

NEIL MARINE
NEIL FERNANDO & COMPANY (PVT) LTD

7MTR FAST RIB BOAT

For Specification No. RIB700/FB/SP/10/388



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SPECIFICATION FOR 7 MTR FAST RIB BOAT

SPECIFICATION NO RIB700/FB/SP/10/388

PROVISINAL G.A DRAWING NO RIB700/FB/GA/10/668

1. PRINCIPAL DIMENSIONS

LENGTH OVERALL	7.00 M
BREADTH	2.50 M
DRAUGHT (APPROX)	0.5 M
DISPLACEMENT (APPROX)	2.27 TONES
FUEL CAPACITY	200 LTRS
CARRING CAPACITY	02 PERSONS
SPEED	25 – 30 KNOTS
ENGINES	STERN DRIVE VOLVO PENTA D3 – 160A, 160Hp

NEIL MARINE

1. GENERAL DESCRIPTION

V Bottom hull together with inflatable tube ensures excellent seagoing performance.

2. CONSTRUCTION

The hull and deck constructed out of LR Approved G.R.P materials. Exterior finish to be pigmented gel coat.

The hull is to be suitably stiffened with PU foam transverse frames and longitudinal stringers which are glassed over.

Transom reinforced specially to mount the stern drive engine.

Deck surface is to be of non skid finish.

3. ARRANGEMENT

Seats and deck arrangement

Seating for 02 persons

GRP seat fitted with G.R.P console, fitted to stbd of the boat as shown on the GA drawing.

Tube

600mm diameter inflatable tube separated with baffles. The inflatable tube is attached to the hull by a skirt, covering the entire tube. The skirt has rubbing strakes at the outside and lifelines inside and outside.

4. FUEL SYSTEM

Hull integrated GRP fuel tank of 200 liters located fwd of engine room and tank is naturally ventilated.

5. ENGINES

160hp Volvo Penta engine with Stern drive (diesel operated).

6. ELECTRICAL SYSTEM

12 V DC Electrical systems for engine starting and navigational lights.

Battery	No off	one Nos batteries
	Type	12 volt x 90Amp /hr lead acid

Battery is to be charged by engine alternator Connected with isolating and paralleling facility .Battery will be kept in a ventilated GRP box.

Navigation lights (12V)	1 off	Port
	1 off	Starboard
	1 off	Stern

Port and stbd lights mounted on console. Stern light will be mounted on aft stainless steel plate.

7. STEERING

Hydraulic steering system fitted with steering wheel on GRP console. Instruments fitted on console with easy reach of helmsman.

8. DECK FITTINGS

No off	One
Type	Mooring post(stainless steel 316 L grade) Positioned fwd deck as shown on GA drawing

No off	Two
Type	8 inch cleats (stainless steel 316 L grade) Positioned on the aft of the deck on port and stbd.

9. SAFETY EQUIPMENTS

1. Life jackets - 02 Nos
2. Buoyant rescue line around the vessel

10. MISC. EQUIPMENTS

1. Anchor 5 Kg Bruce type St. steel 316 - 01 Nos (**Optional**)
2. Anchor rope 8 mm Dia. - 15 Mtrs (**Optional**)

11. PAINTING AND FINISHING

Seats	GRP
Console	GRP laminate
Hull	Pigmented Gel coat finish
Deck	Moulded nonskid GRP
Floor	GRP with moulded non skid.

12. TRIALS AND HANDING OVER

Trials to be carried out in the vicinity of the builder's yard before handing over to the customer.

13. WARRANTY PERIOD

Warranty period of 12 months is given on the vessel on any faulty Material or workman ship and the manufactures warranty will be passed on to the customer for equipment fitted in the vessel.

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