

I. General

This single arm liferaft/rescue boat davit is designed and manufactured in accordance with THE INTERNATIONAL CONVENTION FOR THE SAFETY OF LIFE AT SEA (SOLAS), 1974 AND AMENDMENT OF MSC.216 (82), MSC.48 (66) THE INTERNATIONAL LIFE-SAVING APPLIANCE AND CODE AND AMENDMENT OF MSC.218(82). Its test meets the requirements of TESTING OF LIFE-SAVING APPLIANCES RESOLUTION MSC.81(70) AND AMENDMENT OF MSC.226 (82) .

The slewing davit is mainly used for lifting and lowering a boat/raft, and its lowering load not more than 21 KN. Additional, it have the functions of electrical (manual) hoisting, gravity lowering, hydraulic slewing. It is provided with lowering and slewing functions operated from deck or remotely controlled from a position within the boat/raft.

II. Main parameters

Max. working load: for life raft: 21KN

for rescue boat: 14KN

Max. hoisting load: 14KN

Hoisting speed: $\geq 18\text{m/min}$

Lowering speed: $\geq 45\text{m/min}$

Max. slewing load: 14KN

Slewing speed in stored power driver: $0.6 \sim 0.8\text{r/min}$

Pressure of nitrogen of accumulator: 8Mpa

Slewing speed in electric power driver: 0.23r/min

Designed conditions: List 20^0 + Trim 10^0

Wire rope: $\varnothing 16, 18\text{X}7\text{FC}, 1670\text{N/mm}^2$, MIN B.L. 140KN, GALV.

Motor for winch (with space heater):

Model: YZ-132M2-4-H (with heater)

Protection grade: IP56

Insulation class: F

Power source: AC, 440V, 60Hz, 3 phrases

Motor for pump station (with space heater):