



BF175

Based on the proven technology of Honda's automotive engines, the BF175 incorporates exclusive marine technologies.

INTRODUCTION

WORLD FAMOUS QUALITY

By sharing many components with the Honda Odyssey and Honda Pilot, the BF175 gains years of proven Honda engineering, precision manufacturing and reliability.

The BF175 features a Large Displacement Engine with a powerful, compact 24-valve SOHC design. Lacking the bulk and weight of long intake runners and multi-camshafts, the narrow V6 design offers top performance and durability, based on Honda's automotive engineering excellence.

The High Performance Gearcase is designed to get you going faster, all the while reducing hull porpoising and minimising spray, thus increasing acceleration and top speed.

GREATNESS COMES IN 2'S

The BF175 features Dual Stage Induction. The result is a simple, compact design that improves overall operation.

The competition's exhaust track 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, which not only reduces heat build-up, but also increases engine efficiency and performance.

And the BF175 features a unique 2-Pass Cooling System, which maintains an even temperature on all cylinders. This results in increased cooling efficiency and long-term durability.

MULTI-PORT PROGRAMMED FUEL INJECTION

The BF175 delivers the precise amount of fuel/air to each cylinder. The result is easy starts and instant throttle response with superior fuel efficiency.

Along with Honda's Programmed Fuel Injection, the BF175 incorporates Lean Burn Control technology, which allows combustion to operate on a leaner air/fuel ratio than stoichiometric air/fuel.

An O2 sensor, together with the ECM, precisely controls the air/fuel mixture for the best fuel economy at cruise setting. The mode in which lean burn control is used during cruising to achieve higher fuel economy is referred to as ECOmo (Economy Controlled Motor).

A FEW OTHER FEATURES

The Single Latch Cowl has four securing points to ensure a water-tight seal, along with a convenient front-mounted single latch.

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

And with Honda's Engine Alert System, the BF175's ECM monitors vital engine functions and prevents engine damage by alerting the operator of overheating, low oil PSI, over-rev, water in fuel, battery condition, and critical engine functions.

ENGINE COMMAND SYSTEM

The ECM receives constant input from 18 different sensors to deliver instant starts, smooth operation, strong performance and excellent fuel efficiency.

BLAST

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.

DUAL STAGE APPLICATIONS

Easy for re-powers. 26" centre-to-centres. Many competitors have to mount on 28" centre. Ensures maximum performance and manoeuvrability.

60AMP BATTERY CHARGING POWER

Honda introduces a proven 'on demand' 90amp belt-driven alternator that reduces heat build-up and provides superior battery charging capability.

POSITIVE LUBRICATION

A crankshaft-driven, automotive-style trichoid oil pump ensures the longterm durability of critical engine components.

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.

FRESH WATER FLUSHPORT

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

STAINLESS STEEL

Steering Arm, Tilt Tube and all Shaft. Durability with long-term corrosion resistance!

BUILT-IN PILOT TUBE

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

NMEA2000 COMPATIBLE

The BF175 can communicate with onboard electronics to deliver a widerange of information to head-unit displays. When networked with a Lowrance HDS unit, for example, engine data such as speed, revs, temperature, fuel usage and other data can be displayed on the unit's screen.

SPECS

ENGINE

TYPE 4-stroke SOHC 60 V6 / 24-valves

DISPLACEMENT 3,471cc

BORE & STROKE 89 x 93 mm

FULL THROTTLE RPM RANGE 5000-6000 RPM

RATED POWER 175HP @ 5,500 RPM

COOLING SYSTEM	Water cooled (Thermostatically controlled)
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INDUCTION	Programmed fuel injection
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IGNITION SYSTEM	Micro-computer programmed
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STARTING SYSTEM	Electric
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EXHAUST	Through Prop
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ALTERNATOR	60-Amp
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POWER TRIM & TILT	72
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TRIM RANGE	-4 to +16
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TILT RANGE	72
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SAFETY FEATURES

EMERGENCY STOP SWITCH	Standard
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OIL PRESSURE ALERT	Standard
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TEMPERATURE ALERT	Standard
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REV-LIMITER	Standard
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SPEEDOMETER PICKUP	Standard
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DRIVE

GEAR RATIO	1.87:1
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GEAR SHIFT	F-N-R
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PROPELLER	Optional
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DIMENSIONS

OVERALL LENGTH	920mm
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OVERALL WIDTH	625mm
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OVERALL HEIGHT (L-TYPE)	n/a
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OVERALL HEIGHT (X-TYPE)	1,800mm
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OVERALL HEIGHT (XXL-TYPE)	n/a
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TRANSOM HEIGHT (L-TYPE)	n/a
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TRANSOM HEIGHT (X-TYPE)	635
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TRANSOM HEIGHT (XXL-TYPE)	n/a
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DRY WEIGHTS (L-TYPE)	n/a
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DRY WEIGHTS (X-TYPE)	272
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VISIT HONDA MARINE WEBSITE

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