



## DESIGN FEATURES OF THE WESTERBEKE 10 TWO

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To avoid resonance of the cylinder block, the crankcase is carefully ribbed for rigidity.

Despite the engine's small dimensions, there still is a stroke of 2.68 inches. Three compression rings and one oil control ring are used for good balance of the moving piston and further reduction of mechanical noise and vibration.

The valve cover is cast — not stamped — a noise damping component.

Both cylinder block and head are cast iron which is more sound deadening, rigid, and long-lived than aluminum.

The result is sound expressed in DB(a) readings at one meter, with full load, of 86 Decibels at 2000, 89 at 2500, to a low of 92 at 3600 RPM — a truly remarkable performance.

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Engine starting has been given special attention. An automatic fuel advance system, along with the starting motor, makes starting easy at 50°F. For lower temperatures, preheating glow plugs are standard equipment.

The engine is designed with easier maintenance in mind. For example, the camshaft and governor shaft are gear driven in the normal fashion, but the fuel injection pump and oil pump are built in and driven by the main camshaft. Simplicity of design has produced a thoroughly modern engine of less than 350 parts, so arranged that injection pump, governor, throttle lever, fuel filter, cartridge type oil filter, and oil dipstick are all on the same side of the engine.

### OPTIONAL EQUIPMENT

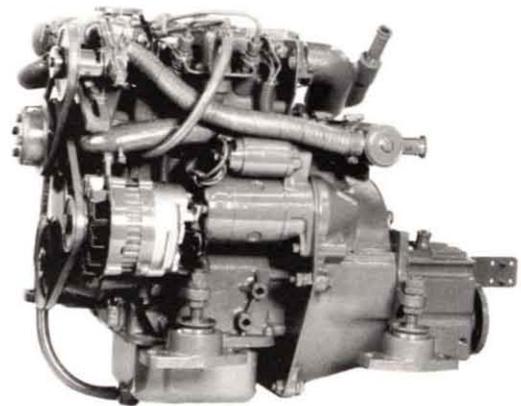
Various accessory front pulleys  
Sea water strainer  
Electric instrument panel including  
hour meter and tachometer  
Sediment/water trap primary filter  
for full engine protection  
Hydro-Hush B (water lift silencer)



Hydro-Hush B (water lift silencer)

## ENGINE SPECIFICATIONS

Engine Type	2 cyl., 4 cycle, OHV Diesel
Bore & Stroke	2.56 in. x 2.68 in.
Displacement	27.52 cu. inches
Compression Ratio	25:1
Lubrication	Pressure by Trochoid Pump
Injection Pump	Bosch Type
Nozzles	Throttle Type
Governor	Centrifugal Weight Type
Starter	Solenoid Shift Type
Alternator	35 Ampere
Glow Plugs	Quick Heat Type
Fuel Transfer Pump	Electric Plunger Type
Engine Weight	205 Pounds
Propeller Rotation	Right Hand
Fuel Consumption	Approximately .3 G.P.H.
Installation Angle	Not to exceed 14°



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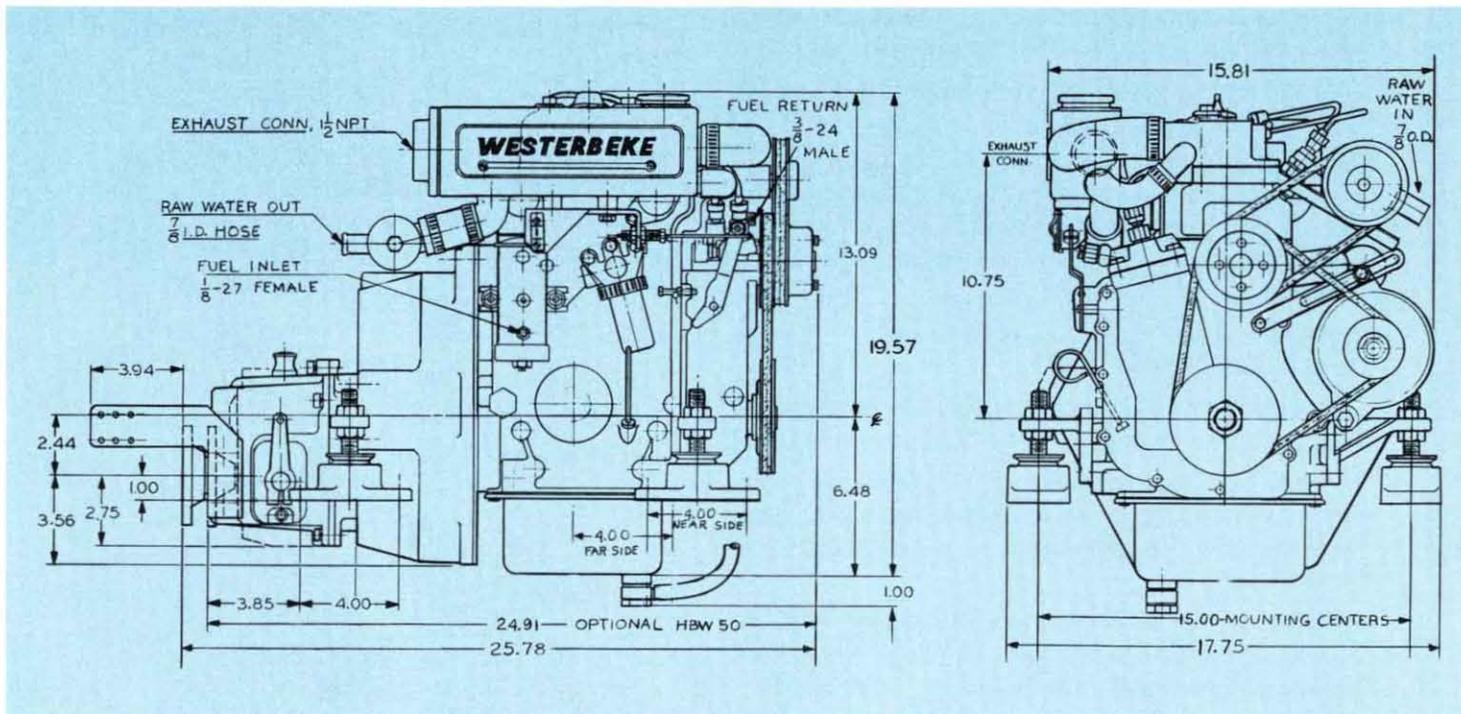
WESTERBEKE CORPORATION  
AVON INDUSTRIAL PARK, AVON, MA 02322 • TEL: (617) 588-7700

DPS 6/87 2M

# THE TWO CYLINDER WESTERBEKE

The smallest, lightest, smoothest, quietest,  
best equipped diesel we've ever offered

# 10 TWO



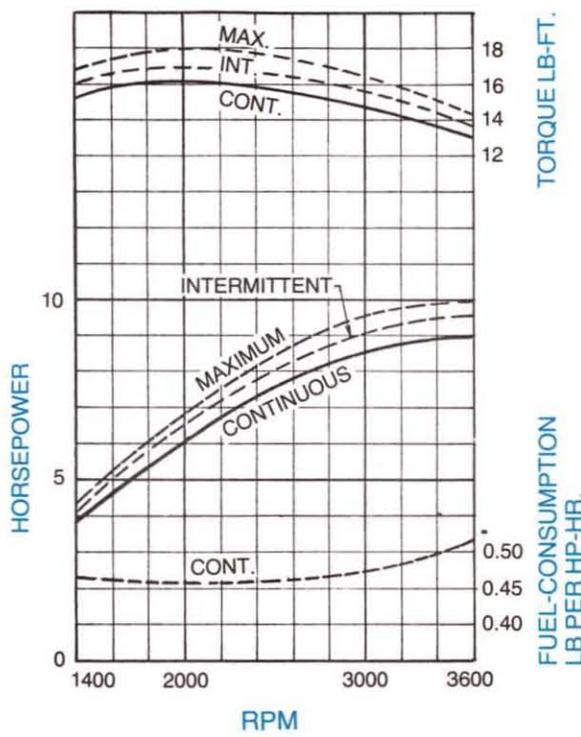
## The Newest of the New

Westerbeke 10 two provides two cylinder, four cycle smoothness in a lightweight, compact engine. Cylinder head and block are cast iron for strength and long life, while aluminum is used in non-wearing parts for light weight. The performance from this 28 cubic inch space saving engine will amaze you!

**Standard equipment** not usually found on engines of this size include: FRESH WATER COOLING, 12 VOLT 35 AMPERE ALTERNATOR, PREWIRED ELECTRICAL SYSTEM, SELF BLEEDING FUEL SYSTEM, FLO CONTROLLER FOR DOMESTIC HOT WATER, COOLANT RECOVERY TANK, SHORT PROFILE MARINE GEAR WITH 2:1 REDUCTION, LOW OIL PRESSURE AND HIGH WATER TEMPERATURE ALARM, QUICK HEAT TYPE GLOW PLUGS FOR FAST STARTS AT LOW TEMPERARURES, WATER INJECTED EXHAUST ELBOW.

The W10 two is the newest in Westerbeke's family of marine diesel engines. Ten additional engines are available from 13 to 100 horsepower. All models are fresh water cooled and built for performance, durability and economical operation.

Many standardized features and commonized parts have been incorporated for higher quality at lower cost.



**ENGINES: 10, 13, 18, 27, 33, 46, 52, 58, 70, 80, 100, 120**

Fresh Water Cooled Diesel Engines from Westerbeke

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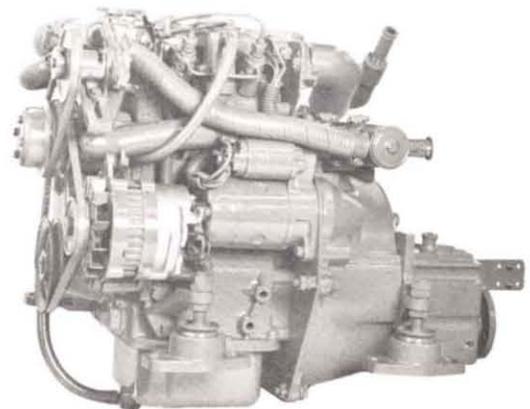
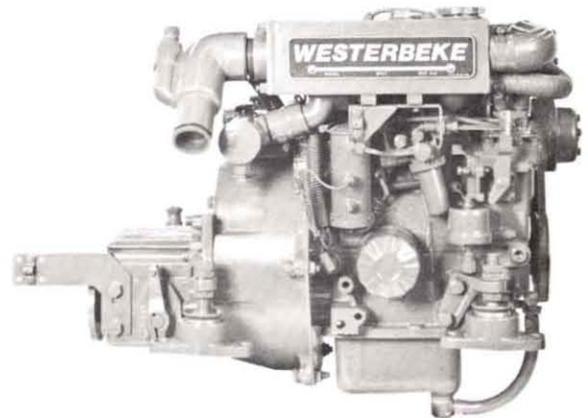
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Sea water strainer  
Electric instrument panel including  
hour meter and tachometer  
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Glow Plugs	Quick Heat Type
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Engine Weight	205 Pounds
Propeller Rotation	Right Hand
Fuel Consumption	Approximately .3 G.P.H.
Installation Angle	Not to exceed 14°



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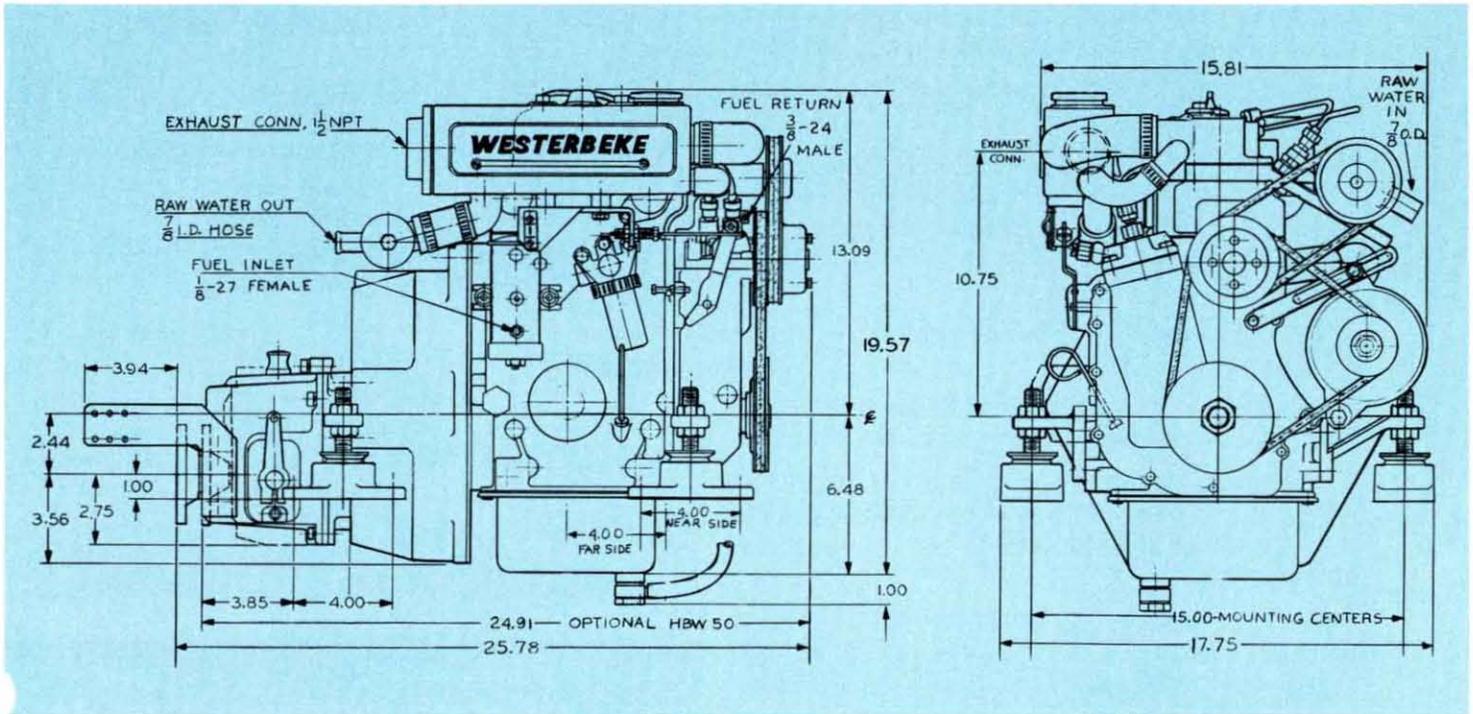
## J. H. WESTERBEKE CORP.

Avon Industrial Park, Avon, MA 02322, (617) 588-7700  
Cable: Westcorp, Avon, Telex: 92-4444

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best equipped diesel we've ever offered

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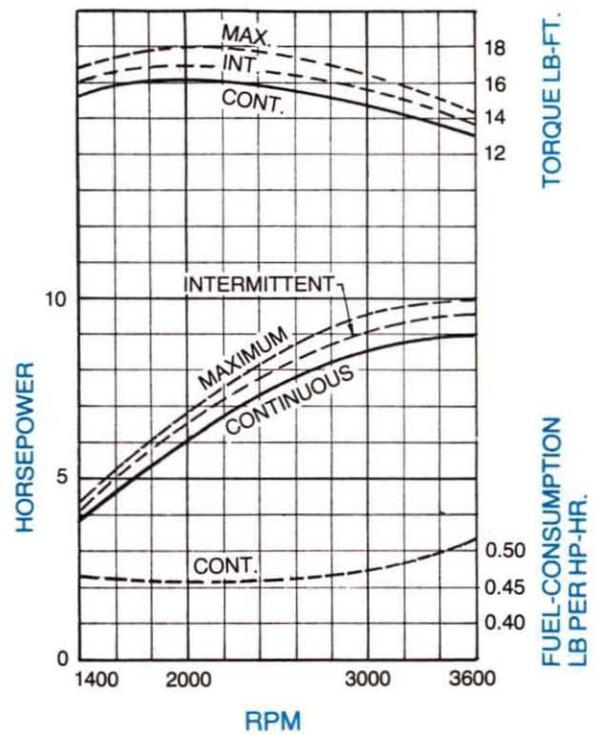
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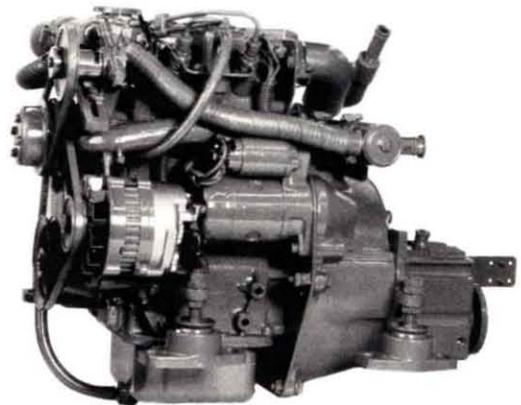
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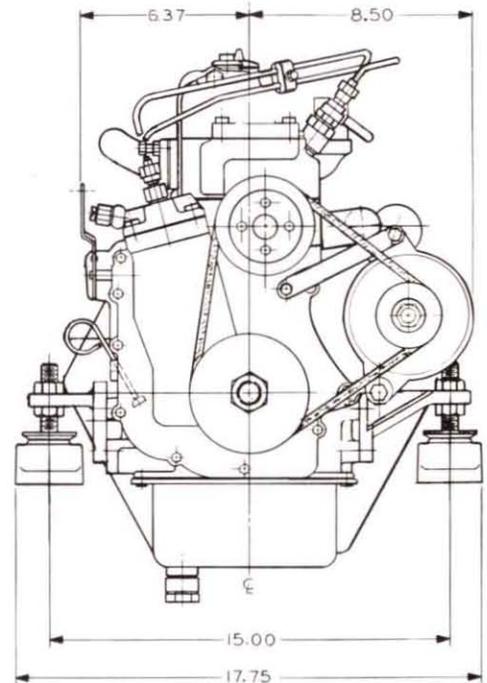
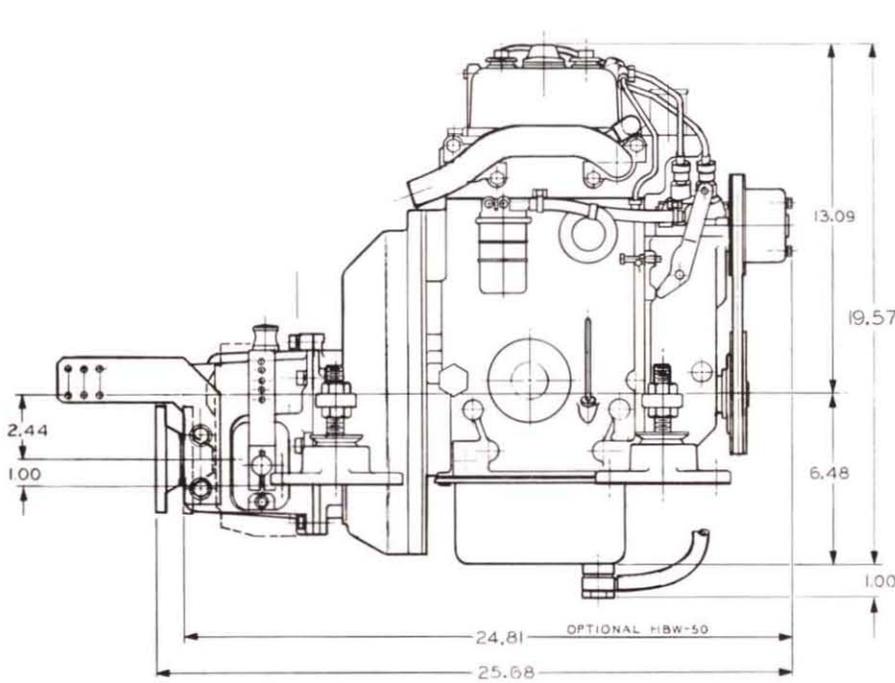
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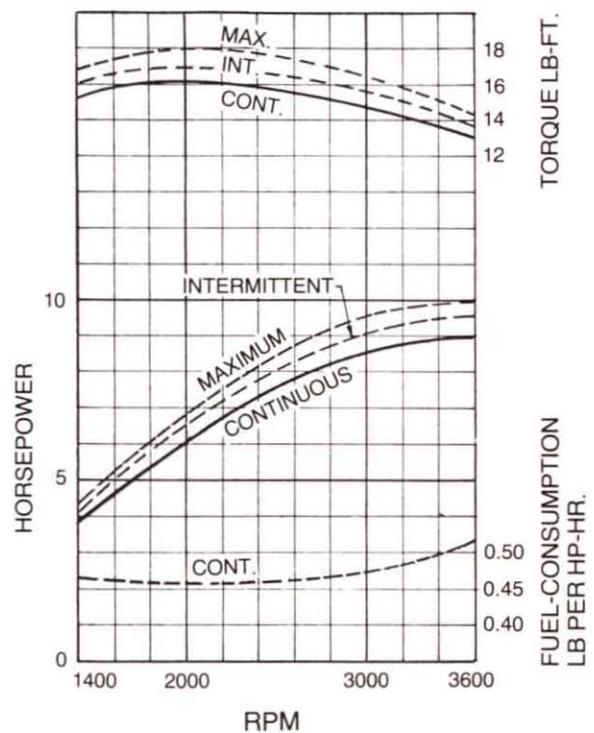
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Glow Plugs	Quick Heat Type
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Propeller Rotation	Right Hand



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