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

GB/T 16709.2-2010

Replacing GB/T 16709-1996

**Vacuum technology -- Mounting dimensions of pipeline fittings
-- Part 2: Knife-edge flange type**

真空技术 管路配件的装配尺寸 第2部分：刀口法兰型

(English Translation)

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Foreword

GB/T 16709 "Vacuum technology - Pipeline fittings assembly dimension" is divided into two parts.

--- Part 1. Non knife-edge flange type;

--- Part 2. knife-edge flange type. This section GB/T 16709 Part 2:

This part identical with ISO 9803-2:2007 "Vacuum technology - Pipeline fittings assembly dimensions - Part 2. knife-edge flange type." This section is equivalent translation ISO 9803-2:2007 "Vacuum technology - Pipeline fittings assembly dimensions - Part 2. knife-edge flange type." For ease of use, this section made the following editorial changes.

- a) The ISO 9803-2:2007 of the "international standard" be replaced by GB/T 16709.2 of the "section";
- b) use the decimal symbol instead of as a decimal comma ".,", ".,";
- c) Remove the foreword and introduction of international standards.

GB/T 16709.2 "Vacuum technology - Pipeline fittings assembly dimensions - Part 2. knife-edge flange type" and GB/T 16709.1 "true Space technology pipeline fittings assembly dimensions - Part 1: Non knife-edge flange type" instead of GB/T 16709-1996 "Vacuum technology - Pipeline Accessories assembly dimensions." This part of the National Vacuum Technology Standardization Technical Committee.

This section is drafted. Shenyang Institute of Vacuum Technology, Shanghai Vacuum Valve Manufacturing Co., Limited Beijing giant Friends of Science and Technology Development the company.

1 Scope

This section GB/T 16709 specifies the nominal diameter of 16mm to 200mm from the edge of the flange of the vacuum line fittings (elbows, T Shaped tube, cross tube) assembly size.

2 Normative references

The following documents contain provisions which, through reference GB/T 16709 in this section constitute provisions of this section. For dated reference documents Member, all subsequent amendments (not including errata content) or revisions do not apply to this section, however, encouraged to reach under this section Parties to research agreement to use the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

ISO 3669 Vacuum technology can bake flange size

3 Terms and Definitions

The terms and definitions given in ISO 3669 apply to this section.

4 Requirements

4.1

should be the same as the vacuum line fittings assembly dimensions specified in Table 1. Figure 1 to Figure 3.

4.3

ISO 3669 screw hole defined in the flange 4 should be placed in the position shown in FIG. Angle alpha is a function of the number of screw holes. e --- size.

4.2

Should be the same flange dimensions specified in ISO 3669. Looper flange preferably forms .