

**Konstruksioonilaagrid. Osa 11:
Transportimine, ladustamine ja
paigaldamine**

Structural bearings - Part 11: Transport, storage and installation

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 1337-11:2000 sisaldab Euroopa standardi EN 1337-11:1997 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 11.01.2000 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 1337-11:2000 consists of the English text of the European standard EN 1337-11:1997.</p> <p>This document is endorsed on 11.01.2000 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p>Käsitlusala: See standard kehtib selliste kandetarindite transportimise, ladustamise ja paigaldamise kohta, mida kasutatakse sildade või muude samalaadseid kandetarindeid nõudvate rajatiste ehitamisel.</p>	<p>Scope: See standard kehtib selliste kandetarindite transportimise, ladustamise ja paigaldamise kohta, mida kasutatakse sildade või muude samalaadseid kandetarindeid nõudvate rajatiste ehitamisel.</p>
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Võtmesõnad: eristuskiri, kasutuselevõtt, kokkupanek, ladustamine, montaažitingimused, transport, tsiviilehitus, tugiseadmed

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Descriptors: Building construction, bearings.

English version

Structural bearings

Part 11: Transport, storage and installation

Appareils d'appui structuraux –
Partie 11: Transport, entreposage
intermédiaire et montage

Lager im Bauwesen – Teil 11:
Transport, Zwischenlagerung und
Einbau

This European Standard was approved by CEN on 1997-10-24.

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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.

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CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

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Foreword

This European Standard has been prepared by Working Group 1 of Technical Committee CEN/TC 167 "Structural bearings", the secretariat of which is held by UNI.

This European Standard prEN 1337 "Structural bearings" consists of the following 11 Parts:

- Part 1 – General design rules
- Part 2 – Sliding elements
- Part 3 – Elastomeric bearings
- Part 4 – Roller bearings
- Part 5 – Pot bearings
- Part 6 – Rocker bearings
- Part 7 – Spherical and cylindrical PTFE bearings
- Part 8 – Guided bearings and restrained bearings
- Part 9 – Protection
- Part 10 – Inspection and maintenance
- Part 11 – Transport, storage and installation

This Part 11 - Transport, storage and installation includes annex A (informative) and annex B (informative).

Further to CEN/TC 167 decision Part 1 and Part 2 form a package of standards and they come into force together, while the other parts come into force separately after the publication of Part 1 and Part 2.

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 May 1998, and conflicting national standards shall be withdrawn at the latest by May 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.

1 Scope

This standard is applicable to the transport, storage and installation of bearings used in the construction of bridges or of structures requiring comparable bearing systems.

2 Normative references

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.

ENV 206 Concrete – Performance, production, placing and compliance criteria

prEN 1337-1:1993 Structural bearings – Part 1: General design rules

prEN 1337-2 Structural bearings – Part 2: Sliding elements

prEN 1337-9 Structural bearings – Part 9: Protection

prEN 1337-3 Structural bearings – Part 3: Elastomeric bearings

3 General requirements

Packaging of bearings shall be such that damages during transport will not occur.

Handling and installation of bearings shall only be carried out by qualified personnel whose knowledge and qualifications shall be proved.

Bearings shall be handled with care and protected from damage and contamination. If unsuitable for lifting by hand, permanent or temporary attachments shall be provided to facilitate handling by mechanical means.

The bearing installation drawing, specified in clause 4 of this standard, shall be available on site.

Unloading of bearings from transport shall be done by means of cranes and elevators which carry the bearings by the lifting devices provided (elements with loops). Chain blocks with hooks shall be used when lifting bearings by crane or pulley (bridges constructed by incremental launching).

If bearings are not installed in the structure immediately after delivery they shall be stored by the user on an appropriate substrate, e.g. on planks, being provided with a protective cover and ventilated from underneath. The interim storage shall be such that the bearings will not be polluted or damaged by exposure to weather (heat, rain, snow or hail) nor by contaminants or other deleterious effects such as ongoing work on site or traffic on site.

4 Bearing installation drawing

A bearing installation drawing showing all the data required for the installation (such as dimensions, levels, inclinations, lateral and longitudinal position, tolerances, qualities of the construction material in the bearing joint, pre-setting of the bearing as a function of temperature of the structure) shall be prepared.

The bearing installation drawing may be combined with the drawing of the bearing system to form a single design document.