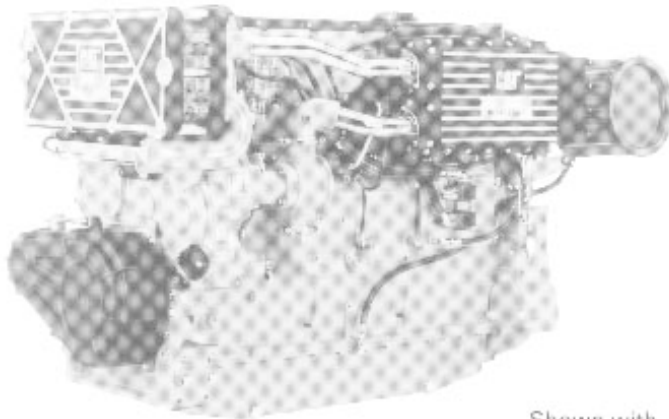


# CATERPILLAR®

## Marine Engine

# 3406E

336-597 bkW/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)

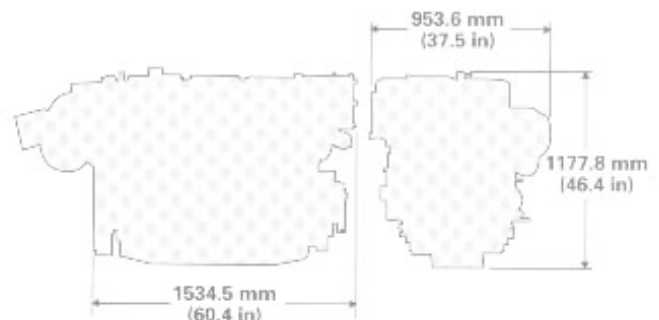
Weight, Net Dry (approx) — kg (lb)

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.

