

VT-555-M

BIG CAM
MARINE DIESEL

	High Output Rating	Intermittent Rating
Rated Power	320 BHP 239 kW @ 3000 RPM	270 BHP 201 kW @ 2800 RPM
Shaft Power	310 SHP 231 kW @ 3000 RPM	262 SHP 195 kW @ 2800 RPM
Fuel Consumption U.S. Gal./Hr. (Litre/Hr.)	17.0 (64.3) @ 3000 RPM 14.0 (53.0) @ 2800 RPM 11.5 (43.5) @ 2600 RPM 9.3 (35.2) @ 2400 RPM C-4037	14.0 (52.8) @ 2800 RPM

RATING CONDITIONS: Ratings are based upon ISO 3046 (SAE J1228) conditions of 100 kPa (29.612 in. hg.), 27°C. (81°F.), and 60% relative humidity.

Shaft Power represents the net power available after typical reverse/reduction gear losses and is 97 percent of rated power.

Fuel consumption is based upon No. 2 diesel fuel with a fuel weight of 7.1 lbs. (3.2 kg.) per U.S. gal. and the power requirements of a typical fixed pitch propeller. (Marine continuous rating propeller curve calculated at a 3.0 exponent, other rating propeller curves calculated at a 2.7 exponent.)

HIGH OUTPUT RATING: This power rating is intended for use in variable load applications where full power is limited to two hours out of every six hours of operation. Reduced power operation must be at or below cruise RPM. This rating is an ISO 3046 Fuel Stop Power Rating, and is for applications that operate less than 500 hours per year.

INTERMITTENT POWER RATING: This power rating is intended for continuous use in variable load applications where full power is limited to six hours out of every twelve hours of operation. Reduced power operations must be at or below the marine continuous power rating RPM. This rating is an ISO 3046 Fuel Stop Power Rating, and is for applications that operate less than 3000 hours per year.

AVAILABLE EQUIPMENT (Continued)

Marine Agency Certification: Available from Registro Italiano Navale at Maximum rating; Lloyd's Register of Shipping and Registro Italiano Navale at Light Duty rating; Lloyd's Register of Shipping at Continuous rating.

Oil Dipstick: Port or starboard side.

Oil Drain Accessories: Suction type sump pump mounted or not mounted. Oil drain hose mounted.

Starter: 12 and 24 volt with high or low mount arrangement.

	(L)		(W)		(H)	
	in.	mm	in.	mm	in.	mm
Keel Cooling MG-506	61.50	1562	37.06	941	34.77	883
Heat Exchanger Cooling MG-506	63.20	1605	36.06	916	34.77	883



Cummins Engine Company, Inc.
Columbus, IN 47202
U.S.A.

Bulletin 3380418 Printed in U.S.A. Rev. 5/86