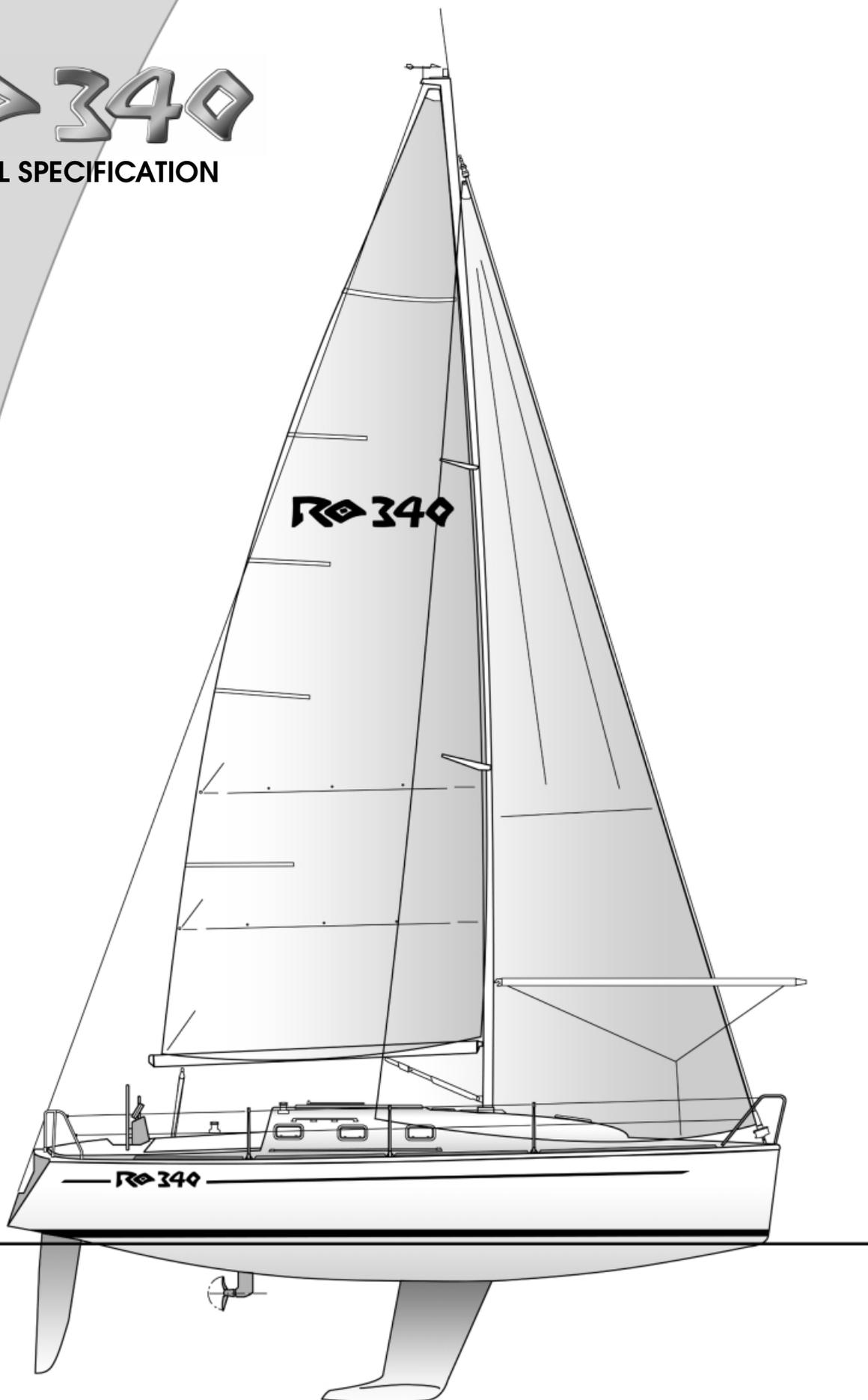


RO 340

TECHNICAL SPECIFICATION



RONAUTICA YACHTS



TECHNICAL SPECIFICATION

CONSTRUCTION

GENERAL

- The hull is stiffened using a structural grid.
- All hull layers are laminated by hand.
- The chainplates are fixed in place to a stainless steel structure that is firmly laminated to the hull.
- All the stainless steel fittings on the boat are made from 18/8/2 steel, the highest quality available on the market.

HULL

- The hull is a solid lay-up, and the advanced design includes additional glass layers in all the higher stress areas.
- All layers are laminated with isophthalic polyester resin for osmosis protection.

DECK

- The deck is of foam sandwich construction, generating optimum strength and insulation.

DECK-HULL CONSTRUCTION

- The hull deck joint is made with structural adhesives and reinforced with biaxial glass. In addition areas such as stanchion bases, cleats, deck fittings, chainplates, stays, etc., are reinforced with stainless steel fittings.

KEEL

- There is an iron keel with a draft of 1,65m and a lead keel with a draft of 1,90m. In both cases the ballast is 1600kg.
- The keel has a large base, solidly fixed to the hull with eight 20mm stainless steel bolts.

RUDDER

- The rudder is made in glass reinforced polyester, with extensive use of unidirectional fibres. Inside the rudder the stock is made with 70mm of stainless steel with cross plates to enforce the structure.

DECK EQUIPMENT

COCKPIT

- Cockpit seats are fully finished in teak.
- Entrance doors to saloon with guides in teak.
- The cockpit has an ergonomic design, giving maximum space and comfort to its crew.
- A V-shape has been built into the floor of the cockpit to avoid slipping when the boat heels.
- Whitlock stainless steel 800 mm steering wheel, easy access to engine control and compass Plastimo.
- Bearings made of Derlin in deck and hull for rudder stock.
- Foldable stern seat, finished in teak, which can be converted into a bathing platform.
- Stainless steel folding bathing ladder.
- Volvo control panel with rev-counter, acoustic level sensors and digital engine hours indicator.
- Large cockpit storage locker, with ample space for safety equipment and for other miscellaneous items.
- Transparent fuel deposit in cockpit storage locker.
- Manual bilge pump.
- Gas storage locker with external ventilation and space for two gas bottles.
- 2 stern pulpits in stainless steel.
- Stainless steel fittings on storage locker.

DECK AND CABIN TOP

- Teak toe rail from bow to stern.
- Teak handrails on cabin top next to entrance.
- 4 stainless steel cleats.
- 2 deck winches Lewmar ST 30.
- 2 winches Lewmar ST 40 for genoa and spinnaker trim.
- Stainless steel stanchions.
- Double stainless steel lifelines, with white cover.
- 8 Lewmar stoppers on cabin top (halyards, reefs etc).
- Lewmar genoa cars and blocks.

BOW

- Stainless steel pulpit.
- Stainless steel roller guide for anchor.
- Genoa furling system integrated in anchor box.
- Safety (anti collision) bulkhead in anchor box.
- Pre installation for electric windlass.

SAILS, RIGGING AND RUNNING GEAR

- Complete wardrobe of sails: semi full batten mainsail and genoa.
- Genoa equipped with UV-protection band.
- Lazy jacks and lazy bag.
- Z Spars mast, type Z 401 with 2 spreaders.
- Rigid boom vang.
- Back stay tensioning system with blocks and stopper.
- Stainless steel standing rigging.
- Running rigging with ropes of 10/12 mm.
- Navigation lights.
- Mainsail rigging with Lewmar racing blocks.
- Fittings and various accessories Wichard for downhaul and spinnaker pole.

INTERIOR

GENERAL

- Totally finished in warm coloured wood.
- Round forms to provide a safe environment.
- Upholstery in material resistant to humidity.
- 7 Lewmar portlights.
- 2 Lewmar hatches on cabin top.
- 1 main cabin entrance hatch, teak lined.
- Thermal/acoustic isolation between deck and inner mouldings.

SALOON

- Companionway of reinforced GRP with teak integrated in the steps.
- Headroom in saloon: 198 cm.
- Large folding saloon table and bench convertible in extra bed
- Chart table with easy access to navigation instruments.

GALLEY

- Complete kitchen with 2-ring cooker and grill.
- Lockers and drawers for appliances, dishes and cutlery above and under the worktop.
- Ice box with thermal insulation.
- Headroom in galley: 195 cm.
- Storage room and drawers under sink for cutlery.

CABINS

- 2 cabins standard (3 cabin version available).
- 1 forward cabin with headroom of 195 cm.
- 1 aft cabin with headroom of 190cm.
- Every cabin has a double berth and lockers.

SHOWER COMPARTMENT

- Complete aft bathroom Headroom: 190 cm.
- Marine toilet with easy access to inlet and outlet seacocks.
- Pressurized tap in washbasin.
- Stowage locker under sink.
- Stowage locker with sliding doors above washbasin.
- Electrical bilge pump for shower bilge.
- Space to store wet sailing gear.

INSTALLATIONS

ENGINE AND ENGINE EQUIPMENT

- Volvo 20hp diesel with saildrive.
- Engine room is sound proofed and insulated, and can be accessed from two different sides.
- The engine room bilge is separated from the rest of the hull in accordance with CE regulations.
- Two blade fixed propeller.
- Fuel tank with capacity of 75 l.
- Fuel tank vents are run to the stern platform.
- Fuel filter with water separator.
- Engine compartment ventilation by an automatic ventilation system which activates when starting the engine.
- Engine mounted on polyester bed, with a special design that avoids motor oil getting into the central bilge.

WATER SYSTEM

- 2 rigid fresh water tanks in saloon, capacity 200 liter.
- Water tank vents are run to the anchor well.
- Electric fresh water pump.
- Installation prepared to fit a hot water system.
- Pump system, both electrical and manual, pumps water from shower and toilet directly overboard.
- High capacity bilge pump, operational both electrically and manually.
- Foot pump for salt water in galley

ELECTRICAL SYSTEM

- 12 V circuit.
- 2 x75 Ah batteries (1 for engine, 1 service).
- Electrical control panel with indicator for batteries.
- Halogen lights in all cabins, bathroom, galley and saloon.
- Adjustable reading spotlight.

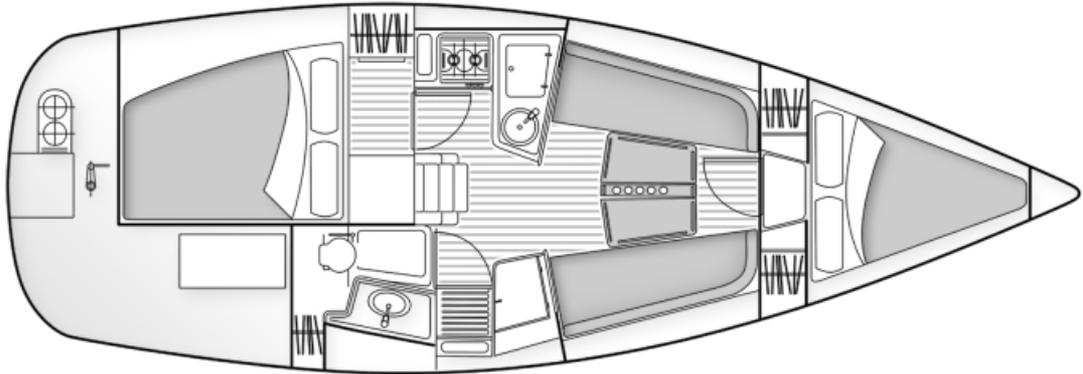
GAS SYSTEM

- Gas circuit breathers are routed to the stern platform.
- Gas installation is according to CE Regulations with a safety pressure relief valve.
- Shut off cocks in aft cabin locker and in gas bottle compartment.

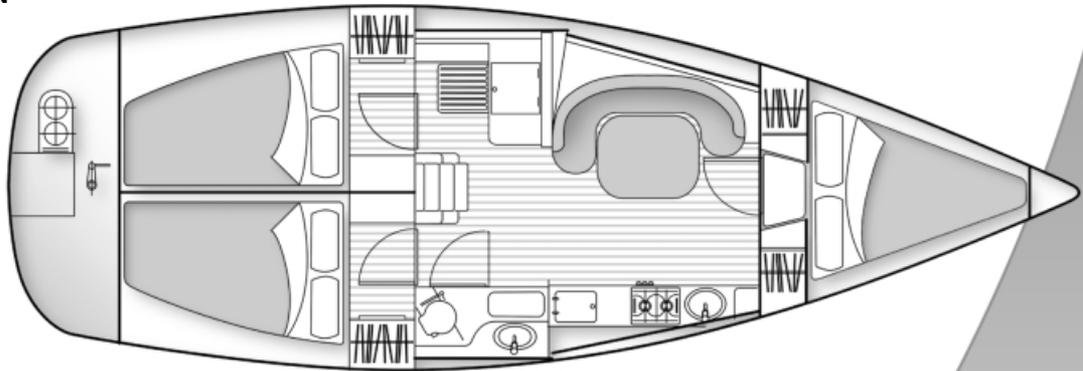
MISCELLANEOUS

- Owner manual.
- 2 winch handles.
- 1 emergency tiller.
- 1 gas bottle.
- 1 fire extinguisher.

OWNER VERSION



3 CABINS VERSION



Summary of the main characteristics of the **RO 340**

Overall length	10,0 m	Berths	6+1
Hull length	9,8 m	Water tank	200 l
Beam	3,25 m	Fuel tank	75 l
Displacement	4000 kg	Upwind sail area	60 m ²
Draft	1,66 / 1,90 m	Mainsail	29 m ²
Ballast	1600 kg	Genoa	31 m ²
Engine (standard)	VOLVO Diesel SD, MD 2020/ 19CV, 13.8 KW	Spinnaker/gennaker	81 / 70 m ²
		Boat design category CE	A

BOAT DESIGN CATEGORY CE: A (OCEANIC)

The RO 340 has been built in accordance with the European CE certifications and meets the requirement of the CE-directive 94/25/CE for pleasure craft. The CE class A certificate was approved by Germanischer Lloyd.

Due to the continuous evolution of our yachts, Ronautica reserves the right to modify the standard equipment of our yachts without prior notice. This is not a contractual document.

RONAUTICA YACHTS

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