



SLOVENSKI STANDARD SIST EN ISO 8826-2:1998

01-maj-1998

Tehnične risbe - Kotalni ležaji - 2. del: Poenostavljeno prikazovanje s podrobnostmi

Technical drawings - Rolling bearings - Part 2: Detailed simplified representation (ISO 8826-2:1994)

Technische Zeichnungen - Wälzlager - Teil 2: Detaillierte vereinfachte Darstellung (ISO 8826-2:1994)

Dessins techniques - Roulements - Partie 2: Représentation simplifiée particulière (ISO 8826-2:1994)

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Ta slovenski standard je istoveten z: EN ISO 8826-2:1997

ICS:

01.100.20	Konstruksijske risbe	Mechanical engineering drawings
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21.100.20	Kotalni ležaji	Rolling bearings
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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 8826-2

October 1997

ICS 01.100.20; 21.100.20

Descriptors: See ISO document

English version

Technical drawings - Rolling bearings - Part 2: Detailed
simplified representation (ISO 8826-2:1994)

Dessins techniques - Roulements - Partie 2:
Représentation simplifiée particulière (ISO 8826-2:1994)

Technische Zeichnungen - Wälzlager - Teil 2: Detaillierte
vereinfachte Darstellung (ISO 8826-2:1994)

This European Standard was approved by CEN on 12 September 1997.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

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EN ISO 8826-2:1997

Foreword

The text of the International Standard from Technical Committee ISO/TC 10 "Technical drawings, product definition and related documentation" of the International Organization for Standardization (ISO) has been taken over as an European Standard by CEN/CS.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by April 1998, and conflicting national standards shall be withdrawn at the latest by April 1998.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

Endorsement notice

The text of the International Standard ISO 8826-2:1994 has been approved by CEN as a European Standard without any modification.

NOTE: Normative references to International Standards are listed in annex ZA (normative).

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Annex ZA (normative)
Normative references to international publications
with their relevant European publications

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN</u>	<u>Year</u>
ISO 8826-1	1991	Technical drawings - Rolling bearings - Part 1: General simplified representations	EN ISO 8826-1	1995

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INTERNATIONAL STANDARD

ISO
8826-2

First edition
1994-09-01

Technical drawings — Rolling bearings —

Part 2:

Detailed simplified representation

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Dessins techniques — Roulements —

Partie 2: Représentation simplifiée particulière

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Reference number
ISO 8826-2:1994(E)

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.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 8826-2 was prepared by Technical Committee ISO/TC 10, *Technical drawings, product definition and related documentation*.

ISO 8826 consists of the following parts, under the general title *Technical drawings — Rolling bearings*:

- Part 1: *General simplified representation*
- Part 2: *Detailed simplified representation*

Annex A of this part of ISO 8826 is for information only.

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Introduction

ISO 8826 provides rules for the simplified representation of rolling bearings.

The principle of drawing practice is to depict the object to scale using lines. In simplified representations, only essential features are shown, preferably in outline (in order to save time and effort).

The degree of simplification depends on the kind of object represented, the scale of the drawing and the purpose of the documentation. This means that either a general simplified representation or a detailed one may be used. A detailed representation shows more details of rolling bearings, for example the number of rows or the possibility of alignment.

In order to avoid misunderstandings, only one kind of simplification, either the general or the detailed simplified representation, should be used on a drawing.

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Technical drawings — Rolling bearings —

Part 2: Detailed simplified representation

1 Scope

This part of ISO 8826 specifies a detailed simplified representation for various rolling bearings. This representation should be used in cases where it is not necessary to show the exact shape and details of the rolling bearings, for example in assembly drawings.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this part of ISO 8826. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this part of ISO 8826 are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 15:1981, *Rolling bearings — Radial bearings — Boundary dimensions — General plan.*

ISO 104:—¹⁾, *Rolling bearings — Thrust bearings — Boundary dimensions, general plan.*

ISO 355:1977, *Rolling bearings — Metric tapered roller bearings — Boundary dimensions and series designations.*

ISO 582:—²⁾, *Rolling bearings — Metric series — Chamfer dimension limits.*

ISO 1206:1982, *Needle roller bearings — Light and medium series — Dimensions and tolerances.*

ISO 3030:1974, *Needle roller bearings — Needle roller and cage assemblies — Metric series — Part 1: Radial needle roller and cage assemblies — Boundary dimensions and tolerances.*

ISO 3031:1979, *Needle roller bearings — Thrust needle roller and cage assemblies, thrust washers — Dimensions and tolerances.*

ISO 3245:1974, *Rolling bearings — Needle roller bearings, drawn cup, without inner ring — Metric series — Boundary dimensions and tolerances.*

ISO 8443:1985, *Radial ball bearings with flanged outer ring — Flange dimensions.*

ISO 8826-1:1989, *Technical drawings — Rolling bearings — Part 1: General simplified representation.*

ISO 9628:1992, *Rolling bearings — Insert bearings and eccentric locking collars.*

1) To be published. (Revision of ISO 104:1979)

2) To be published. (Revision of ISO 582:1979)