

Fast rescue boat 670 inboarddiesel jet (type GJ6.0B1 inb)

Specifications:

Length:6,70 (meters)

Height:2,30 (meters)

Overall breadth: 2,32(meters)

Depth: 1,10 (meters)

Max persons: 13

Weight boat: 1689 (kilogram)

Weight 13 persons: 1072,50 (kilogram)

Weight davit system with 13 persons: 2761,5 (kilogram)

Propulsion type: Water jet

Engine type: BUKH STEYR 236

Speed: 30 (knots)

Towing force: 4kN

Lifting arrangement: Single point

Color external: Orange

Color internal: Orange

General:

Rigid FRB with an inboard diesel engine, equipped with a self righting frame at the stern. The FRB is suitable for carrying up to 13 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 etc. 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: BUKH STEYR MO236K43

Power: 212 hp (156 kW)

Fuel: Turbocharged, 4 stroke 6 cylinders

Fuel capacity: 200 ltr

Starting method: Electric starting

Cooling: Fresh water

Starter: 12 V, 1,8 hp (1,3 kW)

Alternator: 90 Amp with voltage regulator

Transmission: Alamarine water jet 230

Fuel:

There is sufficient fuel for 4 hours operation.

Equipment:

Equipment (electrical):

Standard supply is a 42V battery charger, charging the two independent 12V batteries. The electric system controlled by a battery switch, together with a switch panel for navigation lights(red, green and white), compass light and search light.

Electric equipment is according to IP 66 standard.

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
- Hydraulic steering gear
- Solas rescue equipment set, incl. boat- and steering console cover

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 of 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. The rigid rescue boat will be certified in accordance with the European Council Directive 96/98 EC on Marine Equipment (M.E.D).