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INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

JG/T 129-2017

Replacing JG/T 129-2007

Building hardware for windows and doors--Rollers

(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 129-2007 "Building Doors and Windows Hardware Pulley". Compared with JG/T 129-2007, the main technical content the changes are as follows.

--- Modify the scope of application, increase the use of hanging wheels for sliding doors (see 1);

--- Added terms and definitions for pulleys, hanging wheels, load-bearing mass, and wheel body (see 3);

--- Increased the classification and code of the wheel body material, increased the classification and marking of the door hanging wheel (see 4);

--- Increased classification requirements for different bearing quality operating forces (see 5.4.2);

--- Increased the performance requirements (see 5.4.3) and test methods (see 6.4.3) of the change in the vertical displacement of the pulleys for doors and windows after repeated opening and closing;

--- Increase the mechanical properties of the door suspension wheel (see 5.4) and test methods (see 6.4).

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

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This standard is under the jurisdiction of the Standardization Technical Committee for Building Products and Components of the Ministry of Housing and Urban-Rural Development.

Participated in the drafting of this standard. China Construction Metal Structure Association, Guangdong Jianlang Hardware Products Co., Ltd., Noto-Frank Architecture Hardware (Beijing) Co., Ltd., Yinke Door Control (Zhuhai Free Trade Zone) Co., Ltd., Guangdong Hehe Construction Hardware Products Co., Ltd., and Gewu Trading (upper (Sea) Co., Ltd., Sigilia Ophir Window Door Hardware (Sanhe) Co., Ltd., Chunguang Hardware Co., Ltd., China Academy of Building Research, Jiangxi Effort Technology Co., Ltd., National Building Materials Industry Construction Hardware Plumbing Product Quality Supervision, Inspection and Test Center, ASSA ABLOY Guoqiang (Shandong) Hardware Technology Co., Ltd., Qingdao Lixing Young's Door & Window Accessories Co., Ltd., Beijing Xifei Century Doors & Windows Curtain Wall Engineering Co., Ltd., Shandong Junqiang Hardware Co., Ltd., Dalian Shide Technology Development Co., Ltd., Zhejiang Xingxing Samsung Hardware Co., Ltd., Guangdong Aolijian Building Hardware Co., Ltd., Zhejiang Ruide Construction Hardware Co., Ltd., Shenyang Yuanda Aluminum Engineering Co., Ltd., Beijing Milan Window Energy Saving Building Material Co., Ltd.

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 pulley

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1 Scope

This standard specifies the classification and marking of pulleys for building doors and windows, requirements, test methods, inspection rules and signs, packaging, transportation and storage.

This standard applies to building sliding doors and windows with pulleys, sliding doors with hanging round.

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.

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 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.

Pulley polyolefin

Understand the quality of the door and window fan, and under the action of external force, by rolling the door and window fan along the track reciprocating motion device.

[GB/T 32223-2015, definition 3.12] 3.2 Hanging wheel hangingroler Hanging mounted pulleys.

Bearing capacity Pulleys bear the maximum allowable design value.

Wheel rol

The part of the pulley in contact with the rail.

4.1 Classification and Code

4.1.1

Divided by the use name code.

a) Door pulley, codenamed MHL;

b) Door hangers, code-named MDL;

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