

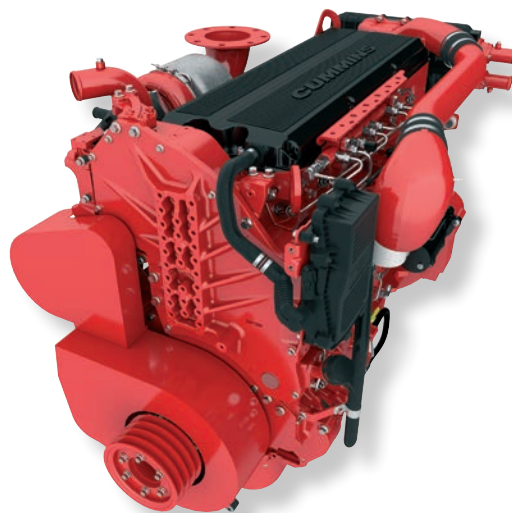


# X15

## Marine Propulsion and Auxiliary Engines for Commercial and Recreational Applications

### General Specifications

<b>Configuration</b>	In-line, 6-cylinder, 4-stroke diesel
<b>Aspiration</b>	Turbocharged / Aftercooled
<b>Displacement</b>	14.9 L (912 in <sup>3</sup> )
<b>Bore &amp; Stroke</b>	137 X 169 mm (5.39 X 6.65 in)
<b>Rotation</b>	Counterclockwise facing flywheel
<b>Fuel System</b>	Cummins XPI Fuel System



### Product Dimensions and Weight

<b>Overall Length</b>	mm (in)	1711.6	(67.4)
<b>Length of Block</b>	mm (in)	1052.0	(41.40)
<b>Overall Width</b>	mm (in)	1067.2	(42.01)
<b>Overall Height</b>	mm (in)	1234.4	(48.6)
<b>Weight</b>	kg (lb)	1724.0	(3800.7)

Dimensions and weight may vary based on selected engine configuration.

### Power Ratings

Engine Model	Output Power			Engine Speed RPM	Rating Definition	Fuel Consumption		Emissions		
	kW	MHP	BHP			Rated Speed L/hr (gal/hr)	ISO* L/hr (gal/hr)	IMO	EPA	EU
<b>Variable Speed</b>										
X15	336	456	450	1800	CON	90.9 (24.0)	61.3 (16.2)	II	3	3a
X15	336	456	450	1800	CON	82.3 (21.7)	57.6 (15.2)	II	-	-
X15	373	507	500	1800	CON	97.8 (25.8)	67.2 (17.8)	II	3	3a
X15	373	507	500	1800	CON	90.7 (24.0)	63.1 (16.7)	II	-	-
X15	429	583	575	1800	CON	109.1 (28.8)	78.1 (20.6)	II	3	3a
X15	447	608	600	1800	CON	108.9 (28.8)	75.3 (19.9)	II	-	-
<b>Fixed Speed</b>										
X15	373	507	500	1500 (50Hz)	Prime	88.4 (23.3)	45.2 (11.9)	II	-	3a
X15	373	507	500	1500 (50Hz)	Prime	92.8 (24.5)	50.1 (13.2)	II	-	3a
X15	373	507	500	1800 (60Hz)	Prime	96.0 (25.4)	48.1 (12.7)	II	3	-
X15	425	578	570	1800 (60Hz)	Prime	103.9 (27.4)	52.7 (13.9)	II	-	-

\* Average fuel consumption based on ISO 8178 E3 Standard Test Cycle (variable speed models) and ISO 8178 D2 Standard Test Cycle (fixed speed models)

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## Marine Propulsion and Auxiliary Engines for Commercial and Recreational Applications

### Features and Benefits

**Engine Design** – Robust engine block designed for continuous duty operation and long life. Single cylinder head with four valves per cylinder enhances performance. Base engine design has been in the market for over 15 years.

**Fuel System** – Cummins XPI Fuel System, High Pressure Common Rail

**Lubrication System** – Cast aluminum oil pan designed to resist corrosion, spin-on Fleetguard oil filters

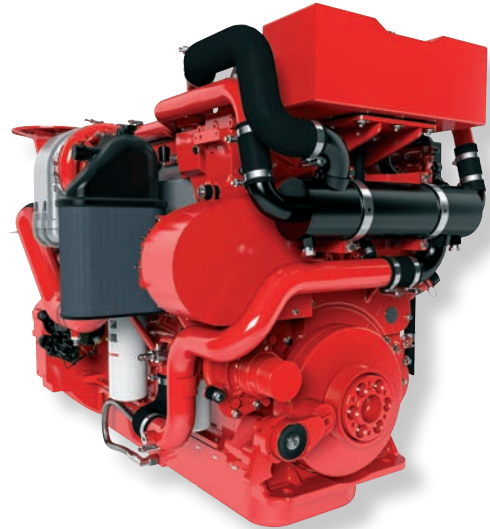
**Cooling System** – Front mount and low profile Heat exchanger or Keel cool with one loop system and high flow pump

**Air Intake System** – Cummins Turbo Technologies HX60 turbocharger optimized for marine applications

**Exhaust System** – Dry exhaust manifold to deliver improved fuel economy

**Electrical System** – 24v system with marine grade wiring harness and instrument panels

**Electronics** – Cummins Engine Control Module CM2350 provides engine protection through de-rates and automated engine shutdown to prevent catastrophic failures. CM2350 also provides fuel sensor monitoring, gear pressure and temperature as well as digital engine start/stop functionality. Available 24V system and standard marine grade wiring harness.



**Certifications** – Complies with U.S. EPA Tier 3, EU Stage 3a and IMO Tier II emissions regulations

### Optional Equipment

- C Command Connect available or open architecture
- Flywheel housing: SAE 0 and SAE 1
- Vessel System Integration: ED-4 displays—rudder position, fuel level, ONAN Gen Set information
- Hydraulic Pump Drive: SAE B flanges
- Front PTO available