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

GB/T 34633.3-2017

Plain bearings -- Pedestal plain bearings -- Part 3: Centre flange bearings

滑动轴承 壳体支撑滑动轴承 第3部分：居中法兰式滑动轴承

(English Translation)

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Foreword

GB/T 34633 "plain bearing shell bearing" is divided into three parts.

--- Part 1. Block type plain bearings;

--- Part 2. Offset flanged plain bearings;

--- Part 3. Central flange bearing.

This section GB/T 34633 Part 3.

This section uses redrafted law to amend the use of international standards ISO 11687-3:1995 "sliding bearing shell bearing plain bearings Part 3. Central Flanged Bearings".

This part of ISO 11687-3:1995 technical differences.

--- On the normative references, this section made a technical difference with the adjustment to adapt to China's technical conditions, adjust the situation Concentration reflected in Chapter 2 "Normative references", the specific adjustments are as follows.

- Equivalent to the international standard GB/T 131 instead of ISO 1302;

- Equivalent to the international standard GB/T 1184 instead of ISO 2768-2;

- Equivalent to the international standard GB/T 1804 instead of ISO 2768-1;

- Equivalent to the international standard GB/T 6414 instead of ISO 8062;

- Equivalent to the use of international standards GB/T 9439 instead of ISO 185;

- GB/T 11352 modified to adopt international standards instead of ISO 3755;

--- Chapter 3 increased the form of bearing insulation code to improve the description of the bearing type;

--- Chapter 6 "Materials", as a result of ISO 630:1980, ISO 683-11:1987, ISO 426-1:1983, ISO 426-2:1983 Obsolete, and there is no corresponding material grades in our country, so the domestic industry is using our standard GB/T 699, GB/T 1174, GB/T 1348, GB/T 8740

and GB/T 17107 in the material grades instead of the corresponding material in the international standard Material grades, in order to adapt to the actual production and use of the country; in this standard reference to the contents of national standards and international standards Corresponding content the same conditions, the use of non-equivalent national standards GB/T 9439 and GB/T 11352, respectively, instead of international standards ISO 185 and ISO 3755, to meet the needs of the exchange of standardization work.

--- According to China's actual production and use, an increase of 35,45 models of the central flange-type plain bearings and shaft design Features to expand the standard applicability.

This part is proposed by China Machinery Industry Federation.

This part of the National Standardization Technical Committee of the sliding bearing (SAC/TC236) centralized.

This section is responsible for the drafting unit. Machine Productivity Promotion Center, Zhejiang Branch Bearing Technology Co., Ltd. Shanghai Branch.

Participated in the drafting of this section. Hunan Zonta Industrial Technology Co., Ltd., Zhuji City, Zhejiang Bearing Plant Co., Ltd., Zhejiang Province axis Watts Co., Ltd., Dongfang Electric Group Dongfang Electric Co., Ltd., Harbin Electric Works limited liability company sliding bearing division.

This part of the national standardization of sliding bearings Technical Committee is responsible for interpretation.

Sliding bearing housing supports plain bearings Part 3. Centered flanged plain bearings

1 Scope

GB/T 34633 provisions of this part of the model 9 ~ 28 and 35,45 center flange-type plain bearings and shaft design feature.

This section applies to the motor and turbine and other rotating machinery center flange bearing.

2 Normative references

The following documents are indispensable for the use of this document. For dated references, only the dated version applies to this article Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB/T 131 Geometrical Product Specifications (GPS) Technical Product Documentation Representation of Surface Structures (GB/T 131-2006, ISO 1302:2002, IDT) GB/T 699 high-quality carbon structural steel GB/T 1031 Geometrical product specifications (GPS)

Surface texture Profile method Surface roughness parameters and their values GB/T 1174
Cast bearing alloy (GB/T 1174-1992, ISO 4382-1:1991, NEQ) GB/T 1184 Tolerances on
shape and position Tolerance values (GB/T 1184-1996, eqvISO 2768-2:1989) GB/T 1348
ductile iron parts (GB/T 1348-2009, ISO 1083:2004, MOD) GB/T 1804 General tolerances
Tolerances for linear and angular dimensions without tolerance (ISO/IEC 1804-2000,
eqvISO 2768-1.

1989)

GB/T 6414 casting dimensional tolerances and machining allowance (GB/T 6414-1999,
eqvISO 8062:1994) GB/T 8740 cast alloy ingots GB/T 9439 gray cast iron (GB/T
9439-2010, ISO 185:2005, MOD) GB/T 11352 for general engineering cast carbon steel
parts (GB/T 11352-2009, ISO 3755:1991, ISO 4990:2003, MOD) GB/T 17107 forgings
structural steel grades and mechanical properties ISO 4381:2011 Plain bearings for
multi-layered plain bearings Tin-based casting alloys (Plainbearings-Tincastingalloys
formultilayerplainbearings) ISO 12129-1:1995 plain bearings - Part 1. Fits
(Plainbearings-Part 1: Fits) ISO 12129-2:1995 Plain bearings - Part 2. Shaft tolerances and
surface roughness of shafts, flanges and thrust rings (Plainbear-ings-Part 2:
Tolerancesonformandpositionandsfacefacenessforshafts, flangesandthrustcolars)

3 Bearing type

Center Flanged Bearings can be characterized by the following text symbols.

The symbols shown in FIG. 1 and FIG. 4 merely indicate the form of representation, and
when ordering, the complete form is to be described in the following order.

Bearing seat.

M has cooling fins