

SPECIFICATION AND FEATURE BENEFITS



BF130HP



ENGINE

Type	4-stroke OHC 4 Cylinders
Displacement	2254 cc (137 cubic inches)
Bore and Stroke	86 x 97 mm (3.38 x 3.81 inches)
Full Throttle RPM Range	5000-6000 RPM
HP Rating @ Propshaft	130 HP @ 5500 RPM
Induction Scavenging	SOHC
Valves per Cylinder	4
Fuel Delivery	Programmed Fuel Injection
Ignition System	Microcomputer Programmed
Starting System	Electric
Lubrication	Wet Sump
Cooling System	Water Cooled
Alternator	40 Amps (504 Watts)
Trim Range	-4° to +16°
Tilt Range	72°

DRIVE

Gear Ratio	2.00:1 (28/14)
Gear Shift	F-N-R
Propeller	Optional

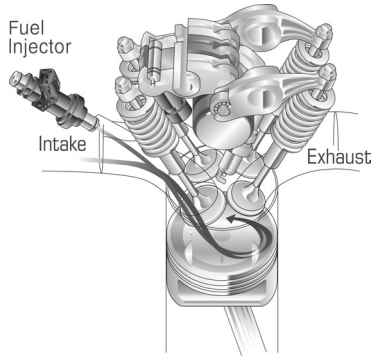
DIMENSIONS

Recommended Transom Height	(L): 508 mm/20 inches (X): 635 mm/25 inches
Dry Weight	(L) 225 kg - 496 Lbs. (X) 229 kg - 505 Lbs.

World Famous Quality

By sharing many components with the Honda Accord automobile, the BF115 and BF130 gain years of proven Honda engineering and reliability.

Programmed Electronic Fuel Injection



4 Fuel Injectors and a Common High Flow Throttle Body deliver the precise amount of fuel/air to each cylinder.

Benefit

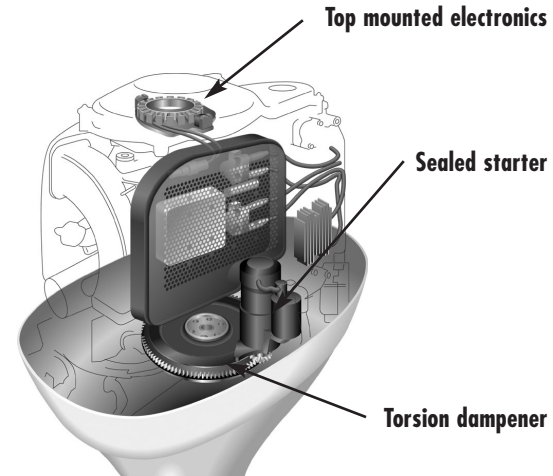
The result is easy starts, instant throttle response with superior fuel efficiency.

Torsion Dampener

Sometimes called a flywheel, it is located near the base of the powerhead. This design lowers the center of gravity for improved handling and hull maneuverability.

Benefit

Improves handling and hull maneuverability.



Top Mounted Electronics

Alternators, ignition and other critical electrical components mounted near the top of the powerhead to stay cool and dry.

Benefit

Dependability.

**Large Displacement Engine**

At 137 cubic inches, the 115/130HP have the largest displacement those horsepower categories. The long stroke design increases the torque output and offers the best in overall performance and efficiency.

High Output Charging

Belt driven to reduce heat and improve reliability. The proven system delivers 20 amps at idle, 30 amps at 1000 RPM and over 2000 RPM at a generous 40 amps to ensure the batteries remain charged.

**Balanced Engine**

The 115/130 has twin counter-rotating balancers which cancel out internal engine vibrations...provides smooth operation throughout the entire RPM range.

Engine Alert System

With Honda's Engine Alert System the ECM monitors vital engine function and prevents engine damage by alerting the operator of overheating, low oil PSI, over-revving, battery condition, and critical engine functions.

Positive Lubrication

A crankshaft driven automotive style trochoid oil pump ensure critical engine component long-term durability.

**Sealed Starter**

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

**Non-linear Mounting System**

Patented non-linear rubber mounts provide smoother operation at all engine speeds.

Engine Command System

Engine Command Module receives constant input from sensors located throughout the engine. Then determines the correct fuel flow and ignition curve, providing optimum performance.

Forced Air Ventilation

Unique air intake on the top of the cowl. Allow cooler air to enter and allowing the warmer air to escape. The ventilation system reduces under the hood operating temperature, improving performance and long-term durability of the electrical 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.

Easy Maintenance

Easy "screw type" valve adjuster system requires no shims and reduces maintenance costs. Front mounted oil filter and oil filler makes for easy maintenance.

Counter Rotation

Improves efficiency, hull maneuverability and decreases driver fatigue.

Built-in Pitot Tube

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

Ultra Low 3 Star Carb Emissions

Cleanest technology available.