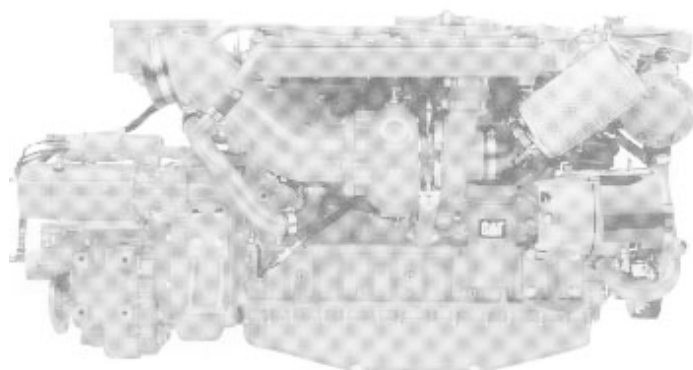


CATERPILLAR®

Marine Engine

3126

287-313 kW/385-420 bhp
2800 rpm



Shown with
Accessory Equipment

STANDARD ENGINE EQUIPMENT

Air intake
Walker Airsep
Alternator
belt driven, 12 volt, 51 ampere
Cooling
transmission oil cooler, heat exchanger, engine
oil cooler, watercooled exhaust manifold,
auxiliary sea water pump, expansion tank,
thermostat
Flywheel and housing
SAE No. 3, rear-mounted starter
Fuel
filter, shutoff solenoid – energized to run,
forward routed control cable bracket
Governor
mechanical
Lubricating
oil filter, filler, dipstick
Service RH and LH
service per top level PAs
Starting
electric, air inlet heater
Support
front
Torsional vibration damper
Tachometer drive
magnetic pickup

RATING CONDITIONS

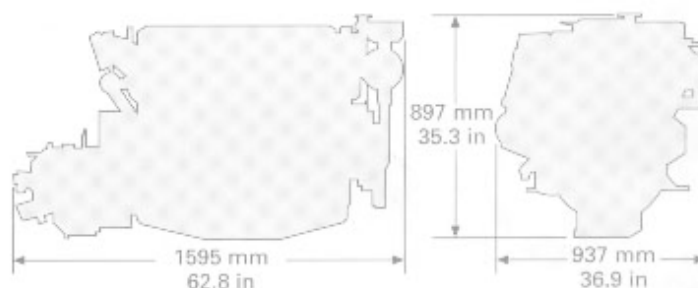
Ratings are based on SAE J1228/ISO8665 standard conditions of 100 kPa (29.61 in Hg) and 25° C (77° F). These ratings also apply at ISO3046/1, DIN6271, and BS5514 conditions of 100 kPa (29.61 in Hg), 27° C (81° F) and 60% relative humidity.

SPECIFICATIONS

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

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 15.0:1
Capacity for Liquids — L (U.S. gal)
Cooling System 28.0 (7.4)
Lube Oil System (refill) 25.0 (6.6)
Oil Change Interval 250 hrs
Engine Weight, Net Dry
(approx)—kg (lb) 722 (1590)

DIMENSIONS



This Caterpillar marine engine can be operated with air inlet temperatures up to 50° C (122° F) measured at the air cleaner inlet, and fuel temperatures 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.



Fuel rates are based on fuel oil of 35° API [16° C (60° F)] gravity having an LHV of 42 780 kJ/kg (18 390 Btu/lb) when used at 29° C (85° F) and weighing 838.9 g/liter (7.001 lbs/U.S. gal).

Additional ratings may be available for specific customer requirements. Consult your Caterpillar representative for details.