

Nederlandse norm

NEN-ISO 3096

(en)

Wentellagers - Naaldlagers - Afmetingen, geometrische product specificaties (GPS) en toleranties (ISO 3096:2018,IDT)

Rolling bearings - Needle rollers - Boundary dimensions, geometrical product specifications (GPS) and tolerance values (ISO 3096:2018,IDT)

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- ISO 3096:2018, IDT

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Preview

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**Rolling bearings — Needle rollers —
Boundary dimensions, geometrical
product specifications (GPS) and
tolerance values**

*Roulements — Aiguilles — Dimensions d'encombrement, spécification
géométrique des produits (GPS) et valeurs de tolérance*



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Orbital

Preview

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.

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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This document was prepared by Technical Committee ISO/TC 4, *Rolling bearings*, Subcommittee SC 5, *Needle, cylindrical and spherical roller bearings*.

This third edition cancels and replaces the second edition (ISO 3096:1996), which has been technically revised. It also incorporates the Technical Corrigendum ISO 3096:1996/Cor. 1:1999. The main changes compared to the previous edition are as follows:

- Terms, definitions, symbols and dimensional tolerance indications in figures and tables have been revised according to rules of geometrical product specification (GPS) system.
- In [Table 3](#), all dimensions have been added with $D_w = 4,5$ mm and 5,5 mm and with $L_w = 31,8$ mm and 37,8 mm.
- [Annex A](#) has been added.

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