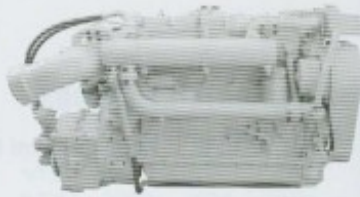


# 6BTA5.9-M

## Main Propulsion



### General Specifications

<b>Configuration</b>	In-line 6 cylinder, 4 stroke	
<b>Aspiration</b>	Turbocharged/Aftercooled	
<b>Displacement</b>	5.9 liters	359.0 in <sup>3</sup>
<b>Bore &amp; Stroke</b>	102x120 mm	4.02x4.72 in
<b>Compression Ratio</b>	15.3:1-15.5:1	
<b>Rotation</b>	Counterclockwise facing flywheel	

### Engine Features and Available Options

- Keel Cooled or Heat Exchanger configurations
- Standard capacity (14 L [3.6 g]) or high capacity (31L [8.1 g]) oil pan
- SAE 3 Flywheel Housing
- 292 mm (11.5 in) clutch adaptation
- Jacket Water or Sea Water aftercooled
- Marine Classification Society Approval\*
- Emissions certification available from the U.S. EPA and Lloyd's Register of Shipping.

\* Check with your local Cummins professional for a complete listing of current approvals for this engine.

### Commercial Ratings

(JW) Jacket Water Aftercooled  
(SW) Sea Water Aftercooled

kW	BHP	RPM	Fuel Cons		Rating
			L/hr	g/hr	
168	225	2500	44.3	11.7	MCD (JW)
194	260	2600	53.7	14.2	INT (JW)
<i>209</i>	<i>280</i>	<i>2600</i>	<i>54.1</i>	<i>14.3</i>	<i>MCD (SW)</i>
<i>235</i>	<i>315</i>	<i>2800</i>	<i>62.8</i>	<i>16.6</i>	<i>INT (SW)</i>

### Recreational Ratings

kW	HP*	RPM	Fuel Cons		Rating
			L/hr	g/hr	
194	270	2600	54.5	14.4	HO (JW)
<i>235</i>	<i>330</i>	<i>2800</i>	<i>63.7</i>	<i>16.8</i>	<i>HO (SW)</i>
<i>265</i>	<i>370</i>	<i>3000</i>	<i>72.9</i>	<i>19.3</i>	<i>HO (SW)</i>

\* Metric Horsepower

*Italicized ratings are IMO emissions compliant.*

### General Engine Dimensions

*Dimensions may vary based on selected engine configuration.*

	JW		SW	
	mm	(in)	mm	(in)
<b>Length</b>	1033	(41)	1003	(40)
<b>Width</b>	774	(30)	827	(32)
<b>Height</b>	827	(32)	774	(30)
<b>Weight</b>	470	(1035)	581	(1280)