JIS

JAPANESE
INDUSTRIAL
STANDARD

Translated and Published by
Japanese Standards Association

JIS B 2404 : 2018

(JSME/JSA)

Dimensions of gaskets for use with pipe flanges

ICS 23.040.80
Reference number : JIS B 2404 : 2018 (E)

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Date of Establishment: 1967-03-01

Date of Revision: 2018-02-20

Date of Public Notice in Official Gazette: 2018-02-20

Investigated by: Japanese Industrial Standards Committee
Standards Board for ISO area

JIS B 2404 : 2018, First English edition published in 2018-10

Translated and published by: Japanese Standards Association
Mita MT Building, 3-13-12, Mita, Minato-ku, Tokyo, 108-0073 JAPAN

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Printed in Japan HT/HN

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Contents

Page

Introduction ····· 1

1 Scope ····· 1

2 Normative references ····· 1

3 Terms and definitions ····· 1

4 Types and forms of gaskets ····· 2

5 Combinations of flanges and gaskets ····· 2

6 Dimensions ····· 6

6.1 Cut gaskets ····· 6

6.2 PTFE-jacketed gaskets ····· 12

6.3 Spiral wound gaskets ····· 15

Annex A (informative) Dimensions of gaskets used for flanges of 2K in nominal pressure specified in Annex E (informative) of JIS B 2220 ····· 27

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Foreword

This Japanese Industrial Standard has been revised by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee as the result of proposal for revision of Japanese Industrial Standard submitted by The Japan Society of Mechanical Engineers (JSME)/Japanese Standards Association (JSA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law applicable to the case of revision by the provision of Article 14. Consequently **JIS B 2404**:2006 is replaced with this Standard.

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Dimensions of gaskets for use with pipe flanges

Introduction

This Japanese Industrial Standard specifies the dimensions of gaskets used for the pipe flanges (hereafter referred to as flanges).

This Standard was established in 1967 as "Spiral-wound gaskets for pipe flanges", and has gone through revisions up to the present including the revision made in 1999, in which this Standard was changed to the standard for dimensions of gaskets. The last revision was made in 2006, and the revision at this time is to ensure the consistency with the relevant standards revised thereafter, and to correspond to changes in the applicable products.

The flanges specified in **ISO 7005-1**, **ISO 7005-2** and **ISO 7005-3** are different from those using the gaskets specified in this Standard. No corresponding International Standard has been established at this point. This Standard does not cover the materials of gaskets and the criteria for use.

1 Scope

This Standard specifies the types and dimensions of gaskets used for flanges specified in the main texts of **JIS B 2220**, **JIS B 2239**, **JIS B 2240** and **JIS B 2241** connected to the piping for fluids such as steam, water and oil. This Standard is not applicable to gaskets corresponding to the flanges specified in **ISO 7005-1**, **ISO 7005-2** and **ISO 7005-3**.

The dimensions of gaskets used for flanges shown in Annex E of **JIS B 2220** are shown in Annex A for reference.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. The most recent editions of the standards (including amendments) indicated below shall be applied.

JIS B 0116 *Glossary of terms for packings and gaskets*

JIS B 2220 *Steel pipe flanges*

JIS B 2239 *Cast iron pipe flanges*

JIS B 2240 *Copper alloy pipe flanges*

JIS B 2241 *Aluminium alloy pipe flanges*

3 Terms and definitions

For the purpose of this Standard, the terms and definitions given in **JIS B 0116** apply.

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