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ICS 49.060
CCS V40

HB

# INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

# HB 8755-2023

## General specifications for aircraft all-metal spherical bearings

飞机全金属关节轴承通用规范

**(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**

Preview: page 1 of 3 shown, 15 in the full document. Complete English PDF, instant download:
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# Table of Contents

[Preview only]
1 Scope
2 Normative References
2.1 Terms
3 Terms and Definitions
4 Overview
4.1 General requirements
5 Technical Requirements
6 Calibration conditions
6.1 Environmental conditions
6.2 Measurement standards and other equipment
7 Calibration items and calibration methods
7.1 Calibration Items
7.2 Calibration method
8 Expression of calibration results
9 Recalibration interval

## 1 Foreword

HB 8755-2023 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 grease-lubricated all-metal spherical bearings. This standard applies to the trial production, production, inspection and acceptance of aircraft all-metal spherical bearings and their parts.

HB 8755-2023 falls under ICS 49.060, in the field of aircraft and space vehicle engineering.

This catalogue holds 64 other HB standards in that field.



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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 8754-2023 - General specifications for aircraft outer ring stainless steel and inner ring beryllium bronze spherical plain 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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