

Rigid Rescue Boat (Type GJ 420 /40 hp)

Specifications:

Length:	4,20	(meters)
Height:	0,86	(meters)
Width:	1,86	(meters)
Max persons:	6	
Weight boat:	695	(kilogram)
Weight davit system:	1119	(kilogram)
Propulsion type:	Propeller	
Engine type:	Mercury 40 hp outboard engine	
Speed:	6	(knots)
Towing force:	1,65	(kN)
Lifting arrangement:	Lifting sling of SWL 1500 kg	
Color external:	Orange	
Color internal:	Orange	

General:

Rigid Rescue Boat (RB) with one 40 hp outboard engine. The RB is suitable for carrying up to 6 persons. This open Rigid Rescue Boat can be equipped with various engine types on request.

Used material:

The boat is made out of fire retardant glass fiber reinforced polyester, also known as GRP. The boat is designed with the capability of being righted by not more than two persons with two handrails at each side. The main parts are laminated in independent moulds. To assure buoyancy and strength, foam is injected into certain areas between the inner liner and the hull. There are bulkheads integrated in the construction to assure hull strength. A fender made out of synthetic rubber is mounted around the boat hull to protect the boat from impacts. The fender is connected to the hull with glue and protected with two layers of PVC covers. The boat is designed with the capability of being righted by not more than two persons with two handrails at each side.

The boat is equipped with an anti-skid surface deck for maximum safety.
Used steel parts quality: 316 L

Lifting arrangement:

4 Point lifting arrangement with sling and galvanised steel hoisting points connected via nylon straps to stainless steel deck fittings. Standard supply with safe working load 1500kg. Safe working load is 30,38 kN.

Optional: Neddeck Car- 35 or equivalent.

Engine specifications:

The GJ420 / 40hp is equipped with one Mercury 40hp outboard engine or equivalent. The engine meets the requirements of 1996 amendments to SOLAS 1974 and LSA Code. Classification Society also approves the engines installed.

Model: Mercury 40 hp 2-stroke

Power: 18,40 kW

Fuel: Gasoline

Fuel capacity: 50 ltr.

Starting method: Manual operating

Fuel:

There is sufficient fuel for 4 hours operation at a speed of 6 knots.

Propeller:

There is a propeller protection guard installed.

Equipment:

The equipment required by LSA regulation is provided.

The painter release hook is fitted at the bow, buoyant lifelines and grips are fitted on both sides.

Equipment (electrical):

The boat is equipped with various electrical equipment, which are all controllable by a battery switch panel near the stern. Standard supply is a 42V battery charger, charging the two independent 12V batteries.

- Position indicating light for stern light / SB – PS light
- Handheld search light
- Compass
- One extra battery

Electric equipment is according to IP 56 standard.

Operation:

The main operation of the boat is carried out from the manual operated handle of the engine fitted at the stern. The following equipment is fitted on the console:

- Hand held search light
- Compass
- Painter release device
- Position light
- SOLAS rescue equipment set

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

Optional:

- Full range of various Solas and Med approved 25hp outboard engines.
- Automatic release hook (comes with certificate)
- VHF radio (Required for fast rescue boats)
- Jason cradle
- Rescue net
- Boat cover
- Engine spare part set

Standard equipment according to SOLAS:

- 2 x Paddles, (stainless steel) clutch for oar fitted on hull
- 1 x Buoyant bailer with lanyard (plastic)
- 1 x Boat hook
- 1 x Bucket
- 1 x Magnetic compass fitted on hull (with illumination)
- 1 x Sea anchor (with at least 10 mtr of line)
- 1 x Hatchet or knife with lanyard (galv. forced steel)
- 1 x Waterproof electrical torch (including spare bulb and 1 set of battery's)
- 1 x Whistle (plastic) or equivalent (horn etc.)
- 1 x Waterproof first aid kit (in container or sealed bag)
- 2 x Buoyant rescue quoits (with 30 mtr buoyant line)
- 1 x Manual pump (fitted on hull)
- 1 x Portable extinguisher, dry powder type (oil extinguishing)
- 1 x Painter line synthetic rope (20mm Dia. x 50m)
- 1 x Buoyant line (at least 50 mtr for towing)
- 1 x Searchlight
- 1 x Radar reflector
- Thermal protective aids (10% of the number of persons the rescue craft is permitted to accommodate or two which is greater.

Note: With the exception of the paddles and boathook, the above-mentioned items are properly stowed away in a weather tight stowage bag that can be found in the bow stowage compartment.