

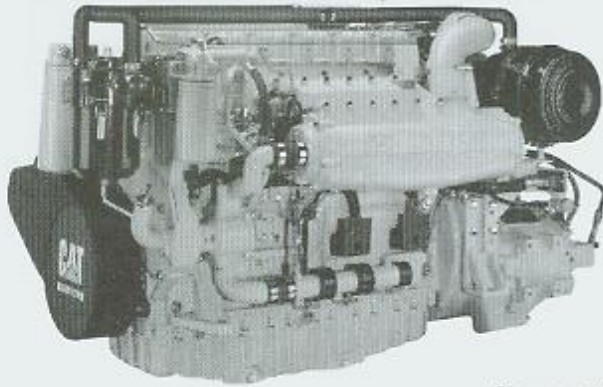
CATERPILLAR®

Marine Engine

3126B

336 bkW @ 2800 rpm
450 bhp @ 2800 rpm

2



Shown with
Accessory Equipment

SPECIFICATIONS

I-6, 4-Stroke-Cycle-Diesel

Emissions	IMO compliant
Bore—mm (in)	110 (4.33)
Stroke—mm (in)	127 (5.0)
Displacement—L (cu in)	7.2 (439)
Rotation (from flywheel end)	Counterclockwise
Compression Ratio	14.5:1
Capacity for Liquids—L (U.S. gal)	
Cooling System	39 (10.3)
Lube Oil System (refill)	25 (6.6)
Oil Change Interval — hrs	200
Caterpillar DEO 10W30 or 15W40	
Engine Weight, Net Dry	
(approx) — kg (lb)	809 (1,782)

STANDARD ENGINE EQUIPMENT

Air Inlet System

air cleaner with closed crankcase fumes disposal system

Charging System

belt-driven charging alternator and mounting (12 volt, 51 ampere)

Control System

electronic governor with Electronic Control Module (ECM), throttle position sensor, engine-mounted 40-pin dedicated customer connector, SAE J1939 data link

Cooling System

sea water aftercooler with condensate drain valve, gear-driven auxiliary sea water pump and auxiliary sea water lines, engine-mounted heat exchanger with removable copper-nickel tube bundle, expansion tank, thermostat and housing, engine oil cooler, transmission oil cooler

Exhaust System

watercooled exhaust manifold and turbocharger, fumes disposal routed to turbocharger inlet

Flywheel and Flywheel Housing

SAE No. 3 flywheel (126 teeth) and SAE No. 3 flywheel housing

Fuel System

Hydraulically actuated Electronically controlled Unit Injector (HEUI) fuel system, LH or RH service fuel filter, fuel transfer pump

Lube System

top mounted crankcase breather, front center service oil filter, LH or RH service oil filler and oil level gauge, oil pan, LH or RH service oil pan drain, gear-driven oil pump

Protection System

electronic overspeed protection

Starting System

rear-facing electric starting motor (12V), air inlet heater

General

torsional vibration damper, lifting eyes

Power produced at the flywheel will be within standard tolerances up to 50° C (122° F) combustion air temperature measured at the air cleaner inlet, and fuel temperature up to



combustion air temperature measured at the air cleaner inlet, and fuel temperature up to 52° C (125° F) measured at the fuel filter base. Power rated in accordance with NMMA procedure as crankshaft power. Reduce crankshaft power by 3% for propeller shaft power.

