

FAST PATROL CRAFT Â© 1003



GENERAL DESCRIPTION

This outline specification, together with the General Arrangement (drawing nr. 2012.4-0338-010-0), outlines the design of the Fast Patrol Craft Â© 1003 (FPC Â© 1003).

The FPC Â© 1003 is designed and equipped to perform the following services:

- fast patrol 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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FAST PATROL CRAFT Â© 1003

GENERAL TECHNICAL PARTICULARS

Dimensions:

Length overall : 10.20 m
Length between perpendiculars : 9.00 m
Breadth overall : 3.10 m
Breadth, moulded : 2.90 m
Depth at half length, moulded : 1.36 m
Draught aft, approx. : 0.65 m
Air draught, approx. : 5.40 m
Weight (maximum displacement) : 6000 kg

Propulsion:

2 marine diesel engine, total power : 294 bkW @ 3300 rpm
2 waterjet propulsion unit : Hamiltonjet HJ 274

Performance:

cruise speed ahead : 25 knots
max. speed ahead : 30 knots
range (cruise speed) : 250 Nm

Tank capacity:

total storage capacity of fuel oil : 0.82 m³
total storage capacity of fresh water : 0.03 m³

