

FAST RESCUE CRAFT Â© 702



GENERAL DESCRIPTION

This outline specification, together with the General Arrangement (drawing nr. 2013.6-0338-010-0), outlines the design of the Fast Rescue Craft Â© 702 (FRC Â© 702).

The FRC Â© 702 is designed and equipped to perform the following services:

- fast rescue boat,
- fast pilot boat,
- transfer of personnel and equipment.

Therefore the vessel has very good capabilities with respect to:

- able to maintain high speeds in adverse weather conditions, up to Sea State 4,
- safety and comfort for passengers and crew,
- good employability due to use of waterjet propulsion.



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GENERAL TECHNICAL PARTICULARS

Dimensions:

Length overall : 7.80 m
Length between perpendiculars : 6.00 m
Breadth overall : 2.90 m
Breadth, moulded : 2.20 m
Depth at half length, moulded : 0.70 m
Draught aft, approx. : 0.50 m
Air draught, approx. : 3.60 m
weight, max. : 3100 kg

Capacity:

crew : 3 persons
rescued : 12 persons

Propulsion:

1x Volvo Penta D4-300, total power : 221 bkW @ 3500 rpm
1x UltraJet 251

Performance:

cruise speed ahead : 25.0 knots
max. speed ahead : 33.0 knots
range (cruise speed) : 190 Nm

Domestic fuel oil, capacity:

total storage capacity of fuel oil : 0.18 mÂ³