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**TEXTILE INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

FZ/T 93043-2021

**Cotton spinning drawing frame
(English Translation)**

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for Standardization Work Part 1: Structure and Drafting Rules of Standardization Documents" drafted.

This document replaces FZ/T 93043-2012 "Cotton Spinning Draw Frame", compared with FZ/T 93043-2012, except for structural adjustment and editorial in addition to the changes, the main technical changes are as follows.

- Added the classification according to the adjustment method of draft ratio (see 4.1, 3.1 of the 2012 edition);
- Added the specification parameters of the can (see Table 1, Table 1 of the 2012 edition);
- Increased the accuracy requirements for the detection roller of the autoleveling device (see 5.2.2);
- Increase the speed classification and adjust the bearing temperature rise requirements (see Table 2, Table 2 of the 2012 edition);
- Revised the drafting system requirements (see 5.4.1, 4.4.1 of the 2012 edition);
- Increased the accuracy requirements for the inspection roller of the coiling system (see 5.5.2);
- Increased communication interface requirements (see 5.7.10);
- Modified the safety requirements (see 5.7.11, 5.7.12, 4.7.10 of the 2012 edition);
- Revised the overall noise requirements (see 5.8, 4.8 of the 2012 edition);
- Modified power consumption (see 5.9, 4.9 of the 2012 edition);
- Modified the coefficient of variation of the end-draw evenness and the requirements for weight unevenness (see Table 3, Table 3 of the 2012 edition);

--- Based on the above changes, the test methods or test requirements have been modified or added (see Chapter 6, Chapter 5 of the 2012 edition).

1 Scope

This document specifies the classification and parameters, requirements, test methods, inspection rules and marking, packaging, transportation and storage of cotton spinning drawing frames.

This document is applicable to the drawing frame for pure spinning and blending of cotton, cotton-type chemical fibers and medium and long fibers.

2 Normative references

The contents of the following documents constitute essential provisions of this document through normative references in the text. Among them, dated citations documents, only the version corresponding to that date applies to this document; for undated references, the latest edition (including all amendments) applies to this document.

GB/T 191 Graphical signs of packaging, storage and transportation GB 2894 Safety Signs and Guidelines for their Use GB/T 5226.1-2019 Mechanical and Electrical Safety Mechanical and Electrical Equipment Part 1: General Specifications GB/T 7111.1 Textile Machinery Noise Test Specification Part 1: General Requirements GB/T 7111.2 Textile Machinery Noise Test Specification Part 2: Spinning Preparation and Spinning Machinery GB/T 17626.2-2018 Electromagnetic Compatibility Test and Measurement Technology Electrostatic Discharge Immunity Test GB/T 17626.4-2018 Electromagnetic Compatibility Test and Measurement Technology Electrical Fast Transient Burst Immunity Test GB/T 17780.1-2012 Textile Machinery Safety Requirements Part 1: General Requirements GB/T 17780.2-2012 Textile Machinery Safety Requirements Part 2: Spinning Preparation and Spinning Machinery FZ/T 90001 Packaging of Textile Machinery Products FZ/T 90074 Coating of Textile Machinery Products FZ/T 90089.1 Textile Machinery Nameplate Part 1: Type, Size and Technical Requirements FZ/T 90089.2 Textile Machinery Nameplate Part 2: Contents FZ/T 90108-2010 Cotton spinning equipment network management communication interface and specification FZ/T 92024 LZ series bottom roller bearing FZ/T 93007 Technical conditions for cylindrical cans of textile machinery and accessories FZ/T 93058 Autoleveling device for pre-spinning equipment

3 Terms and Definitions

There are no terms and definitions that need to be defined in this document.

4.1 Classification

The classification is as follows.

a) According to the control method of the output sliver weight, it is divided into.

--- No autoleveling device;