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INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

JG/T 127-2017

Replacing JG/T 127-2007

Building hardware for windows and doors--Friction hinges

(English Translation)

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard replaces JG/T 127-2007 "Building door and window hardware sliding support." Compared with JG/T 127-2007, the main technical content the changes are as follows.

--- Modify the scope of application;

--- Added terms and definitions (see Chapter 3);

--- Increasing the grading requirements for the opening and closing force of sliding supports for open top-hung windows (see 5.3.2.2);

--- Increased the operating requirements of the sliding support for the external casement window (see 5.3.3) and test methods (see 6.3.3);

--- Modified self-positioning force test method (see 6.3.1);

--- Modify the repeated opening and closing performance requirements (see 5.3.6) and test methods (see 6.3.6);

--- Increased anti-vandal performance requirements in the closed position [see 5.3.7 b)] and test methods [see 6.3.7 b)].

This standard is proposed by the Institute of Standardization of Housing and Urban-Rural Development Standards.

This standard is under the jurisdiction of the Standardization Technical Committee for

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Building Products and Components of the Ministry of Housing and Urban-Rural Development.

Introduction

"Building Doors and Windows Hardware" contains 12 standards.

---GB/T 32223 General requirements for building door and window hardware

---JG/T 124 Hardware for door and window hardware transmission

---JG/T 125 Building Doors and Windows Hardware Hinge (hinge)

---JG/T 126 Building Door and Window Hardware Transmission Locker

---JG/T 127 Hardware for sliding doors and windows

---JG/T 128 Hardware for Door & Window Hardware

---JG/T 129 Building doors and windows hardware pulley

---JG/T 130 single door locks for windows and doors hardware

---JG/T 213 construction door and window hardware spinning handle

---JG/T 214 Hardware for Building Windows and Doors

---JG/T 215 Door and Window Hardware Multi-Point Locker

---JG/T 393 double door handle hardware Building door and window hardware sliding support

1 Scope

This standard specifies the terms and definitions, classifications and markings, requirements, test methods, inspection rules and signs, and packaging for sliding supports for building doors and windows.

Transportation and storage.

This standard is applicable to open-hung windows of buildings with a window opening distance of no more than 300mm, and a window sash with a width not exceeding 570mm.

Open the window with sliding support.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only dated versions apply to this article Pieces. For undated references, the latest version (including all amendments) applies to this document.

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GB/T 2828.1 Count Sampling Inspection Procedures Part 1. Batch Inspection Sampling Plans Retrieved by Acceptance Quality Limit (AQL) GB/T 5823 term for building doors and windows GB/T 14436 General Rules for Industrial Product Assurance Documents Test method for opening and closing force of GB/T 29048 window General requirements for GB/T 32223 architectural door and window hardware

3 Terms and Definitions

The following terms and definitions as defined in GB/T 5823 apply to this document.

Sliding support frictionhinge it is used to connect the window frame and sash, support the sash, and realize the multi-rod device that generates rotation to the outside and is simultaneously translated and opened.

[GB/T 32223-2015, definition 3.11] 3.2 Self-positioning forcedesignedfriction Blocks the maximum static friction force of the outer casement sash from its open position.

Opening and closing force operatingforce the locking force and release force of the door and window locking device, the maximum value of the opening and closing force of the movable fan.

[GB/T 9158-2015, definition 3.2] 3.4 Operating force External flat window in the process of opening the sash from the closed position 100mm to the maximum open position, or the maximum open position to the close position the maximum force required for the 100mm closing process.

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