

TOP
SPEC
A D V A N T A G E

HONDA
MARINE

**Honda Marine is introducing its most powerful
outboard to date, the all-new
Honda BF350 V8**



It's a landmark achievement, because, while Honda has engineered and built high-performance racing engines for decades, the **BF350** is the first commercially available Honda **V8 engine** whether on land or water.

The Honda BF350 offers extraordinary power and enhanced performance for exceptional boating experiences.

It also delivers impressive **fuel economy**, outstanding and **quiet performance**, and a range of features and functions found only on Honda outboards. The Honda BF350 does it all in a sleek, striking new design that's as practical and functional as it is elegant and eye-catching.



BF350 SPECIFICATIONS

ENGINE

Engine Type	4-Stroke SOHC 60° V8 32 Valves
Displacement	4952 cc/302 cubic in.
Bore x Stroke	89 x 99.5 mm/3.5 x 3.9 in.
Compression Ratio	10:1
Full Throttle RPM Range	5000 - 6000 RPM
Rated Power	350 HP@ 5500 RPM
Cooling System	Water Cooled
Fuel Delivery	Programmed Fuel Injection
Induction	Naturally Aspirated
Ignition System	MicroComputer Programmed
Total Amps	93 Amps
Battery Charging Amps	70 Amps
Exhaust	Through Hub
Lubrication	Wet Sump
Trim Range	-4° to +15°
Tilt Range	68°
Octane	86
Idling Engine Speed Range	650 + 50 RPM
Trolling Mode Range	650 -1000 RPM
Color Options	Aquamarine Silver, Grand Prix White
Gear Ratio	1.79:1
Gear Shift	Forward - Neutral - Reverse
Overall Width	650 mm/25.6 in.

DRIVE SYSTEM

Recommended Transom Ht.

X-Type	635/25 635 mm/25 in.
U-Type	762/30 762 mm/30 in.

Dry Weight

X-Type	347 kg/765 lbs
U-Type	352 kg/776 lbs

Propeller Optional

Shifting iST® (Digital Drive-by-Wire)

Joystick Control Optional with Dometic® Optimus 360

Multi-Engine Capability Twin, Triple or Quad

Power Trim & Tilt Standard

Trim Support Standard

Automatic Tilt Standard

Cruise Control Range 650 - 6000 RPM in 50 RPM Increments or GPS Speed

Oil Pressure Alert Standard

Temperature Alert Standard

Rev-Limiter Standard

EQUIPMENT

Years of Non-Declining Warranty 5 Recreational, 3 Government, 2 Commercial

SPECIAL FEATURES

VTEC

Adapted from Honda automotive platforms, VTEC® (**Variable Valve Timing & Lift Electronic Control**) delivers a broader, flatter torque curve and smooth power across all RPM for peak power, torque, and fuel efficiency at any speed.

Advanced Controls

Pairs with an ergonomically designed, easy-to-operate controller, including intuitive digital controls with **neutral lock** on the the single binnacle, including trim support (*operates automatically according to engine speed or boat speed*), **automatic tilt** (*easy tilt-up/down operation when mooring with two button presses*), and **cruise control** (*allows boaters to maintain their preferred cruising speed or RPM*). **Superior maneuverability and control** ensure stress-free docking, easy operation, and outstanding ability to position and stop large boats.



HD-5 Display Exclusive Features



- ✓ Activate Trim Support
- ✓ Customize and select Trim Support maps
- ✓ Customize RPM or speed-based Trim Support
- ✓ Set Automatic Tilt limits
- ✓ Monitor Cruise Control settings
- ✓ Enhanced engine fault notifications

BLAST™

BOOSTED LOW SPEED TORQUE

BLAST™ (*Boosted Low Speed Torque*) aggressively advances the ignition curve, delivering more horsepower to get the hull up quicker, for **vastly improved holeshots**.

iST® Intelligent Shift & Throttle

Controlled by Honda's exclusive iST® (*Intelligent Shift and Throttle*) **drive-by-wire system**, for a simple, easy to understand interface, effortless control, plus plug-and-play installation of Honda Marine products and 3rd-party controls and devices.

Optional Joystick

Dometic's® Optimus 360 joystick's intuitive functionality allows effortless and accurate maneuvering with minimal shifting and throttling. Includes **SeaStation** and **SeaWays** virtual anchor and autopilot integration.

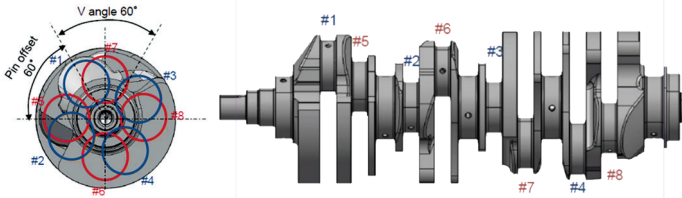


Cover Handles

The cover features convenient handles on the top and both sides for easy cover removal and installation. The striker guides help to easily align the cover into position during re-installation of the cover.



SPECIAL FEATURES



Precision Crankshaft

Fully balanced, **60°** offset crankshaft eliminates the need for counter balancing; seamlessly integrates with **60°** engine design and nonlinear engine mount to provide exceptional performance with *minimal vibration*. Every BF350 crankshaft is built using the same crankshaft alloy as Acura's famed **NSX high-performance supercar** and tested to the same strength specifications.



High charging performance with large power generation capacity of **93 Amps total** and **70 Amps charging** with **AMP+®** for additional charging amps at idle, exceeding the needs of typical on-board electronic devices.

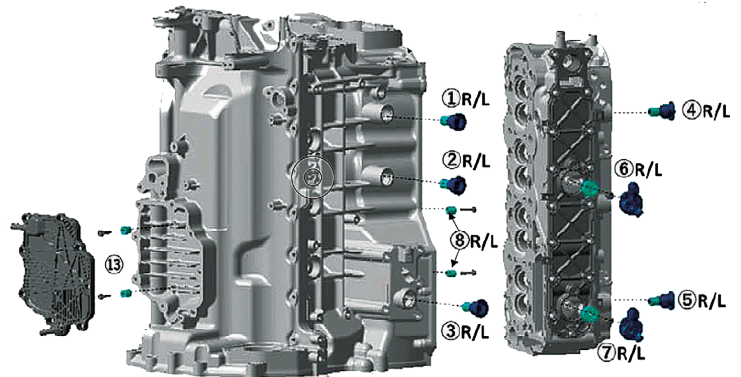
(Total amps - Engine's Consumption = Charging Amps)

Open Systems

NMEA 2000 protocols allow engine data to be interfaced with on-board systems and systems displays, such as SONAR and GPS *without the need for a gateway device*.



Easy maintenance access with *extended maintenance periods* for many routine items.



Corrosion Resistance

Materials and finishes provide hardy corrosion resistance, with easy-access internal anode replacement, freshwater flush, and painted cooling passages for *improved durability in salt water*.

LEANburnCONTROL™

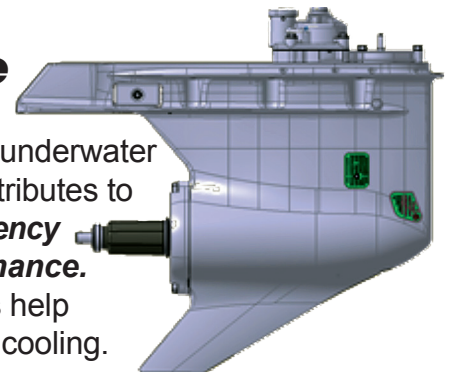
OPTIMAL FUEL EFFICIENCY

Automatically adjusts the air/fuel mixture according to speed and load while maximizing power throughout the acceleration range.

New Shape

Newly shaped gear case reduces underwater resistance and contributes to improved *fuel efficiency* and power *performance*.

Low water pick-ups help ensure high-speed cooling.



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