
**Vacuum technology — Mounting
dimensions of pipeline fittings —**

**Part 1:
Non knife-edge flange type**

*Technique du vide — Dimensions de montage des raccords de
conduit —*

Partie 1: Brides de type sans guillotine

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Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 112, *Vacuum technology*.

This second edition cancels and replaces the first edition (ISO 9803-1:2007), of which it constitutes a minor revision. The changes compared to the previous edition are as follows:

- The normative references have been updated.
- Reference [2] has been updated.

A list of all parts in the ISO 9803 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Introduction

ISO 9803:1993 defined only those pipeline fittings whose flanges are non knife-edge type, as defined in ISO 1609:1986 and ISO 2861-1:1974. The previous revision divided ISO 9803:1993 into two parts:

- this part of ISO 9803, in which fittings with non knife-edge flanges are defined, and
- ISO 9803-2, in which fittings with knife-edge flanges as specified in ISO 3669 are defined.

This document deals with dimensions of pipeline fittings whose flanges are of non knife-edge type, as defined in ISO 1609 and ISO 2861.

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