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

GB/T 27554-2011

Rolling bearings - Insert bearing units - Identification code

滚动轴承 带座外球面球轴承 代号方法

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Foreword

This standard was drafted in accordance with GB/T 1.1-2009 given rules. 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., Pan Branch Bearing Group Co., Ltd., Dongguan TR Bearing Co., Ltd., Zhejiang Jiang Xinchang Bearing Co., Pierre. The main drafters of this standard. Masu Qing, Chenzhi Ting, Li Bin, Fanxin Ying Wu Hai soul. Rolling bearings outside the spherical ball bearing code method

1 Scope

China's national standard for the designation of insert bearing units. It specifies the method of compiling the codes for insert bearings with housings, referred to as bearing units, and for those supplied with accessories, and it applies to bearings for general use. An insert bearing unit is the bearing that is bolted straight onto a machine frame: a wide inner ring ball bearing with a spherical outer surface, held in a housing with a matching spherical seat, so that the unit accommodates the misalignment of a shaft running in two brackets that were never machined in one setting. The inner ring is locked to the shaft with grub screws, an eccentric collar or a taper adapter, and the whole assembly is greased and sealed for life. It is the standard way of supporting a shaft on a conveyor, a fan, an agricultural machine or a piece of process plant, in enormous numbers and almost always as a replacement part. That last point is why the designation matters. When one fails, the person ordering the replacement has the unit in their hand and nothing else, and the code cast or stamped on it has to state which bearing it contains, which housing type it is, how the inner ring locks to the shaft, and what seals and accessories it carries. The standard fixes the composition of the code - the basic code identifying the bearing and the housing to GB/T 7810, JB/T 5303 and their companions, together with the pre-positioned and post-positioned codes that carry the locking arrangement, the clearance to JB/T 5304, the seals, the material and the accessories. Issued on 21 November 2011 and in force since 1

June 2012.

This standard specifies the Outer spherical ball bearings (hereinafter referred to as seat belt bearing) and the preparation method with an attachment seat belt bearing designations. This standard applies to general-purpose Bearings.

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.

GB/T 272-1993 Rolling Code Method

GB/T 6930-2002 Rolling Words

GB/T 7810-1995 Rolling bearings outside the spherical ball bearings Dimensions Supplementary Provisions

JB/T 2974-2004 Rolling Code Method

JB/T 5303-2002 with Block spherical ball bearings complementary structure dimensions

JB/T 5304-2007 Rolling bearings, spherical ball bearing radial clearance

3 Terms and Definitions

Terms and definitions GB/T 6930-2002 defined apply to this document.

4 Bearings code

4.1 Bearings code constitutes Bearings code by the basic code, pre and post code code structure, its order is as follows: Pre-code basic code post code

4.2 Basic Code

4.2.1 Basic configuration code Dimensions comply with GB/T 7810-1995, JB/T 5303-2002 of bearings, the basic code by the seat belt bearing structure type Code, size series code, bore the code structure, according to the order specified in Table 1. Table