

ICS 21.100.20
CCS J 11



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

GB/T 29719-2013

Rolling bearings -- Linear motion rolling bearings -- Vocabulary

滚动轴承 直线运动滚动支承 词汇

(English Translation)

Issued on: September 18, 2013

Implemented on: June 1, 2014

Issued by: Standardization Administration of China

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Foreword

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

This standard uses the translation method identical with ISO 24393:2008 "Rolling Linear motion rolling bearings vocabulary." this standard also made the following editorial changes.

- Remove the International Standard Text in the French text;
- Increased and title Chapter 3, Chapter 4 reg number;
- Increased Chinese index.

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 Science & Technology Co., Ltd., Luoyang Bearing Research Institute Co., Ltd.

Introduction

ISO 5593 [1] provides only for the term three linear motion rolling bearings field. But in recent years, many manufacturers have developed and produced Various types of linear motion rolling bearings and linear guidance systems.

Therefore, the early development of this standard is intended to be able to unify and clear linear guide systems, linear motion rolling bearings, components, parts, accessories and

the name of technology.

Rolling Linear motion rolling bearings Glossary

1 Scope

This standard specifies the terms linear guide systems, linear motion rolling bearings and related components, parts, accessories and art.

This standard applies to linear motion rolling bearings.

2.1 General

This standard follows the ISO 10241 [2] principles and rules, "the vocabulary of architecture" to "alphabetical index of the structure" clause elaborate.

2.2 Lexical Structure

Words include.

- a) terms and their definitions, arranged according to the sequence number system;
- b) index numbers and graphics-related terms;
- c) glossary and index numbers in alphabetical order.

Structure 2.3 Terms and definitions Terms and definitions into groups and subgroups, according to the system sequence number order.

Each group consists of two-digit sequential number, for 01 to boot the system from the start.

Each group was divided into sub-groups, each sub-group composed by a four-digit sequence number, the first two digits of their group number.

Each entry consists of a six-digit index number, for the first four digits of its sub-group number.

2.4 Structure of entry

Each entry includes an index number, terms and their definitions may also include notes and (or) picture number references.

Index number and terms printed in bold. Some entries in the term after the qualifier in normal font printed in angle brackets in the table Definitions of terms illustrates the scope of use or for special purposes.

2.5 Use blackbody

When defining or injection printed in bold terms that appear in the definition of other entries in the vocabulary, it is only the first occurrence of each entry.

When using printed in bold.

Each such terms and the corresponding entry in the index number of the letters included in the index are used in bold print.

Structure 2.6 graphics Arranged in order of terms it represents the graphic principle.

Each graphical representation generally linear motion rolling bearings, components or parts of a plurality of models existing examples, including related terms the index number. In most cases, the graphics is simplified, eliminating unnecessary details.

2.7 Alphabetical index structure

Alphabetical index includes all terms and entries in the corresponding index number.