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ISO 8443

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Rolling bearings — Radial ball bearings with flanged outer ring — Flange dimensions

Roulements — Roulements à billes avec bague extérieure à collet — Dimensions de collet

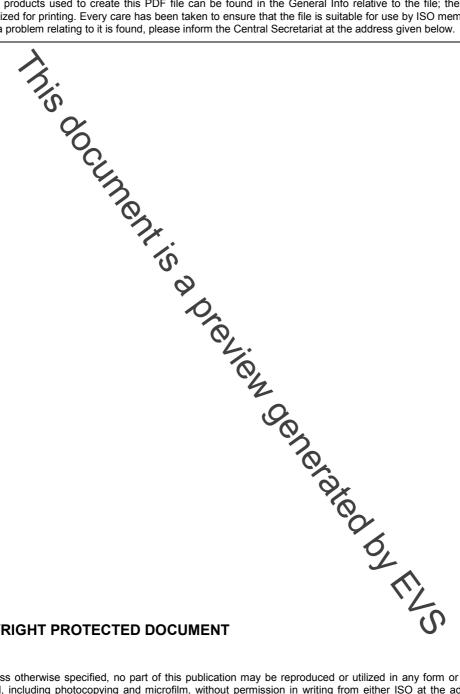


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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

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antion is drawn to the possibility that some of the control of the con The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent

This third edition cancels and replaces the second edition (ISO 8443:1999), of which it constitutes a minor

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Inis document is a preview denetated by EUS

Rolling bearings — Radial ball bearings with flanged outer ring — Flange dimensions

1 Scope

This International Standard specifies flange dimensions of single-row radial ball bearings with flanged outer ring and single-row angular contact ball bearings with flanged outer ring. All other boundary dimensions for complete bearings are given in ISO 15.

Tolerances for the flanges are given in ISO 492. For instrument precision bearings, all tolerances are specified in ISO 1224-1.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 15, Rolling bearings — Radial bearings — Rad

ISO 492, Rolling bearings — Radial bearings — Tolerances

ISO 1224-1, Rolling bearings — Instrument precision bearings — Part 1: Boundary dimensions, tolerances and characteristics of metric series bearings

ISO 5593, Rolling bearings — Vocabulary

ISO 15241, Rolling bearings — Symbols for quantities

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 5523 apply.

4 Symbols

For the purposes of this document, the symbols given in ISO 15241 and the following apply.

The symbols shown in Figure 1 and the values given in Tables 1 to 4 denote nominal dimensions, unless specified otherwise.

C outer ring width

 C_1 outer ring flange width

D outside diameter of outer ring

 D_1 outside diameter of outer ring flange