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ICS 49.060
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HB

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

HB 8754-2023

General specifications for aircraft outer ring stainless steel and inner ring beryllium bronze spherical plain bearings

飞机外圈不锈钢、内圈铍青铜关节轴承通用规范

(English Translation)

Issued on: December 20, 2023 **Implemented on: July 1, 2024**

Issued by: Ministry of Industry and Information Technology of the People's Republic of China

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https://chinastandards.org/standards/hb-8754-2023

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1 Foreword

HB 8754-2023 was issued by Ministry of Industry and Information Technology of the People's Republic of China on 20 December 2023 and has been in force since 1 July 2024.

The HB prefix, without a suffix, marks a mandatory standard: within its scope, compliance is required.

The document runs to 15 pages in English translation.

2 Scope Preview

This standard specifies the technical requirements, quality assurance regulations and delivery preparations for spherical plain bearings with beryllium bronze inner rings and stainless steel outer rings lubricated with grease for aircraft body structures. This standard applies to the trial production, production, inspection and acceptance of all-metal spherical bearings with beryllium bronze inner rings and stainless steel outer rings and their parts.

HB 8754-2023 falls under ICS 49.060, in the field of aircraft and space vehicle engineering.

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This catalogue holds 64 other HB standards in that field.

In this catalogue, HB standards carry edition years from 2012 to 2025.

3 About this standard

Sector: Aviation Industry Standard

Issued by: Ministry of Industry and Information Technology of the People's Republic of China

English translation: about 15 pages (approximate)

4 Related standards

Standards on related subjects:

HB 8755-2023 - General specifications for aircraft all-metal spherical bearings

HB 8753-2023 - General specification for aircraft rod-end self-lubricating spherical plain bearings

5 Classification and status

International classification (ICS): 49.060

Chinese Standard Classification (CCS): V 40

Prefix HB: mandatory standard.

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