50KN PLATFORM DAVIT SPECIFICATIONS

50KN 平台吊技术规格书

DRAWING NO.:

COMPILED BY:

VERIFIED BY:

AUDITED BY:

宁波新海业救生设备有限公司

NINGBO NEW MARINE LIFESAVING EQUIPMENT CO.,LTD.

1.概述 General

1.1 本平台吊为海上石油平台收放救生艇的专用设备。

This platform davit is a special equipment for lowering and recovering boat with winch, which is installed on the platform.

1.2 本吊艇架的制造和试验经过船级社认可并满足最新的国际海上人命安全公约和国际救生设备规则的要求。

The design of the davit conforms to the latest requirements of the SOLAS and LSA . Andalso has been approved by Classification Society.

1.3 本吊艇架是依靠艇自身的重力放艇。

Lowering of boat is dependent on its own gravity with no need of any other power.

1.4 本吊艇架是从存放位置登艇。救生艇能在较短的时间内，没有任何停顿、连续地下放至水面。

The davit is designed for boarding the boat in stowed position. The boat may be lowered without stopping as turning out and lowering is a continuous movement at a minimum of time-spending.

1.5 救生艇可以通过遥控操作下放。操作人员在艇内通过拉动小卷筒上的遥控钢丝绳抬起艇机刹车重锤，可使救生艇顺利下放或停止。操作人员也可以在平台上直接操作刹车重锤。

The boat is turned out and lowered by means of remote control that the crew can release and stop the hand brake of the winch from inside of the boat via wire connection to the brake arm and wire spoil on the small drum. Alternatively the crew can operate the hand brake on the deck.

1.6 装有电动机的绞车是来满载回收救生艇，并返回至登乘甲板。

A permanently mounted motor on the winch is used for hoisting the lifeboat back to the stowed position.

1.7 本绞车上设有单向离合器、圆盘型的轴向离合器和带有安全装置的摇手柄。

The winch drives and equipped with one-way brake, disc type axial friction clutch and manual hoisting crank with safety device.

1.8 本产品根据最新的 MSC.81(70),MSC.226(82)由船级社进行检验和试验。

The inspections and tests of davit appliances are in accordance with the latest MSC.81（70）& MSC.226(82)

2. 主要参数 Main data

型号 Type: 艇架 Davit---- NMPL50

绞车 Winch---- NMDP50S/Z 电动起艇绞车

NMDP50S/Z Electrical boat winch

艇架最大工作负荷：50KN

Max. working load of davit: 50KN

绞车最大工作负荷：50KN

Max. working load of winch: 50KN

下放速度：S=(0.4+0.02×H)(满载)

Lowering speed of boat: S=(0.4+0.02×H)(Full load)

S=艇下放速度 Lowing speed of boat in m/s

H=艇架头部至最轻载水线高度

H= Height in meters from davit head to waterline at the lightest seagoing condition _____m

下放绳速（满载）：40~60 m/min

Lowering speed of wire Ⅴ(full load): 40~60 m/min

起升绳速：≥5 m/min(救生/lifeboat)，≥18 m/min(救助/rescue)

Hoisting speed of boat:≥5 m/min(救生/lifeboat)，≥18m/min(救助/rescue)

设计工况：横倾 20°+纵倾 20°

Designed condition: 20^0list+20^0trim

主钢丝绳规格：18×19-18-1770 镀锌，防旋转

Boat falls: Φ18mm，Galv.-Non-rotate

Motor:

电制 Power source: 380 V/ 50 Hz,3 相 phase

功率 Power: 5.5/6.3 KW （救生）18.5/22 KW （救助）

Model No: YZ132M-6-H （救生）YZ200L-4/16-H （救助）

防护等级 Protection grade： IP56

绝缘等级 Insulation class： F

3. 艇

Boat

型号：5.0 米全封闭救生艇

Type：5.M totally enclosed life boat

主尺寸：5.0×2.20×1.10 m

Main Dimension：5.0×2.20×1.10 m

钩距 Hook distance：4600 mm

乘员 Passengers：26 P

满载重量 Weight of full boat：4310 kg

4.供货范围

Scope of our supply

一船套由以下组成

1 ship is consisted of

二套完整吊艇架

2 sets A complete set of davit

一套完整电动救生艇绞车

1 sets A complete set of lifewinch

一套完整电动救助艇绞车

1 sets A complete set of rescue winch

1 sets 一套救生艇绞车电控箱 electric control box for lifewinch

1 sets 一套救助艇绞车电控箱 electric control box for rescue winch

1 sets 一套救生艇绞车遥控控制按钮 button for lifewinch

1 sets 一套救助艇绞车遥控控制按钮 button for rescue winch

2 sets 二套绞车电控备件 spare part for winch & electric

---------- 主钢丝绳 Boat fall

---------- 固艇装置 Griping unit

----------艇支撑 boat support

---------- 遥控装置 Remote control unit

---------- 所有必须的绳索 All necessary rope

5. 供货范围以外

Item excluded from our supply

----------甲板电缆 Cable on deck

---------- 齿轮油 Gear oil

----------系泊试验 Performing on-board test

---------- 甲板安装 Assembly (After the works endurance test, the davit is dismantled for shipment and installed on offshore)

6. 油漆 Paint

6.1 喷砂等级 Sandblasting to :Sa2.5

6.2 涂装油漆 Primer painting:

环氧底漆 :西格玛 SIGMA COVER 380 80u(dry)

7. 质保期

Guarantee period

母船交船后 12 个月内

12 months after the vessel delivery