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First edition
2011-07-01

Inflatable boats —

Part 4:

**Boats with a hull length of between 8 m
and 24 m with a motor power rating of
15 kW and greater**

Bateaux pneumatiques —

*Partie 4: Bateaux d'une longueur de coque comprise entre 8 m et 24 m
et d'une puissance moteur nominale supérieure ou égale à 15 kW*



Reference number
ISO 6185-4:2011(E)

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Published in Switzerland

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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 2.

The main task of technical committees is to prepare International Standards. 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 document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 6185-4 was prepared by Technical Committee ISO/TC 188, *Small craft*.

This first edition, together with ISO 6185-1, ISO 6185-2 and ISO 6185-3, cancels and replaces ISO 6185:1982, which has been technically revised.

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*
- *Part 4: Boats with a hull length of between 8 m and 24 m with a motor power rating of 15 kW and greater*

Introduction

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

It excludes

- a) single-chamber boats,
- b) boats of less than 1 800 N buoyancy, and
- c) boats made from unsupported materials of more than 12 kN inflated buoyancy and powered by motors of power $P > 4,5$ kW.

It is not applicable to aquatic toys, nor to inflatable liferafts which are specified in ISO 9650.

ISO 6185-1:

- Type I Boats with $L_H < 8$ m propelled exclusively by manual means.
- Type II Powered boats with $L_H < 8$ m with a power $P \leq 4,5$ kW.
- Type III Canoes and kayaks with $L_H < 8$ m.
- Type IV Sail boats with $L_H < 8$ m with a sail area less than or equal to 6 m^2 .

ISO 6185-2:

- Type V Powered boats with $L_H < 8$ m with a power $4,5 \text{ kW} < P \leq 15 \text{ kW}$.
- Type VI Sail boats with $L_H < 8$ m with a sail area greater than 6 m^2 .

ISO 6185-3:

- Type VII Powered boats with $L_H < 8$ m with a power $P \geq 15 \text{ kW}$.
- Type VIII Powered boats with $L_H < 8$ m with a power $P \geq 75 \text{ kW}$.

ISO 6185-4:

- Type IX Powered boats (design categories C and D) with $8 \text{ m} < L_H \leq 24 \text{ m}$ with power $P \geq 15 \text{ kW}$.
- Type X Powered boats (design category B) with $8 \text{ m} < L_H \leq 24 \text{ m}$ with power $P \geq 75 \text{ kW}$.

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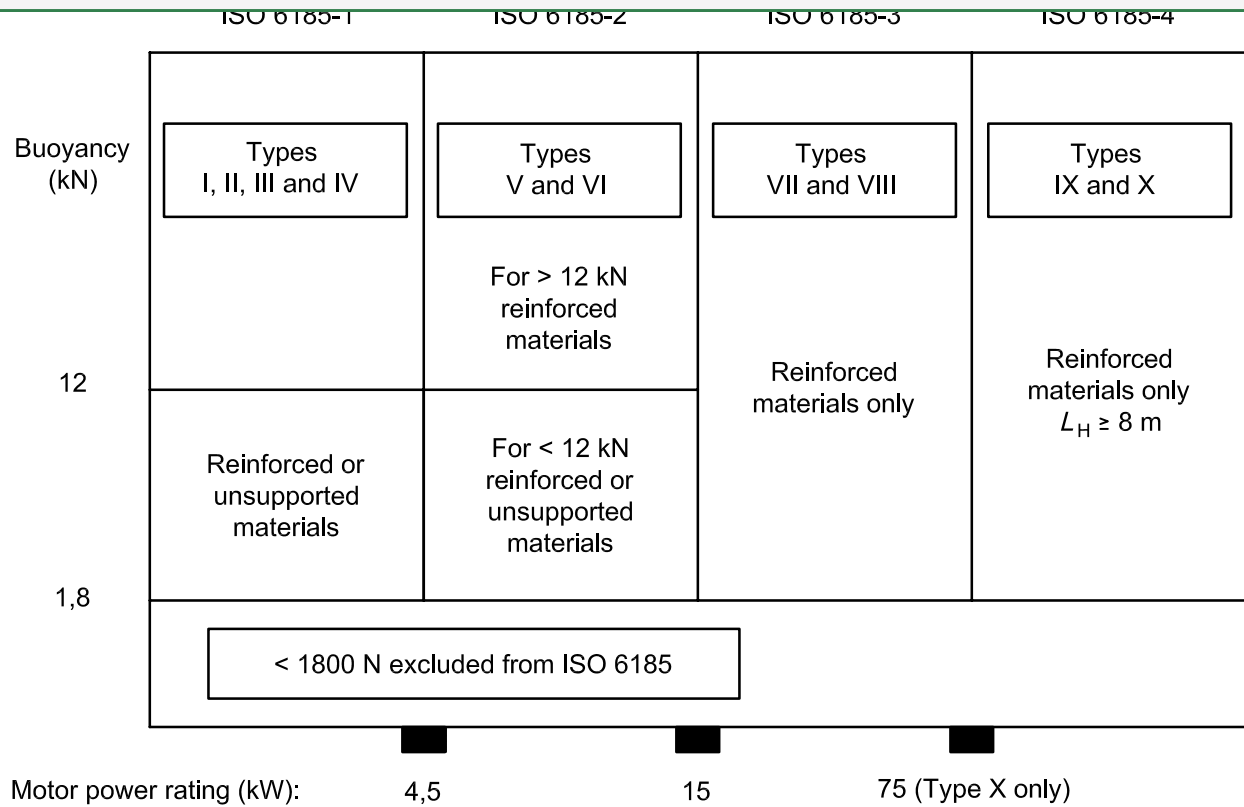


Figure 1 — Illustration of how ISO 6185 is subdivided

This part of ISO 6185 enables the boat to be assigned to a design category appropriate to its design and maximum load. The categories used align with those in the Recreational Craft Directive of the European Union, EU Directive 94/25/EC as amended by Directive 2003/44/EC.