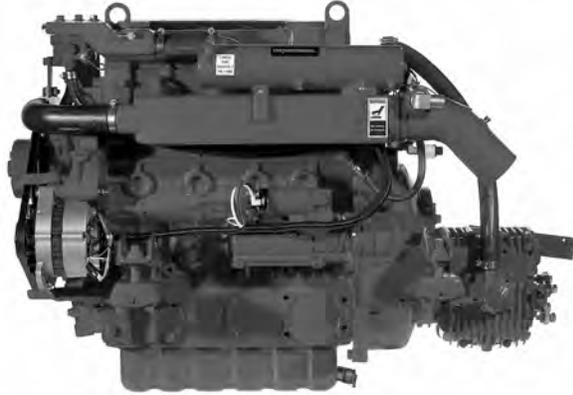
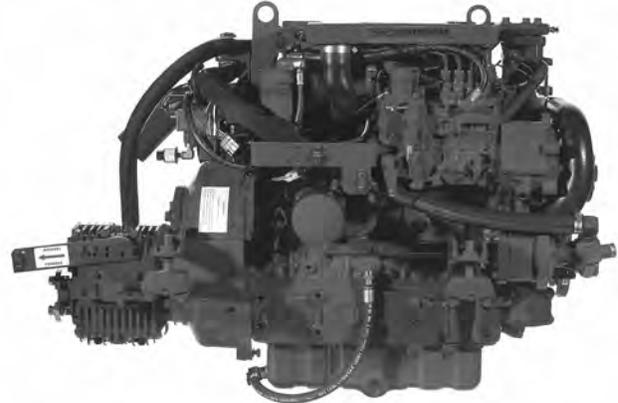




Extra low-end power at 2600 rpm...



65A Four Diesel Engine



65A Four Diesel Engine

Smooth and Quiet

The 65A Four offers 4-cylinder, 4-cycle smoothness. A tuned air intake silencer and 4-point vibration mounts diminish sound and vibration for a smooth and quiet ride.

Powerful and Reliable

The naturally aspirated 3.3 liter design of the 65A Four provides instant power as well as simplicity and reliability. The 65A Four is rated at a low 2600-rpm for longer engine life and delivers dependable power.

Easy Operation and Maintenance

In order to minimize engine maintenance, a fresh water cooling system and "EZ-Bleed" fuel system are designed into the 65A 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.

Many Optional Accessories

Many optional accessories are available including large single and dual output battery charging alternators and refrigeration compressor mounts. Factory engineered and factory installed, an owner or builder benefits from these complete and properly designed systems.

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.

Standard Features

- Engine pre-wired to plug-in connector
- Circuit breaker protected electrical system
- Electric stop
- "EZ-Bleed" fuel system
- Gear-driven, raw water pump
- Fresh water cooled engine
- Fresh water lube oil cooler
- Transmission oil cooler
- 72 amp, battery charging alternator
- Domestic hot water connection
- Coolant recovery tank
- Throttle, stop, and shift control brackets
- Low oil pressure and high water temperature alarms
- Marine transmission with 1:88:1 reduction
- Glow plug cold starting aid
- Engine matched four-point, fail-safe, adjustable mounts
- Lube oil drain hose
- Tuned air intake silencer
- 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)

Starting motor	12 volt, solenoid, actuated shift
Cold cranking amps	400-600 amps (includes heater)
Electrical system	12 volts DC, negative ground

Construction-Engine Components

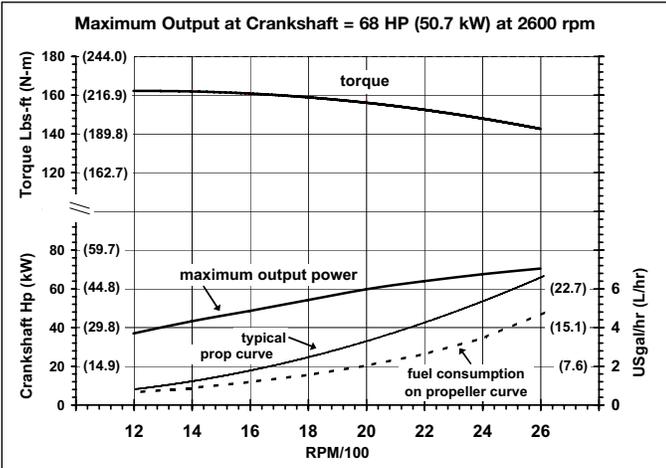
Cylinder head	Cast Iron
Cylinder block	Cast Iron
Crankshaft	Forged crankshaft, five main bearings
Valves	Overhead valves
Fuel System	"EZ-Bleed"
Intake system	Tuned intake system for maximum noise reduction
Cooling system	Fresh water-cooled with heat exchanger
Exhaust manifold	Cast aluminum, fresh water-cooled with

Standard Equipment

Standard gear ratio	1:88:1
Mounting centers	20.0" and 22.5"
Flexible mounts	Oversized adjustable fail-safe rubber type
Domestic hot water connection	
Coolant recovery tank	
Battery charging alternator	72 amp, 12 volt
Control brackets	Throttle and shift
Prewired Engine	
Gear-driven raw water pump	
Lube oil cooler in fresh water system	
Lube oil drain hose	
Transmission oil cooler	
Oil fill	Top and side
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	
Alternator, 100, 160, 190 amp single output	
Anti-siphon valve for overboard cooling discharge water	
Technical Manual	
Exhaust connection (water injected 45° or 70° elbow)	
Propeller shaft couplings (rigid/flexible)-available standard sizes	

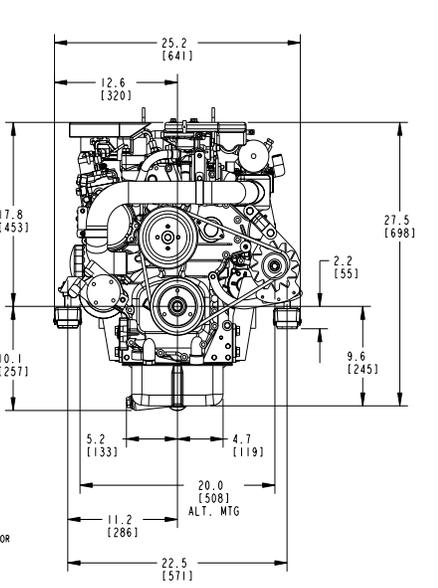
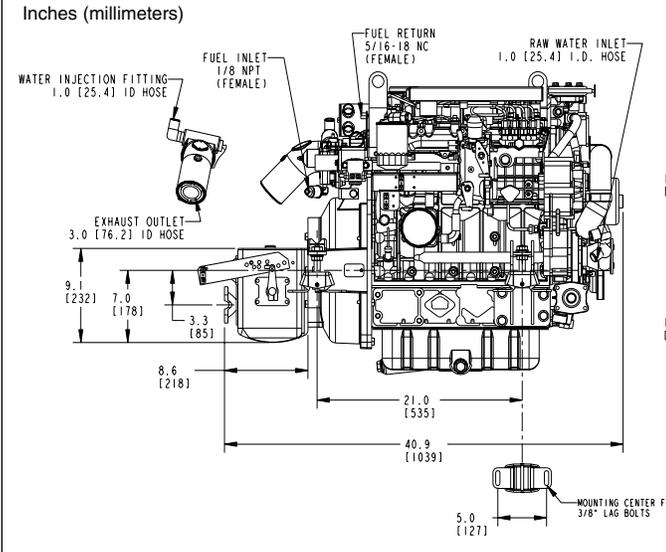


Westerbeke recommends a propeller that will allow the engine to turn 2600 rpm underway at full throttle. Output is according to ISO 8665/3046. Fuel density 0.840 kg/L at 15 °C. Output includes +/- 5% tolerance.

Specifications

Number of cylinders	4 Cylinder vertical in-line
Cycles	4 cycle
Displacement	202.5 cu. in. (3.3 liter)
Bore and stroke	3.86" x 4.33" (98.0 mm x 110.0 mm)
Compression ratio	22.6:1
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	730 lbs. (331 kilos)
Combustion system	Indirect injection
Aspiration	Naturally aspirated
Lubrication system	Trochoid type pump
Cooling system	16 quarts (15.14 liters)
Starting aid	12 volt sheathed type glow plug
Engine stop	Electric
Fuel injection pump	Bosch type mini pump
Governor	Mechanical
Injectors	Bosch type
Fuel Filter	Full flow, spin-on element
Lube oil filter	Full flow, spin-on element
Lubricant capacity (incl. filters)	14 quarts (13.3 liters)
Lube oil cooler	Fresh water cooled
Fuel transfer pump	12 volt electric type
Fuel supply and return piping	1/4" ID (6.35 mm) minimum 3/8" ID (9.53 mm) maximum

Dimensions



Authorized Dealer