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

JG/T 268-2019

**Door closer for building
(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 268-2010 "Building Door Closer". Compared with JG/T 268-2010, the main technical contents are changed as follows.

- Increased electric door closers (see 3.3, 6.5, 7.6);
- Increased door opening buffer (see 3.16, 6.4.7, 7.5.7);
- Increased test conditions (see Appendix A);
- Increased hydraulic door closer closing ability test method (see Appendix B);
- Increased the test method for the closing ability of electric door closers (see Appendix D);
- Modified the anti-additive test method (see Appendix C, Appendix A in JG/T 268-2010);
- Revised the scope of this standard not applicable (see Chapter 1, Chapter 1 of JG/T 268-2010);
- Modified the closing delay (see 3.14, 6.4.6, 7.5.6, 3.14, 6.5.6, 7.2.5.6 in JG/T 268-2010);
- Modified code, classification and marking (see Chapter 4, Chapter 4 of JG/T 268-2010);
- Revised the closing ability (see 6.4.4, 6.5.4 in JG/T 268-2010);
- Modified the test method (see Chapter 7, Chapter 7 of JG/T 268-2010).

This standard was proposed by the Institute of Standardization of the Ministry of Housing and Urban-Rural Development.

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.

This standard is mainly drafted by. Guangdong Jianlang Hardware Products Co., Ltd., China Academy of Building Research Ltd., China Construction Standard Design Institute Co., Ltd., Shanghai Academy of Building Research (Group) Co., Ltd., Guangdong Academy of Building Science Group Company, National Building Materials Industry Building Hardware Plumbing Product Quality Supervision, Inspection and Testing Center, Shenzhen Xinshan Curtain Wall Technical Consulting Co., Ltd.

Division, Guangdong Jianyijia Hardware Products Co., Ltd.

1 Scope

This standard specifies the terms and definitions, codes, classifications and markings, general requirements,, test methods, inspection rules for building door closers.

And marking, packaging, transportation and storage.

This standard is applicable to door closers for building swing doors, and is not applicable to door closers for fire doors.

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 edition (including all amendments) applies to this document.

GB/T 699 high quality carbon structural steel GB/T 700 carbon structural steel GB/T 1804-2000 General tolerances and tolerances for linear and angular dimensions without tolerances GB/T 2828.1. Sampling procedures for sampling by sampling - Part 1 . Batch-to-batch sampling plan, searched by AQL GB/T 2829-2002 Periodic inspection count sampling procedures and tables (applicable to the inspection of process stability) GB/T 5237.1 Aluminium alloy building profiles - Part 1.

GB/T 5237.2-2017 aluminium alloy building profiles - part 2. anodized profiles GB/T 6461-2002 Rating of specimens and test pieces of metals and other inorganic coatings on metal substrates after corrosion test GB/T 9286-1998 Cross-cut test of paint and varnish paint film GB/T 9439 gray iron castings GB/T 10125-2012 Artificial atmosphere corrosion test salt spray test GB 11118.1 Hydraulic oil (L-HL, L-HM, L-HV, L-HS, L-HG) GB/T 15115 die-cast aluminum alloy

3 Terms and definitions

The following terms and definitions apply to this document.

Door closer Installed on the upper part of the door to automatically close the door leaf and

adjust the speed of the device.

Hydraulic door closer A door closer driven by a hydraulic device.

Electric door closer A motorized door closer.

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