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

GB/T 28281-2012

**Plain bearings -- Quality characteristics -- Statistical process
control (SPC)**

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Foreword

This standard rule according to GB/T 1.1-2009 given draft.

The standard translation method using equivalent international standards ISO 12302.1993 "bearing quality characteristics of statistical process control (SPC)".

The standard proposed by China Machinery Industry Federation.

This standard sliding bearing by the National Standardization Technical Committee (SAC/TC236) centralized.

This standard is drafted by. Productivity Promotion Center in the machine.

Participated in the drafting of this standard. Zhejiang Jiang Xianfeng Automobile Parts Co., Ltd., Ningbo Bearing Factory, Dongfang Bearing Co., Ltd. Lin'an.

GB/T 28281-2012/ISO 12302.1993

Bearing quality characteristics of statistical process control (SPC)

1 Scope

This standard specifies the sliding bearing through statistical process control (SPC) to ensure that the GB/T 27939 specified in (a thick bush

Except) the quality characteristics.

SPC applies to geometry features, but does not apply to bearing performance characteristics.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated edition applies to this article

Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 27939-2011 quality sliding bearing geometrical and material quality characteristics of control and inspection (ISO 12301.2007,

IDT)

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1

Quality characteristics qualitycatachrestic

Bearing characteristics possessed by quality.

3.2

Statistical Process Control statisticalprocesscontrol

In the process to control product bearing quality characteristics through statistical methods, to enable them to meet the quality requirements.

4 statistical process control methods

Statistical process control methods for a given product may vary, it is necessary to discuss determined by the manufacturer and the customer.

5 statistical process control quality characteristics selection

The slide bearings use, function, manufacturers and customers in accordance with Table 1 for the SPC to select and specify certain characteristics.

Note. It should be noted in Table 1, the characteristics specified in the matrix can be used as a reference.

6 geometric quality characteristics

According to the order of GB/T 27939-2011 specified characteristics, these characteristics are listed in the form of a matrix form.

Quality characteristics into three categories.

--- "Yes" means is preferred;

GB/T 28281-2012/ISO 12302.1993

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