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CCS J16



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

GB/T 12239-2008

Replacing GB/T 12239-1989

Industrial valves - Diaphragm valves made of metallic materials

工业阀门 金属隔膜阀

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Foreword

This standard corresponds BSEN13397.2002 "Industrial metal diaphragm valves," and this standard BSEN13397.2002 unanimously The degree of non-equivalent. This standard is GB/T 12239-1989 "common valve diaphragm" amendments. This standard compared with GB/T 12239-1989 main changes are as follows:

- Modify the standard name;
- Expanding the scope of application;
- Increased body and bonnet bolting requirements;
- Information about life testing requirements;
- Modify the inspection requirements, increasing the content type tests;
- Modify the contents of the request flag;
- To modify the supply requirements;

--- Added Appendix A "Ordering Contract Data Sheet." Appendix A of this standard is an informative annex. The standard proposed by China Machinery Industry Federation. The standard valve by the National Standardization Technical Committee (SAC/TC188) centralized. This standard was drafted. Shanghai Valve Wuchang, Zhejiang Jade Holdings Limited. The main drafters of this standard. Xu Wenqing, Ge Keke. This standard replaces the standards previously issued as follows:

- GB/T 12239-1989. Industrial valves Metal diaphragm

1 Scope

GB/T 12239-2008 is the Chinese national standard on industrial valves - diaphragm valves made of metallic materials, in the field of fluid systems and general-purpose components.

The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 23 December 2008 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 July 2009. Classification: ICS 23.060.99, CCS J16. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This standard specifies the structure of industrial metal diaphragm, technical requirements, test methods and inspection rules, marking, protection and storage. This standard applies to. Nominal pressure PN6 ~ PN25 (gray cast iron is not more than PN16), nominal size DN10 ~ DN400, end even Take the form of a metal diaphragm valve flange; nominal pressure PN6 ~ PN16, nominal size DN8 ~ DN80, threaded end connections form of gold Genus diaphragm; nominal pressure PN6 ~ PN20, nominal size DN8 ~ DN300, end connection in the form of welded metal diaphragm.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB/T 196-2003 common thread basic size (ISO 724.1993, MOD)

GB/T 197-2003 common thread tolerance (ISO 965.1998, MOD)

GB/T 228 metal materials at room temperature tensile test method (GB/T 228-2002, eqv ISO 6892.1998)

GB/T 1184-1996 shape and position tolerances without individual tolerance value (eqv ISO 2768-2. 1989)

GB/T 5796.1 trapezoidal thread - Part 1. tooth shape (GB/T 5796.1-2005, ISO 2901.1993, MOD)

GB/T 5796.2 trapezoidal thread - Part 2. The diameter of the pitch series (GB/T 5796.2-2005, ISO 2902. 1977, MOD)

GB/T 5796.3 trapezoidal thread Part 3. Basic Size (GB/T 5796.3-2005, ISO 2904. 1977, MOD)

GB/T 5796.4 trapezoidal thread Part 4. Tolerances (GB/T 5796.4-2005, ISO 2903.1993, MOD)

GB/T 9113 (all parts) Integral steel pipe flanges

GB/T 12220 Universal Valve logo (GB/T 12220-1989, idt ISO 5209. 1977)

GB/T 12221-2005 metal valve structure length (ISO 5752. 1982, MOD)

GB/T 12222 multi-turn valve actuator connecting means (GB/T 12222-2005, ISO 5210.1991, MOD)

GB/T 12224 General requirements for steel valves