
23KN 单臂回转艇/筏吊架
23KN SINGLE ARM SLEWING 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

技术规范

SPECIFICATION

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“___”船级社检验。

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

- 1.2 本降放装置为单臂回转式吊艇架，依靠艇自身的重力降放满载救助艇至水面的。

The davit is a single arm slewing type davit and it lowers the boat on the water by the help of its own weight.

- 1.3 本吊艇架设计有液压回转系统，在无电源供给时，可通过蓄能器或手动泵来达到回转的目的。

The davit is a hydraulic slewing type davit and accumulator or manual pump driven in case of power failure would slew it.

- 1.4 本降放装置的降放操纵有在艇内遥控操纵和舷边（甲板）操纵两种方式。降放时乘员在艇（或筏）内只需拉动操纵拉手通过臂架上的小滑轮带动绞车上手柄上遥控钢索来降放救助艇或救生筏。也可在舷边操

纵。

The boat is 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 spool on the winch. Alternatively the crew can operate the hand brake on the deck.

1.5 绞车配备单向制动装置，自动离心式限速离合，手动起升装置等安全设施

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

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	23KN 单臂回转艇/筏吊架
Davit model:	23KN SINGLE ARM SLEWING DAVIT
最大工作负载	23KN
Max. working load	23KN
起升负载	14KN
Hoisting load:	14KN
回转负载	14KN

Slewing load:	14KN	
小艇起升速度	$\geq 18\text{m/min}$	
Hoisting speed of rescue boat :	$\geq 18\text{m/min}$	
小艇降落速度	40~60 m/min	
Lowering speed of boat(designed):	40~60 m/min	
设计状况	横倾 20° 纵倾 10°	
Designed conditions:	Heel 20° + trim 10°	
起吊钢丝绳	$\Phi 16 - 18 \times 19 + \text{FC} - 1770$	GB/T8918-96
Wire Type of Hoisting:	$\Phi 16 - 18 \times 19 + \text{FC} - 1770$	GB/T8918-96
泵站回转角度	330°	
Pump station Max. slewing angle:	330°	
蓄能器回转角度	110°	
Accumulator power slewing angle:	110°	
蓄能回转速度	$\geq 0.6 \sim 0.8\text{r/min}$	
Slewing speed instored power driven:	$\geq 0.6 \sim 0.8\text{r/min}$	
电能回转速度:	$\geq 0.25 \text{ r/min}$	
Slewing speed in electric power driven:	$\geq 0.25 \text{ r/min}$	
回转半径	4000 mm	
Working Radios:	4000mm	
电动机 泵站回转电机		救助艇绞车起升电机
Motor for pump station		Motor for rescue boat winch

功率: 4KW	功率: 6.3W
Power: 4KW	Power: 6.3KW
型号: Y112M-4-H	型号: YZ132M-6-H
Model: Y112M-4-H	Model: YZ132M-6-H
防护等级: IP56	防护等级: IP56
Protection grade: IP56	Protection grade: IP56
绝缘等级: F	绝缘等级: F
Insulation class: F	Insulation class: F
电压/频率:	380V/50HZ or 440V/60HZ
Power source:	AC, 380V/50HZ or 440V/60HZ, 3 phrases
自重: 单臂吊艇架	~2300kgf
Self weight:	~2300Kgf

三. 供货范围

Scope of our supply

1 套	23KN 单臂回转艇/筏吊架
1 set	23KN SINGLE ARM SLEWING DAVIT
1 只	控制箱(IP56)
1 set	Starting panel(IP56)
1 只	按钮盒(绞车用)
1 set	Push button (use for winch)
1 块	操作指示牌

1 set	Operating plate
3 只	限位开关(含安装于绞车上的)
3 set	Limit switch (be fixed in winch already)
1 只	卸扣
1 set	Shackle

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----- $2 \times 50 \mu\text{m}$