

# Compare! Honda's on top.

## HONDA ADVANTAGE

### Over YAMAHA/MERCURY 115

SOHC (Simple) vs. DOHC (Complex)  
 29% More Displacement: (137ci vs. 106.2ci)  
 38% More Charging Power: 40 vs. 25 amps  
 Low Mounted Flywheel vs. Top Mounted  
 Engine Alert System vs. Engine Warning

### Over SUZUKI 115

16% More Displacement: (137ci vs. 118.9ci)  
 SOHC (Simple) vs. DOHC (Complex)  
 Self-adjusting Belt vs. Chain Drive

### Over EVINRUDE E-TEC

24% More Displacement: (137ci vs. 105ci)  
 4-Stroke Advantage vs. 2-Stroke Technology

### Over MERCURY OPTIMAX

32% More Displacement: (137ci vs. 93ci)  
 True 40 amp Alternator vs. 40 amp  
 4-Stroke Advantage vs. 2-Stroke Technology

115HP	HONDA	Yamaha	Mercury	Suzuki	Evinrude DFI	Optimax
ENGINE TYPE	4 cyl	4 cyl	4 cyl	4 cyl	4 cyl	3 cyl
DISPLACEMENT	137ci (2254cc)	106.2ci (1741cc)	106.2ci (1741cc)	118.9ci (1950cc)	105ci (1726cc)	93ci (1526cc)
BORE x STROKE	86 x 97	79 x 89	79 x 89	84 x 88	91 x 66	92 x 76
ALTERNATOR	40 amps	25 amps	25 amps	40 amps	60 amps (35)	60 amps (40)
INDUCTION	SOHC	DOHC	DOHC	DOHC	DI	2-Stage DI
GEAR RATIO	2.00:1	2.15:1	2.07:1	2.59:1	2.00:1	2.33:1
DRY WEIGHT	496 lbs	405 lbs	386 lbs	425 lbs	370 lbs	375 lbs

( Actual amp / weight )

**TOP** **SPEC** *POWERED by*  
**A D V A N T A G E HONDA**

*Honda's 115 hp engine is perfect for pontoons and other heavier mid-size boats. With the largest displacement in its horsepower category, and the long-stroke design, you can expect plenty of torque. And like all Hondas, long term durability and quiet operation are built right in.*



# 115 hp Specifications

## ENGINE

TYPE	4-Stroke OHC 4 Cylinders
DISPLACEMENT	2254cc (137 cubic ins.)
BORE & STROKE	86 x 97 mm (3.38 x 3.81 ins.)
FULL THROTTLE RPM RANGE	5000-6000RPM
HP RATING AT PROPSHAFT	115HP @ 5500RPM
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 ins.
	(X) 635 mm/25 ins.
DRY WEIGHT	(L) 225 kg – 496 lbs.
	(X) 229 kg – 505 lbs.



# Features For Better Boating

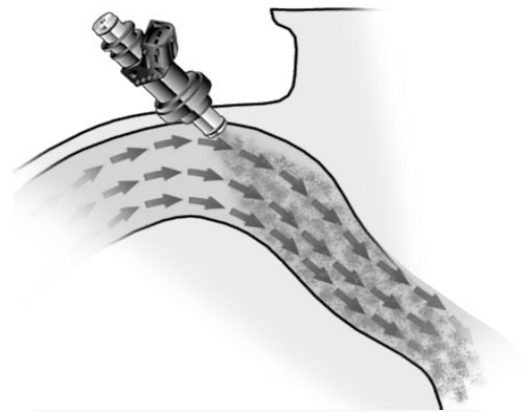
Honda's 115 hp engines are designed with features to optimize performance, save fuel and burn clean.

The new 115hp Power Thrust Model is ideal for pontoons and hulls that require extra torque to push heavy loads.

Honda engines have a reputation for delivering many years of smooth, quiet, dependable service.

## World Famous Quality

By sharing many components with the Honda Accord automobile, the BF115 gains from 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. The result is easy starts, instant throttle response with superior fuel efficiency.

## Largest Displacement Engine

At 137 cubic inches, the 115HP has the largest displacement in its horsepower category. The long-stroke design increases torque output and offers the best in overall performance and efficiency.

### **Top Mounted Electronics**

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

### **Sealed Starter**

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

### **Torsion Dampener**

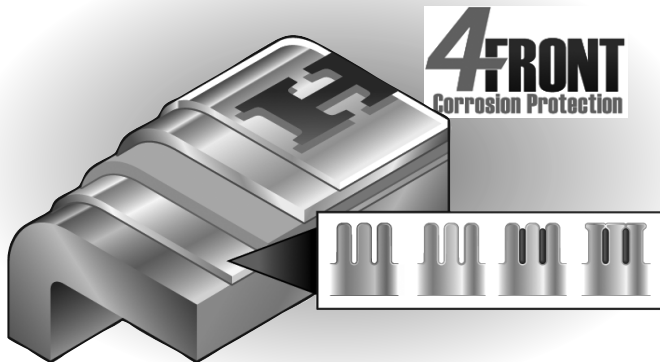
Sometimes called a flywheel, it is located near the base of the powerhead. This design lowers the center of gravity for improved handling and hull maneuverability.

### **Positive Lubrication**

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

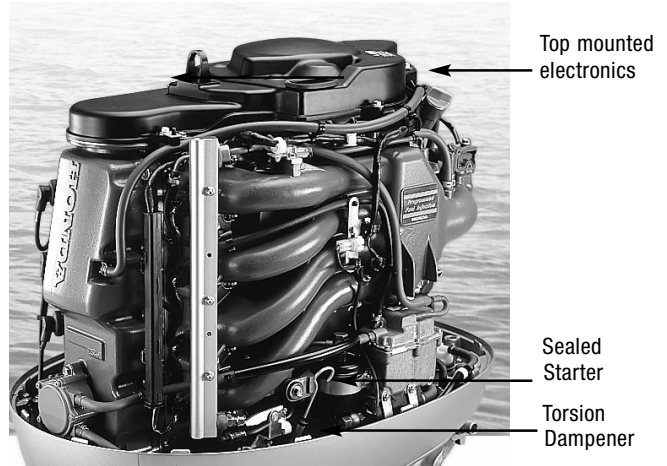
### **High Output Charging**

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



### **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.



### **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-rev, battery condition, and critical engine functions.

### **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 make for easy maintenance.

### **Built-In Pitot Tube**

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

### **Engine Command System**

Engine Command Module receives constant input from 18 sensors located throughout the engine, then determines the correct fuel flow and ignition curve, providing optimum performance.