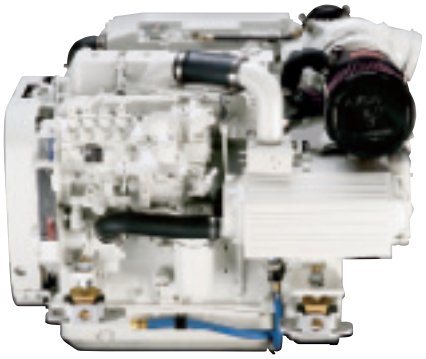
4B-250

Cummins MerCruiser Diesel

Worldwide Recreational Marine

Engine Specifications

Configuration	In-line 4-cylinder, 4-stroke diesel
Bore & Stroke	102 mm x 120 mm (4.02 in x 4.72 in)
Displacement	3.9 L (239 in^3)
Rotation	Counterclockwise facing flywheel
Weight	454 kg (1,001 lb)



Engine Pictured may not be exact specification.

Power Ratings

	High Output*	
Crankshaft Power[1]	184 kW	250 hp
Crankshaft Power[2]	179 kW	240 bhp
Rated Speed	3000 rpm	3000 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 emissons compliant. Certification available from the US Environmental Protection Agency and Lloyd's Register of Shipping.

Fuel Consumption (Prop Curve)

Rating	High Output						
RPM	3000	2800	2600	2200	2000	1800	1600
L/hr	49.3	40.1	31.9	20.2	15.7	12.0	9.2
g/hr	13.0	10.6	8.4	5.3	4.1	3.2	2.4

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
773.6	30.46	829.0	32.64	773.4	30.45

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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