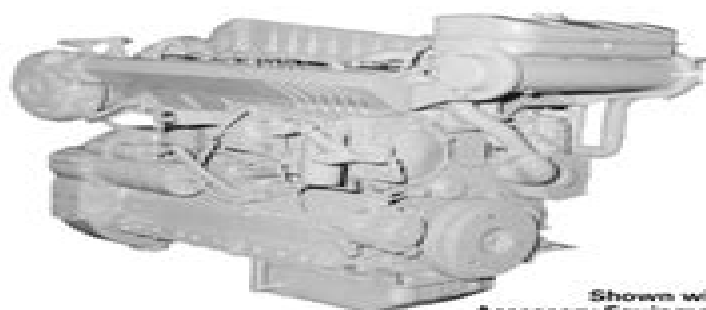




Shown with
Accessory Equipment

STANDARD EQUIPMENT

Air Inlet System

Regular duty air cleaner, rain cap

Charging System

24V 35 Amp alternator

Cooling System

Gear driven, self-priming, centrifugal auxiliary water pump with rubber impeller (heat exchanger engines); gear driven, centrifugal, jacket water pump; expansion tank; oil cooler; engine mounted heat exchanger with removable tube bundle and replaceable copper-nickel tubes (heat exchanger engines); thermostat and housing

Exhaust System

Watercooled manifold and turbocharger; dry elbow and flange, 127 mm (5 in.)

Flywheel and Flywheel Housing

SAE No. 1 (156 teeth)

Fuel System

Fuel priming pump, fuel transfer pump, fuel filter, primary fuel filter, flexible fuel lines

Instruments

RH instrument panel with oil pressure, water temperature, and fuel pressure gauges; service meter

Lube System

Top mounted crankcase breather, LH oil filter and oil level gauge, oil pan

Mounting System

Supports

Starting System

24V electric starting motor

General

Vibration damper and guard, Caterpillar yellow paint, lifting eyes

Marine Auxiliary Engine

3306B

161 bkW (216 bhp) 219 mhp @ 1500 rpm

SPECIFICATIONS

I-6, 4-Stroke-Cycle-Diesel

Emissions..... IMO compliant

Displacement..... 10.6 L (641 cu. in.)

Bore..... 120.7 mm (4.75 in.)

Stroke..... 152.4 mm (6.0 in.)

Aspiration..... Turbocharged-Aftercooled

Governor..... Hydra-mechanical or PSG

Engine Weight, Net Dry (approx)

Heat Exchanger Cooled..... 1027 kg (2265 lb)

Keel Cooled..... 993 kg (2190 lb)

Capacity for Liquids

Cooling System (engine only)... 15.9 L (4.2 U.S. gal)

Lube Oil System..... 38.8 L (10.25 U.S. gal)

Oil Change Interval..... 250 hr

Caterpillar DEO 10W30 or 15W40

Rotation (from flywheel end)..... Counterclockwise

ACCESSORY EQUIPMENT

Air Starting Motor

Alarm Contactor — Oil Pressure, Water Temperature

24V 35 Amp, 24V 60 Amp Alternator

Auxiliary Drive Pulley

Digital Tachometer

Double Wall Fuel Lines and Drain

12V Electric Gauges — Oil Pressure,

Water Temperature

24V or 32V Electric Gauges — Oil Pressure,

Water Temperature

Electric Shutoffs — Oil Pressure, Water Temperature,

Overspeed

Ether Starting Aid

Exhaust Elbow, Pipe, Flexible Fittings

Fuel Ratio Control

Generator Installation Arrangement

Hydraulic Pump Drive and Adapter

Magnetic Pickup

Manual Shutoff Lever

Manual Voltage Control

Mechanical Tachometer Drive

Mechanical Overspeed Contactor

Paralleling Kit

Rear Enclosed Clutch and Support

RFI Filter

RH Oil Level Gauge

Solenoid Shutoff — 12V or 24V, ETR or ETS

Spare Parts Kit

PERFORMANCE DATA

Turbocharged-Aftercooled

DM4998-00

161 bkW (L8 pf) 216 bhp			
% load	bkW	Lph	gph
100	157	40.6	10.7
75	117	30.4	8.0
50	78	20.4	5.4
25	40	11.7	3.1

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**General Motors Corporation. Electro-
Motive Division**



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Service Manual Caterpillar Tractor Company, 1976 *Maintenance Manual, Chrysler SEA-V Marine Engine, Model M-80*
Chrysler Corporation. Marine Engine Division, 1959* **Chrysler Sea-v Model M-80 Marine Engine Maintenance**
Manual Chrysler Corporation. Marine Engine Division, 198? **Operator and Organizational Maintenance Manual**
, 1990 *Caterpillar D334 Industrial and Marine Engines 92B1-up, 93B1-up* Caterpillar Tractor Co, 1979 **Model 567C**
Marine Engine Maintenance Manual General Motors Corporation. Electro-Motive Division, 1965 *Service and Repair*
Manual for Atomic and Marine Engine Robert Staton, 1999 *Service Manual, D379, D398 & D399, Industrial & Marine*
Engines Caterpillar Tractor Company, 1983 *Operation & Maintenance Manual* Caterpillar Inc. Peoria, Ill., 1991
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