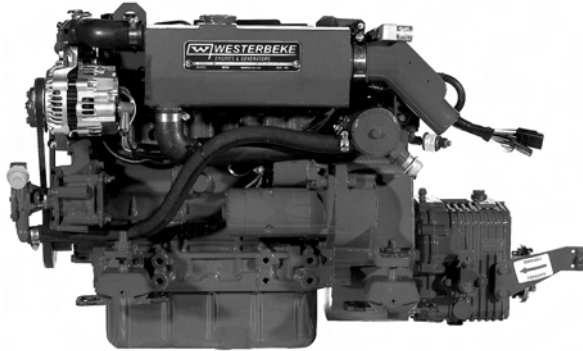




Long lasting, 3000-rpm performance...



44C Four Marine Diesel Engine

Quiet and Compact

Designed by Westerbeke, pioneers in lightweight marine diesel engines, the 44C Four offers 4-cylinder, 4-cycle smoothness in a lightweight, compact engine. Designed to fit in the smallest engine compartments and reduce weight to the vessel, the 44C Four weighs only 416 pounds (188.7 kilos)! A tuned air intake silencer and 4-point vibration mounts also diminish sound and vibration for a smooth, quiet ride.

Powerful and Reliable

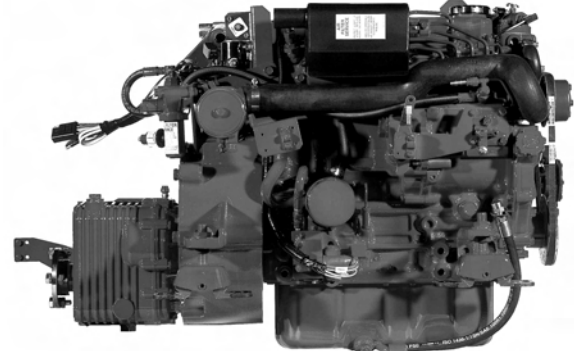
The naturally aspirated 1.76 liter design of the 44C Four provides instant power as well as simplicity and reliability. The 44C Four is rated at a low 3000-rpm for longer engine life and delivers dependable power without sacrificing smooth, quiet operation. For enhanced quiet performance, the 44C Four also has a tuned air intake silencer.

Easy Operation and Maintenance

In order to minimize engine maintenance, a fresh water-cooling system and self-bleeding fuel system are designed into the 44C Four. Some benefits are a standard front-mounted, raw water pump as well as a positive flow, hot water heater connection in the thermostat bypass circuit also located on the front of the engine for easy access.

The Name You Can Trust

The presence of Westerbeke in over 65 countries around the world provides customers with easy access to parts, service and technical support worldwide. Established in 1937, Westerbeke is committed to providing its customers with quality products and unequalled after sales support.



44C Four Marine Diesel Engine

Standard Features

- Engine pre-wired to plug-in connector
- Circuit breaker protected electrical system
- Self-bleeding fuel system
- Front mounted, gear-driven raw water pump
- Fresh water cooled engine
- 12 volt, 50 amp alternator
- Domestic hot water connection
- Coolant recovery tank
- Throttle, stop, and shift control brackets
- Low oil pressure and high water temperature alarms
- Short profile marine gear with 2:1 reduction
- Glow plug cold starting aid
- Engine matched four-point, fail-safe, adjustable mounts
- Lube oil drain hose
- Tuned air intake silencer with filter
- Operators' manual and parts list

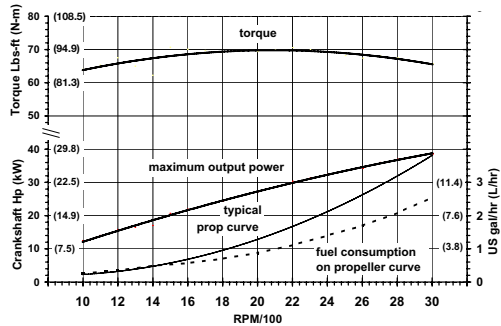


Optional Admiral Panel

Admiral Panel Dimensions

| | |
|--------|------------------|
| Length | 9.75" (247.7 mm) |
| Depth | 4.0" (101.6 mm) |
| Height | 6.0" (152.4 mm) |

Maximum Output at Crankshaft = 38 HP (28.3 kW) at 3000 rpm



Westerbeke recommends a propeller that will allow the engine to turn 3000 rpm underway at full throttle. Output is according to ISO 8665/3046. Fuel density 0.840 kg/L at 15 °C. Output includes +/- 5% tolerance.

Construction – Engine Component

| | |
|------------------|--|
| Cylinder head | Cast Iron |
| Cylinder block | Cast Iron |
| Crankshaft | Forged crankshaft, five main bearings |
| Valves | Overhead valves, rotating type |
| Fuel System | Self-bleeding |
| Intake system | Tuned intake silencer for maximum noise reduction |
| Cooling system | Fresh water-cooled with tube and shell type heat exchanger |
| Exhaust manifold | Cast aluminum, fresh water-cooled with built-in expansion tank |

Standard Equipment

| | |
|---|----------------------------------|
| Standard gear ratio | 2:1 |
| Mounting centers | 14.6", 16.0" & 18.5" |
| Flexible Mounts | Adjustable fail-safe rubber type |
| Starting aid | |
| Domestic hot water connection | |
| Coolant recovery tank | |
| Battery charging alternator | 50 amp |
| Control brackets | For all control attachments |
| Pre-wired engine | |
| Gear-driven raw water pump | |
| Lube oil drain hose | |
| Gear oil cooler | |
| Oil fill | Top and service side |
| Air filter | |
| Circuit breaker protected electrical system | |
| Operators' manual and parts list | |

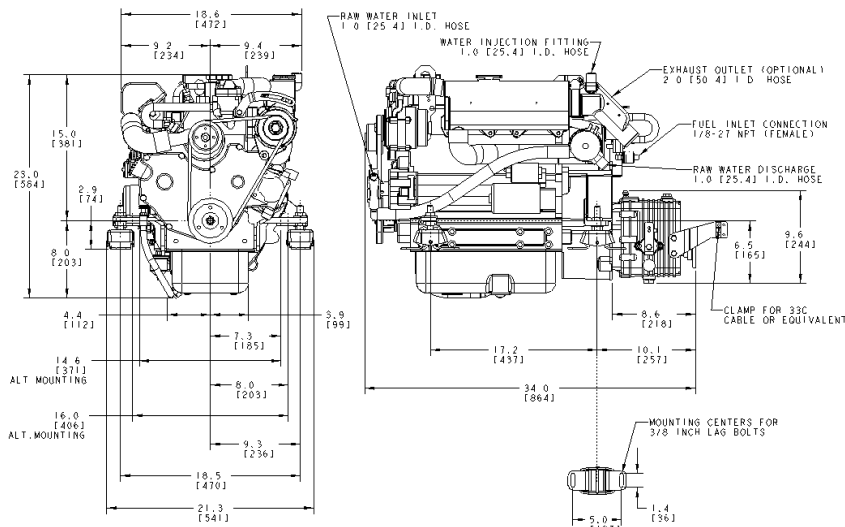
Optional Equipment

| | |
|---|---------------------------|
| Captain panel with alarm (tachometer with lights) | |
| Admiral panel with alarms (tachometer with gauges) | |
| Dual station senders | |
| Other gear ratios | Consult local distributor |
| Hydraulic transmissions | Consult local distributor |
| Remote expansion tank | |
| 72 or 90 amp alternator in place of standard | |
| Muffler and fittings | |
| "A" on board spare parts kit | |
| "B" extended cruising spare parts kit | |
| Anti-siphon valve for overboard cooling discharge water | |
| 45 degree water injected exhaust elbow | |
| Propeller shaft couplings (rigid/flexible) available standard sizes | |

Specifications

| | |
|----------------------------------|--|
| Number of cylinders | 4 Cylinder, vertical in-line |
| Cycles | 4 cycle |
| Displacement | 107.27 cu. in. (1.758 liter) |
| Bore and stroke | 3.07" x 3.62" (78 mm x 92 mm) |
| Compression ratio | 22:1 |
| Maximum angle of installation | Not to exceed 14° in all directions |
| Maximum angle of operation | Not to exceed 30° for 30 min. |
| Crankshaft direction of rotation | Counterclockwise as viewed from flywheel end |
| Propeller shaft dir. of rotation | Right hand - Std. transmission |
| Dry weight | 416 lbs. (188.7 kilos) |
| Combustion system | Swirl type |
| Aspiration | Naturally aspirated |
| Lubrication system | Forced lubrication by gear pump |
| Cooling system capacity | 7 quarts (6.6 liters) |
| Starting aid | 12 volt sheathed type glow plug |
| Engine stop | Manual type |
| Fuel injection pump | Bosch type |
| Governor | Centrifugal type |
| Injectors | Throttle type |
| Fuel Filter | Primary |
| Lube oil filter | Full flow, spin-on element |
| Lubricant capacity | 6.3 quarts (6.0 liters) |
| Fuel transfer pump | Electrical |
| Fuel supply and return piping | 1/4" ID (6.35 mm) minimum 3/8" ID (9.53 mm) maximum |
| Starting motor | 12 volt, solenoid actuated |
| Battery charging Alternator | 50 ampere (12 Volts) |
| Cold cranking amps | 160 at 79 degrees F |
| Alternator/regulator | Automatic, solid state built-in |
| Electrical system | 12 volts DC, negative ground |

Dimensions Inches (millimeters)



Authorized Dealer