



CUMMINS ENGINE COMPANY, INC
Columbus, Indiana 47201

Marine Performance Curve

Basic Engine Model:
6BT5.9-M

Engine Configuration:
D402013MX02

CPL Code:
1289

Curve Number:
M-9036

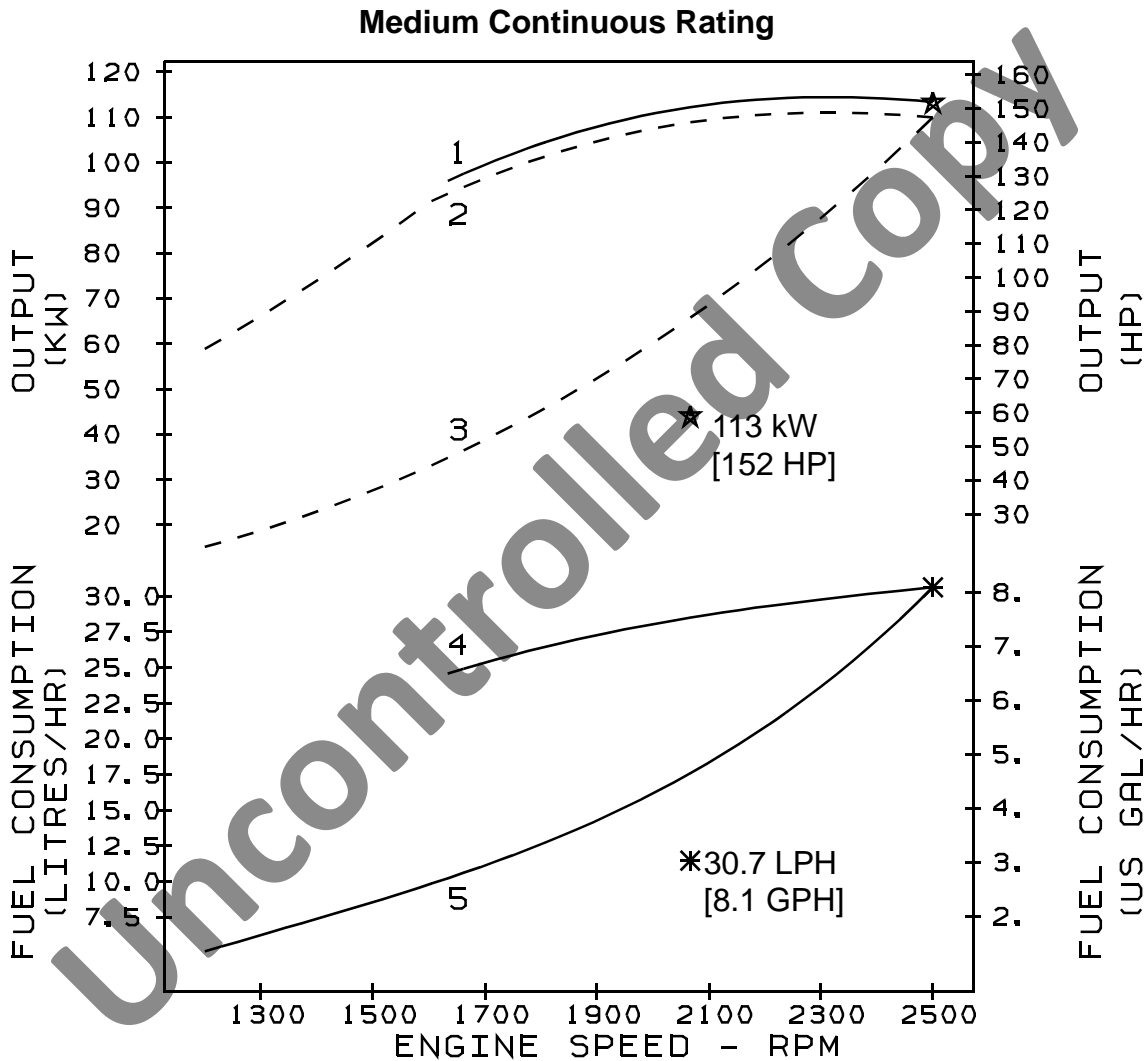
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Marine
Pg. No.
B
27

Displacement: **5.9 litre [359 in.³]**
Bore: **102 mm [4.02 in.]**
Stroke: **119 mm [4.72]**
Fuel System: **Rotary, Bosch- VE**
Cylinders: **6**

Aspiration: **Turbocharged**

Advertised Power **113 kW [152] @ 2500**
kW [HP] @ RPM



Rating Conditions: Ratings are based upon ISO 8665 reference conditions; air pressure of 100 kPa [29.612 in. Hg] air temperature 25°C [77°F] and 30% relative humidity. Power is rated in accordance with IMCI procedures.

Fuel consumption is based on fuel of 35° API gravity at 16°C (60°F) having LHV of 42,780 kJ/kg (18,390 Btu/lb) and weighing 838.9 g/liter (7.001 lb/U.S. gal).

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

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| 1. Brake power kW / (HP) | 4. Fuel Consumption for Brake and Shaft power. |
| 2. Shaft power kW / (HP) with Reverse / Reduction Gear | 5. Fuel Consumption for Typical Propeller. |
| 3. Typical Propeller Power Curve (2.7 exponent) | |

Medium Continuous Rating: This power rating is intended for continuous use in variable load applications where full power is limited to six (6) hours out of every twelve (12) hours of operation. Also, reduced power operations must be at or below 200 RPM of the maximum rated RPM. This is an ISO 3046 Fuel Stop Power Rating and is for applications that operate 3,000 hours per year or less.

D.R. Bond
CHIEF ENGINEER