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ICS 29.260.20
CCS K25

JB

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

JB/T 15251-2025

Explosion-proof Three-Phase Asynchronous Motor - Explosion-proof Assembly Reliability Index Assessment Method (Laboratory Method)

隔爆型三相异步电动机 隔爆组件可靠性指标评定方法（实验室法）

(English Translation)

Issued on: July 2, 2025 **Implemented on: February 1, 2026**

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/jb-t-15251-2025

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1 Foreword

JB/T 15251-2025 was issued by Ministry of Industry and Information Technology on 2 July 2025 and has been in force since 1 February 2026.

The JB/T prefix marks a recommended standard. It is not law in itself: it becomes binding when a contract names it, when a regulation or a mandatory standard refers to it, or when a producer declares conformity with it.

The document runs to 15 pages in English translation.

2 Scope Preview

This standard specifies the reliability failure criteria for explosion-proof components of explosion-proof three-phase asynchronous motors and describes the reliability test methods. This standard applies to the reliability assessment of explosion-proof components of explosion-proof three-phase asynchronous motors for factories and mines ranging from 0.12kW to 200kW.

JB/T 15251-2025 falls under ICS 29.260.20, in the field of electrical engineering.

This catalogue holds 619 other JB/T standards in that field.

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In this catalogue, JB/T standards carry edition years from 1967 to 2026.

3 About this standard

Sector: Mechanical & Machinery Industry Standard (Recommended)

Issued by: Ministry of Industry and Information Technology

English translation: about 15 pages (approximate)

4 Related standards

Standards on related subjects:

MT/T 249-2019 - YBSD series flameproof mining type double speed three-phases asynchronous motor

MT/T 478-2011 - YBS series flameproof three phases asynchronous motor for conveyer

MT/T 575-2011 - YBRB Series Flameproof Three Phases Asynchronous Motor for Pump

JB/T 15253-2025 - Technical Specification for YAKK and YAKK-W Series (10 kV) High-Voltage Three-Phase Asynchronous Motor (Frame Size 400 to 630)

JB/T 15252-2025 - Technical specification for TZYW series positive-pressure housing-type brushless excitation synchronous motor (12 P ~ 30 P)

JB/T 15250-2025 - Explosion-proof Three-Phase Asynchronous Motor - Reliability Index Assessment Method (Laboratory Method)

5 Classification and status

International classification (ICS): 29.260.20

Chinese Standard Classification (CCS): K 25

Prefix JB/T: recommended standard.

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