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Möbler för kontorsmiljö – Kontorsarbetsstolar – Del 2: Säkerhetskrav

Office furniture – Office work chair – Part 2: Safety requirements

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Denna standard ersätter SS-EN 1335-2, utgåva 1.

The European Standard EN 1335-2:2009 has the status of a Swedish Standard. This document contains the official English version of EN 1335-2:2009.

This standard supersedes the Swedish Standard SS-EN 1335-2, edition 1.

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 1335-2

April 2009

ICS 97.140

Supersedes EN 1335-2:2000

English Version

Office furniture - Office work chair - Part 2: Safety requirements

Mobilier de bureau - Sièges de travail de bureau - Partie 2:
Exigences de sécurité

Büromöbel - Büro-Arbeitsstuhl - Teil 2:
Sicherheitsanforderungen

This European Standard was approved by CEN on 28 February 2009.

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 CEN Management Centre 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 CEN Management Centre has the same status as the official versions.

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Foreword

This document (EN 1335-2:2009) has been prepared by Technical Committee CEN/TC 207 "Furniture", the secretariat of which is held by UNI.

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of an identical text or by endorsement, at the latest by October 2009, and conflicting national standards shall be withdrawn at the latest by October 2009.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 1335-2:2000.

This series consist of following parts:

EN 1335-1, *Office furniture — Office work chair — Part 1: Dimensions — Determination of dimensions*;

EN 1335-2, *Office furniture — Office work chair — Part 2: Safety requirements*;

EN 1335-3, *Office furniture — Office work chair — Part 3: Test methods*.

The main changes with respect to the previous edition are listed below:

- a) castor durability (former 6.2) has been defined as functional test;
- b) foot rest stability and foot rest static load have been defined as safety test.

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

1 Scope

This part of EN 1335 specifies the mechanical safety requirements for office work chairs.

The requirements are based upon use for 8 h a day by persons weighing up to 110 kg. For more severe conditions of use, increased requirements will be necessary.

Annex A (normative) includes loads, masses and cycles for safety tests.

Additional loads, masses and cycles for functional tests can be found in EN 1335-3:2009, Annex C.

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.

EN 1335-1:2000, *Office furniture — Office work chair — Part 1: Dimensions — Determination of dimensions*

EN 1335-3:2009, *Office furniture — Office work chair — Part 3: Test methods*

EN 12529:1998, *Castors and wheels — Castors for furniture — Castors for swivel chairs — Requirements*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1

castor

assembly comprising a housing, one or more wheels, an axle and, if required, accessories

[EN 12529:1998]

4 Safety requirements

4.1 General design requirements

4.1.1 Corners and edges, trapping, pinching and shearing

The chair shall be so designed as to minimise the risk of injury to the user.

All parts of the chair with which the user comes into contact during intended use, shall be so designed that physical injury and damage to property are avoided.

These requirements are met when:

- a) the safety distance of accessible movable parts is either ≤ 8 mm or ≥ 25 mm in any position during movement;
- b) accessible corners are rounded with minimum 2 mm radius;