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Rolling bearings — Cylindrical roller bearings

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In the event of any doubts arising as to the contents,
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Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee as the result of proposal for revision of Japanese Industrial Standard submitted by The Japan Bearing Industrial Association (JBIA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law applicable to the case of revision by the provision of Article 14.

Consequently, **JIS B 1533:1993** is replaced with this Standard.

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Rolling bearings — Cylindrical roller bearings

Introduction

This Japanese Industrial Standard was established in 1951 and has gone through eight revisions up to the present. The last revision was made in 1993, and the revision at this time is for responding to the subsequent revision of the standards cited as normative references and to the changes in rules for the layout and drafting of JIS standards.

No corresponding International Standard has been established at this point.

1 Scope

This Standard specifies the single row and double row cylindrical roller bearings (hereafter referred to as “bearings”).

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. The most recent editions of the standards (including amendments) indicated below shall be applied.

JIS B 0104 *Rolling bearings — Vocabulary*

JIS B 0124 *Rolling bearings — Symbols for quantities*

JIS B 1511 *Rolling bearings — General code*

JIS B 1512-1 *Rolling bearings — Boundary dimensions — Part 1 : Radial bearings*

JIS B 1513 *Rolling bearings — Designation*

JIS B 1514-1 *Rolling bearings — Tolerances of bearings — Part 1 : Radial bearings*

JIS B 1514-3 *Rolling bearings — Tolerances of bearings — Part 3 : Chamfer dimensions — Maximum values*

JIS B 1515-1 *Rolling bearings — Tolerances — Part 1 : Terms and definitions*

JIS B 1515-2 *Rolling bearings — Tolerances — Part 2 : Measuring and gauging principles and methods*

JIS B 1516 *Marking on rolling bearings and packages*

JIS B 1520 *Rolling bearings — Radial internal clearance*

JIS G 4805 *High carbon chromium bearing steels*

JIS Z 2245 *Rockwell hardness test — Test method*