

Playing field equipment — Basketball equipment — Functional and safety requirements, test methods

The European Standard EN 1270:1998, with the incorporation of amendment A1:2000, has the status of a British Standard

ICS 97.220.30

National foreword

This British Standard is the English language version of EN 1270:1998, including amendment A1:2000. It supersedes BS 1892-2.7:1986 which is withdrawn.

The start and finish of text introduced or altered by amendment is indicated in the text by tags **A1** **A1**. Tags indicating changes to CEN text carry the number of the CEN amendment. For example, text altered by CEN amendment A1 is indicated by **A1** **A1**.

The UK participation in its preparation was entrusted to Technical Committee SW/14, Gymnasium and sports equipment, which has the responsibility to:

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- present to the responsible European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
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Summary of pages

This document comprises a front cover, an inside front cover, the EN title page, pages 2 to 17 and a back cover.

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English version

Playing field equipment — Basketball equipment — Functional and safety requirements, test methods

(includes amendment A1:2000)

Equipements de jeux —
Equipements de basket-ball —
Exigences fonctionnelles et de sécurité, méthodes
d'essai
(inclut l'amendement A1:2000)

Spielfeldgeräte —
Basketballgeräte —
Funktionelle und sicherheitstechnische
Anforderungen, Prüfverfahren
(enthält Änderung A1:2000)

This European Standard was approved by CEN on 21 November 1997.
Amendment A1 was approved by CEN on 10 September 2000.

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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 Technical Committee CEN/TC 136, Sports, playground and other recreational equipment, the Secretariat of which is held by DIN.

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of an identical text or by endorsement, at the latest by July 1998, and conflicting national standards shall be withdrawn at the latest by July 1998.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.

For ceiling mounted basketball equipment — type 5 — and wall mounted — type 4 — the safety requirements for fixing, lifting and movement of equipment are not yet specified in this standard but are under preparation.

Foreword to amendment A1

This amendment EN 1270:1998/A1:2000 to the EN 1270:1998 has been prepared by Technical Committee CEN/TC 136, Sports, playground and other recreational equipment, the Secretariat of which is held by DIN.

This amendment to the European Standard EN 1270:1998 shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by March 2001, and conflicting national standards shall be withdrawn at the latest by March 2001.

The purpose of Amendment 1 to EN 1270:1998 is to modify Figure 8, Table 3, Table 4, Figure 10, 3.3.2, 3.4.2, 4.3, Figure A.1 and Figure A.3.

With resolution CEN/TC 136/SC 2 60 (Vienna 5 – 1999) CEN/TC 136/SC 2 agreed to an amendment to EN 1270:1998 which became necessary due to the modifications of FIBA as proposed in document N 193m. This resolution was adopted by CEN/TC 136 with resolution CEN/TC 136/112 (Vienna 2 –1999) using the UAP procedure of 6 months.

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

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1 Scope

This European Standard specifies functional requirements (see Clause 3) and safety requirements (see Clause 4) for basketball equipment.

This European Standard is applicable to eight types of basketball equipment within the classes A to E (see 3.1).

This European Standard is not applicable to home basketball equipment, which is considered to be covered by EN 71-1.

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.

EN 913:1996, *Gymnastic equipment — General safety requirements and test methods*.

EN 10025, *Hot-rolled products of non-alloy structural steels — Technical delivery conditions*.

ISO 2062, *Textiles — Yarns from packages — Determination of single-end breaking force and elongation at break*.

3 Requirements

3.1 Classification

Basketball equipment shall be classified by the design (types) and the free space (see Table 2) as typical performance criterion (classes) as shown in Table 1 and Table 2.

Table 1 — Types

Type	Description	Example
1	Free-standing 3 250 mm and 2 250 mm extension	Figure 1
2	Free-standing (other extensions)	Figure 2
3	Folding	Figure 3
4	Fixed wall mounted	Figure 4
5	Ceiling mounted	Figure 5
6	Removable with sockets	Figure 6
7	Fixed in the ground	Figure 7
8	Adjustable with height setting from 2 600 mm to 3 050 mm	
NOTE Specifications concerning fixing are under preparation.		

Table 2 — Classes

Dimensions in millimetres

Class	Free space min.	Remark
A	3 250	*)
B	2 250	
C	1 650	
D	1 200	
E	Any other ($\leq 1\,200$)	
*) In line with/with interpretation of FIBA (Fédération Internationale de Basketball) rules.		

Rings shall be classified as either:

- a) fixed rings; or
- b) pressure release rings.

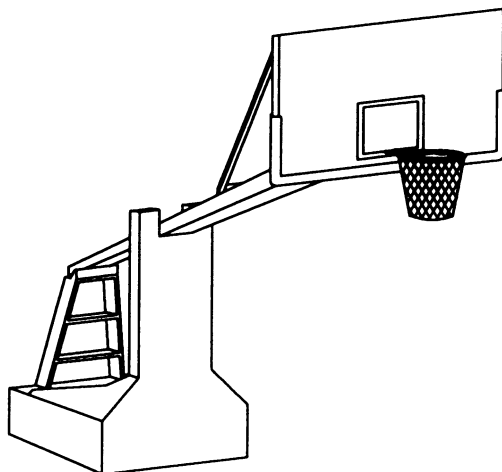


Figure 1 — Example of type 1

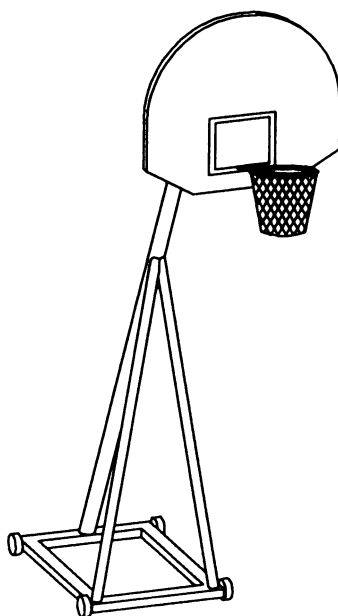


Figure 2 — Example of type 2