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

GB/T 20897.3-2017

**Inflatable boats -- Part 3: Boats with a maximum motor power
rating of 15 kW and greater**

充气艇 第3部分：发动机最大额定功率为15 kW及以上的艇

(English Translation)

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Foreword

GB/T 20897 "Inflatable boats" includes the following sections.

- Part 1. Engine with a maximum rated power of 4.5kW;
- Part 2. Engine maximum rated power of 4.5kW ~ 15kW boat;
- Part 3. Engine maximum rated power of 15kW and above the boat.

This section GB/T 20897 Part 3.

This section drafted in accordance with GB/T 1.1-2009 given rules.

This section uses the translation method is equivalent to using ISO 6185-3:2001 "Inflatable boat Part 3. The maximum rated power of the engine is 15kW and above the boat. " the documents of our country that are consistent with the corresponding international documents quoted in this part are as follows.

- GB/T 1690-2010 vulcanized or thermoplastic rubber liquid-resistant test methods (ISO 1817:2005, MOD)
- GB/T 16273.1-1996 graphical symbols for use in equipment - Part 1. General symbols (ISO 7000:1989, NEQ)
- GB/T 16273.2-1996 Graphical symbols for machine symbols General symbols (ISO 7000:1989, NEQ)
- GB/T 16273.3-1999 Graphical symbols for equipment - General symbols for welding equipment (ISO 7000:1989, NEQ)
- GB/T 16273.5-2002 Graphic symbols for equipment - Part 5. General symbols for plastics machinery (ISO 7000:1989, NEQ)
- GB/T 16273.6-2003 Graphical symbols for use in equipment - Part 6. Transport, vehicle inspection and installation in machinery General symbols (ISO 7000:1989, NEQ)
- GB/T 19918-2005 small boat graphic symbols (ISO/DIS11192.2000, IDT)
- HG/T 2581.1-2009 Rubber or plastics coated fabrics - Determination of tear resistance -

Part 1. Constant speed tear method (ISO 4674-1:2003, IDT)

--- HG/T 2581.2-2009 Rubber or plastics coated fabrics - Determination of tear resistance - Part 2 - Impact pendulum method (ISO 4674-2:1998, IDT) this part is proposed by China State Shipbuilding Corporation.

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

This part of the drafting unit. China Shipbuilding Industry and Technology Institute of integrated economy.

1 Scope

GB/T 20897 provisions of this part of the total length of less than 8m, the minimum buoyancy 1800N inflatable boats (including rigid inflatable boats) set the minimum safety requirements for meters, materials, manufacture and testing.

This section applies to the following types of inflatable boats intended for operation at an ambient temperature of -20 ° C to 60 ° C.

--- VII type. Can get the engine rated power of 15kW and above the inflatable boat;

--- VIII type. Can get the engine rated power of 75kW and above, and the stability factor greater than 250 inflatable boats.

Notes 1. Appendix A and Appendix B give the total layout of Type VII and VIII typical boats, respectively.

Note 2: For boats rated at 4.5 kW and below, see Part 1 of GB/T 20897. For the rated power of 4.5kW ~ 15kW boats, See Part 2 of GB/T 20897.

This section does not include single-craft and boats made of unsupported materials, and does not apply to water sports boats and inflatable liferafts.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version applies to this article Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB/T 11700-2009 Small boat propulsion reciprocating internal combustion engine power measurement and calibration (ISO 8665:2006, IDT) GB/T 12584-2008 rubber or plastic coated fabric low temperature impact test (ISO 4646:1989, IDT) GB/T 17844-1999 Small remote control steering system (ISO 8848:1990, IDT) GB/T 17846-2009 Small boat DC electric bilge pump (ISO 8849:2003, IDT) GB/T 17847-1999 Small electric blower (ISO 9097:1991, IDT) GB/T 18815-2002 Boat steering area of vision (ISO 11591:2000, IDT)

GB/T 18822-2002 Determination of the maximum propulsion power of small boats with a hull length of less than 8 m (ISO 11592:2001, IDT) GB/T 19310-2003 Dinghy permanently installed fuel system and fixed fuel tank (ISO 10088:2001, IDT) GB/T 19311-2003 Small boat electrical system ultra-low voltage DC device (ISO 10133:2000, IDT) GB/T 19312-2003 Ventilation of dinghy petrol and/or petrol cabinet compartments (ISO 11105:1997, IDT) GB/T 19314.1-2003 boat hull structure and component dimensions - Part 1. Materials - thermosetting resin, glass fiber reinforced Plastic, Base laminate (ISO 12215-1:2000, IDT) GB/T 19316-2008 small craft small inboard jet remote control steering system (ISO 15652:2003, IDT) GB/T 19318-2003 Dinghy hydraulic steering system (ISO 10592:1994, IDT) HG/T 2716-2008 Determination of Static Ozone Resistance to Cracking of Rubber or Plastics Coated Fabrics (ISO 3011:1997, IDT) HG/T 3052-2008 Rubber or plastics coated fabrics - Determination of adhesion strength (ISO 2411:2000, IDT) ISO 1817:1999 vulcanized or thermoplastic rubber liquid-resistant test methods (Rubber, vulcanized- Determination of the effect of liquids) ISO 4674:1977 Determination of rubber or plastic coated fabric tear resistance (Fabrics coated with rubber or plastics-Determination of tear resistance)