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**NATIONAL STANDARD OF THE  
PEOPLE'S REPUBLIC OF CHINA**

**GB/T 20897.2-2007**

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**Inflatable boats -- Part 2: Boats with a maximum motor power  
rating of 4.5 kW to 15 kW inclusive**

充气艇第2部分:发动机最大额定功率为4.5 kW~15 kW的艇

**(English Translation)**

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## Foreword

GB/T 20897 "inflatable boat" includes the following sections.

- Part 1. engine maximum power rating of 4.5kW boat;
- Part 2. engine maximum power rating of 4.5kW ~ 15kW boat;
- Part 3. engine maximum power rating of 15kW and above the boat.

This section is GB/T Part of 220,897.

This part identical with ISO 6185-2:2001 "Inflatable boats - Part 2. engine maximum rated power of 4.5kW ~ 15kW Boat "(in English).

This section is equivalent translation ISO 6185-2:2001.

For ease of use, this section made the following editorial changes.

- The term "this part of ISO 6185" with the words "GB/T 20897 in this section";
- With a decimal point '. 'Instead of a comma as the decimal point, ' ';
- Remove the foreword and introduction of international standards;
- "Normative references" in the introductory phrase by GB/T 1.1-2000 been modified;

--- Cancel Figure B. Item 19 1.

Appendix A of this section is normative appendix, Appendix B is an informative annex.

This part is proposed by the China State Shipbuilding Corporation.

This part of the National Standardization Technical Committee boat (SAC/TC241) centralized.

## 1 Scope

This section GB/T 20897 specifies the total length of less than 8m, the minimum buoyancy 1800N inflatable boats (including rigid inflatable boats) is provided Minimum safety requirements for design, materials, manufacturing and testing.

This section applies to the intended operating within an ambient temperature range of -15 °C ~ 60 °C the following types of inflatable boats.

--- V type. get engine rated at 4.5kW ~ 15kW inflatable boats;

--- VI type. from an area greater than 6m<sup>2</sup> sail propulsion boat (see Appendix A).

**Note:** The rated power is less than 4.5kW of boats, see GB/T 120 897 Part of the rated power is greater than 15kW of boats, see ISO 6185-3.

This section does not include a single cabin boats and buoyancy is greater than 12kN and engine power greater than 4.5kW, the boat made no material support, not Suitable for water sports boats and inflatable life rafts.

## 2 Normative references

The following documents contain provisions which, through reference GB/T 20897 in this section constitute provisions of this section. For dated reference documents Member, all subsequent amendments (not including errata content) or revisions do not apply to this section, however, encouraged to reach under this section Parties to research agreement to use the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

GB/T 11700 Small craft marine propulsion engines and propulsion power measuring device and calibration (GB/T 11700-2003, ISO 8665:1994, IDT) GB/T 18815 motorized boat steering parts Perspective (GB/T 18815-2002, ISO 11591:2000, IDT) GB/T 19314.1 Small craft hull construction and scantlings - Part 1. Materials. Thermosetting resins, glass fiber reinforced plastic, Reference laminate (GB/T 19314-2003, ISO 12215-1:2000, IDT) GB/T 19318 Small craft - Hydraulic steering system (GB/T 19318-2003, ISO 10592:1994, IDT) ISO 1817:2005 Determination of vulcanized rubber liquid influence

2000 Determination of rubber or plastic coated fabric coating adhesive strength. ISO 2411

ISO 3011:1997 Determination of ozone cracking of rubber or plastic coated fabric anti-static conditions ISO 4646. 1989 Rubber or plastic coated fabrics - Low-temperature impact test ISO 4674. 1977 Rubber or plastic coated fabrics tear test ISO 15652:2003 Small craft - Remote steering systems small jet boats

### **3 Terms and Definitions**

The following terms and definitions apply to this section.

Inflatable medium to form all or a portion of a predetermined shape and buoyancy, designs and shapes can withstand the forces and movements from a variety of sea conditions, in water Personnel and/or loading of goods buoyant structure (hull) on the transport.

The lower part of the hull is rigid unit, the upper part (inflatable hull) by filling medium having a predetermined shape and buoyancy (or part GB/T 20897.2-2007/ISO 6185-2:2001