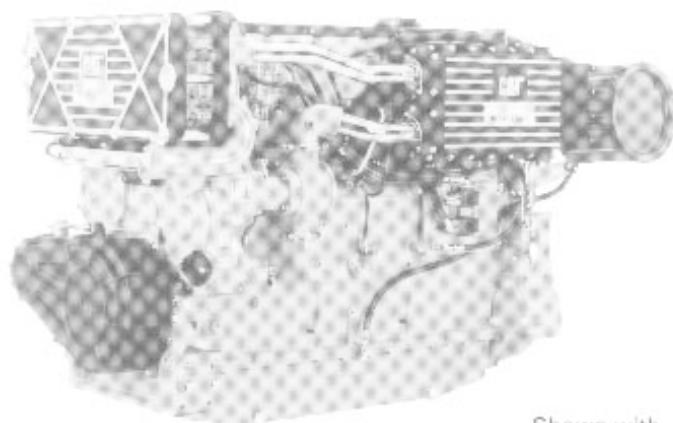


CATERPILLAR®

Marine Engine

3406E

336-597 kW/450-800 bhp
1800-2300 rpm



Shown with
Optional Equipment

STANDARD ENGINE EQUIPMENT

Air inlet

aftercooler, air cleaner — light duty (open system) or fumes disposal (closed system — for E ratings only)

Cooling

thermostat, jacket water pump, sea water pump, heat exchanger with expansion tank (if applicable)

Control system

Electronic Control Module (ECM)
engine-mounted sensors

Exhaust

watercooled exhaust manifold and turbocharger, 6-inch round flanged outlet

Flywheel and flywheel housing

SAE No. 1

Fuel

fuel filter, priming and transfer pumps, flexible fuel lines

Instrument panel

start/stop switch, breaker reset button, maintenance indicator lamp, maintenance clear switch, diagnostic lamp, warning lamp, emergency stop button, electric service meter

Lubricating

oil cooler, oil filter, center sump oil pan, crankcase breather, dipstick, oil pump

Mounting

front support

Power take-offs

hydraulic pump drive

CATERPILLAR® ENGINE SPECIFICATIONS

In-Line, 6-Cylinder, 4-Stroke-Cycle Diesel

Bore — mm (in) 137.2 (5.4)

Stroke — mm (in) 165.1 (6.5)

Displacement — L (cu in) 14.6 (893)

Low Idle (rpm) 600-750 (default 700)

Rotation (from flywheel end) .. Counterclockwise

Compression Ratio 14.7:1

Capacity for Liquids — L (U.S. Gal)

Cooling System (heat exchanger) .. 43.7 (11.4)

Lube Oil System (refill)

standard sump 49 (13)

deep sump 87 (23)

Weight, Net Dry (approx) — kg (lb)

Heat Exchanger 1590 (3497)

Keel Cooled 1512 (3326)

Emissions IMO compliant

DIMENSIONS



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 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.

