



MARLIN

HIGH-SPEED GLIDING BOAT PROJECT 03640

BASIC FUNCTIONS

The boat is designed as a general-service boat.
One cabin, two sleeping berths.

OPERATION REGION AND CONDITIONS

Navigation area – freeboard zone of 4-th difficulty second-rate category.

Boat sails in coastal marine and inner waterways in conditions of a seaway of up to 2 m wave's height with 1% occurrence.

Climatic categories – general climatic OM.

Maximum distance from a harbor of refuge in open sea is of up to 20 miles.

Outside air temperature 0°...+35°C.

Outside water temperature +5°...+30°C.

Air humidity of up to 80%.

SEAKEEPING

Insured sea-keeping in full displacement is provided in seas higher up to 5 points on the scale (wave's height is $h_{w3\%}$ - 2.0 m).

MAIN ENGINES

Type of main engine: diesel motor SEATEK (Italy)

Total power max: 2 x 850 hp

Cruise fuel consumption: 230 l/h

Propulsion device: partially-immersed screws JOLLY DRIVE MARINE (Italy)



TECHNICAL SPECIFICATIONS

Length overall, m	12.1
Beam overall, m	3.1
Depth overall with mast, m	5.0
Draft in-motion, m	0.25
Full displacement, t	8.5
Passengers	6
Crew	2
Maximum speed, knots (km/h)	up 65 (up 120)
Cruising range, miles (km)	up 200 (up 370)
Cruising endurance, days	2