



BF250

250 HP



Engine Type

4-Stroke, SOHC, 60° V6, 24 Valve

Displacement

3583cc (219 cubic ins.)

Bore & Stroke

89 X 96 mm

Full Throttle RPM Range

5300 - 6300 RPM

Rated Power

250 HP @ 5800 RPM

Cooling System

Water Cooled

Fuel Delivery

Programmed Fuel Injection

Ignition System

MicroComputer Programmed

Starting System

Electric

Exhaust

Through Hub

Lubrication

Wet Sump

Trim Range

-4° to +16°

Tilt Range

72°

Drive

Gear Ratio	2.00:1 (24/12)
Gear Shift	F-N-R
Alternator (Electric Start)	90-Amp (1118 watt)
Battery Charging Power	60 Amps (756 watts)
Propeller	Optional
Power Tilt	NA
Power Trim & Tilt	Standard
Gas Assisted Tilt	NA
Oil Pressure Alert	Standard
Temperature Alert	Standard
Rev-Limiter	Standard
Speedometer Pickup	Standard
Dimensions	
Overall Width	625 mm/24.6 inches
Transom Height	
L Type	508mm/20 in.
X Type	635mm/25 in.
XX Type	762mm/30 in.
Dry Weight	
L-Type	272 kg - 600 lbs.
X-Type	278 kg - 613 lbs
XX-Type	282 kg - 622 lbs.

Redefining best in class.

With a unique blend of automotive and marine engine technologies, Honda's flagship, award winning BF250 is a showcase of engineering and technical excellence. With new technology like a unique air induction system, AMP+, a variable idle charging system, and a new gear case, you're looking at a first-class outboard like no other.

Of course, the BF250 also includes tried and true exclusive Honda technology. Like the BLAST system for a vastly improved hole shot, VTEC technology for more power where and when you want it, and Lean Burn Control for optimal fuel economy. These technologies deliver on Honda's promise of unparalleled performance, power and fuel efficiency.

Combine all this with Honda Marine's True 5 Non-Declining Warranty, Honda's legendary quality and reliability, and our award winning dealer network, and you've got the right power plant for your boat.



Instant Acceleration: BLAST® System

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



Smooth acceleration and power: VTEC® Technology

Honda's Variable Valve Timing & Lift Electronic Control (VTEC®) system provides power where and when you need it. 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. VTEC is the modern replacement for displacement.



Superior fuel efficiency - Lean Burn Control®

Lean Burn Control® increases fuel efficiency by allowing combustion to operate

on a leaner air/fuel mixture. At cruising speed, this engine runs on up to 30% less fuel* than others in its class.

*Based on EPA Specific Fuel Consumption Mode.



AMP+ for additional charging at idle

The BF250 has an industry-first feature, AMP+. At idle, when the engine senses a need for additional amperage, AMP+ automatically increases the rpm's by 100 to produce an additional 9 amps. This feature helps prevent the draining of critical battery power when using multiple accessories, a concern when you're fishing miles offshore.



Cooler air, more horsepower - Separate Dual Air Circuits

The BF250 has another 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 directs cool air from the upper intake vents, separates out moisture, and then inducts it into the throttle body. This system provides for cooler, denser air for better combustion as compared to conventional under-cowl induction systems.



On-board connectivity - NMEA 2000

NMEA 2000 protocols allow engine data to be interfaced with on-board systems and systems displays, such as SONAR or GPS.



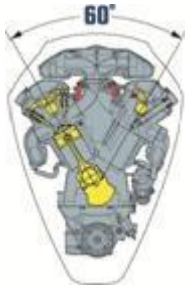
Defy the Elements with 4-Front Corrosion Protection System

A patented, "Double Sealed" multi-layered paint process. Sacrificial anodes and stainless steel technology, along with waterproof connectors, all enhance corrosion protection.



World Famous Quality

The BF250 shares many components with the Honda Ridgeline, Odyssey, Honda Pilot, Accord, and Acura RL, gaining years of proven Honda engineering, precision manufacturing and reliability.



Large Displacement V6 - Top performance and durability

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.



Large Air Intake Silencer Reduces Noise

The design of the variable air intake system on the Honda BF250 also includes a large air intake silencer that reduces noise. The silencing effect results from a chamber being added to the intake passage, causing sound waves to interfere with one another - effectively quieting noise.

Tuned Dual Exhaust - increased efficiency

Some competitor's exhaust tracks goes through the middle of the oil pan, pre-heating the oil. Honda's dual exhaust headers wrap around the outside of the oil pan. This reduces heat build-up, and increases engine efficiency and performance.

PGM-FI FUEL INJECTION

Multi-port Programmed Fuel Injection (PGM-FI) - Powerful performance

Programmed Fuel Injection delivers the precise amount of fuel/air to each cylinder. The result is easy starts and instant throttle response with superior fuel efficiency.



Extreme Duty Gearcase - better durability

The BF250 features an all new high performance gear case designed to withstand the extreme duty cycles of law enforcement and military patrol boats. This combined with a new gear reduction ratio (2.00:1) and large range of propellers (up to 16 inch diameter) provides high levels of all around performance.



True 5 Warranty - unmatched peace of mind

Honda's True 5 Warranty is the best in the business. This transferable, non-declining warranty is the same on the last day as it is on the first.



High Output Charging - More usable power

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



Advanced ECU predicts the user's operation

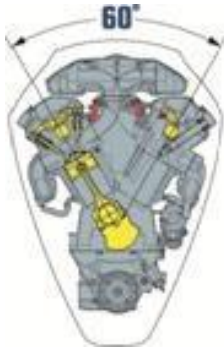
The technologically-advanced Electronic Control Unit (ECU) in the Honda BF250 can predict the operator's shifting operation based on changes in engine speed and throttle position. In order to reduce the shifting load, the ECU actually controls the ignition timing to modify torque when the operator shifts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



Engine Alert System - Protects your engine

The ECM monitors vital engine functions and prevents engine damage by alerting the operator of:

- Overheating •
- Water in Fuel •
- Low Oil PSI •
- Battery •
- Over-Rev •
- Critical Engine Function •



Slim 60° profile for dual engine applications

No need for expensive transom modifications! The BF250's slim 60° profile allows for mounting of dual engines on an industry standard 26" center-to-center distance. Makes repowers easier!



Saltwater protection

Honda has painted the interior cooling passages on the BF250. This process prolongs the engine's life in the harsh saltwater environment.



2-Pass Cooling System - better cooling for better durability

The unique cooling system maintains an even temperature on all cylinders. The incoming water passes through each aluminum exhaust manifold, then through the cylinder heads and back around the exhaust manifolds before entering the exhaust. This results in increased cooling efficiency and long-term durability!



Positive Lubrication - better durability

A crankshaft-driven, automotive-style trochoid oil pump ensures long-term durability of critical engine components.



Convenient Single Latch Cowl

A single front-mounted latch combines with 4 securing points to ensure a water-tight seal.

Sealed Starter - Protection for long life

The starter motor is inverted into a sealed chamber that protects the starter drive from the elements.



Fresh Water Flushport

Flushes debris and saltwater out of the engine, extending the life of the outboard.



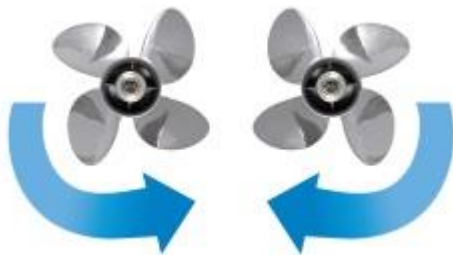
Stainless Steel components (Steering Arm, Tilt Tube and all Shafts) - corrosion resistance

Stainless steel components provide durability with long-term corrosion resistance.



Oxygen (O2) and Knock Sensors - Optimum Efficiency

Oxygen (O2) and knock sensors help determine the correct fuel flow and ignition curve to maximize performance and fuel efficiency.



Counter Rotation Available

Improves efficiency, hull maneuverability and decreases driver fatigue.



Ultra Low 3 Star CARB Emissions

Environmentally conscious technology. All Honda Marine engines exceed the highest CARB 3-Star rating to meet the rigorous California Air Resource Board's standards.



Spark plug maintenance cover - easy access

Assists in ease-of-maintenance of the spark plug. This window provides access to the spark plugs without removing the entire engine cover.



Built-In Pitot Tube

Built-in pitot tube in the gear case eliminates the need to drill holes in your boat for speedometer installation.



Reliable, Efficient 4-Stroke Design

World-renowned Honda quality combines proven reliability and superior fuel efficiency, with no oil mixing.



Available in 20, 25, and 30 inch shaft models