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

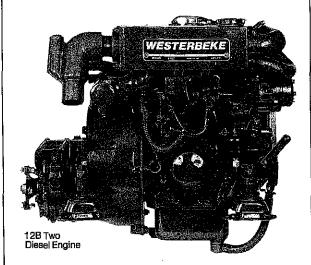
DIESEL WESTERBEKE

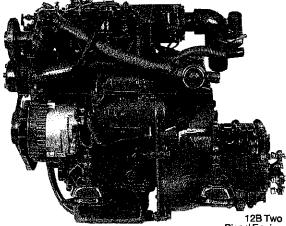
A new generation of marine diesel engines

The new Westerbeke B advanced series engines have the smallest "envelope" available ("envelope" is the combined length, width, height). These lightweight low profile engines are designed to fit into the smallest of engine compartments. They are engineered by Westerbeke, pioneers in marine diesel engines, to provide consistent performance, quietness, durability and above all reliability, year after vear.

The new B series engines are easy to install, economical to operate, and convenient to service. A full range of options is available allowing 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 20 countries overseas.





Diesel Engine

Many features are standard equipment

- Fresh water cooling
- Engine prewired to plug-in connector
- Self-bleeding fuel system
- 12 volt 35 ampere alternator
- Flow control domestic hot water connections
- Coolant recovery tank
- Throttle, stop, and shift control brackets
- Low oil pressure and high water temperature alarms
- Glow plug cold starting aid
- Four point adjustable flex mounts
- Lube oil drain hose
- Flexible fuel supply and return connector
- Operator's Manual and Parts List



2B

WESTERBEKE

Performance Data	
Horsepower and rpm 12 hp @ 3600 rpm	(W - 5) (W
Maximum torque and rpm 19 lbs/ft @ 2700 rpm	
Typical fuel consumption 0.006 US gal/hp/hr (0.227 liters/hp/hr)	12,
Typical fuel consumption @ 2500 rpm 0.3 US gal/hr (1.14 liters/hr)	10 Barbones Hores
	1200 1800 2400 3000 3500 ENGINE SPEED – RPM

Specifications

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Number of cylinders	2 Cylindervertical in line
Cycles	4 Cycle
Displacement	27.52 cu (in: (.4/5 liter)
Bore and stroke	2.56" x 2.68" (65 mm x 68 mm)
Compression ratio	25:0
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 sto trans
Dry weight	205 lbs (92.9 kilos)
Combustion'system	Swirl type 5
Aspiration	Naturally aspirated
Lubrication system	Forced lubrication by gear pump
Cooling system	4.0 quarts (3.78 liters)
Starting aid	
Engine stop	Manual type
Fuel injection pump	Boschitype
Governor	Centrifugal type
Injectors	Throttle type
Fuel filter	Primary & secondary
: Euberoil filter	Full flow, spin on element
Lubricant capacity	2 quarts (1.89 liters)
Fueltransfer pump	Electrical plunger type
Fuel supply and return piping	1/4" ID (.635 mm) minimum 3/8" ID (.952 mm) maximum
Starting/motor	12 volt, solenoid, actuated shift
Battery charging alternator	35 ampere (12 volts)
Cold cranking amps	209 amps
Alternator/regulator	Automatic, solid state built-in
Electrical-system	 12 volts DC negative ground

Cylinder block Cast iron Cylinder block Cast iron Cransnart Renged crankshaft three main bearings. Valves Overhead valves, rotating type Fuelsystem Self bleading Intake system Tuned intake silencer for maximum noise reduction Coöling system Fresh water cooled (with tube and shell type heat axchanger Exhaust manifold Cast aluminum, fresh water-cooled with built-in expansion tank Standard Equipment Standard gear ratio Mounting centers 15" Flexible mounts Adjustable fall safe nubber type Flow control domestic hot water connection Codaritificeovery tank Battery charging alternator Standard gear ratio Standard Equipment For all control attachments Prewired Engine For all control attachments Battery charging alternator Standard seamer trans Stanting alde For all control attachments Control brackets For all control attachments Prewired Engine Stanting alde Balt-driven sea water pump Tupe Cube on induction mose Consult local Distributor Operatol's Manual Consult lo		on — Engine Components
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"B" extended cruising spare parts kit		
"B" extended cruising spare parts kit	A on board span	e parts kit
	Technical Manual	

Exhaust connection (water injected 90°, 45° elbows & riser) Propeller shaft couplings (rigid/flexible) — available standard sizes

