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

GB/T 32337-2015

**Pneumatic fluid power -- Mounting interface surfaces of 3/2
solenoid valves**

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Administration of the People's Republic of China**

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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 15218..2003 "pressure transmission two three-way solenoid valve mounting surface".

And the normative reference in this standard international documents are consistent with the relationship between China's documents are as follows.

GB/T 131-2006 Product Geometry Technical Specification (GPS) Technical Product Representation of Surface Structures

(ISO 1302..2002, IDT);

--- GB/T 1804-2000 General tolerances Tolerances of linear and angular dimensions not tolerated (eqvISO 2768-1. 1989);

GB/T 3505-2009 Geometrical Product Specifications (GPS) Surface Structure Contours Terms, Definitions and Surface Structures

Parameters (ISO 4287..1997, IDT);

Fluid powertrain and component vocabulary (ISO 5598..2008, IDT) GB/T 17446-2012.

This standard has made the following editorial changes.

- Fix ISO 15218..2003 error, change the Dmax on the right in Figure 1 to Dmin.

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. Wuxi Pneumatic Technology Research

Institute Co., Ltd.

The standard to participate in the drafting unit. Ningbo Jiaer Ling Pneumatic Machinery Co., Ltd., Fenghua City Star-Electronics Co., Ltd., Zhejiang billion technology

Co., Ltd., Guangdong Province Zhaoqing Fangda Pneumatic Co., Ltd., National Pneumatic Products Quality Supervision and Inspection Center, Ningbo Yadeke Automation Industry Limited company.

1 Scope

This standard specifies the two three-way solenoid valve four specifications of the mounting surface size and sealing surface requirements.

This standard applies to the maximum rated pressure of 1.6MPa, there are three air flow channels and two mounting screw holes of the two three-way solenoid valve.

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 1302 Product Geometry Technical Specification (GPS) Technology Product Representation of Surface Structures (GeometricalProduct

Specifications (GPS) -Indicationofsurfacetextureintechanicalproductdocumentation

ISO 2768-1 General tolerances - Part 1. Tolerances of linear and angular dimensions of non-tolerable tolerances (Generaltolerances-Part 1.

Tolerancesforlinearandangulardimensionswithoutindividualtoleranceindications)

ISO 4287 Product Geometry Technical Specification (GPS) Surface structure. Contour terms Terminology, definitions and surface structure parameters (Geometrical

ProductSpecifications (GPS) -Surfacetexture. Profilemethod-Terms, definitionsandsurfacetex-

tureparameters

ISO 5598 fluid drive system and component vocabulary (Fluidpowersystemsandcomponents-Vocabulary)

ISO 11727 Pneumatic drive control valve and other components of the port and the identification of the control mechanism (Pneumaticfluidpower-

Identification of ports and control mechanisms of control valves and other components)

3 terms and definitions

The terms and definitions defined in ISO 5598 apply to this document.

4 air mark

Mark the air mark according to ISO 11727. It is not required to mark the installation interface.

5.1 Dimensions and tolerances

For sizes of 10 mm, 15 mm and 22 mm valves, the dimensions and tolerances are shown in Figures 1 and 1. For specifications for 30mm

Of the valve, its size and tolerance requirements shown in Figure 2, Figure 3.

Unregulated tolerances shall comply with ISO 2768-1.