

6 米快速救助艇  
(喷水推进)  
6M FAST RESCUE BOAT  
(WATER-JET)

技术规格书  
Technical Specification

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## 1 Design Basis 设计基础

Meet the requirement of " 1974 international convention for safety of life at sea" 2006 amendments MSC.216(82) , International Life-Saving Appliances Code (LSA)and amendments MSC.218(82) & MSC.272(85), Testing of Life-Saving Appliances (MSC. 81(70) and amendments MSC.226(82) & MSC.274(85)&MSC.323(89).

满足《1974 年国际海上人命安全公约》2006 年修正案 MSC.216(82); 国际救生设备规则(LSA CODE)及其修正案 MSC.218(82)及 MSC.272(85); 海安会 MSC.81(70) 决议通过《救生设备试验》及其修正案 MSC.226(82) 及 MSC.274(85)&MSC.323(89)。

## 2 Main Parameters 主要参数

Length of Hull 艇长	6.00 m
Breadth of Hull 艇宽	2.30 m
Depth of Hull 艇深	0.87 m
Occupants 乘员(82.5kg per person)	
Speed 航速	乘员 3 人时, 航速≥ 25 节 When 3 persons, speed ≥29 knots

艇重(含油, 属具) Weight include fuel oil、equipment : 1425kg

## 3 Material 材料

**3.1** The hull is constructed by hand lay up with G.R.P. material. The hull and the deck are separately laminated . The space between the hull and the deck is filled with polyurethane foam as buoyancy.

艇体用玻璃钢材料手工铺层制作, 艇体和甲板分别铺层, 在艇体和甲板之间充填聚氨脂泡沫作浮力材料

**3.2** All mats , woven roving and resins applied on boat is accompanied by classification society certificates

所有用在艇上的毡、玻璃布和树脂都有船级社证书

**3.3** All fittings on this boat are made of stainless steel, marine grade aluminum or galvanized steel. In order to increase the boat's corrosion-resistant performance.

为了增加艇的防腐性能, 所有艇上的配件都采用不锈钢、船用铝合金或镀锌钢

## 4 Stability and Buoyancy 稳性和浮性

**4.1** The polyurethane foam filled in the space between the hull and the deck provides sufficient buoyancy for the rescue boat to prevent the boat from sinking when damaged.

当艇破损时, 艇体和甲板之间充填的聚氨脂泡沫能提供足够的浮力防止救助艇沉没。

- 4.2** The boat is designed to be of sufficient stability and freeboard when it's loaded with its complements and equipment.  
救助艇在满载情况下有充分的稳性和足够的干舷
- 4.3** the boat is capable of self-righting when capsizing  
当发生倾覆时，本艇具有自扶正功能。

## **5 Strength 强度**

The construction of the boat is designed according to relevant rules to ensure that the fast rescue boat shall be so constructed as to capable of being safely launched and retrieved under adverse weather and sea conditions. and has enough strength

根据相关规范设计的快速救助艇构造能确保在各种恶劣天气和海况下能安全降放和回收，并有足够的强度。

## **6 Release system 释放系统**

The rescue boat is launched and recover by the reuse boat davit on boat carrier. The quick release hook to be fitted on the console.

救助艇用母船上的一台救助艇吊机释放和回收，快速释放吊钩被安装在操控台上。

## **7 Engine and steering system 发动机和操舵系统**

### **7.1** The rescue boat is powder by an diesel engine

救助艇用一台内置柴油机驱动

#### **7.1.1** 发动机 engine

Type/型号: SY144C

Power 功率: 96KW

Rotate speed 发动机转速: 3600r/min

Starting system 启动方式: Electric start 电启动

Pump Type: SY230 (喷水推进)

#### **7.1.2** Fuel oil tank 燃油箱

Materail 材料: SUS.不锈钢

Capacity 容量: 150L

No. of set 数量: 1 set

#### **7.1.3** Emergency tiller 应急舵柄

Materail 材料: SUS.不锈钢

No. of set 数量: 1 set

### **7.2** For detailed operation procedure of the diesel engine. Please refer to the instruction manual supplied with the engine.

更多主机操作程序细节，请参考随机提供的说明手册

## **8 Electrical equipment 电气设备**

two sets of batteries are equipped to start engine. These batteries also supply power for the search light and the position lights. Electric unit is 12V DC

艇上装备有两组用来启动主机的电瓶，这些蓄电池也向探照灯及示位灯提供电源。每个电瓶规格为 12V 直流

## **9 Loose Equipment 属具**

All rescue boat equipment are provided according to LSA Code. For details please refer to Equipment Guide”

所有救助艇属具都符合救生设备规范要求。详细内容参照属具清单

## **10 Test and Certification 试验和证书**

Before delivery, every boat will be tested according to our production test program in our shipyard in presence of the corresponding surveyors and then the boat certification will be issued.

在交艇之前，每艘艇都须在相应船级社验船师在场情况下按产品试验大纲做试验，然后出具证书。