ICS 47.080 SLOVENSKÁ TECHNICKÁ NORMA Máj 2019

STN	**Nafukovacie člny** **Časť 3: Člny s dĺžkou trupu menšou ako 8 m s výkonom motora 15 kW a viac (ISO 6185-3: 2014)**	**STN** **EN ISO 6185-3** 32 8622

Inflatable boats - Part 3: Boats with a hull length less than 8 m with a motor rating of 15 kW and greater (ISO 6185-3:2014)

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 04/19

Obsahuje: EN ISO 6185-3:2018, ISO 6185-3:2014

Oznámením tejto normy sa ruší
STN EN ISO 6185-3 (32 8622) z februára 2015

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN ISO 6185-3

September 2018

ICS 47.080

Supersedes EN ISO 6185-3:2014

English Version

Inflatable boats - Part 3: Boats with a hull length less than 8 m with a motor rating of 15 kW and greater (ISO 6185-3:2014)

Bateaux pneumatiques - Partie 3: Bateaux d'une longueur de coque inférieure à 8 m et d'une puissance moteur assignée supérieure ou égale à 15 kW (ISO 6185-3:2014)

Aufblasbare Boote - Teil 3: Boote mit einer Rumpflänge unter 8 m mit einer Motorleistung von mindestens 15 kW (ISO 6185-3:2014)

This European Standard was approved by CEN on 16 April 2018.

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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

Ref. No. EN ISO 6185-3:2018 E

EN ISO 6185-3:2018 (E)

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European foreword

The text of ISO 6185-3:2014 has been prepared by Technical Committee ISO/TC 188 “Small craft” of the International Organization for Standardization (ISO) and has been taken over as EN ISO 6185-3:2018.

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of an identical text or by endorsement, at the latest by March 2019, and conflicting national standards shall be withdrawn at the latest by March 2019.

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

This document supersedes EN ISO 6185-3:2014.

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 2013/53/EU.

For relationship with EU Directive 2013/53/EU, see informative Annex ZA, 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, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Endorsement notice

The text of ISO 6185-3:2014 has been approved by CEN as EN ISO 6185-3:2018 without any modification.

Annex ZA
(informative)

Relationship between this European Standard and the Essential Requirements of Directive 2013/53/EU aimed to be covered

This European standard has been prepared under a Commission's standardization request M/542 C(2015) 8736 final to provide one voluntary means of conforming to Essential Requirements of Directive 2013/53/EU.

Once this standard is cited in the Official Journal of the European Union under that Directive, compliance with the normative clauses of this standard given in Table ZA.1 confers, within the limits of the scope of this standard, a presumption of conformity with the corresponding Essential Requirements of that Directive and associated EFTA regulations.

Table ZA.1 — Correspondence between this European Standard and Annex I of Directive 2013/53/EU

Essential Requirements of Directive 2013/53/EU	Clause(s)/sub-clause(s) of this EN	Remarks/Notes
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Annex I, Part A, 2.1 - Craft identification	9	
Annex I, Part A, 2.2 - Builder´s plate	9	
Annex I, Part A, 2.3 - Protection from falling overboard and means of reboarding	6.2, 7.9, 7.14, 10	
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Annex I, Part A, 2.5 - Owner´s manual	10, 11	Maintenance and repair information shall be provided in the owner's manual
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Annex I, Part A, 3.2 - Stability and freeboard	7.3, 7.4	Design Category B, C and D only. Apply EN ISO 12217 for Category A
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Annex I, Part A, 3.4 - Openings in hull, deck and superstructure	6.17	
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WARNING 1 — Presumption of conformity stays valid only as long as a reference to this European Standard is maintained in the list published in the Official Journal of the European Union. Users of this standard should consult frequently the latest list published in the Official Journal of the European Union.

WARNING 2 — Other Union legislation may be applicable to the product(s) falling within the scope of this standard

INTERNATIONAL STANDARD

ISO 6185-3

Second edition
2014-08-15

Inflatable boats —

Part 3: Boats with a hull length less than 8 m with a motor rating of 15 kW and greater

Bateaux pneumatiques —

Partie 3: Bateaux d'une longueur de coque inférieure à 8 m et d'une puissance moteur assignée supérieure ou égale à 15 kW

Reference number
ISO 6185-3:2014(E)

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ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

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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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: Foreword - Supplementary information

The committee responsible for this document is ISO/TC 188, *Small craft*.

This second edition cancels and replaces the first edition (ISO 6185-3:2001), 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 hull length less than 8m and with a motor power rating of 15 kW and greater*

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

Introduction

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

— single-chambered boats;

— boats < 1 800 N buoyancy; and

— boats made from unsupported materials > 12 kN inflated buoyancy and powered by motors > 4, 5 kW.

It is not applicable to:

— aquatic toys; and

— inflatable liferafts.

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 ≤ 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 ≤ 6 m^2.

ISO 6185-2:

— Type V Powered boats with L_H < 8 m with power 4,5 kW < P ≤ 15 kW

— Type VI Sail boats with L_H < 8 m with sail area > 6 m^2.

ISO 6185-3:

— Type Vll Powered boats with L_H < 8 m with power ≥ 15 kW.

— Type Vlll Powered boats with L_H < 8 m with power ≥ 75 kW.

ISO 6185-4:

— Type IX Powered boats (design categories C and D) with 8m < L_H ≤ 24 m with power ≥ 15 kW.

— Type X Powered boats (design category B) with 8m < L_H ≤ 24 m with power ≥ 75 kW.

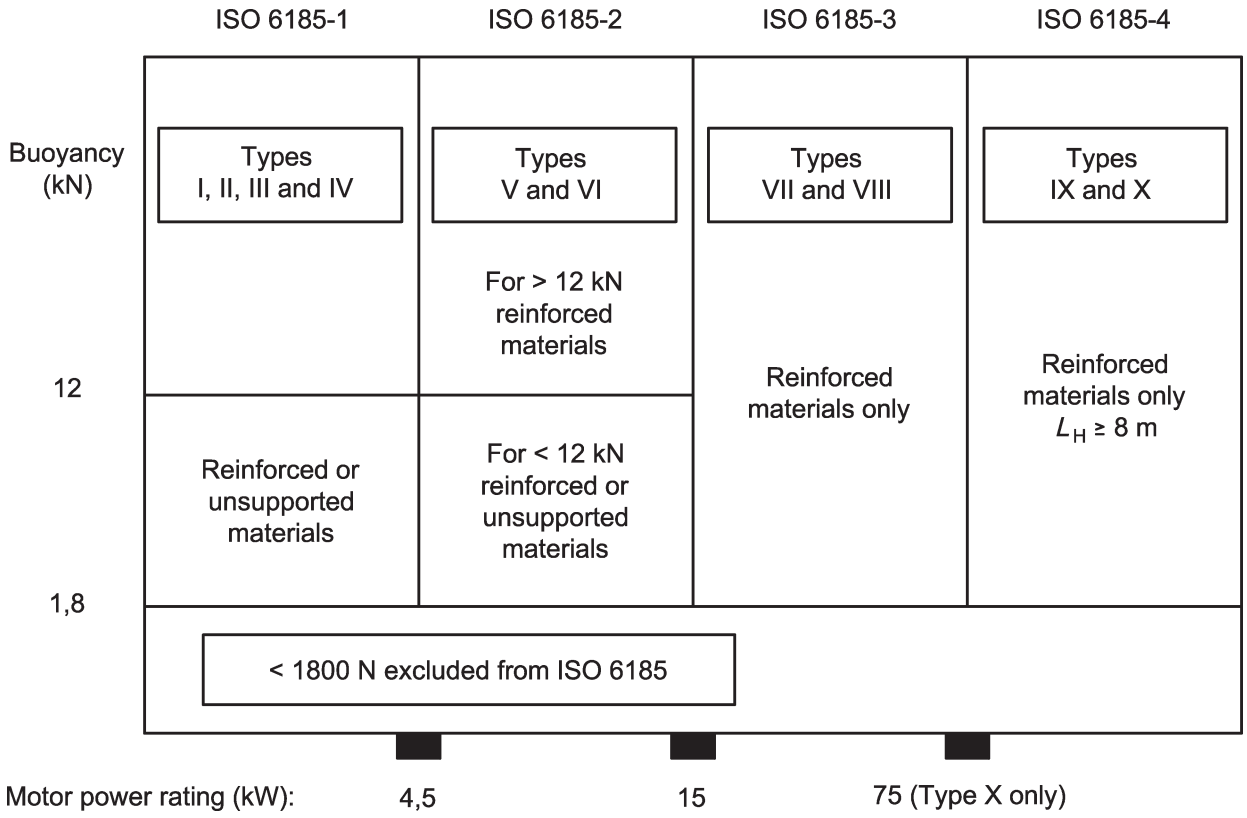

Figure 1 — Illustration of how ISO 6185 is sub-divided

This document 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.

INTERNATIONAL STANDARD **ISO 6185-3:2014(E)**

Inflatable boats —

Part 3:
Boats with a hull length less than 8 m with a motor rating of 15 kW and greater

1 Scope

This part of ISO 6185 specifies the minimum safety characteristics required for the design, materials to use, manufacture and testing of inflatable boats and rigid inflatable boats with a hull length L_H in accordance with ISO 8666 less than 8 m with a motor power rating of 15 kW and greater.

This part of ISO 6185 is applicable to the following types of boats intended for use within the operating temperatures of – 20 °C to + 60 °C:

— Type VII: Powered Boats fitted with a buoyancy tube attached to the port and starboard sides, suitable for navigation in conditions of Design Categories C and D and capable of installing motor power rating of 15 kW and greater.

— Type VIII: Powered Boats fitted with a buoyancy tube attached to the port and starboard sides, suitable for navigation in conditions of Design Category B capable of installing motor power rating of 75kW and greater.

NOTE 1 General arrangements of typical boats of Types VII and VIII are given in Annexes A and B, respectively.

This part of ISO 6185 excludes single-chambered boats and boats made from unsupported materials, and is not applicable to aquatic toys and inflatable liferafts.

NOTE 2 For craft, concerned by the Recreational Craft Directive (RCD) of the European Union, fitted with inboard engines with nonstandard integral exhausts, noise emission requirements need to be considered.

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 314-2, *Plywood - Bonding quality - Part 2: Requirements*

ISO 1817, *Rubber, vulcanized or thermoplastic — Determination of the effect of liquids*

ISO 2411, *Rubber- or plastics-coated fabrics — Determination of coating adhesion*

ISO 3011, *Rubber- or plastics-coated fabrics — Determination of resistance to ozone cracking under static conditions*

ISO 3864-1, *Graphical symbols — Safety colours and safety signs — Part 1: Design principles for safety signs and safety markings*

ISO 4674-1:2003, *Rubber- or plastics-coated fabrics — Determination of tear resistance — Part 1: Constant rate of tear methods*

ISO 4675, *Rubber- or plastics-coated fabrics — Low-temperature bend test*

ISO 6185-4:2011, *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*

ISO 8099, *Small craft — Toilet waste retention systems*

ISO 8666, *Small craft — Principal data*

ISO 8847, *Small craft — Steering gear — Cable and pulley systems*

ISO 8848, *Small craft — Remote steering systems*

ISO 9093, *Small craft — Seacocks and through-hull fittings*

ISO 9094,*Small craft — Fire protection*

ISO 9775, *Small craft — Remote steering systems for single outboard motors of 15 kW to 40 kW power*

ISO 10087, *Small craft — Craft identification — Coding system*

ISO 10088, *Small craft — Permanently installed fuel systems*

ISO 10133, *Small craft — Electrical systems — Extra-low-voltage d.c. installations*

ISO 10239, *Small craft — Liquefied petroleum gas (LPG) systems*

ISO 10240, *Small craft — Owner's manual*

ISO 10592, *Small craft — Hydraulic steering systems*

ISO 11105, *Small craft — Ventilation of petrol engine and/or petrol tank compartments*

ISO 11547, *Small craft — Start-in-gear protection*

ISO 11592, *Small craft less than 8 m length of hull — Determination of maximum propulsion power rating*

ISO 11812:2001, *Small craft — Watertight cockpits and quick-draining cockpits*

ISO 12215-3:2002, *Small craft — Hull construction and scantlings — Part 3: Materials: Steel, aluminium alloys, wood, other materials*

ISO 12215-5, *Small craft — Hull construction and scantlings — Part 5: Design pressures for monohulls, design stresses, scantlings determination*

ISO 12216, *Small craft — Windows, portlights, hatches, deadlights and doors — Strength and watertightness requirements*

ISO 12217-1:2013, *Small craft — Stability and buoyancy assessment and categorization — Part 1: Non-sailing boats of hull length greater than or equal to 6 m*

ISO 12217-3:2013, *Small craft — Stability and buoyancy assessment and categorization — Part 3: Boats of hull length less than 6 m*

ISO 13297, *Small craft — Electrical systems — Alternating current installations*

ISO 14945, *Small craft — Builder's plate*

ISO 14946, *Small craft — Maximum load capacity*

ISO 15084, *Small craft — Anchoring, mooring and towing — Strong points*

ISO 15085:2003[1)]*Small craft — man overboard prevention and recovery*

ISO 15652, *Small craft — Remote steering systems for inboard mini jet boats*

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1) Under revision

ISO 21487, *Small craft — Permanently installed petrol and diesel fuel tanks*