/T 8167-2006**

Replacing JB/T 8167-1996

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**Rolling bearings - Automotive alternator bearings - Technical  
requirements**

滚动轴承 汽车发电机轴承 技术条件

**(English Translation)**

**Issued on: May 6, 2006**

**Implemented on: October 1, 2006**

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**Issued by: Ministry of Industry and Information Technology of the  
People's Republic of China**

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### 1 Scope

This standard specifies technical requirements, measuring and test methods, inspection rules and marking and packaging of sealed deep groove ball bearing for automotive

alternator (hereinafter referred to as "bearing").

This standard is applicable to the production inspection and user acceptance of alternator bearing for automotive.

## 2 Normative References

The following standards contain provisions which, through reference in this standard, constitute provisions of this standard. For dated reference, subsequent amendments to (excluding corrigenda), or revisions of, any of these publications do not apply. However, all parties coming to an agreement according to this standard are encouraged to study whether the latest edition of these documents is applicable. For undated references, the latest edition of the normative document applies.

GB/T 307.1-2005 Rolling Bearings - Radial Bearings - Tolerances (ISO 492: 2002, MOD)

GB/T 307.2-2005 Rolling Bearings - Measuring and Gauging Principles and Methods (ISO 1132-2: 2001, MOD)

GB/T 307.3-2005 Rolling Bearings - General Technical Regulations

GB/T 4604-1993 Rolling Bearings - Radial Internal Clearance (eqv ISO 5753: 1991)

GB/T 8597-2003 Rolling Bearings - Rust Proof Packaging

GB/T 18254-2002 High-carbon Chromium Bearing Steel

JB/T 1255-2001 Specification for Heat-treatment of Rolling Bearing Parts Made from High Carbon Chromium Steel

JB/T 3573-2004 Rolling Bearings - Methods for the Measurement of Radial Internal Clearance

JB/T 3574-1997 Rolling Bearings - Marking for Products

JB/T 5313-2001 Rolling Bearing - Measuring Methods for Vibration (Velocity)

JB/T 5314-2002 Rolling Bearings-Measuring Methods for Vibration (Acceleration)

JB/T 6639-2004 Rolling Bearing Parts - Skeleton Acrylonitrile-butadiene Copolymers Seal - Specifications

JB/T 7047-2006 Rolling Bearings - Specifications of Vibration (Acceleration) for Deep Groove Ball Bearings

JB/T 7051-2006 Rolling Bearing Parts - Methods for the Measurement and Assessment of Surface Roughness

JB/T 7752-2005 Rolling Bearings - Sealed Deep Groove Ball Bearings - Specifications

JB/T 8571-1997 Rolling Bearings - Sealed Deep Groove Ball Bearings - Performance Test

Rule of Dustproofing, Grease Leakage and Temperature Rise

JB/T 8921-1999 Rolling Bearings and Commercial Parts - Inspection Rules

JB/T 10187-2000 Rolling Bearings - Deep Groove Ball Bearing Vibration (Velocity) - Specifications

JB/T 10336-2002 Rolling Bearings and Parts - Supplementary Specifications

JB/T 10337-2002 Rolling Bearing Parts - Pressing Cage - Specifications