

## საქართველოს ეროვნული სტანდარტი

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საქართველოს სტანდარტების, ტექნიკური რეგლამენტების  
და მეტროლოგიის ეროვნული სააგენტო  
თბილისი

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English version

Inflatable boats - Part 2: Boats with a maximum motor power  
rating of 4,5 kW to 15 kW inclusive (ISO 6185-2:2001)

Bateaux pneumatiques - Partie 2: Bateaux équipés d'un  
moteur d'une puissance maximale comprise entre 4,5 kW  
et 15 kW inclus (ISO 6185-2:2001)

Aufblasbare Boote - Teil 2: Boote mit einer  
Motorhöchstleistung von 4,5 kW bis 15 kW (ISO 6185-  
2:2001)

This European Standard was approved by CEN on 10 November 2001.

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 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 Management Centre 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.



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

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## Foreword

This document (ISO 6185-2:2001) has been prepared by Technical Committee ISO/TC 188 "Small craft" in collaboration with CMC.

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of an identical text or by endorsement, at the latest by May 2002, and conflicting national standards shall be withdrawn at the latest by May 2002.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For relationship with EU Directive(s), see informative annex ZB, which is an integral part of this document.

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 6185-2:2001 has been approved by CEN as a European Standard without any modifications.

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

## 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 (including amendments).

NOTE Where an International Publication has been modified by common modifications, indicated by (mod.), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN</u>	<u>Year</u>
ISO 8665	1994	Small craft - Marine propulsion engines and systems - Power measurements and declarations	EN ISO 8665	1995
ISO 9775	1990	Small craft - Remote steering systems for single outboard motors of 15 kW to 40 kW power	EN 29775	1993
ISO 11591	2000	Small craft, engine-driven - Field of vision from helm position	EN ISO 11591	2000
ISO 12215-1	2000	Small craft - Hull construction and scantlings - Part 1: Materials: Thermosetting resins, glass-fibre reinforcement, reference laminate	EN ISO 12215-1	2000
ISO 2411	2000	Rubber- or plastics-coated fabrics - Determination of coating adhesion	EN ISO 2411	2000
ISO 10592	1994	Small craft - Hydraulic steering systems	EN ISO 10592	1995

**Annex ZB (informative)****Clauses of this European Standard addressing essential requirements or other provisions of EU Directives**

This European Standard has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association and supports essential requirements of EU Directive 94/25/EC.

**WARNING:** Other requirements and other EU Directive may be applicable to the product(s) falling within the scope of this standard.

The following clauses of this standard, as detailed in Table ZB.1, are likely to support requirements of Directive 94/25/EC.

Compliance with the clauses of this standard provides one means of conforming with the specific essential requirements of the Directive concerned and associated EFTA regulations.

**Table ZB.1: Correspondence between this European Standard and EU Directives**

Clauses/sub-clauses of this European Standard	Corresponding annexes/ paragraphs of Directive 94/25/EC	Comments
4, 5.1, 5.2, 5.3, 5.4, 5.5, 5.11, 6.5, 6.6, 7.2, A.2	3.1 Structure	
5.7, 5.8	5.4 Steering system	
5.10, 7.4	3.9 Towing	
6.1, 6.4, A.3	3.6 Maximum load	
6.2, 6.9.2, 7.2, 7.3, 7.5, A.4	4 Handling characteristics	
6.3	3.2 Stability	Design Category D and C only. Apply EN ISO 12217 for Category B or A.
6.7, 6.9, 6.10	3.3 Buoyancy and flotation	
6.8	2.3 Means of reboarding	
6.11	2.4 Visibility for steering	
7.6, 5.6	3.5 Flooding	
9	2.5 Owner's manual	

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**Inflatable boats —**

**Part 2:**

**Boats with a maximum motor power rating  
of 4,5 kW to 15 kW inclusive**

*Bateaux pneumatiques —*

*Partie 2: Bateaux équipés d'un moteur d'une puissance maximale comprise  
entre 4,5 kW et 15 kW inclus*



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## 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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 3.

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.

Attention is drawn to the possibility that some of the elements of this part of ISO 6185 may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

International Standard ISO 6185-2 was prepared by Technical Committee ISO/TC 188, *Small craft*.

ISO 6185-2, together with ISO 6185-1 and ISO 6185-3, cancel and replace ISO 6185:1982. They differ significantly from ISO 6185:1982 as they cover boats made from unsupported materials, whereas the latter only covered boats made from reinforced materials.

ISO 6185 consists of the following parts, under the general title *Inflatable boats*:

- *Part 1: Boats with a maximum motor power rating of 4,5 kW*
- *Part 2: Boats with a maximum motor power rating of 4,5 kW to 15 kW inclusive*
- *Part 3: Boats with a maximum motor power rating of 15 kW and greater*

Annex A forms a normative part of this part of ISO 6185. Annex B is for information only.

## Introduction

ISO 6185 is subdivided into three parts as shown in Figure 1.

It excludes:

- single-chambered boats,
- boats of buoyancy less than 1 800 N,
- boats made from unsupported materials of more than 12 kN inflated buoyancy and powered by motors exceeding 4,5 kW, and
- boats greater than 8 m in overall length.

It is not applicable to:

- aquatic toys, and
- inflatable liferafts.

Part 1:

- |          |   |
|----------|---|
| Type I   | Boats propelled exclusively by manual means.              |
| Type II  | Powered boats not exceeding 4,5 kW.                       |
| Type III | Canoes and kayaks.  |
| Type IV  | Sail craft with a maximum sail area of 6 m <sup>2</sup> . |

Part 2:

- |         |   |
|---------|---|
| Type V  | Powered boats of 4,5 kW to 15 kW inclusive.               |
| Type VI | Sail craft with sail area greater than 6 m <sup>2</sup> . |

Part 3:

- |           |  |
|-----------|--|
| Type VII  | Powered boats of 15 kW and greater.          |
| Type VIII | Powered offshore boats of 75 kW and greater. |

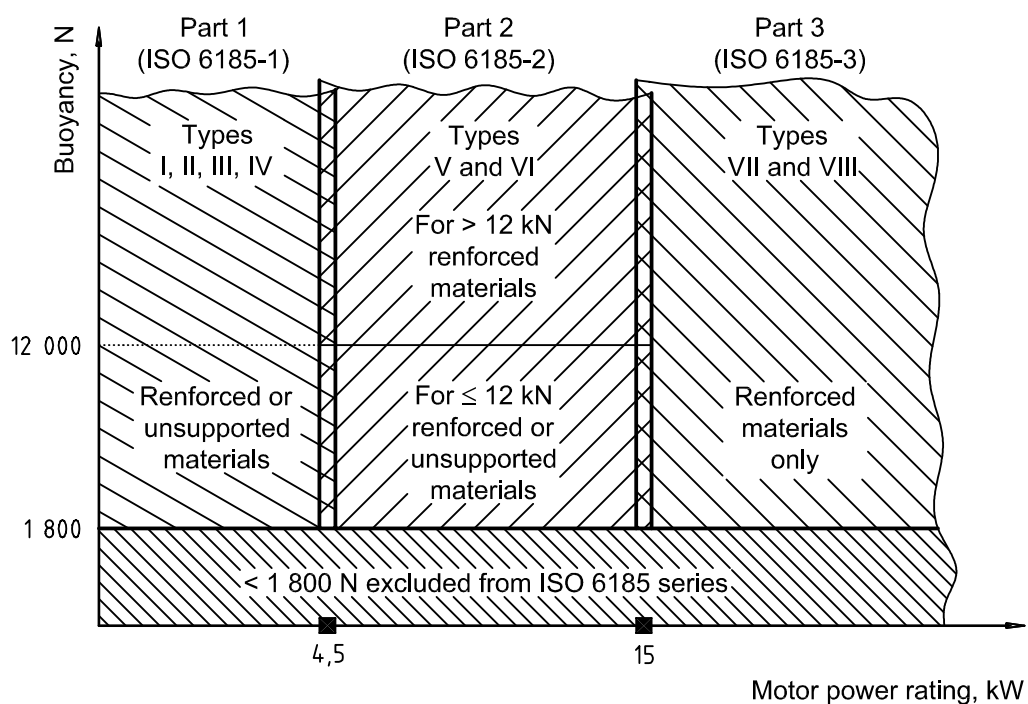


Figure 1 — Illustration of how the three parts of ISO 6185 are divided