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ICS 23.080
CCS J71

JB

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

JB/T 14590-2024

Permanent magnet variable frequency centrifugal constant pressure electric pump

永磁变频离心式恒压电泵

(English Translation)

Issued on: March 29, 2024 **Implemented on: October 1, 2024**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

JB/T 14590-2024 was issued by Ministry of Industry and Information Technology on 29 March 2024 and has been in force since 1 October 2024.

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 terms and definitions of permanent magnet variable frequency centrifugal constant pressure electric pumps, specifies the types and basic parameters and technical requirements, specifies the corresponding test methods, specifies the inspection rules and marking, packaging, transportation and storage. This standard is applicable to the manufacture of permanent magnet variable frequency centrifugal constant pressure electric pumps driven by permanent magnet motors, with the conveying medium being clean water or liquids with physical and chemical properties similar to clean water.

JB/T 14590-2024 falls under ICS 23.080, in the field of fluid systems and general-purpose

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components.

This catalogue holds 421 other JB/T standards in that field.

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:

GB/T 13929-2024 - Water ring vacuum pumps and compressors - Testing method

JB/T 13977-2020 - Liquefied natural gas (LNG) cryogenic submerged pumps

GB/T 7782-2020 - Metering pump

JB/T 15282-2026 - High temperature and high pressure oil pump

JB/T 14591-2024 - Permanent magnet variable frequency self-priming constant pressure electric pump

JB/T 14589-2024 - Glue coating twin screw pump

5 Classification and status

International classification (ICS): 23.080

Chinese Standard Classification (CCS): J 71

Prefix JB/T: recommended standard.

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