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

GB/T 20060-2011

Replacing GB/T 20060-2006

**Rolling bearings -- Cylindrical roller bearings, separate thrust
collars -- Boundary dimensions**

滚动轴承 圆柱滚子轴承 可分离斜挡圈 外形尺寸

(English Translation)

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Foreword

This standard was drafted in accordance with GB/T 1.1-2009 given rules.

This standard replaces GB/T 20060-2006 "Rolling Cylindrical roller bearings, separate thrust collars Dimensions", and GB/T 20060-2006, compared the main technical changes are as follows.

- Increasing the diameter series 0 thrust collar dimensions (see Table 1);
- Modify the maximum diameter d1 thrust collar series Part 2 (see Table 1, Table 1 of the 2006 edition);
- Modify the maximum diameter d1 4 part series thrust collar (see Table 1, Table 1 of the 2006 edition);
- Adds enhanced (E- reinforced design) thrust collar dimensions (see Table 2).

This standard uses the translation method identical with ISO 246:2007 "Rolling Cylindrical roller bearings, separate thrust collars Dimensions." Correspondence between the consistency of the standards of international documents and normative references of the following documents.

- GB/T 273.3-1999 Rolling overall program (eqv ISO 15:1998) radial bearings Dimensions
- GB/T 274-2000 Rolling maximum chamfer dimensions (idt ISO 582:1995)
- GB/T 6930-2002 Rolling Vocabulary (ISO 5593:1997, IDT)
- GB/T 7811-2007 Rolling parameter symbols (ISO 15241:2001, IDT) this standard made the following editorial changes.
- Decimal symbol used instead of the symbol " , " . " , " ;
- Deleted international standards foreword.

The standard proposed by China Machinery Industry Federation.

This standard by the National Standardization Technical Committee of Rolling (SAC/TC98) centralized.

This standard was drafted. Luoyang Bearing Research Institute Co., Ltd., Taizhou UTE Bearing Co., Ltd.

1 Scope

This standard specifies compliance with ISO 15 diameter series 0,2,3 and 4 cylindrical roller bearings, separate thrust collars width, maximum outer Diameter, the inner diameter of the hole and the minimum chamfer dimension.

Given the total width and other geometric feature size depends on the bearing internal structure, therefore, this standard does not give requirements.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

ISO 15 Rolling overall program (Rollingbearings-Radialbearings-Boundary radial bearings Dimensions, generalplan) ISO 582 Rolling maximum chamfer dimensions (Rollingbearings-Chamferdimensions-Maximumvalues) ISO 5593 Rolling vocabulary (Rollingbearings-Vocabulary) ISO 15241 Rolling Parameter Symbol (Rollingbearings-Symbolsforquantities)

3 Terms and Definitions

Terms and definitions as defined in ISO 5593 apply to this document.

4 Symbol

ISO 15241 and given the following symbols apply to this document.

Unless otherwise indicated, 1 table values \u200b\u200bshown in Figure 1 and Table 2 symbols shown have indicated nominal size.

B1. Angle ring beyond the width of the inner end surface d. inner diameter d1. outside diameter r1. chamfer dimension r1smin. smallest single chamfer dimension

5 Dimensions

Diameter series (standard design) diameter series 0,2,3 and 4 and 2E and 3E (E-reinforced design) cylindrical roller bearings with separable oblique Collar dimensions specified in Table 1 and Table 2, respectively.

Note: For diameter series 2E, 3E cylindrical roller bearings, code-named "E" indicates bearings with reinforced roller and cage assembly structure, and has a high diameter to carrying capacity.