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INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

CJ/T 216-2005

Replacing CJ/T 216-2005

Resilient-seated gate valves for water supply and drainage service

(English Translation)

Issued on: January 1, 1970 **Implemented on: January 1, 1970**

Issued by: Ministry of Housing and Urban-Rural Development of the People's Republic of China

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Foreword

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

This standard is the revision of CJ/T 216-2005 "soft seal gate valve for water supply and drainage", this standard compared with CJ/T 216-2005, the main Technical changes are as follows.

--- Increase the "maximum allowable working pressure" and other terms and definitions;

--- Increasing the "gear box" requirements;

--- Increased gate valve "durability" chapter, provides the requirements of the number of opening and closing cycles;

--- Modify the gate valve shell wall thickness and internal and external surface "coating thickness", an increase of coating inspection project requirements;

--- Increasing the maximum temperature and its rubber sealing material requirements;

--- Added Appendix E (informative) gearbox ratio.

This standard proposed by the Ministry of Housing and Urban Standard and Design Institute.

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This standard by the Ministry of Housing and Urban Water Supply and Drainage Municipal Standardization Technical Committee centralized.

This standard was drafted. China Construction Metal Structure Association Water Supply and Drainage Equipment Branch, Shanghai Guanlong Valve Machinery Co., Ltd., Anhui red Star Valve Co., Ltd., Guangdong Yongquan Valve Technology Co., Ltd., Hangzhou Chunjiang Valve Co., Ltd., Shanghai and Shanghai Airlines Valve Co., Water Treatment Systems (Taicang) Co., Ltd., Wuhan Dayu Valve Manufacturing Co., Ltd., Jinan Meade Casting Co., Ltd. Zhejiang shield valve Company, Ningbo Huacheng Valve Co., Ltd., Jiangsu Penny Valve Co., Ltd., Anhui Baihu Valve Factory Co., Ltd., Zhuzhou South Valve Co., Ltd., Shandong Jianhua Valve Manufacturing Co., Ltd., Public Valve Group Co., Ltd., Jing Jia Group Co., Ltd., Beijing Zhuang Valve Limited, East Valve Manufacturing (Nantong) Co., Ltd. is Feng Valve Group Co., Ltd.

1 Scope

This standard specifies the town water supply and drainage with soft seal gate valve (hereinafter referred to as the gate valve) structure type and size, requirements, test methods, seized Inspection rules, signs and delivery.

This standard applies to the nominal size DN50 ~ DN900 (which nominal size is not greater than DN400, nominal pressure less than or equal to PN25; nominal size greater than DN400, and not more than DN900, nominal pressure less than or equal to PN16), the maximum temperature of 80 °C, France Lan or socket interface type connection, ductile iron shell town water supply and drainage with the gate valve design, manufacture and acceptance.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version applies to this article Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB/T 825 eye bolts

GB/T 1220 stainless steel rod GB/T 3098.1 fasteners mechanical properties of bolts, screws and studs GB/T 3098.6 mechanical properties of fasteners stainless steel bolts, screws and studs GB/T 3452.1 hydraulic pneumatic O-ring with rubber seals - Part 1. Dimensions and tolerances GB 4208 enclosure protection (IP code) Nonmagnetic coatings on magnetic substrates - Measurement of thickness of coatings - Magnetic method GB/T 5796.1 ladder thread - Part 1. dental GB/T 5796.2 Trapezoidal thread - Part 2. Diameter and pitch series GB/T 5796.3 Trapezoidal thread - Part 3. Basic dimensions Trapezoidal thread - Part 4. Tolerances Hardness of coating - Determination of pencil hardness GB/T 8923.1 pre-painted steel surface treatment of steel visual assessment of surface cleanliness - Part

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1. Uncoated steel Surface and the full removal of the original coating steel surface corrosion level and treatment level GB/T 9286 Paints and varnishes - Cross-hatch test Rubber, vulcanized - Determination of bonding strength with metal - Stretching method GB/T 12220 common valve logo GB/T 12221 metal valve structure length GB/T 12222 multi-turn valve drive connection GB/T 12225 common valve copper alloy castings technical conditions GB/T 12227 General valve ductile iron specifications GB/T 13295 water and gas pipe ductile iron pipes, fittings and accessories GB/T 13927 industrial valve pressure test GB/T 15254 vulcanized rubber and metal bonding 180 ° peel test GB/T 17241.6 overall cast iron pipe flange

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