Four cylinder, four cycle smoothness in a lightweight, compact engine

Many features are standard equipment

The new Model 63C Four represents the latest engine design from Westerbeke. With a low and narrow profile it is lightweight and easily installed. The naturally aspirated design provides extra low-end power as well as simplicity and reliability. The standard transmission, fresh water cooling system and captive fail-safe mounts are all oversized for added dependability.

Engineered with a self bleeding fuel system, front mounted sea water pump, oil drain hose and true one-side servicing, the engine is easily maintained. A comprehensive list of factory designed and installed options allows you to custom tailor your engine to fit your individual requirements.

Parts and service are available worldwide. Westerbeke engines and generators can be serviced by over 600 authorized dealers strategically located in major navigable waterways in the United States and Canada, as well as in 41 countries overseas.

A new generation of marine diesel engines

- Fresh water cooling
- Engine prewired to plug-in connector
- Self-bleeding fuel system
- 12 volt, 51 ampere alternator
- Domestic hot water connection
- Coolant recovery tank
- Throttle and shift control brackets
- Low oil pressure and high water temperature alarms
- Gear-driven sea water pump
- Oversized marine transmission with 2.7:1 reduction
- Transmission oil cooler
- Glow plug cold starting aid
- Engine matched four point adjustable mounts
- Lube oil drain hose
- Fresh water lube oil cooler
- Circuit breaker protected electrical system
- Operator's Manual and Parts List
- Large list of factory engineered options
- "CE" Mark

Dimensions

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<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>Length</td>
<td>38.75&quot;</td>
<td>(984.3 mm)</td>
<td></td>
</tr>
<tr>
<td>Width</td>
<td>22.63&quot;</td>
<td>(574.6 mm)</td>
<td></td>
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<tr>
<td>Height</td>
<td>24.93&quot;</td>
<td>(633.2 mm)</td>
<td></td>
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<tr>
<td>Weight</td>
<td>614 lbs.</td>
<td>(278.7 kilos)</td>
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See other side for more dimension information
Performance Data

**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 oversized tube and shell type heat exchanger
**Exhaust manifold** Cast aluminum, fresh water-cooled with built-in expansion tank

**Specifications**
- **Number of cylinders**: 4 Cylinder vertical in-line
- **Cycles**: 4 Cycle
- **Displacement**: 134.8 cu. in. (2.21 liter)
- **Bore and stroke**: 3.50” x 3.51” (88.9 mm x 89.1 mm)
- **Compression ratio**: 21:1
- **Maximum angle of installation**: Not to exceed 14°
- **Maximum angle of operation**: Not to exceed 25°
- **Crankshaft, direction of rotation**: Counterclockwise as viewed from flywheel end
- **Propeller shaft, direction of rotation**: Right hand — std. trans.
- **Dry weight**: 614 lbs (278.7 kilos)
- **Combustion system**: Swirl type
- **Aspiration**: Naturally aspirated
- **Lubrication system**: Forced lubrication by gear pump
- **Cooling system**: 10.5 quarts (9.9 liters)
- **Starting aid**: 12 volt shafted type glow plug
- **Engine stop**: Electric plus manual lever
- **Fuel injection pump**: Bosch type
- **Governor**: Centrifugal type
- **Injectors**: Throttle type
- **Fuel filter**: Full flow, spin-on element
- **Lube oil filter**: Full flow, spin-on element
- **Lubricant capacity**: 1.33 US gal (5.03 liters)
- **Lube oil cooler**: Fresh water cooled
- **Fuel transfer pump**: Electrical
- **Fuel supply and return piping**: 1/4” ID (6.35 mm) minimum
- **3/8” ID (9.52 mm) maximum
- **Starting motor**: 12 volt, solenoid, actuated shift
- **Battery charging alternator**: 51 amp (12 volts)
- **Cold cranking amps**: 205 amps
- **Electrical system**: 12 volts DC, negative ground

**Standard Equipment**
- **Standard gear ratio**: 2.7:1
- **Mounting centers**: 18.5”
- **Flexible mounts**: Engine matched adjustable tail-safe neoprene type
- **Domestic hot water connection**:
- **Coolant recovery tank**:
- **Battery charging alternator**: 51 amp, 12 volt
- **Starting aid**: Throttle and shift
- **Prewired Engine**: Gear-driven sea water pump
- **Lube oil cooler in fresh water system**:
- **Lube oil drain hose**:
- **Transmission oil cooler**: Top
- **Oil fill**:
- **Circuit breaker protected electrical system**:
- **Operator’s 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**:
- **Provisions for refrigeration compressor**:
- **Muffler and fittings**: "A" and "B" on board spare parts kits
- **Alternators, 90 amp single output**: 135, 165, 190 dual output
- **Anti-siphon valve for overboard cooling discharge water**:
- **Technical Manual**:
- **Exhaust connection (water injected): 70° elbow**:
- **Propeller shaft couplings (rigid/ flexible)** — available standard sizes

**Dimensions**

Authorized Dealer

WESTERBEKE CORP., AVON INDUSTRIAL PARK, AVON, MA 02322 U.S.A. • TELEPHONE: (508) 588-7700 • FAX: (508) 599-9323 • CABLE: WESTCORP

Specifications Subject to Change without Notice.

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