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

GB/T 32807-2016

**Pneumatic valve business documents should contain
information**

气动阀 商务文件中应包含的资料

(English Translation)

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Foreword

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

This standard uses the translation method equivalent to ISO 17082.:2004 "pressure transmission valve business documents should be included in the information." and the normative reference in this standard international documents are consistent with the relationship between China's documents are as follows.

Fluid power systems and components - Graphical symbols and circuit diagrams - Part 1. for general use and numbers According to the processed graphic symbols (ISO 1219-1.:2006, IDT) GB/T 3141-1994 Industrial fluid lubricants ISO viscosity classification (eqvISO 3448..1992)

--- GB 4208-2008 enclosure protection class (IP code) (IEC 60529.:2001, IDT) GB/T 7940.1-2008 Pneumatic five-port directional control valves - Part 1. Mounting surfaces without electrical connections (ISO 5599-1.:2001, IDT) GB/T 7940.2-2008 Pneumatic five-port directional control valves - Part 2. Mounting surfaces with optional electrical connections (ISO 5599-2.:2001, IDT) GB/T 17446-2012 Fluid Drive Systems and Components Glossary (ISO 5598.:2008, IDT) Measurement of switching time for pneumatic directional control valves (ISO 12238.:2001, IDT) GB/T 22107-2008

--- GB/T 26142.1-2010 Pneumatic five-way directional control valve specifications 18mm and 26mm Part 1. no electrical Connector mounting surface (ISO 15407-1.:2000, IDT)

--- GB/T 26142.2-2010 Pneumatic five-way directional control valve specifications 18mm and 26mm Part 2. with optional power Installation of gas fittings (ISO 15407-2.:2003, IDT) this standard has made the following editorial changes.

--- change the standard name to "Pneumatic valve business documents should contain information";

- Replace "UL429" with "JB/T 6378-2008" as listed in the "Example" column of the International Standard Table 1 "Certificate" "CSA22.2-139" changed to "JB/T 10606-2006";

--- The C value in the "Example" column of the "rated flow" in Table 1 is corrected to "C =

0.056dm³/(s · kPa) [5.6dm³/(s · bar)];

In the "reference" to increase the JB/T 6378-2008 and JB/T 10606-2006 two industry standards.

This standard is proposed by the China Machinery Industry Federation.

This standard by the National Hydraulic and Pneumatic Standardization Technical Committee (SAC/TC3) centralized.

This standard is responsible for drafting units. Ningbo Sonuo Industrial Automation Equipment Co., Ltd.

This standard participates in the drafting unit. National Pneumatic Product Quality Supervision and Inspection Center, Fenghua Xingyu Electronics Co., Ltd., Ningbo Yade Chemical Industry Co., Ltd., Ningbo LEADER pneumatic sets Limited.

Introduction

In a pneumatic system, the power is transmitted and controlled by closing the compressed air in the circuit.

Pneumatic valves are an important part of pneumatic control systems. Pneumatic valve control circuit in the direction of flow of compressed air, pressure and flow Etc., so that the pneumatic actuator to obtain the necessary force, speed and change the direction of movement.

Pneumatic valve business documents should contain information

1 Scope

This standard specifies the manufacturer's information that should be included in the business documents accompanying the various pneumatic valves.

This information is essential for the selection of suitable pneumatic valves.

2 Normative reference documents

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

ISO 1219-1 fluid drive systems and components - Graphical symbols and circuit diagrams - Part 1. Graphical symbols (Fluidpower systemsandcomponents-Graphicsymbolsandcircuitdiagrams-Part 1. Graphicsymbols) ISO 3448 Industrial lubricants ISO viscosity classification (Industrialliquidlubricants-ISO viscosityclassification) ISO 4400 fluid drive systems and components 3-pin electrical plug

with grounding contacts Features and requirements (Fluidpower systems and components-Three-pin electrical plug connectors with earth contact-Characteristics and requirements ISO 5598 fluid drive system and component vocabulary (Fluidpower systems and components-Vocabulary) ISO 5599-1 Pneumatic five-port directional control valves - Part 1. Mounting surfaces without electrical connections (Pneumatic fluid power-Five-Port directional control valves-Part 1. Mounting interface surfaces without electrical connector ISO 5599-2 Pneumatic five-port directional control valves - Part 2. Mounting surfaces with optional electrical connectors (Pneumatic fluid power-Five-Port directional control valves-Part 2. Mounting interface surfaces with optional electrical connector ISO 6358 Determination of flow characteristics using compressible fluid elements (Pneumatic fluid power-Components using compressible fluids-Determination of flow-rate characteristics ISO 6952 fluid drive systems and components Two-pin electrical plug with ground contact characteristics and requirements (Fluidpower systems and components-Two-pin electrical plug connectors with earth contact-Characteristics and requirements ISO 11727 Pneumatic control valves and other components Air and control mechanisms (Pneumatic fluid power-Identification of ports and control mechanisms of control valves and other components) ISO 12238 Pneumatic direction control valve switching time measurement (Pneumatic fluid power-Directional control valves-Measurement of shifting time) ISO 15217 Fluid drive systems and components 16mm square electrical plug with grounding contacts Features and requirements (Fluidpower systems and components-16mm square electrical connector with earth contact -ratings and requirements ISO 15218 Pneumatic fluid power-3/2 Solenoid Valves -Mounting interface surfaces ISO 15407-1 Pneumatic specifications 18 mm and 26 mm five-way directional control valves - Part 1. Installation without electrical connection (Pneumatic fluid power-Five-Port directional control valves, sizes 18mm and 26mm-Part 1.