
NM-PSR27 平台单臂救助艇吊架
NM-PSR27 PLATFORM SINGLE ARM
RESCUE BOAT DAVIT

技术规格书
Technical Specification

宁波新海业救生设备有限公司

NINGBO NEW MARINE LIFESAVING EQUIPMENT CO.,LTD

一.概述 General

1.1 本降放装置的制造和试验符合《1974 年国际海上人命安全公约》1983,1992,1996,2006 年修正案的要求, 并经“ABS”船级社检验。

The davit is manufactured and tested under the approval of ABS in compliance with the requirements of 1983,1992,1996,2006 Amendments SOLAS 1974.

1.2 本降放装置安装在平台上, 依靠救助艇自身重力降放救助艇的。

This davit is a platform type davit and it lowering by gravity fall.

1.3 本降放装置的降放操纵有在艇内遥控操纵方式。降放时乘员在艇内只需拉动操纵拉手, 通过臂架上的小滑轮液压阀来降放救助艇。

The boat is lowered by means of remote control, that the crew can release and stop the hydraulic valve from inside of the boat via wire connection to the valve.

1.4 本产品具备缓冲功能, 可保护救助艇、艇架已经钢丝绳免受起升下降过程中因刹车产生的冲击力的影响。

A buffering unit is provided for this appliance, which can protect the boat davit itself and wire rope as well as the boat from great impacting force occurred while braking during hoisting and lowering.

1.5 本产品具备恒张力系统, 可确保当救助艇在水面上的状况下, 钢丝绳始终处于张紧状态, 确保乘员的安全。

This appliance is provided with wave compensation unit, which may ensure the boat falls in constantly tensioning condition while the boat rocks on the sea

wave so as to protect the safety of the personnel.

1.6 吊艇架装置检验和试验满足 IMO 规范 MSC.81(70)&MSC.226(82)要求。

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

二. 主要参数 Main parameters

降落装置规格型号: NM-PSR27 平台单臂救助艇吊架

Model: NM-PSR27 PLATFORM SINGLE ARM RESCUE BOAT DAVIT

最大工作负载 Max. Working load: 27KN

起升负载 Hoisting load: 27KN

小艇起升速度 Hoisting speed: $\geq 48\text{m/min}$

小艇降落速度 Lowering speed: $\geq 48\text{m/min}$

设计状况 Designed conditions: Heel 20° + trim 20°

钢丝绳 Wire : 18x19-18-1770-FC GB/T8918-96

电机 Motor for rescue boat winch

功率 Power: 45KW

型号 Model: Y225M-4-H

防护等级 Protection grade: IP56

绝缘等级 Insulation class: F

电压/频率 Power source: 460V/60Hz

自重 Self weight: $\sim 2000\text{kg}$

小艇型号 Type of boat:

Dimensions 尺寸(长×宽×高): $6.0 \times 2.3 \times 0.87$ (m)

乘员 No. of persons: 6 P

空艇重(含所有属具) Weight of empty boat (with all equipment): 1425 kg

总重 Total weight of boat: 1920 kg

三. 供货范围 Scope of our supply

1 set 平台单臂救助艇吊架

PLATFORM SINGLE ARM RESCUE BOAT DAVIT

1 set 控制箱 Starting panel (IP56)

1 set 按钮盒 Push button (绞车用)

1 set 操作指示牌 Operating plate

1 set 限位开关 Limit switch

随机文件 一套

1 set Technical Documents

-----相关图纸 Correlative drawing

-----使用说明书 Operation instruction

-----备件清单 List of spare parts

-----产品合格证书 Product certificate

-----船检证书 Inspection certificate

四. 不包括在供货及服务范围内的:

Items excluded from our supply

-----甲板上的电缆 Cable on the deck

-----齿轮油 Gear oil on the deck

-----船上试验 Performing in board test

-----船上安装 Assembly

五.油漆 Painting

1. 表面处理: 除锈达 2.5 级

Surface treatment: shot blasting Sa2.5 before primer painting

底漆: 环氧富锌底漆----- $2 \times 50 \mu\text{m}$

Primer paint: zinc epoxy----- $2 \times 50 \mu\text{m}$