

Fast rescue boat 610 outboard 60hp (type GJ6.10 out)

Specifications:

Length: 6,10 (meters)

Height: 2,30 (meters)

Overall breadth: 2,20 (meters)

Depth: 0,90 (meters)

Max persons: 8

Weight boat: 971 (kilogram)

Weight 8 persons: 660 (kilogram)

Weight davit system with 8 persons: 1631 (kilogram)

Propulsion type: propeller

Engine type: outboard engine

Speed: 22 (knots) with 3 persons

Towing force: 3,6 kN

Lifting arrangement: Single point

Color external: Orange

Color internal: Orange

General:

Rigid FRB with a outboard 60 hp engine, the vessel is equipped with a self righting frame at the stern. The FRB is suitable for carrying up to 6 persons. The deep V-shaped hull gives a good sea performance, also in high speed. It is designed for both A-frame davits and single arm davits.

The FRB is primarily designed for SAR/MOB operations, secondarily for crew transfer, inspections and so on. It has good maneuverability; it is easy to operate and has a design which makes the maintenance easier.

Used material:

The boat is made out of fireproof glass fiber reinforced polyester, also known as GRP. The main parts are laminated independent moulds. To assure buoyancy and strength, foam is injected into certain areas between the inner liner and the hull. There are two longitude bulkheads and one transverse bulkhead to assure hull strength.

A heavy duty fender made out of polyurethane foam is protecting the boat from impacts. The fender is connected to the hull with glue and protected with two layers of PVC cover. The fender also gives extra buoyancy

The boat is equipped with an anti-skid surface deck.

Used steel parts quality:

316 L

Up & down

Single point lifting arrangement with approved on/off load release hook, standard supplied with a galvanized hook. It is connected through a stainless steel frame to the hull bulkheads. Safe working load is 30,38 KN.

Engine specifications:

Model: Mercury 60 hp three cylinder, two stroke

Power: 44,1 kW

Fuel: Gasoline

Fuel capacity: 100 ltr

Starting method: Electrical/manual emergency

Fuel:

There is sufficient fuel for 4 hours operation of about 22 knots with 3 persons.

Propeller:

There is a propeller protection guard installed

Equipment:**Equipment (electrical):**

The boat is equipped with various electrical equipment, which are all controllable through the switch panel near stern.

- Position indicating light for stern light / stb – ps light
- Handheld search light
- Compass
- One extra battery

Operation:

The main operation of the boat is carried out from the helmsman's position behind the console system fitted mid-ship.

The following equipment is fitted on the console:

- Battery switch
- Switch panel
- Compass
- Hand held search light
- Remote control for engine right hand side

- Cable steering gear
- Solas rescue equipment set, incl. boat- and steering console cover
- Handheld searchlight
- Fuel level indicator

Self righting capability:

At the stern a buoyancy foam filled arrangement is mounted. This will make the boat capable of returning to upright position after capsizing. During capsizing the engine will automatically be shut off.

Documentation:

The following documents are submitted after delivery:

- Product specifications
- General arrangement drawings
- User instruction manuals
- Instructions for on-board maintenance of lifeboat

Warranty:

The warranty period is normally limited to max. 18 months from delivery of equipment or 12 months from delivery of vessel to owner, whichever comes first.

Regulations:

The rigid rescue boat fully complies with the latest SOLAS requirements and LSA Code & MSC.218(82), MSC.81(70), MSC.226(82) & MSC.272(85). The rigid rescue boat will be certified in accordance with the European Council Directive 96/98 EC on Marine Equipment (M.E.D).