

## BF250

The all-new BF250 outboard engine takes Honda into the next power range. The flagship BF250 combines a new 3.6L V6 EFI engine with the world's first direct air induction system in an outboard – designed to reduce intake air temperature and increase air volume to the engine – to deliver outstanding overall performance and best-in-class fuel economy.

## INTRODUCTION

### 3.6L 60° VTEC ENGINE

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A powerful, compact 24 valve SOHC design, without the bulk and weight of long intake runners and multi-camshafts. The narrow V6 design offers top performance and durability as well as great fuel economy.

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### VTEC

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Honda's Variable Valve Timing & Lift Electronic Control (VTEC®) system provides power on demand. VTEC gives you a broader, flatter torque curve and smooth power delivery throughout the engine's operating range. The result is a superior combination of power, torque and fuel economy.

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### BLAST

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Boosted Low Speed Torque improves acceleration at low speeds. A quick movement of the throttle control activates the BLAST® system, advancing the ignition timing aggressively. "Hole Shot" is vastly improved as more horsepower gets the hull up on plane quicker.

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## **ECOMO**

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Next generation Lean Burn Control increases fuel efficiency by allowing the engine to operate on a leaner air/fuel mixture. The result is improved fuel economy.

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## **ENGINE COOLING SYSTEM**

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Industry-first separate dual air circuits. The first is used to cool the engine where air is drawn into the front of the engine and circulated around critical engine components. A top mounted cooling fan draws cooling air over the alternator. The second intake circuit draws in cool air from the upper intake vents, separates out moisture, and then inducts it into the throttle body. This system provides cooler, denser air for better combustion as compared to conventional under-cowl induction systems.

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## **HIGH PERFORMANCE GEAR CASE**

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An all new high performance gear case designed to withstand extreme conditions. This combined with a new gear ratio (2.00:1) and extensive range of propellers provides high levels of previously unseen all-round performance.

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## **HIGH OUTPUT CHARGING**

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The BF250's charging system features a 90 amp "On Demand" belt-driven alternator with a continuous 60 amp charge rating. This superior design reduces heat buildup and provides outstanding battery charging across the RPM range.

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## **AMP+ FOR ADDITIONAL CHARGING AT IDLE**

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At idle, when the engine senses a need for additional power, AMP+ automatically increases the rpm to produce an additional 9 amps. This feature helps prevent the draining of critical battery power when using multiple accessories necessary for modern day boating, putting your mind at ease while out on the water.

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## **SHIFT LOAD REDUCTION**

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The technologically-advanced Electronic Control Unit (ECU) in the Honda BF250 can predict the operator's shifting operation based on changes in engine speed and throttle position. In order to reduce the shifting load, the ECU controls the engine ignition timing to modify torque when the operator shifts from partial to neutral.

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## NMEA2000

Honda's new generation ECU incorporates NMEA2000 capabilities. This allows the all new BF250 to be instantly connected to any existing or new NMEA2000 network, allowing up to date fuel usage, engine data and diagnostic codes to be viewed on a range of devices.

## SPECS

### ENGINE

<b>TYPE</b>	Four-Stroke 60 V6
<b>DISPLACEMENT</b>	3583cc
<b>BORE &amp; STROKE</b>	89mm x 96mm
<b>FULL THROTTLE RPM RANGE</b>	5300-6300rpm
<b>RATED POWER</b>	250hp @ 5800rpm
<b>COOLING SYSTEM</b>	Water cooled (Thermostatically controlled)
<b>INDUCTION</b>	Programmed fuel injection
<b>IGNITION SYSTEM</b>	Micro-computer programmed
<b>STARTING SYSTEM</b>	Electric
<b>EXHAUST</b>	Through prop
<b>ALTERNATOR</b>	90-Amp
<b>POWER TRIM &amp; TILT</b>	Standard

<b>TRIM RANGE</b>	-4 to +16
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<b>TILT RANGE</b>	68
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## **SAFETY FEATURES**

<b>EMERGENCY STOP SWITCH</b>	Standard
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<b>OIL PRESSURE ALERT</b>	Standard
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<b>TEMPERATURE ALERT</b>	Standard
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<b>REV-LIMITER</b>	Standard
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<b>SPEEDOMETER PICKUP</b>	Standard
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## **DRIVE**

<b>GEAR RATIO</b>	2.0:1
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<b>GEAR SHIFT</b>	F-N-R
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<b>PROPELLER</b>	Optional
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## **DIMENSIONS**

<b>OVERALL LENGTH</b>	920mm
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<b>OVERALL WIDTH</b>	625mm
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<b>OVERALL HEIGHT (L-TYPE)</b>	1,760mm
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<b>OVERALL HEIGHT (X-TYPE)</b>	1,887mm
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<b>OVERALL HEIGHT (XXL-TYPE)</b>	2,014mm
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<b>TRANSOM HEIGHT (L-TYPE)</b>	508mm
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<b>TRANSOM HEIGHT (X-TYPE)</b>	635mm
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<b>TRANSOM HEIGHT (XXL-TYPE)</b>	762mm
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<b>DRY WEIGHTS (L-TYPE)</b>	284kg
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<b>DRY WEIGHTS (X-TYPE)</b>	288kg
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## VISIT HONDA MARINE WEBSITE

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