

**HONDA**  
**MARINE**



2023 CATALOG

# Where Boating Is Going

Boating is moving in exciting new directions, and Honda Marine is leading the way. Long known as a manufacturer of reliable, top-quality outboard motors, Honda continues to introduce innovative components and technologies from the automotive arena to the boating world.

You can enjoy the benefits of this approach in a wide array of products, systems, and features. From the get-up-and-go of our powerful outboards to the superb command and control of our Intelligent Shift and Throttle® system, Honda is bringing the future of boating to life—so you can make the most of your life on the water.



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# Born To Perform

Honda is the world's largest engine manufacturer. For decades, Honda engines have proven themselves on suburban streets, busy superhighways, and the world's most challenging racetracks. Applying our automotive experience and expertise to Honda Marine engines gives us the power to create outboards that combine quiet, efficient operation with powerful

performance and legendary Honda reliability. But outboards are just the beginning. We spend every day working to transform the boating experience by harnessing new and innovative ideas and technologies to make it more comfortable, environmentally friendly, and convenient than ever before—all to help you connect with boating in ways you never dreamed possible.

2 / All boaters shown are wearing personal flotation devices.



# Visionary Leadership

The BF90 wins "Design and Engineering Award" from a popular science and technology publication.

The BF90 prototype wins the IMTEC Innovation Award.

The BF45 wins the IMTEC Innovation Award.

We won our second consecutive NMMA CSI award and ranked highest in customer satisfaction with four-stroke outboards in a tie by a leading consumer publication.

Honda ranked highest in customer satisfaction for four-stroke outboards according to a leading consumer publication.

Honda introduced the redesigned best-in-class BF40 and BF50.

Honda introduced the best-in-class BF115 and won our seventh consecutive NMMA CSI award.

Honda introduced the BF5 portable outboard.

Honda Marine unveiled the all-new BF140 with VTEC™ and redesigned BF115 and BF150 models, all with optional iST™ (DBW) for plug-and-play installation of Honda Marine and third-party joystick devices.

50th Anniversary 1964-2014

Honda Marine celebrated its 50th Anniversary of four-stroke outboard leadership.

The Honda Marine Jet Drive outboard series received Boating Industry Top Products of 2018 Award.

1964 1967 1985 1990 1994 1995 2001 2002 2004 2005 2006 2007 2008 2009 2010 2011 2014 2015 2016 2018 2019 2021

Honda unveiled the first full line of four-stroke outboards.

The first Honda outboard was introduced in the U.S.

Honda presented the first four-stroke outboard.

Hundreds of BF225s were put into service for the U.S. Coast Guard's Homeland Security Initiative.

Honda introduced the world's first 225 HP four-stroke engine and VTEC™ Technology was introduced in a marine engine for the first time.

Our BF150 and BF135 were introduced. We also received the NMMA's CSI Award.

We introduced the best-in-class BF60, won our sixth consecutive NMMA CSI award, and a top customer satisfaction award from a leading consumer publication.

Honda introduced the best-in-class BF250 with an industry first, dual intake circuits and AMP+, an idle charging system. The BF250 won the 2011 IBEX Innovation Award and Honda won an eighth consecutive NMMA CSI award.

Honda Marine won a twelfth consecutive NMMA CSI award. Honda also introduced the BF100, a mid-range packed with technology inspired by the Honda Fit automobile.

Honda introduced the V6 3.6 liter BF250, BF225, and BF200 iST™ (DBW) series outboards, featuring superb control and plug-and-play installation of Honda Marine and third-party joystick devices. We also won a sixteenth consecutive NMMA CSI award.



**LARGE ENGINE SERIES**  
BF250, BF225, BF200, BF150, BF140, BF115



# The iST® Experience from Honda: Smart System, Masterful Control

## Available On BF115-BF250 Models

Honda's Intelligent Shift and Throttle® (iST®) command and control system delivers superb control. Honda iST® also offers plug-and-play installation of BF115-BF250 Honda Marine products and third-party devices and controls, such as the Optimus 360 Joystick. This gives individual boaters the ability to seamlessly integrate additional components, creating the ultimate in custom-tailored command.

## Put Control Where You Want It

Honda iST® includes binnacle and sidemount drive-by-wire throttle controls. Sidemount installations control a single engine, while the binnacle-mount design accommodates up to four engines and two control stations. Every configuration delivers effortless shift and throttle control, with fine tuning of throttle settings at any speed, enhanced docking, and slow-speed control and return-to-port capability. All in one simple, easy-to-understand user interface.

## Multiple Engines, Singular Control

iST® shines in multi-engine installations. It features one-switch trim control on the throttle handle, simultaneously trimming all engines. It also provides individual trim switches for fine tuning each engine's trim

position. Engine-speed synchronization offers single-handle control of all engines while synchronized.

**iST®**



## Control, Convenience, And Security

You'll love the convenience of Push Button Starting and improved docking control. And you'll appreciate the security features of Honda iST®. These include double-line H-CAN and NMEA 2000® design redundancy to guard against drive-by-wire electronics failure, a tilt-limit switch, and an optional theft-detering key-fob immobilizer. NMEA 2000® Certification assures proper implementation of network management and messaging, along with secure open-architecture compatibility. Give your boat the magic touch, with iST® command and control, only from Honda!



Optimus 360 Joystick (left & below)  
SeaStation GPS Anchoring (top right)  
"On-Demand" Steering Pump (right)  
SeaStation GPS Anchoring (far right)



## The Optimus 360 System Puts The Joy Of Boating In Your Hand

Fully compatible with Honda iST® technology, the Optimus 360 by Dometic® joystick system adds a new dimension of control to your Honda-powered watercraft. The joystick's highly intuitive functionality allows you to automatically precision maneuver your boat with minimal shifting, throttling, and engine movement. Progressive throttling makes the joystick a natural extension of your hand, while exquisite low-speed control makes entering or leaving a dock a breeze. Even beginning boaters can quickly achieve impressive results.

The Optimus 360 system includes Optimus Electronic Power Steering (EPS), which makes steering easier while underway and further enhances steering in tight situations. Teamed with the SeaStation by Dometic® GPS anchoring system, the Optimus 360 control will hold your boat in position and heading via GPS, no physical anchor required. The Optimus 360 can also be combined with the innovative SeaWays by Dometic auto pilot. Ask your dealer for details on adding Optimus 360 to your Honda power package.

**The Optimus 360 Joystick is compatible with Honda Marine twin engine applications equipped with iST®**  
**Optimus EPS is compatible with Honda Marine single-quad applications equipped with iST®**



**For information on Optimus EPS and Optimus 360 including manuals, data sheets, and dealer locator, visit [dometic.com](http://dometic.com).**



## BF250/BF225/BF200

### Our Very Best To You

Our acclaimed BF250, BF225, and BF200 flagship models deliver awesome V6 power with easy maintenance and tough corrosion resistance. Combining innovative features with famous Honda reliability, these superb top-of-the-line outboards take legendary Honda performance into new waters.

### Aerodynamic Design, Real World Benefits

The BF250, BF225, and BF200 feature the sleek styling of our Progressive V Form design. The aerodynamic exterior increases engine cover durability, improves safeguards that help prevent water

from entering the engine, and helps protect against paint chipping and scraping.

The three-latch lock and seal system and two inverted grip points make the cover easy to remove and carry, simplifying maintenance access. The cowling incorporates a dual channel, indirect-air-circuit induction system that improves airflow, enhancing performance while helping funnel moisture away from the throttle body. The streamlined, simplified undercase includes a heavy protective rubber edge that further protects against the elements, boosting durability. All models are available in Aquamarine Silver and Grand Prix White for 25" and 30" transom heights.



BF250-BF200 models are available in Aquamarine Silver and Grand Prix White.

Features Include: BLAST™ • VTEC® TECHNOLOGY™ • iST™ • LEAN BURN CONTROL • NMEA 2000® • AMP+® • ADJUSTABLE TILT LIMIT SWITCH • PGM-FI (PROGRAMMED FUEL INJECTION) DUAL AIR CIRCUITS • COUNTER ROTATION • HIGH OUTPUT ALTERNATOR • 4-FRONT CORROSION PROTECTION™ • FRESHWATER FLUSH PORT • ENGINE ALERT SYSTEM • NARROW 60° DESIGN • 86 OCTANE

\*BF250 & BF225 Models. †Engine models designated iST® only. For a complete explanation of features, please refer to the technology section on pages 40-43. For warranty details, visit [marine.honda.com](http://marine.honda.com).

### 3.6 Liter V6 Power, Plus Simplified Maintenance

All three models sport the 3.6 liter version of our powerhouse V6 engine. The larger capacity V6 boosts torque in the BF200 and BF225 by 6% over their previous incarnations. We've also updated this classic engine with a number of enhancements.

Common maintenance items now offer more convenient access. Improvements such as a larger diameter dipstick tube, integration of a water separator and fuel strainer, and the relocation of the high-pressure filter (from the high-pressure pump) for easier access reduce maintenance time for routine tasks like oil and filter changes. And easier maintenance means more time on the water.

### Tough Corrosion Resistance

Our use of a high-corrosion-resistant aluminum alloy for components, including the oil pan, thermostat cover, upper mount cover, water pump housing, timing belt tensioner base, water jacket cover, and prop shaft holder, creates a durable engine and gear case. Bolts and brackets are treated with an HI-M coating that delivers improved surface finishing and superior corrosion resistance. And all BF200-BF250 models are equipped with four anodes on each engine block, for longer anode life and improved corrosion protection.

### The Technologies Honda Owners Love

BF200-BF250 models are packed with the innovative technological advances Honda outboard owners love, many of which are inspired by Honda's renowned automotive engines.

All three models feature BLAST<sup>™</sup> for maximum holeshot performance, and Lean Burn Control for remarkable fuel efficiency. All are equipped with a best-in-class, automotive-style 90-amp alternator and our AMP+<sup>™</sup> electronic control, which automatically increases amperage as needed at idle. Multi-Port Programmed Fuel Injection (PGM-FI) consistently delivers the ideal fuel/air mix to the cylinders, for impressive starts, response, performance, and efficiency. BF225 and BF250 models include VTEC<sup>®</sup> for explosive mid-range torque. All three models are NMEA 2000<sup>®</sup> Certified, allowing the use of third-party marine electronics without the expense of an additional gateway interface.

### Choose The Rigging That's Right For You

The BF250, BF225, and BF200 outboard motors all offer multiple rigging options for a customized on-the-water experience. You can choose from mechanical control options or Honda's Intelligent Shift and Throttle (iST<sup>™</sup>). iST<sup>™</sup> includes intuitive

**iST**<sup>™</sup>

user interfaces and an easy-to-read multi-function color display. See pages 8-9 for more details on the iST<sup>™</sup> experience. Top-binnacle or sidemount control options are available for both mechanical and iST<sup>™</sup> controls.



### Mechanical Rigging

Boaters who prefer traditional controls will take a purist's pleasure in Honda's smooth-operating mechanical command and control system. Its reliable design delivers the responsiveness and feel traditionalists demand. Our mechanical control supports up to two engines and a single-helm location as well as a sidemount configuration.







## BF150/BF140/BF115

### We've Got The Power

Whether you're chasing horizons, sportfishing, or pontooning, take the joy of boating to the next level with a high power Honda Marine outboard. Our BF150, BF140, and BF115 models deliver dynamic performance with features and benefits that make them the leaders in their popular horsepower categories.

### Three From The Road

This trio of high performance engines makes the most of proven technology from Honda's renowned automotive platforms. Both the BF140 and BF150 models feature Honda's famed VTEC<sup>®</sup> Technology. VTEC<sup>®</sup> delivers power where and when it's needed, thanks to a broader, flatter torque curve and smooth power delivery throughout the engine's operating range. These two

models are also equipped with Dual Stage Induction, which maximizes air intake for combustion.

### Performance Boosting Features

Our BF115, BF140, and BF150 engines feature Honda's 16-valve Dual Overhead Cam (DOHC) configuration for increased high-rpm power. Boosted Low Speed Torque (BLAST)<sup>1</sup> delivers explosive hole shots. Lean Burn Control enhances best-in-class fuel economy, while 3-Way Cooling ensures optimum operation and long-term durability. These models also offer an impressive 55 total amps, with 40 amps of charging power for accessories. An optional Tilt Limit Switch,<sup>2</sup> Smart Key Immobilizer,<sup>3</sup> and standard Variable Speed Trolling Switch<sup>4</sup> add peace of mind and convenience.



BF150-BF115 models are available in Aquamarine Silver and Grand Prix White.

Features Include: BLAST<sup>1</sup> • VTEC<sup>®</sup> TECHNOLOGY<sup>1</sup> • iST<sup>®</sup> • LEAN BURN CONTROL • NMEA 2000<sup>®</sup> • DUAL STAGE INDUCTION<sup>1</sup> • PGM-FI (PROGRAMMED FUEL INJECTION) • COUNTER ROTATION<sup>1</sup> HIGH OUTPUT ALTERNATOR • 3-WAY COOLING • 4-FRONT CORROSION PROTECTION<sup>2</sup> • FRESHWATER FLUSH PORT • VARIABLE TROLLING CONTROL<sup>4</sup> • ENGINE ALERT SYSTEM • COUNTERBALANCING SHAFTS

<sup>1</sup>Optional on iST<sup>®</sup> and mechanical models. <sup>2</sup>Standard on iST,<sup>3</sup> optional on mechanical models. <sup>4</sup>BF150 & BF140 models. <sup>5</sup>Engine models designated iST<sup>®</sup> only. For a complete explanation of features, please refer to the technology section on pages 40-43. For warranty details, visit [marine.honda.com](http://marine.honda.com).



### You're In Control

All three outboards are available with Honda's Intelligent Shift and Throttle® (iST®) drive-by-wire system. This easy-to-install, NMEA 2000® Certified

**iST**® system integrates with Optimus 360 by Dometic® joystick steering, for superb control during even the most difficult maneuvers. Honda iST® also integrates with a variety of other name-brand products, bringing the precision of advanced, user-friendly technology to your boating experience. See pages 8-9 for more details on the iST® experience.



**The Optimus 360 Joystick is compatible with Honda Marine twin engine applications equipped with iST®**

### Great Looks, Easy Maintenance

Available in Aquamarine Silver or Grand Prix White, the BF115, BF140, and BF150 all feature sleek, aerodynamic styling. But good looks are just the beginning. Strategically placed anodes and a durable bolt coating boost corrosion resistance. The cowl design provides easy spark plug access. Components, including the trim and tilt unit, water separator, fuel filters, and enlarged dipstick tube, are specially designed and positioned to make maintenance faster and easier.

### Get It All

These three popular outboards deliver everything boaters want in high power, high performance engines, plus something no other brand can offer: legendary Honda reliability. Make every outing a powerful experience, with a new, high power Honda Marine outboard.





**MID-RANGE ENGINE SERIES**  
BF100, BF90, BF75, BFP60, BF60, BF50, BF40, BF30, BF25





## BF100/BF90/BF75

### Raising The Bar On Mid-Range Engines

Honda raised the bar on the mid-size engine category with the versatile BF100. This best-of-class outboard delivers superior power—from initial blast to top end speed—with remarkable fuel efficiency. Like the BF90 and BF75, it's also one of the lightest 4-strokes in its class.

### Exclusive Honda Features

All three models are equipped with a host of Honda exclusives, including Programmed Fuel Injection (PGM-FI) for instant throttle response and optimized fuel consumption. All feature

### OPTIONAL MULTI-FUNCTION TILLER HANDLE

The optional multi-function tiller handle incorporates all you need: Power Trim-Tilt Switch, Reversible Shift Lever, Handle Height Adjustment, Variable Trolling Control Switch, and an Engine Alert Panel.

BLAST™ for strong acceleration, Lean Burn Control for superior fuel efficiency, and a 3-Way Cooling System for long-lasting, durable performance. BF100 and BF90 models include Honda VTEC® Technology. VTEC® nimbly delivers power as needed throughout the engine's operating range.

### Three To Go

Combining power, efficiency, durability, and value with legendary Honda reliability, these engines deliver one great performance after another. So you can enjoy your time on the water worry free.



Features Include: BLAST™ • VTEC® TECHNOLOGY (BF100 & BF90) • LEAN BURN CONTROL • PGM-FI (PROGRAMMED FUEL INJECTION) • HIGH OUTPUT ALTERNATOR  
NMEA 2000® • 3-WAY COOLING • 4-FRONT CORROSION PROTECTION™ • FRESHWATER FLUSH PORT • ENGINE ALERT SYSTEM • NON-LINEAR MOUNTING SYSTEM • OPTIONAL TILLER HANDLE

For a complete explanation of features, please refer to the technology section on pages 40-43. For warranty details, visit [marine.honda.com](http://marine.honda.com).



# BF60/BFP60

## Best In Class

The BF60 is all about being the best. The best maneuverability and highest speed in its class. The best fuel efficiency. Best high output charging. And of course, best time on the water.

## Two For The Water


Available in two versions, the BF60 and the BFP60 Power Thrust offer powerful performance and exhilarating acceleration. The BFP60 is equipped with a unique gear case and larger propeller, making it ideal for pontoons and larger hulled boats.

## OPTIONAL MULTI-FUNCTION TILLER HANDLE

The optional multi-function tiller handle incorporates all you need: Power Trim-Tilt Switch, Reversible Shift Lever, Handle Height Adjustment, Variable Trolling Control Switch, and an Engine Alert Panel.



## Only On A Honda

The BFP60 also offers  Easy Dock<sup>™</sup> Steering.

This exclusive Honda feature provides a full 50° of rudder angle to port and again to starboard, simplifying maneuvering in the marina.

Both models are equipped with BLAST<sup>™</sup>, Programmable Fuel Injection (PGM-FI), and Lean Burn Control. Adding the optional Variable Trolling Control requires only the installation of a simple switch.

Whether you go with a BF60 or a BFP60, you'll know you're boating with the very best.



Honda's Variable Trolling Control adjusts in 50 rpm increments for slow troll fishing and no wake zones.



Features Include: BLAST<sup>™</sup> • LEAN BURN CONTROL • NMEA 2000<sup>®</sup> • EASY DOCK<sup>™</sup> STEERING • PGM-FI (PROGRAMMED FUEL INJECTION) • HIGH OUTPUT ALTERNATOR • POWER THRUST DESIGN (BFP60) • 4-FRONT CORROSION PROTECTION SYSTEM<sup>™</sup> • VARIABLE TROLLING CONTROL (OPT) • RUDDER ANGLE INDICATOR & TRIM LIMIT SWITCH (OPT) • FRESHWATER FLUSH PORT • ENGINE ALERT SYSTEM • NON-LINEAR MOUNTING SYSTEM • OPTIONAL TILLER HANDLE

For a complete explanation of features, please refer to the technology section on pages 40-43. For warranty details, visit [marine.honda.com](http://marine.honda.com).



# BF50/BF40

## Lightweight, Compact Powerhouses

The BF40 and BF50 combine Honda's classic four-stroke approach with a variety of unique outboard innovations. The result? The lightest, most compact engines in their class. And because they're from Honda, these lightweight champs are loaded with features and technologies that enhance the boating experience at every turn.

## Exclusive Features, Impressive Benefits

Activated by a quick movement of the throttle, BLAST™ (Boosted Low Speed Torque) delivers vastly improved

holeshots. Programmed Electronic Fuel Injection (PGM-FI) provides easy starts, instant throttle response, and better overall fuel efficiency. PGM-FI can also be used to create variable trolling speeds with the addition of an optional switch. Lean Burn Control stretches your fuel even further by allowing a leaner air-to-fuel mixture.

These hardworking mid-sizers are perfect for pontoon boats, inflatables, flats, fishing, and bay boats. Take a closer look, and you'll find the BF40 and BF50 aren't just top of the class, they're in a class by themselves.



Features Include: BLAST™ • LEAN BURN CONTROL • NMEA 2000® • PGM-FI (PROGRAMMED FUEL INJECTION) • HIGH OUTPUT ALTERNATOR • FRESHWATER FLUSH PORT  
4-FRONT CORROSION PROTECTION™ • ENGINE ALERT SYSTEM • NON-LINEAR MOUNTING SYSTEM • GAS ASSIST TILT AVAILABLE • TILLER MODELS AVAILABLE

For a complete explanation of features, please refer to the technology section on pages 40-43. For warranty details, visit [marine.honda.com](http://marine.honda.com).



# BF30/BF25

### Powerful But Quiet

The Honda BF30 and BF25 offer plenty of punch in a smaller horsepower configuration. Both are packed with dependable power that you can feel but rarely hear. That's because these outboards are whisper quiet—so quiet that they



don't need the added weight of dampening insulation typically found on other brands.

### Big On Features

Instead of dampening, we loaded these models with features, like a Center Mount Tiller with up-front controls. A 3 to 3 Induction System that provides smooth, quiet operation. And Autostart Enrichment that automatically adjusts the air/fuel mixture for easy starting and warm-up, just like fuel injection.

### Light And Easy

The BF25 and BF30 are among of the lightest engines in their class. Each comes with a built-in pitot tube that eliminates the need to drill holes for engine installation. Either is an ideal choice for big performance in a smaller horsepower outboard.



Features Include: 3-CYLINDER DESIGN • AUTOSTART ENRICHMENT • LARGE DISPLACEMENT • NON-LINEAR MOUNTING SYSTEM • 4-FRONT CORROSION PROTECTION SYSTEM™  
POWER TRIM AND TILT • GAS ASSIST TILT AVAILABLE • TILLER MODELS AVAILABLE

For a complete explanation of features, please refer to the technology section on pages 40-43. For warranty details, visit [marine.honda.com](http://marine.honda.com).



## PORTABLE ENGINE SERIES

BF20, BF15, BF9.9, BF8, BF5, BF2.3







## BF20/BF15/BF9.9/BF8

### Portable, Lightweight, And Powerful

The Honda BF8 and BF9.9, and BF15 and BF20 are the definition of convenience. Weighing in at just 92 pounds\* and 104 pounds\* respectively, these portables are lighter than most conventional 9.9 HP outboards. But they're all Honda, loaded with features and famous for quiet, fuel-efficient performance and legendary reliability.



### Less Weight, More Features

All models feature fully regulated charging systems and harnesses. All models also feature the largest alternator in their class, ensuring plenty of power for your electronics, even when trolling. Plus Autostart Enrichment for easy starting and quick warm-up.

Select models are available with our optional Power Thrust Design for even more boost. Power Thrust Design delivers a whopping 60% more thrust in reverse and 15% more in forward.

### A Winning Combination

With easy one hand starting, Shallow Water Drive, available Power Tilt, and much more, these portables offer the ideal combination of power, portability, and dependability.



Features Include: AUTOSTART ENRICHMENT • LARGE DISPLACEMENT • REVERSE EXHAUST RELIEF • REGULATED CHARGING SYSTEM WITH BATTERY CHARGING HARNESS • SHALLOW WATER DRIVE  
4-FRONT CORROSION PROTECTION\* • POWER THRUST MODELS (BFP MODELS) • POWER TILT AVAILABLE • FORWARD MOUNT SHIFT LEVER • PROP, TANK, & FUEL LINE INCLUDED

\*S-Type Dry Weight. For a complete explanation of features, please refer to the technology section on pages 40-43. For warranty details, visit [marine.honda.com](http://marine.honda.com).



## BF5

### Big Features In A Compact Portable

The Honda BF5 is engineered to meet the needs of portable outboard users with exclusive Honda features and legendary Honda reliability. It's the smart choice for small tenders, sailboats, jon boats, and inflatables.



### Fun On The Run

Weighing only 60 pounds\*, the BF5 is truly portable. It's equipped with expanded carrying handles for easy transport and installation, plus a tiller handle that folds up or down for compact storage and transport.

### Wonderful On The Water

Once on the water, compression release ensures easy starting. Specially designed motor mounts reduce vibration transfer to the tiller for smoother rides, reduced operator fatigue, and quiet moments in the great outdoors. A large, 1.5 liter internal fuel tank and fuel-efficient operation deliver remarkable range, while an optional external fuel tank increases time on the water and extends your opportunities to explore.



Features Include: SHALLOW WATER DRIVE • FOLD UP OR DOWN TILLER HANDLE • INTEGRAL FUEL TANK • DECOMPRESSION MECHANISM • ONE-TOUCH STOP SWITCH  
FRONT MOUNT CARRYING HANDLE WITH REAR GRIP • HIGH CHARGING CAPACITY (OPT) • LOCKABLE CLAMP HANDLES • 4-FRONT CORROSION PROTECTION\*\*

\*S-Type Dry Weight. For a complete explanation of features, please refer to the technology section on pages 40-43. For warranty details, visit [marine.honda.com](http://marine.honda.com).



## BF2.3

### Reliable Power In A Small Package

The BF2.3 is one of the world's lightest four-stroke outboards. At less than 30 pounds\*, this engine's weight rivals that of many electric motors, without the battery. It's ideal for dinghies, car-toppers, and other small craft.

### You've Got The Power

The BF2.3 features 15% more power than its predecessor. It boasts excellent handling and maneuverability, even in tight areas, thanks to full 360° steering, a pivoting tiller handle, and a centrifugal clutch with a twist grip throttle. The internal fuel tank is 12% larger than its predecessor, providing about an hour of operation at wide open throttle. A front-mounted carrying handle ensures easy transport and installation.

### All In One

The BF2.3 offers an advanced design that delivers power and performance without sacrificing portability. It's everything you want in a Honda outboard to go!



Features Include: FOLD-DOWN TILLER HANDLE • INTEGRAL FUEL TANK • 15" OR 20" SHAFT LENGTHS • CENTRIFUGAL CLUTCH WITH TWIST GRIP THROTTLE  
EMERGENCY STOP SWITCH • FRONT MOUNT CARRYING HANDLE • LOCKABLE CLAMP HANDLES • 4-FRONT CORROSION PROTECTION\*

\*S-Type Dry Weight. For a complete explanation of features, please refer to the technology section on pages 40-43. For warranty details, visit [marine.honda.com](http://marine.honda.com).



# **JET DRIVE ENGINE SERIES**

*BF150J 105 Jet, BF90J 65 Jet, BF60J 40 Jet*



## BF150J 105 Jet/BF90J 65 Jet/BF60J 40 Jet

### Deep Technology For Shallow Waters

Honda Marine Jet Drive outboards are ideal for running the shallows where the fish are. Available as 105 Jet, 65 Jet, and 40 Jet models, Honda Jet Drives give owners the power to boat in places propeller-driven hulls can't go, such as rocky-bottom shallow rivers, white water rapids, even over sandbars!

Like all Honda four-stroke outboards, our Jet Drive models are loaded with features. And of course, they deliver the same dependability, fuel efficiency, quiet operation, and legendary Honda reliability you've come to expect from the leader in engine technology.



### JET DRIVE CONVERSION

Prop Shaft HP	Jet Pump Rating
150	105
90	65
60	40



Features Include: BLAST™ • VTEC® TECHNOLOGY™ • LEAN BURN CONTROL • NMEA 2000® • DUAL STAGE INDUCTION™ • 3-WAY COOLING™ • PGM-FI (PROGRAMMED FUEL INJECTION) HIGH OUTPUT ALTERNATOR • 4-FRONT CORROSION PROTECTION™ • FRESHWATER FLUSH PORT • ENGINE ALERT SYSTEM

™105 Jet & 65 Jet only. †105 Jet only. For a complete explanation of features, please refer to the technology section on pages 40-43. For warranty details, visit [marine.honda.com](http://marine.honda.com).

# Engine Technology & Innovation

Glance at their sleek, aerodynamic lines, and you'll instantly realize that Honda outboards don't look like anything else on the water. But as attractive as they are on the outside, it's what's inside that counts.

As you review these features, look for the word "Exclusive." It means you won't find that feature on any other brand.

## Instant Acceleration.

# BLAST™

BOOSTED LOW SPEED TORQUE

**BLAST™** EXCLUSIVE

A quick movement of the throttle control activates the BLAST™ system, advancing the ignition curve aggressively. "Holeshot" is vastly improved as more horsepower gets the hull up on plane quicker.

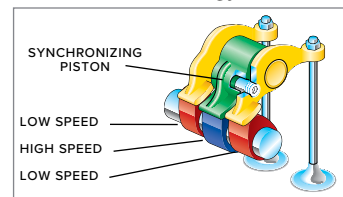
**BF250, BF225, BF200, BF150, BF140, BF115, BF100, BF90, BF75, BF60, BF50, BF40**

## Power And Fuel Efficiency — The Best of Both Worlds.

**VTEC™ Technology** EXCLUSIVE

Honda's Variable Valve Timing & Lift Electronic Control (VTEC™) system gives you a broader, flatter torque curve and smooth power delivery throughout the

engine's operating range. VTEC™ is the "replacement for displacement," providing outstanding performance without the inferior low rpm fuel efficiency of larger displacement competitors. VTEC™ provides power where and when you need it. It varies the lift and duration of the intake valves to deliver optimal performance at both low and high rpm, resulting in peak performance at all speeds. The following graphic illustrates the smart thinking behind VTEC® technology:



VTEC™ uses two cam lobe profiles to operate the intake valves. The low-lift, short duration cam lobes (shown in red) provide strong torque at low rpm. High rpm horsepower is achieved by engaging the third rocker arm on a high-lift cam (blue), resulting in a superior combination of power, torque and fuel efficiency.

**BF250, BF225, BF150, BF140, BF100, BF90**

## Cruising Efficiency That's Easy On Your Wallet.

# LEANburnCONTROL

OPTIMAL FUEL EFFICIENCY

**Lean Burn Control** EXCLUSIVE

This feature increases fuel efficiency by allowing combustion to operate on a leaner air-to-fuel mixture.

**BF250, BF225, BF200, BF150, BF140, BF115, BF100, BF90, BF75, BF60, BF50, BF40**

## See Engine Data On Your GPS or Fishfinder.

**NMEA 2000®**

NMEA 2000® is the marine industry's open-architecture electronic protocol that allows on-board data sources to interface with helm displays. Honda outboards do not require the added expense of gateway devices, required by most competitive proprietary systems, to connect to a NMEA 2000® on-board network. Lower cost and connectivity to a wide variety of brand name marine electronics is the advantage of NMEA 2000®.

**BF250, BF225, BF200, BF150, BF140, BF115, BF100, BF90, BF75, BF60, BF50, BF40**



## Save Your Battery.

**AMP+®** EXCLUSIVE

At idle, when electrical loads demand additional amperage, the electronic control module automatically increases the engine speed by 100 rpm to produce an additional 9 amps. AMP+® helps prevent battery drain caused by simultaneously running multiple accessories, a concern when you're fishing miles offshore.

**BF250, BF225, BF200**



## Cooler Air, More Horsepower.

**Dual Air Intake Circuits**

The first circuit (1) is used to cool critical engine components. A top-mounted cooling fan draws cooling air over the alternator, improving its performance. The second circuit (2) routes cool air into the throttle body. Cool air produces more horsepower.

**BF250, BF225, BF200**



# HONDA

# 250

# HONDA VTEC



## Simple, Effortless Control.

### Intelligent Shift & Throttle® EXCLUSIVE

Superb control and easy installation are hallmarks of Honda's Intelligent Shift & Throttle® (iST™) drive-by-wire system, optional on BF115-BF250 models. iST™ allows for up to four engines and two control stations, providing effortless control, fine tuning of throttle settings, enhanced docking, user-programmable system defaults and a simple, easy to understand user interface. Combine that with the security of a key fob immobilizer, electronics redundancy, NMEA 2000® Certification, push button starting, and the plug-and-play integration of third-party controls, and you've got masterful control, right at your fingertips.

**BF115 - BF250 iST™ Models**



Clockwise, starting lower left: Key Fob Immobilizer, Top Mount Single Control, Top Mount Dual Control, Dual Push Button Start

## Power And Economy Through Superior Combustion.

### Dual Stage Induction EXCLUSIVE

Honda's unique variable intake system maximizes combustion efficiency for increased torque and superb fuel efficiency. While most four-strokes use long manifolds to deliver air into the cylinder head, Honda's Dual Stage Induction uses a plenum chamber with twin butterfly valves to vary the volume and velocity of air flow. It's a simple, compact design that enhances both low speed drivability and high-speed performance.

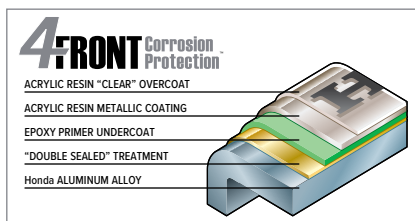
**BF150, BF140**

## Defy The Elements.

### 4-Front Corrosion Protection™ EXCLUSIVE

Your Honda can continue to look and perform like new, thanks to our protection system that includes a patented double-sealed, multi-layered paint process, sacrificial anodes, stainless steel components and waterproof connectors. **All engines.**

**Painted Cooling Passages: BF250, BF225, BF200, BF150, BF140, BF115, BF100, BF90, BF75, BF60, BF50, BF40**

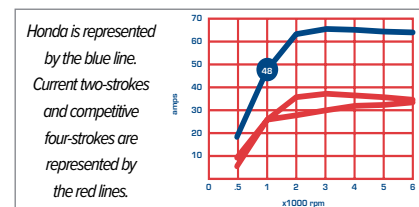


## Real Power.

### High Output Alternator EXCLUSIVE

Honda outboards use automotive-style alternators for superior output versus older stator types. Most manufacturers only advertise their "total" alternator (amp) output. Honda publishes "total" amp output *and* "charging amps". Charging amps = total amps minus the amps consumed by the ignition system. For example, the BF200, BF225, and BF250 output 90 total amps. 30 amps are consumed by the ignition, leaving 60 charging amps available to power accessories. Honda also measures amps at normal operating temperatures.

**All engines BF40 and larger.**



## Less Vibration. Smoother Ride.

### Non-Linear Mounting System EXCLUSIVE

Patented non-linear rubber mounts provide smoother operation at all speeds. **BF100, BF90, BF75, BF60, BF50, BF40, BF30, BF25**

## Optimum Efficiency.

### LAF and Knock Sensors EXCLUSIVE

Our linear air fuel and knock sensors help determine the correct fuel flow and ignition curve, enhancing overall engine operation and efficiency.

**Knock Sensors Only: BF250, BF225, BF200**

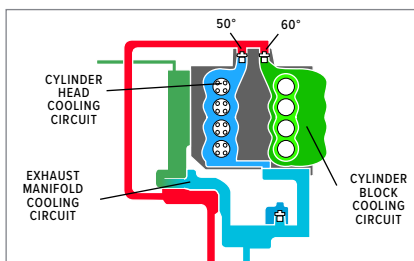
**LAF and Knock Sensors: BF150, BF140, BF115, BF100, BF90, BF75, BF60, BF50, BF40**

## More Cooling. Longer Life.

### 3-Way Cooling System EXCLUSIVE

Three separate cooling systems keep the cylinder heads running cooler for long-term durability.

**BF150, BF140, BF115, BF100, BF90, BF75**



## Easier Control.

### Center Mount Tiller Handle EXCLUSIVE

Available on select models, Honda's ergonomically designed handles help minimize driver fatigue and improve handling. Adjustments for throttle and steering friction allow for easier control. Convenient up-front shifting, fingertip-starting, PTT (power tilt & trim) switch and engine alert lamps provide added safety and convenience. Tiller handle Variable Trolling Control is available on the BF60-BF100.

**BF100, BF90, BF75, BF60, BFP60, BF50, BF40, BF30, BF25**

## Superior Maneuvering For Pontoons.

### Easy Dock™ Steering EXCLUSIVE

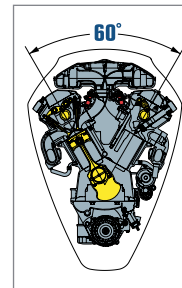
Easy Dock™ Steering helps take the anxiety out of maneuvering your pontoon into the marina. Available on the Power Thrust BFP60, Easy Dock™ Steering has a full 50° of rudder angle to port and again to starboard. **BFP60**

## Powerful Yet Compact.

### Narrow 60° Design

Thought by many to be impossible, the BF250, BF225, and BF200 feature a narrow, balanced 60° design.

Lacking the bulk and weight of long intake runners and multi-camshafts, the compact 24-valve SOHC design offers top performance and durability.



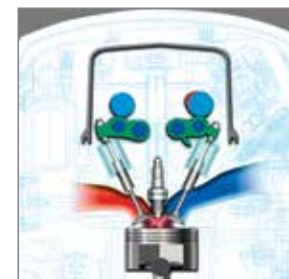
**BF250, BF225, BF200**

## Serious Power That's Still Efficient.

### Dual Overhead Cam (DOHC)

A powerful, compact 16-valve DOHC design creates more valve lift to pull in more air for increased horsepower. Low-maintenance design allows easy adjustment of the rocker arms. No multiple shims or trial-and-error adjusting needed.

**BF150, BF140, BF115**



## Short Take-Offs, Long Flights.

### Multi-Port Programmed Fuel Ignition

Honda Multi-Port Programmed Fuel Injection (PGM-FI) delivers the precise amount of air/fuel to each cylinder under all operating speeds and conditions. The result is quick starts, instant throttle response, powerful performance, and low fuel consumption. **BF250, BF225, BF200, BF150, BF140, BF115, BF100, BF90, BF75, BF60, BF50, BF40**

## Protects Your Engine.

### Engine Alert System

This feature monitors vital engine functions and prevents damage by alerting the driver of overheating, low oil pressure, and over-rev.

**All engines except the BF2.3.**

## You're In Control.

### Variable Trolling Control

This option allows you to adjust trolling speeds in 50 rpm increments simply by pressing a toggle switch.



**iST™ Models Standard, BF40 - BF250 Optional**

**Dash or Control Box Remote Switch, BF60 - BF100 Built-In Toggle Switch On Optional Multi-Function Tiller Handle**

## Quick Starts.

### Autostart Enrichment

Just like a fuel injection system, autostart enrichment automatically adjusts the air-fuel mixture for quick, easy starting and warm-up.

**BF30, BF25, BF20, BF15, BF9.9, BF8**

## More Thrust For Bigger Hulls.

### Power Thrust Design

A special Power Thrust 4-blade prop on the BFP8-BFP20 and a higher gear ratio on the BFP60 help provide these engines with extraordinary forward and reverse thrust for improved maneuverability and performance.

**BFP60, BFP15, BFP9.9, BFP8**

## Increased Maneuverability.

### Reverse Exhaust Relief

The Reverse Exhaust Relief system redirects exhaust gases when in reverse. This provides more propeller "grip" for tremendous dockside maneuvering.

**All BF8 - BF20.**



# Engine Technical Specifications

## LARGE ENGINE SERIES



	BF250	BF225	BF200	BF250 iST*	BF225 iST*	BF200 iST	
Type	4-Stroke SOHC 60° V6	4-Stroke SOHC 60° V6	4-Stroke SOHC 60° V6	4-Stroke SOHC 60° V6	4-Stroke SOHC 60° V6	4-Stroke SOHC 60° V6	
Displacement	3,583 cc (219 cu in)	3,583 cc (219 cu in)	3,583 cc (219 cu in)	3,583 cc (219 cu in)	3,583 cc (219 cu in)	3,583 cc (219 cu in)	
Bore & Stroke	89 x 96 mm (3.5 x 3.8 in.)	89 x 96 mm (3.5 x 3.8 in.)	89 x 96 mm (3.5 x 3.8 in.)	89 x 96 mm (3.5 x 3.8 in.)	89 x 96 mm (3.5 x 3.8 in.)	89 x 96 mm (3.5 x 3.8 in.)	
Full Throttle rpm Range	5,300-6,300 rpm	5,000-6,000 rpm	5,000-6,000 rpm	5,300-6,300 rpm	5,000-6,000 rpm	5,000-6,000 rpm	
Rated Power	250 HP @ 5,800 rpm	225 HP @ 5,500 rpm	200 HP @ 5,500 rpm	250 HP @ 5,800 rpm	225 HP @ 5,500 rpm	200 HP @ 5,500 rpm	
Cooling System	Water Cooled	Water Cooled	Water Cooled	Water Cooled	Water Cooled	Water Cooled	
Fuel Delivery	PGM-FI	PGM-FI	PGM-FI	PGM-FI	PGM-FI	PGM-FI	
Ignition System	Microcomputer Programmed	Microcomputer Programmed	Microcomputer Programmed	Microcomputer Programmed	Microcomputer Programmed	Microcomputer Programmed	
Starting System	Electric	Electric	Electric	Electric	Electric	Electric	
Exhaust	Through Hub	Through Hub	Through Hub	Through Hub	Through Hub	Through Hub	
Octane	86	86	86	86	86	86	
<b>Drive</b>							
Gear Ratio	2.00:1	2.00:1	2.00:1	2.00:1	2.00:1	2.00:1	
Gear Shift	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R	
<b>Equipment</b>							
Alternator w/voltage regulator	(Electric start) 90A (60A charging), AMP+ (Manual start) -	90A (60A charging), AMP+ -	90A (60A charging), AMP+ -	90A (60A charging), AMP+ -	90A (60A charging), AMP+ -	90A (60A charging), AMP+ -	
Propeller	Optional	Optional	Optional	Optional	Optional	Optional	
Diameter x Pitch	Standard Power Thrust	- -	- -	- -	- -	- -	
Power Tilt	NA	NA	NA	NA	NA	NA	
Power Trim & Tilt	Standard	Standard	Standard	Standard	Standard	Standard	
Gas-Assisted Tilt	NA	NA	NA	NA	NA	NA	
Oil Pressure Alert	Standard	Standard	Standard	Standard	Standard	Standard	
Temperature Alert	Standard	Standard	Standard	Standard	Standard	Standard	
Rev-Limiter	Standard	Standard	Standard	Standard	Standard	Standard	
Speedometer Pickup	Standard	Standard	Standard	Standard	Standard	Standard	
iST* (drive by wire)	-	-	-	Standard	Standard	Standard	
<b>Dimensions</b>							
Overall Width	660 mm/26 in.	660 mm/26 in.	660 mm/26 in.	660 mm/26 in.	660 mm/26 in.	660 mm/26 in.	
Recommended Transom Height	(S-type) - (L-type) 508 mm/20 in. (X-type)* 635 mm/25 in. (U-type)* 762 mm/30 in.	- 508 mm/20 in. 635 mm/25 in. 762 mm/30 in.	- 508 mm/20 in. 635 mm/25 in. 762 mm/30 in.	- 508 mm/20 in. 635 mm/25 in. 762 mm/30 in.	- 508 mm/20 in. 635 mm/25 in. 762 mm/30 in.	- 508 mm/20 in. 635 mm/25 in. 762 mm/30 in.	- 508 mm/20 in. 635 mm/25 in. 762 mm/30 in.
Dry Weight	(S-type) - (L-type) 275 kg/606 lbs. (X-type) 280 kg/617 lbs. (U-type) 285 kg/628 lbs.	- 275 kg/606 lbs. 280 kg/617 lbs. 285 kg/628 lbs.	- 273 kg/602 lbs. 278 kg/613 lbs. -	- 275 kg/606 lbs. 280 kg/617 lbs. 285 kg/628 lbs.	- 275 kg/606 lbs. 280 kg/617 lbs. 285 kg/628 lbs.	- 275 kg/606 lbs. 280 kg/617 lbs. 285 kg/628 lbs.	- 273 kg/602 lbs. 278 kg/613 lbs. -
CARB 2022 RATING	★★★	★★★	★★★	★★★	★★★	★★★	

\*BF250, BF225, BF200, BF150, and BF140 counter rotation models available.  
All Honda outboards are power rated with NMMA procedures. Specifications are subject to change.



	BF150	BF140	BF115	BF150 iST*	BF140 iST*	BF115 iST*
Type	4-Stroke DOHC 4 Cylinders/16 Valves	4-Stroke DOHC 4 Cylinders/16 Valves	4-Stroke SOHC 4 Cylinders/16 Valves	4-Stroke DOHC 4 Cylinders/16 Valves	4-Stroke DOHC 4 Cylinders/16 Valves	4-Stroke DOHC 4 Cylinders/16 Valves
Displacement	2,354 cc (144 cu in)	2,354 cc (144 cu in)	2,354 cc (144 cu in)	2,354 cc (144 cu in)	2,354 cc (144 cu in)	2,354 cc (144 cu in)
Bore & Stroke	87 x 99 mm (3.4 x 3.9 in.)	87 x 99 mm (3.4 x 3.9 in.)	87 x 99 mm (3.4 x 3.9 in.)	87 x 99 mm (3.4 x 3.9 in.)	87 x 99 mm (3.4 x 3.9 in.)	87 x 99 mm (3.4 x 3.9 in.)
Full Throttle rpm Range	5,000-6,000 rpm	5,000-6,000 rpm	4,500-6,000 rpm	5,000-6,000 rpm	5,000-6,000 rpm	4,500-6,000 rpm
Rated Power	150 HP @ 5,500 rpm	140 HP @ 5,500 rpm	115 HP @ 5,250 rpm	150 HP @ 5,500 rpm	140 HP @ 5,500 rpm	115 HP @ 5,250 rpm
Cooling System	Water Cooled	Water Cooled	Water Cooled	Water Cooled	Water Cooled	Water Cooled
Fuel Delivery	PGM-FI	PGM-FI	PGM-FI	PGM-FI	PGM-FI	PGM-FI
Ignition System	Microcomputer Programmed	Microcomputer Programmed	Microcomputer Programmed	Microcomputer Programmed	Microcomputer Programmed	Microcomputer Programmed
Starting System	Electric	Electric	Electric	Electric	Electric	Electric
Exhaust	Through Hub	Through Hub	Through Hub	Through Hub	Through Hub	Through Hub
Octane	86	86	86	86	86	86
<b>Drive</b>						
Gear Ratio	2.14:1	2.14:1	2.14:1	2.14:1	2.14:1	2.14:1
Gear Shift	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R
<b>Equipment</b>						
Alternator w/voltage regulator	55A (40A charging)	55A (40A charging)	55A (40A charging)	55A (40A charging)	55A (40A charging)	55A (40A charging)
Propeller	Optional	Optional	Optional	Optional	Optional	Optional
Diameter x Pitch	- -	- -	- -	- -	- -	- -
Power Tilt	NA	NA	NA	NA	NA	NA
Power Trim & Tilt	Standard	Standard	Standard	Standard	Standard	Standard
Gas-Assisted Tilt	NA	NA	NA	NA	NA	NA
Oil Pressure Alert	Standard	Standard	Standard	Standard	Standard	Standard
Temperature Alert	Standard	Standard	Standard	Standard	Standard	Standard
Rev-Limiter	Standard	Standard	Standard	Standard	Standard	Standard
Speedometer Pickup	Standard	Standard	Standard	Standard	Standard	Standard
iST* (drive by wire)	-	-	-	Standard	Standard	Standard
<b>Dimensions</b>						
Overall Width	610 mm/24 in.	610 mm/24 in.	610 mm/24 in.	610 mm/24 in.	610 mm/24 in.	610 mm/24 in.
Recommended Transom Height	508 mm/20 in. 635 mm/25 in.	508 mm/20 in. 635 mm/25 in.	508 mm/20 in. 635 mm/25 in.	508 mm/20 in. 635 mm/25 in.	508 mm/20 in. 635 mm/25 in.	508 mm/20 in. 635 mm/25 in.
Dry Weight	- 218 kg/480 lbs. 221 kg/487 lbs.	- 218 kg/480 lbs. 221 kg/487 lbs.	- 218 kg/480 lbs. 221 kg/487 lbs.	- 221 kg/487 lbs. 224 kg/493 lbs.	- 221 kg/487 lbs. 224 kg/493 lbs.	- 221 kg/487 lbs. 224 kg/493 lbs.
CARB 2022 RATING	★★★	★★★	★★★	★★★	★★★	★★★

All Honda outboards are power rated with NMMA procedures. Specifications are subject to change.



# Engine Technical Specifications

## MID-RANGE SERIES



	BF100	BF90	BF75	BF60	BFP60	BF50	BF40	BF30	BF25	
Type	4-Stroke SOHC 4 Cylinders/16 Valves	4-Stroke SOHC 4 Cylinders/16 Valves	4-Stroke SOHC 4 Cylinders/16 Valves	4-Stroke SOHC 3 Cylinders/12 Valves	4-Stroke SOHC 3 Cylinders/12 Valves	4-Stroke SOHC 3 Cylinders/6 Valves	4-Stroke SOHC 3 Cylinders/6 Valves	4-Stroke SOHC 3 Cylinders/6 Valves	4-Stroke SOHC 3 Cylinders/6 Valves	
Displacement	1,496 cc (91.4 cu in)	1,496 cc (91.4 cu in)	1,496 cc (91.4 cu in)	998 cc (61.0 cu in)	998 cc (61.0 cu in)	808 cc (49.3 cu in)	808 cc (49.4 cu in)	552 cc (33.7 cu in)	552 cc (33.7 cu in)	
Bore & Stroke	73 x 89.4 mm (3.0 x 3.5 in.)	73 x 89.4 mm (3.0 x 3.5 in.)	73 x 89.4 mm (3.0 x 3.5 in.)	73 x 79.5 mm (2.9 x 3.1 in.)	73 x 79.5 mm (2.9 x 3.1 in.)	70 x 70 mm (2.8 x 2.8 in.)	70 x 70 mm (2.8 x 2.8 in.)	61 x 63 mm (2.4 x 2.5 in.)	61 x 63 mm (2.4 x 2.5 in.)	
Full Throttle rpm Range	5,500-6,300 rpm	5,300-6,300 rpm	5,000-6,000 rpm	5,000-6,000 rpm	5,000-6,000 rpm	5,500-6,000 rpm	5,000-6,000 rpm	5,000-6,000 rpm	5,000-6,000 rpm	
Rated Power	100 HP @ 5,900 rpm	90 HP @ 5,800 rpm	75 HP @ 5,500 rpm	60 HP @ 5,500 rpm	See BFP60	50 HP @ 6,000 rpm	40 HP @ 5,500 rpm	30 HP @ 6,000 rpm	25 HP @ 5,500 rpm	
Cooling System	Water Cooled	Water Cooled	Water Cooled	Water Cooled	Water Cooled	Water Cooled	Water Cooled	Water Cooled	Water Cooled	
Fuel Delivery	PGM-FI	PGM-FI	PGM-FI	PGM-FI	PGM-FI	PGM-FI	PGM-FI	3 Carburetors	3 Carburetors	
Ignition System	Microcomputer Pgrmd.	Microcomputer Pgrmd.	Microcomputer Pgrmd.	Microcomputer Pgrmd.	Microcomputer Pgrmd.	Microcomputer Pgrmd.	Microcomputer Pgrmd.	PGM-IG	PGM-IG	
Starting System	Electric	Electric	Electric	Electric	Electric	Electric	Electric	Electric	Electric	
Exhaust	Through Hub	Through Hub	Through Hub	Through Hub	Through Hub	Through Hub	Through Hub	Through Hub	Through Hub	
Octane	91	86	86	86	86	86	86	86	86	
Drive										
Gear Ratio	2.33:1	2.33:1	2.33:1	2.07:1	2.33:1	2.08:1	2.08:1	2.08:1	2.08:1	
Gear Shift	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R	
Equipment										
Alternator w/voltage regulator	(Electric Start) 44A (35A Charging)	44A (35A Charging)	44A (35A Charging)	22A (17A Charging)	27A (22A Charging)	22A (17A Charging)	22A (17A Charging)	10A	10A	
Propeller	Optional	Optional	Optional	Optional	Optional	Optional	Optional	3-Blade Aluminum	3-Blade Aluminum	
Diameter x Pitch	Standard	-	-	-	-	-	-	9-7/8 x 12 in.	9-1/4 x 12 in.	
Power Tilt	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Power Trim & Tilt	Standard	Standard	Standard	Standard	Standard	Standard	Available	Available	Available	
Gas-Assisted Tilt	NA	NA	NA	NA	NA	NA	Available	Available	Available	
Oil Pressure Alert	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	
Temperature Alert	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	
Rev-Limiter	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	
Speedometer Pickup	Standard	Standard	Standard	Standard	Standard	Standard	Standard	-	-	
Fuel Tank & Hose	-	-	-	-	-	-	-	-	-	
Dimensions										
Overall Width	459 mm/18.1 in.	459 mm/18.1 in.	459 mm/18.1 in.	417 mm/16.4 in.	417 mm/16.4 in.	390 mm/15.4 in.	390 mm/15.4 in.	375 mm/14.8 in.	375 mm/14.8 in.	
Recommended Transom Height	(S-type) - (L-type) 508 mm/20 in. (X-type) 635 mm/25 in.	- 508 mm/20 in. 635 mm/25 in.	- 508 mm/20 in. -	- 521 mm/20 in. -	- 531 mm/20 in. 658 mm/25 in.	- 508 mm/20 in. 635 mm/25 in.	- 508 mm/20 in. -	- 508 mm/20 in. -	381 mm/15 in. 508 mm/20 in. 635 mm/25 in.	381 mm/15 in. 508 mm/20 in. -
Dry Weight	(S-type) - (L-type) 163 kg/359 lbs. (X-type) 166 kg/365 lbs.	- 163 kg/359 lbs. 166 kg/365 lbs.	- 163 kg/359 lbs. -	- 108 kg/239 lbs. -	- 116 kg/256 lbs. 122 kg/269 lbs.	- 97 kg/214 lbs. 101 kg/223 lbs.	- 97 kg/214 lbs. -	- 72.5 kg/160 lbs. -	70.5 kg/155 lbs. 72.5 kg/160 lbs. -	70.5 kg/155 lbs. 72.5 kg/160 lbs. -
CARB 2022 RATING	★★★	★★★	★★★	★★★	★★★	★★★	★★★	★★★	★★★	

All Honda outboards are power rated with NMMA procedures. Specifications are subject to change.

## PORTABLE SERIES



	BF20	BF15*	BF9.9*	BF8*	BF5	BF2.3	BF150J / 105 Jet	BF90J / 65 Jet	BF60J / 40 Jet	
Type	4-Stroke SOHC 2 Cylinders/4 Valves	4-Stroke SOHC 2 Cylinders/4 Valves	4-Stroke SOHC 2 Cylinders/4 Valves	4-Stroke SOHC 2 Cylinders/4 Valves	4-Stroke OHV 1 Cylinder/2 Valves	4-Stroke OHV 1 Cylinder/2 Valves	4-Stroke DOHC 4 Cylinders/16 Valves	4-Stroke SOHC 4 Cylinders/16 Valves	4-Stroke SOHC 3 Cylinders/12 Valves	
Displacement	350 cc (21.5 cu in)	350 cc (21.5 cu in)	222 cc (13.5 cu in)	222 cc (13.5 cu in)	127 cc (7.8 cu in)	57.2 cc (3.49 cu in)	2,354 cc (144 cu in)	1,496 cc (91.4 cu in)	998 cc (61.0 cu in)	
Bore & Stroke	59 x 64 mm (2.3 x 2.5 in.)	59 x 64 mm (2.3 x 2.5 in.)	58 x 42 mm (2.3 x 1.7 in.)	58 x 42 mm (2.3 x 1.7 in.)	60 x 45 mm (2.4 x 1.8 in.)	45 x 36 mm (1.8 x 1.4 in.)	87 x 99 mm (3.4 x 3.9 in.)	73 x 89.4 mm (3.0 x 3.5 in.)	73 x 79.5 mm (2.9 x 3.1 in.)	
Full Throttle rpm Range	5,000-6,000 rpm	4,500-5,500 rpm	5,000-6,000 rpm	4,500-5,500 rpm	5,000-6,000 rpm	5,000-6,000 rpm	5,000-6,000 rpm	5,300-6,300 rpm	5,000-6,000 rpm	
Rated Power	20 HP @ 5,500 rpm	15 HP @ 5,000 rpm	9.9 HP @ 5,500 rpm	8 HP @ 5,000 rpm	5 HP @ 5,500 rpm	2.3 HP @ 5,500 rpm	105 HP @ 5,500 rpm	65 HP @ 5,800 rpm	40 HP @ 5,500 rpm	
Cooling System	Water Cooled	Water Cooled	Water Cooled	Water Cooled	Water Cooled	Forced Air	Water Cooled	Water Cooled	Water Cooled	
Fuel Delivery	1 Carburetor	1 Carburetor	1 Carburetor	1 Carburetor	1 Carburetor	1 Carburetor	PGM-FI	PGM-FI	PGM-FI	
Ignition System	PGM-IG	PGM-IG	PGM-IG	PGM-IG	Digital CDI	Transistorized Pointless	Microcomputer Programmed	Microcomputer Programmed	Microcomputer Programmed	
Starting System	Electric/Recoil	Electric/Recoil	Electric/Recoil	Electric/Recoil	Recoil	Recoil	Electric	Electric	Electric	
Exhaust	Through Hub	Through Hub	Through Hub	Through Hub	Under Water, Above Propeller	Under Water, Above Propeller	Through Jet	Through Jet	Through Jet	
Octane	86	86	86	86	86	86	86	86	86	
Drive										
Gear Ratio	2.08:1	2.08:1	2.33:1	2.33:1	2.08:1	2.42:1	-	-	-	
Gear Shift	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R	360° Pivot	F-N-R	F-N-R	F-N-R	
Equipment										
Alternator w/voltage regulator	12A w/Harness	12A w/Harness	12A w/Harness	12A w/Harness	-	-	55A (40A charging)	44A (35A charging)	22A (17A charging)	
Propeller	4-Blade Aluminum	4-Blade Aluminum	4-Blade Aluminum	4-Blade Aluminum	3-Blade Aluminum	3-Blade Plastic	-	-	-	
Diameter x Pitch	9-1/4 x 10 in.	9-1/4 x 10 in.	9-1/4 x 8 in.	9-1/4 x 8 in.	7-7/8 x 6-3/4 in.	7-1/4 x 7-1/2 in.	-	-	-	
Power Tilt	-	10 x 7-5/8 in.	10 x 6.5 in.	10 x 6.5 in.	-	-	-	-	-	
Power Trim & Tilt	Available	Available	Available	Available	NA	NA	NA	NA	NA	
Gas-Assisted Tilt	NA	NA	NA	NA	NA	NA	Standard	Standard	Standard	
Oil Pressure Alert	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	
Temperature Alert	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	
Rev-Limiter	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	
Speedometer Pickup	-	-	-	-	-	-	Standard	Standard	Standard	
Fuel Tank & Hose	Standard, 3 Gal. Fuel Tank	Standard, 3 Gal. Fuel Tank	Standard, 3 Gal. Fuel Tank	Standard, 3 Gal. Fuel Tank	Optional	-	-	-	-	
Dimensions										
Overall Width	350 mm/13.8 in.	350 mm/13.8 in.	345 mm/13.6 in.	345 mm/13.6 in.	347 mm/13.7 in.	285 mm/11.2 in.	610 mm/24 in.	480 mm/18.9 in.	417 mm/16.4 in.	
Recommended Transom Height	381 mm/15 in. 508 mm/20 in. -	381 mm/15 in. 508 mm/20 in. 635 mm/25 in.	381 mm/15 in. 508 mm/20 in. 635 mm/25 in.	381 mm/15 in. 508 mm/20 in. 635 mm/25 in.	381 mm/15 in. 508 mm/20 in. -	381 mm/15 in. 508 mm/20 in. -	381 mm/15 in. 508 mm/20 in. -	635 mm/25 in. -	635 mm/25 in. -	635 mm/25 in. -
Dry Weight	47 kg/104 lbs. 50 kg/110 lbs. -	47 kg/104 lbs. 50 kg/110 lbs. 52 kg/115 lbs.	42 kg/92 lbs. 44 kg/98 lbs. 48 kg/107 lbs.	42 kg/92 lbs. 44 kg/98 lbs. 48 kg/107 lbs.	27 kg/60 lbs.	13 kg/29.5 lbs.	-	232 kg/511 lbs.	169 kg/373 lbs.	122 kg/268 lbs.
CARB 2022 RATING	★★★	★★★	★★★	★★★	★★★	★★★	★★★	★★★	★★★	

\*For Power Thrust model specifications, please visit marine.honda.com. All Honda outboards are power rated with NMMA procedures. Specifications are subject to change.

# Genuine Honda Accessories

Honda Marine offers a wide variety of high-quality accessories. From controls and flush kits to gauge sets, harnesses, and propellers, we have the parts and accessories you need.

All accessories are available to purchase through any authorized Honda Marine dealer.



Mechanical Rigging



Push Button Starting, Key Switch Panels, and Displays



Oil, Fuel Stabilizers, Chemicals



Propellers



iST® Drive-By-Wire Rigging

For more information on Honda's complete line of Parts & Accessories, see your Honda Marine dealer or go to [marine.honda.com](http://marine.honda.com).

- GAUGES • CONTROL BOXES • CONTROL CABLES • KEY SWITCH PANELS • ELECTRIC HARNESSES
- CHARGING SYSTEMS • FUEL SYSTEM COMPONENTS • WATER PUMP KITS • HARDWARE • CONVERSION KITS • CHEMICALS • PROPELLERS

# Knowledgeable Dealers, Outstanding Support

## Honda Marine Dealers

When you go boating with Honda, you're getting more than outstanding equipment and advanced technology. You're also getting the trusted support of Honda Marine dealers nationwide.

Our dealers and staff receive thorough training and regular updates, ensuring their knowledge of the Honda Marine product line is ready to help you whenever you may need it. Honda Marine authorized dealers provide you with the highest level of service, and have the skills, equipment, and expertise to help you get the most out of all your Honda Marine products.

## NMMA CSI Award

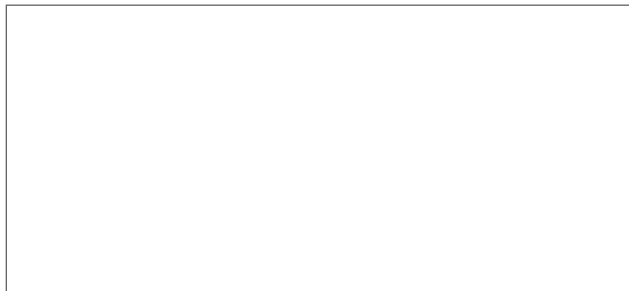
For nineteen consecutive years, the National Marine Manufacturer's Association has awarded Honda Marine dealers the coveted CSI Award for Excellence in Customer Satisfaction. Drawing on information from more than 50,000 customers who have purchased new boats or outboard engines, the CSI Award for Excellence is only presented to organizations that receive customer satisfaction ratings of 90% or higher.



## Environmental Responsibility

For over 55 years, Honda Marine has been perfecting the design of the four-stroke engine. Four strokes reduce noise, smoke less, and use less fuel than two stroke models. Honda Marine engineers are dedicated to the long-term goal of carbon-neutral boating and are working daily to make it a reality. Today, all Honda outboards meet the rigorous CARB (California Air Resources Board) outboard standards, earning the top-level 3-Star rating for Ultra Low Emissions.





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