



Worldwide Recreational Marine

ENGINE SPECIFICATIONS

Configuration	In-line 6-cylinder, 4-stroke diesel
Bore & Stroke	114 mm x 135 mm (4.49 in x 5.32 in)
Displacement	8.3 L (504.5 in ³)
Rotation	Counterclockwise facing flywheel
Weight	855 kg (1,885 lb) SW 712 kg (1,570 lb) JW



POWER RATINGS

High Output*		
Crankshaft Power ¹	321 kW	450 hp
Crankshaft Power ²	321 kW	430 bhp
Rated Speed	2600 rpm	2600 rpm

¹ Technical data according to ISO 3046 fuel stop power. Fuel 25°C (77°F)

² Technical data according to ISO 8665 fuel stop power. Fuel 40°C (104°F)

* IMO emissions compliant. Certification available from the US Environmental Protection Agency and Lloyd's Register of Shipping.

FUEL CONSUMPTION (PROP CURVE)

Rating	High Output*								
RPM	2600	2500	2400	2300	2100	1700	1500	1100	700
L/hr	88	88	66.2	65.8	50.8	30.2	22.7	10.9	4.3
g/hr	23.2	23.2	17.5	17.4	13.4	8.0	6.0	2.9	1.1

Fuel consumption is based on fuel of 35 ° API gravity at 16 °C (60 °F) 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 lb/US gal). Cummins has always been a pioneer in product improvement. Thus specifications may change without notice.

ENGINE DIMENSIONS

Length		Width		Height	
mm	in	mm	in	mm	in
1161	45.7	908.8	35.78	921	37.4

Rating Definitions

Ratings are based on ISO 8665 conditions of 100kPa (29.612 in Hg) and 25°C (77°F) and 30% relative humidity. Propeller shaft power represents the net power available after typical gear losses and is 97% of rated power. Power rated in accordance with IMCI procedures.

High Output

This power rating is intended for use in variable load applications where full power is limited to one hour out of every eight hours of operation. This rating is for pleasure/non-revenue generating applications that operate less than 300 hours per year.



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