

Specifications

Power Ratings

		<u>Metric</u>
Maximum	295 bhp	220 kW
Rated RPM	2600	2600
Fuel Consumption		
at rated rpm	16.1 GPH	61 LPH
Light Duty	295 bhp	220 kW
Rated RPM	2600	2600
Fuel Consumption		
at rated rpm	16.1 GPH	61 LPH
Continuous Duty	255 bhp	190 kW
Rated RPM	2300	2300
Fuel Consumption		
at rated rpm	13.4 GPH	50.7 LPH

Four Stroke Cycle, Naturally Aspirated, V8 Diesel Engine.

Bore and Stroke	5 ½ x 4 ¾ in.	140 x 121 mm
Displacement	903 cu. in.	14.8 L
Oil Pan Capacity	5 U.S. gals.	19 L
Net Weight, Dry†	2800 lbs.	1 270 kg
Installation Diagram Number		218133

†With selected accessories and Capitol 4HE-10200 marine gear.

Available Equipment

Accessory Drive: 1, 2, or 3-groove front accessory drive pulley mounted on vibration damper. Two-groove rear accessory drive pulley, mounted.

Air Intake System: Air intake silencer.

Alternators: 12 and 24 volt grounded, 24 and 32 volt insulated, with various amperage outputs. Includes built-in voltage regulator.

By-Pass Oil Filter: Full flow, replaceable element type, not mounted.

Cooling System: Keel cooling or heat exchanger with copper nickel tube bundle, mounted. Self-priming raw water pump, gear driven.

Electrical Accessories: Starter relay switch, low oil pressure and high water temperature alarm switches. 24 volt alarm horn.

Engine Supports: Marine type, 22½, 26, or 32 inch (572, 660, or 813 mm) mounting centers. Adjustable vibration isolators.

Exhaust System: Two 3 in. (76 mm) flanges for dry type system, mounted.

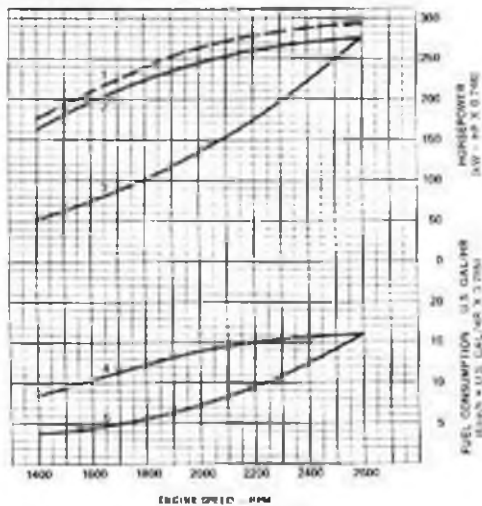
Flywheel and Flywheel Housing: SAE 1 and SAE 2 for use with 11.5 and 14 in. (292 and 356 mm) O.C. clutch adaptation.

Front Power Take-Off: Available for up to 95 bhp (71 kW).

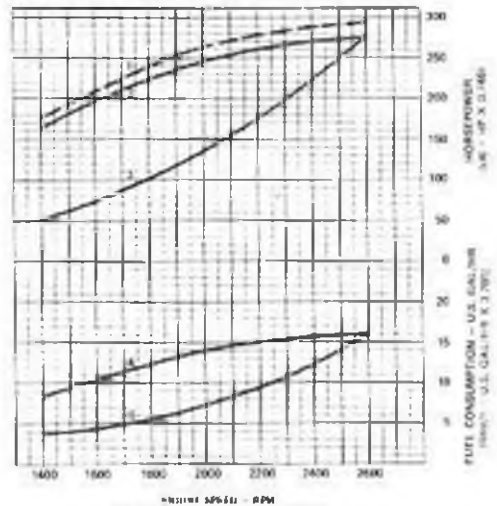
Instrument Panel: Includes starting switches and gauges for water temperature, oil pressure, marine gear oil pressure; electric voltmeter, hourmeter, or tachometer, not mounted.

Available Equipment continued on back page.

Maximum



Light Duty



Curves shown above represent engine performance capabilities obtained and corrected in accordance with SAE J1349 conditions of 29.62 in. Hg (100 kPa) barometric pressure (300 ft. (90 m) altitude), 77° F (25° C) inlet air temperature, and 0.30 in. Hg (1 kPa) water vapor pressure with No. 2 diesel fuel.

The fuel consumption curves are based on No. 2 diesel fuel weight at 7.1 lbs./U.S. gal. (0.85 kg/litre).

1. Brake Horsepower. (BHP)
2. Shaft Horsepower. (SHP)
3. Hypothetical Propeller Power Curve (2.7 exponent for Light Duty and 3.0 for Continuous Duty).
4. Fuel Consumption for Net Shaft Horsepower.

5. Fuel Consumption for Hypothetical Propeller.

MAXIMUM RATING — This rating is intended for use in variable load applications where full throttle operation does not exceed ¼ of the operating time in any given period of operation followed by operation at or below Cruise RPM. As a general rule, these applications operate up to 400 hours per year.

LIGHT DUTY RATING — This rating is intended for use in variable load applications where full throttle operation does not exceed ½ of the operating time in any given period of operation followed by operation at or below the Continuous Duty Rating RPM. As a general rule, these applications operate from 400 to 2000 hours per year.

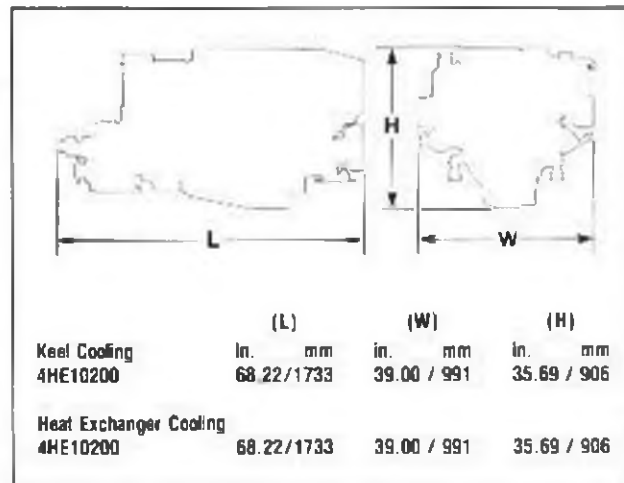
Available Equipment Continued

Marine Agency Certification: Available from American Bureau of Shipping, Bureau Veritas, Det Norske Veritas, Canadian Coast Guard Ship Safety Branch, and Registro Italiano Navale, for continuous duty rating; Registro Italiano Navale for maximum rating.

Marine Gears: Twin Disc MG506, MG507, MG509, and MG510A; Capitol 4HE-10200 and HY-22000. Various ratios.

Oil Drain Accessories: Suction type sump pump, not mounted.

Starters: 12, 24, and 32 volt mounted under bank of vee or above marine gear.



Cummins has always been a pioneer in product improvement. These specifications may change without notice. Illustrations may include optional equipment.

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