There are some places you won’t find on a map. No GPS or compass will point you in the right direction. It’s a place woven into the very fiber of your being.

It’s a hardwired passion. It’s the serenity that comes with patience, and the thrill of the strike. It’s the yearning to chase another sunset.

When you’re truly ready to make the journey, Honda can get you there. And back.
There’s a reason why consumers have faith in the Honda name. Our high-performance engines are tested on racetracks and roadways across the globe, year after year. When it comes to choosing power for your new boat or repowering your current one, consider the experience that will take you over the water with quiet, efficient operation and reliability only Honda can deliver.

Did you know Honda was the first marine manufacturer in the world to offer four-stroke options in the industry? We were the first to deliver a full line of dependable four-stroke engines, the first to pioneer a 225HP four-stroke outboard marine engine, and the first four-stroke to meet and exceed both EPA and CARB emission standards. Honda is also the only one to offer a non-declining 5-year warranty.

And many Honda outboards share technologies and components used in Honda vehicles that have proven themselves over millions of miles. For over 50 years, we’ve been tireless in applying advanced thinking to our marine engines and challenging the rest of the industry to keep pace.

So when selecting outboard marine power, you can trust Honda’s attention to detail and leadership in design will deliver innovation, reliability, power, and performance. At Honda, we passionately believe in The Power of Boating.

Honda presents the first four-stroke outboard. Honda Marine is the only manufacturer offering over 15 four-stroke models.

Honda introduces the world’s first 225 HP four-stroke engine and VTEC® Technology is introduced in a marine engine for the first time.

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

Honda Marine expands support of the U.S. Coast Guard’s Homeland Security Initiative.

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

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

Our BF150 and BF135 are introduced. We also received the NMMA’s CSI Award.

The BF90 prototype wins the IMTEC Innovation Award.

The all-new lightest-in-class BF90 and BF75 four-strokes are introduced. We won our third consecutive NMMA CSI award and received a customer satisfaction award for four stroke outboards from a leading consumer publication.

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

Honda Marine wins a thirteenth and fourteenth consecutive NMMA CSI award. The BF6 is also recognized by Boating Industry for its top new products.

Honda Marine wins a thirteenth consecutive NMMA CSI award.

Introduced the best-in-class BF60 with an industry first dual intake circuits and AMP+® idle charging system. The BF250 won the 2011 IBEX Innovation Award in the four-stroke category and consecutive NMMA CSI award.

Introduced the best-in-class BF250 with industry first dual intake circuits and AMP+® idle charging system. This BF250 won the 2011 IBEX Innovation Award and Honda was awarded an eighth consecutive NMMA CSI award.

Honda introduces the best-in-class BF115 and BF85 portable series. The BF85 was the 2004 NMMA Innovation Award for outboard engine technology.

The BF90 prototype was the IBEC Innovation Award.

Honda introduces the BF90 and BF75 four-stroke series. We won our first consecutive NMMA CSI award and received a customer satisfaction award for four stroke outboards from a leading consumer publication.

We won our record consecutive NMMA CSI award and received a customer satisfaction award for four stroke outboards from a leading consumer publication.

Honda unveils the first full line of four-stroke outboards. The BF90 wins “Design and Engineering Award” from a popular science and technology publication.

Our BF100 and BF125 are introduced. We also received the NMMA’s CSI Award.

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

The BF45 wins the IMTEC Innovation Award.

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

Honda Marine is the only manufacturer offering over 15 four-stroke models.

Honda Marine wins consecutive NMMA CSI award. The BF5 is also recognized by Boating Industry for its top new products.

Honda Marine wins consecutive NMMA CSI award.

We proudly won our tenth consecutive NMMA CSI award.

Introduction of the BF115. We also received consecutive NMMA CSI award.

Honda introduces the BF90 and BF75 four-stroke series. We won our first consecutive NMMA CSI award and received a customer satisfaction award for four stroke outboards from a leading consumer publication.

Honda Marine wins a twelfth consecutive NMMA CSI award.

Honda Marine wins a thirteenth and fourteenth consecutive NMMA CSI award. The BF6 is also recognized by Boating Industry for its top new products.

Honda Marine wins a twelfth consecutive NMMA CSI award.

Honda also introduces the BF100, a mid-range packed with shared technology derived from the Honda Fit automobile.

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.

The BF4 wins the 2016 IBEX Innovation Award for outboard engine technology.

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

Honda Marine wins a thirteenth consecutive NMMA CSI award. The BF6 is also recognized by Boating Industry for its top new products.

The BF40 and BF50 are introduced. We also received consecutive NMMA CSI award.
Honda’s True 5 Warranty
This transferable five-year, factory-direct, non-declining warranty is simply the best warranty you will find. It is not a third-party “extended service” contract. The warranty is the same on the last day of ownership as it is on the first day and is supported by a robust network of expertly trained Honda Marine dealers across the nation.

Fleet Warranties
Honda Marine provides expanded warranties for commercial, rental, and government customers that doubles the previous coverage from 12 to 24 months for commercial and rental engines, and adds more than 30% additional coverage for engines purchased by state, local and federal governments. New coverage begins on models purchased on or after January 1, 2016.

NMMA CSI Award
For fourteen consecutive years, the National Marine Manufacturer’s Association has awarded Honda Marine dealers the coveted CSI Award for Excellence in Customer Satisfaction. With information from more than 50,000 customers that have purchased new boats or outboard engines, this ranking is 90% or higher than average customer service ratings.

Environmental Responsibility
For over 50 years, Honda Marine has been perfecting the design of the four-stroke engine. Honda has always known it was important that four strokes reduce noise, smoke less, and use less fuel as compared to two stroke models. All Honda outboards meet rigorous CARB (California Air Resources Board) outboard standards, earning the top level 3-Star rating for Ultra Low Emissions.

The Facts are What Make a Honda Outboard Legendary.
Large Engine Series
BF250, BF225, BF200, BF150, BF135, BF115

All boaters shown are wearing personal flotation devices.
Powerful, Dependable and Efficient—That’s the Honda BF250.

With a unique blend of automotive and marine engine technologies, the award-winning BF250 is a showcase of Honda’s engineering and technical excellence, making it truly worthy of flagship model status.

The 3.6 liter V6 BF250 incorporates Honda Marine’s technologies such as BLAST™ for maximum holeshot performance, VTEC® for explosive mid-range torque, Lean Burn Control for tremendous fuel efficiency, and NMEA 2000® certification for an open-architecture interface to a wide variety of electronics.

Lean Burn Control uses various sensors in the exhaust and communicates data to the electronic control module (ECM). The ECM adjusts the fuel-air mix at cruising speeds for optimal fuel efficiency.

Combine all this with Honda Marine’s True S Non-Declining Warranty and award winning dealer network, and you’ve just found the ultimate on-water experience, whether you’re miles offshore or spending another great day on the lake.

Features Include: BLAST™ • VTEC® TECHNOLOGY • LEAN BURN CONTROL • NMEA 2000® • AMP+ • DUAL AIR CIRCUITS • DUAL STAGE INDUCTION • PGM-FI (PROGRAMMED FUEL INJECTION)

iST® (OPT) • COUNTER ROTATION • HIGH OUTPUT ALTERNATOR • 4 FRONT CORROSION PROTECTION • FRESHWATER FRESH PORT • ENGINE ALERT SYSTEM • NARROW 60° DESIGN • 86 OCTANE
Automotive Styling on the Inside, and Out.

Not only does the BF250 share engine technologies and components used in Honda vehicles, but the BF250 is also available in Acura NSX NH565 Grand Prix White along with the traditional Honda Marine silver. This new paint also features Honda’s 4-Front Corrosion Protection™, double-sealed multi-layered paint process, and painted interior cooling passages.

Honda’s Intelligent Shift & Throttle® (iST®)

The Honda BF250 is designed to take full advantage of Honda optional Intelligent Shift & Throttle® (iST®) drive by wire system. The iST® system can control up to four engines and two control stations, providing effortless control, fine tuning of throttle settings, enhanced docking and slow speed control, user-programmable system defaults and a simple, easy to understand user interface.
Undeniable V6 Power and Performance.

From center consoles to cuddy cabins to pontoon, fishing, and deck boats, the award-winning BF225 and BF200 deliver outstanding power and efficient performance for recreational, sporting and commercial applications. These workhorses even help power those who patrol & protect America’s waterways, putting in thousands of hours under the most challenging conditions.

Honda Marine’s 3.5-liter V6 engines incorporate a suite of exclusive technologies such as BLAST™ for maximum holeshot performance, Lean Burn Control for tremendous fuel efficiency, NMEA 2000® certification for an open-architecture interface to a wide variety of brand name marine electronics, and on the BF225, VTEC® for explosive mid-range torque.

And now, they’re both available with Honda’s drive-by-wire iST® system. Combine that with their narrow 60° design, and you’ve got Honda BF225 & BF200 dual power and control right at your fingertips.

Features Include:
- BLAST™
- VTEC® Technology on BF225
- Lean Burn Control
- NMEA 2000®
- Dual Stage Induction
- PGM-FI (Programmed Fuel Injection)

iST® (OPT)
- Counter Rotation
- High Output Alternator
- V-Front Corrosion Protection
- Freshwater Floor Port
- Engine Alert System
- Narrow 60° Design
- 86 Octane

BF225
BF200

14 / BF225 & BF200

For a complete explanation of features, please refer to the technology section on pages 44-47.
Automotive Styling on the Inside, and Out.
Not only do the BF225 and BF200 share engine technologies and components used in Honda vehicles, but they’re also available in Acura NSX NH565 Grand Prix White along with the traditional Honda Marine silver.

This new paint also features Honda’s 4-Front Corrosion Protection™, double-sealed multi-layered paint process, and painted interior cooling passages.

Honda’s Intelligent Shift & Throttle® (iST®)
Honda BF225 and BF200 are designed to take full advantage of Honda’s optional Intelligent Shift & Throttle® (iST®) drive by wire system. The iST® system can control up to four engines and two control stations, providing effortless control, fine tuning of throttle settings, enhanced docking and slow speed control, user-programmable system defaults and a simple, easy to understand user interface.

BF225 & BF200
All boaters shown are wearing personal flotation devices.
BF150
BF135, BF115

Performance-Designed Peace of Mind and Endless Adventures.

Whether you’re chasing horizons, sportfishing or pontooning with friends & family, three choices that deliver optimum performance are the BF150, BF135 and BF115.

All three engines feature advanced Dual Overhead Cam, in-line four-cylinder 16-valve architecture, originally developed for the Honda Accord and CR-V. Honda’s exclusive Dual-Stage Induction* delivers top performance at every rpm range. Lean Burn Control automatically adjusts the air-fuel mix to maximize power and fuel efficiency, and the BF150 features Honda’s exclusive VTEC® Technology for a superior blend of power, torque and fuel efficiency.

These three engines deliver Honda’s world-renowned quality and reliability with features that ensure long-term durability such as a 3-Way Cooling System. It’s that kind of peace of mind that allows you to truly relax out on the water.

BF150 & BF135 only. For a complete explanation of features, please refer to the technology section on pages 44-47.
All boaters shown are wearing personal flotation devices.
We’ve raised the bar on what boaters can expect from a mid-size engine with the BF100. This best-of-class outboard offers superior power from initial blast to top end speed with remarkable fuel efficiency. Along with the BF90 and BF75, they’re some of the lightest 4-strokes in their class and offer a host of Honda-exclusives, such as Honda’s VTEC® Technology on the BF100 and BF90.

The BF100, BF90 and BF75 offer PGM-FI (programmed fuel injection) for instant throttle response and optimized fuel consumption. All three engines also feature Honda-exclusives like BLAST™ for strong acceleration, Lean Burn Control for superior fuel efficiency and a 3-Way Cooling System for long-lasting, durable performance.

Add it all together and you have mid-range engines that are economical, efficient and durable—which equals maximum quality time for you.
Unmatched Maneuverability and Convenience.

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

Available in two versions, the BF60 and the BFP60 Power Thrust offer powerful performance and exhilarating acceleration. The BF60 offers a unique gear case and larger propeller that’s ideal for pontoons and larger ruled boats.

The BFP60 offers Easy Dock™ Steering. This exclusive Honda feature has a full 50° of rudder angle to port and again to starboard simplifying maneuvering in the marina.

Add in features like BLAST™ Programmable Fuel Injection, a high performance heavy-duty gear case Lean Burn Control and optional Variable Trolling Control and you’ve got a legendary motor that’s truly best in class.

BF60

BFP60

Features include: BLAST™, LEAN BURN CONTROL, NMEA 2000®, EASY DOCK STEERING, PGM-FI (PROGRAMMED FUEL INJECTION), HIGH OUTPUT ALTERNATOR, POWER THRUST DESIGN (BFP60), 4 FRONT CORROSION PROTECTION SYSTEM™, VARIABLE TROLLING CONTROL (OPT), NON-LINEAR MOUNTING SYSTEM™, TRIM LIMIT SWITCH (OPT), BLAST™, LEAN BURN CONTROL, NMEA 2000®, EASY DOCK STEERING, PGM-FI (PROGRAMMED FUEL INJECTION), HIGH OUTPUT ALTERNATOR, POWER THRUST DESIGN (BFP60), 4 FRONT CORROSION PROTECTION SYSTEM™, VARIABLE TROLLING CONTROL (OPT), NON-LINEAR MOUNTING SYSTEM™, TRIM LIMIT SWITCH (OPT)

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.
Light, Compact Power that’s Head-of-the-Class.

The BF40 and BF50 are an outstanding combination of Honda’s legendary four-stroke engineering and our latest outboard innovations. The result? The lightest, most compact engines in their class. And because they are from Honda, they’re loaded with unparalleled features and technology.

Features such as BLAST™ (Boosted Low Speed Torque) — activated by a quick movement of the throttle — deliver vastly improved holeshots. Then there’s Programmed Electronic Fuel Injection for easy starts, instant throttle response, variable trolling speeds (requires optional switch), and overall better fuel efficiency. Lean Burn Control stretches your gas even further by allowing a leaner air-to-fuel mixture.

These mid-size engines are perfect for pontoon boats, inflatables, flats, fishing, and bay boats. Put it all together, and you’ll find that the BF40 and BF50 aren’t just at the head of the class; they’re in a class by themselves.

BF50
BF40

Features Include:

- BLAST™
- Lean Burn Control
- NMEA 2000®
- PGM-FI (Programmed Fuel Injection)
- High Output Alternator
- 4-Front Corrosion Protection™
- Engine Alert System
- Non-Linear Mounting System
- Gas Assist Tilt Available
- Tiller Models Available

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

BF50 & BF40 marine.honda.com

All boaters shown are wearing personal flotation devices. For a complete explanation of features, please refer to the technology section on pages 44-47.
Brawn Doesn't Have to be Big. Just Dependable.

For mid and smaller horsepower needs, there's plenty of punch in the Honda BF30 and BF25. They're packed with dependable power, but it's power you'll feel and rarely hear. That's because these Honda outboards are whisper quiet. They're so quiet they don't need the added weight of dampening insulation, usually found on other brands.

Instead we pack them full of features such as a Center Mount Tiller with up-front controls. Then there's 3 to 3 Induction System that provides smooth, quiet operation. Both also feature Autostart Enrichment. Just like a fuel injection system, it automatically adjusts the air/fuel mixture for easy starting and warm-up.

The BF25 and BF30 are also some of the lightest engines in their class and come with a built-in pitot tube that eliminates the need to drill holes for engine installation.

And of course, the exceptionally durable BF25 and BF30 are backed by the best standard warranty you can get. The end result? More good times on the water.

BF30
BF25

Features Include: 3-CYLINDER DESIGN • AUTOSTART ENRICHMENT • LARGE DISPLACEMENT • NON-LINEAR MOUNTING SYSTEM • 4-FRONT CORROSION PROTECTION SYSTEM™ • BUILT-IN PITOT TUBE • POWER TRIM AND TILT • GAS ASSIST TILT AVAILABLE • TILLEL MODELS AVAILABLE
All boaters shown are wearing personal flotation devices.

Portable Engine Series
BF20, BF15, BF9.9, BF8, BF6, BF5, BF4, BF2.3
Portable, Fuel Efficient and Powerful.

For smaller 12- to 16-foot boats, the Honda BF8 and BF9.9 through BF15 and BF20 are as convenient as you can get. At just 92 pounds and 104 pounds respectively, they’re the first models to weigh less than most conventional 9.9 HP outboards. Yet they’re all Honda, meaning quiet, reliable, fuel efficient and loaded with features.

All feature fully regulated charging systems and harnesses. With the largest alternator in their class, you’ll have plenty of power for all your electronics, even when trolling. They also offer Auto Start Enrichment to ensure easy starting and quick warm-up.

Meanwhile, all four engines are available with BFP Power Thrust Design for even more boost, with 60% more thrust in reverse and 15% more in forward.

Add in Easy One-Hand Starting, Shallow Water Drive, Power Tilt, and much more, and you’ve got the ideal combination of power and portability.
The Biggest Thing In Compact, Portable Outboards.

The Honda BF4, BF5 & BF6 have been recently reimagined and reengineered from the ground up to combine the needs of portable outboard users with trusted Honda reliability. These new engines offer true portability with expanded carrying handles plus folding up or down handles for compact storage and transport. They also feature compression release for easy starting.

Once on the water, this portable series boasts a large, 1.5L internal fuel tank or add an optional external fuel tank for the BF5 and BF6 to extend range and opportunities to explore. And with advancements in lessening engine vibration and noise, these outboards help offer smooth rides, less operator fatigue and truly peaceful moments in the great outdoors.

The BF4/5/6 series is everything you want in a portable outboard: easy starting, lightweight, fuel efficient, quiet, low vibration, and high performance. It’s easy to see why the BF4, BF5 & BF6 are best in class.

BF6
BF5, BF4

The BF6 was selected as a recipient of a 2016 International Boat Builders’ Exhibition (IBEX) Innovation Award for outboard engine technology.

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

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BF6
BF5, BF4

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The Best Things Come in Small Packages.

And that’s especially true with Honda’s BF2.3, one of the world’s lightest four-stroke outboards. The BF2.3 is so light, it rivals many electric motors, without the battery. But just because it’s lightweight (29.5 lbs.) doesn’t mean we cut back on the power. The BF2.3 features 15% more power over its predecessor. It also provides excellent maneuverability in tight areas. With full 360° steering and pivoting tiller handle, you get full thrust in any direction, and enjoy quick and easy maneuvering.

Plus we added a 12% larger internal gas tank, which provides for about one hour of operation at wide open throttle.

It’s a technologically advanced design that gives you power and performance—without sacrificing portability.
Jet Drive Engine Series

BF150J / 105 Jet, BF90J / 65 Jet, BF60J / 40 Jet
Deep Technology Designed for Shallow Waters.

The recently redesigned Honda Marine Jet Drive outboards are perfect for running the shallows where the fish are. Available as 105 Jet, 65 Jet and 40 Jet models, Honda Jet Drives are ideal for boating in locations where normal propeller driven hulls are unable to operate, such as rocky bottom shallow rivers, white water rapids, and even over sandbars.

And like all Honda four-stroke outboards, they come standard with the same dependability, fuel efficiency and quiet operation that you’ve come to expect from the leader in engine technology. And the jet pump is fully covered by the same True 5 Non-Declining Warranty that covers all Honda Marine outboards.

**Jet Drive Conversion**

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<thead>
<tr>
<th>Prop Shaft HP</th>
<th>Jet Pump Rating</th>
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<tr>
<td>150</td>
<td>105</td>
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<td>90</td>
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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 • ENGINE WARRANTY INCLUDES JET PUMP
Just from a glance at their sleek, aerodynamic lines, Honda outboards don’t look like anything else out there. As attractive as they are, however, it’s what’s on the inside that counts. As you review these features, look for the word “Exclusive.” It means that you won’t find that particular feature anywhere else.

**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, BF135, BF115, BF100, BF90, BF75, BF60, BF50, BF40

**VTEC® Technology**

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’s all because VTEC® 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. Check out the following illustration to better understand 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, BF115, BF100, BF90, BF75, BF60, BF50, BF40

**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, BF135, BF115, BF100, BF90, BF75, BF60, BF50, BF40

**AMP+®**

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

**Dual Air Intake Circuits**

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

BF250

**Cruising Efficiency That’s Easy On Your Wallet.**

This feature increases fuel efficiency by allowing the electronic control module to operate on a leaner air-to-fuel mixture. At cruising speed, Honda engines run on up to 21% less fuel than other comparably sized outboards.

BF250, BF225, BF200, BF150, BF135, BF115, BF100, BF90, BF75, BF60, BF50, BF40

**Lean Burn Control**

This feature increases fuel efficiency by allowing the electronic control module to operate on a leaner air-to-fuel mixture. At cruising speed, Honda engines run on up to 21% less fuel than other comparably sized outboards.

BF250, BF225, BF200, BF150, BF135, BF115, BF100, BF90, BF75, BF60, BF50, BF40

**Power And Fuel Efficiency — The Beat of Both Worlds.**

Honda’s variable valve lift (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’s all because VTEC® 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. Check out the following illustration to better understand the smart thinking behind VTEC® technology:

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**Fuel Engine Data On Your GPS Or Fishfinder Screen.**

Within Cruising Range (2000-2500 rpm)

Air/Fuel ratio: 21%

Within High Speed (2550-3000 rpm)

Air/Fuel ratio: 15%

Instant Acceleration. Save Your Battery.

Cooler Air, More Horsepower.

Power And Fuel Efficiency — The Beat of Both Worlds.

VTEC® Technology

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BF250, BF225, BF200, BF150, BF135, BF115, BF100, BF90, BF75, BF60, BF50, BF40

**Power And Fuel Efficiency — The Beat of Both Worlds.**

Honda’s variable valve lift (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’s all because VTEC® 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. Check out the following illustration to better understand 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, BF115, BF100, BF90, BF75, BF60, BF50, BF40

**Lean Burn Control**

This feature increases fuel efficiency by allowing the electronic control module to operate on a leaner air-to-fuel mixture. At cruising speed, Honda engines run on up to 21% less fuel than other comparably sized outboards.

BF250, BF225, BF200, BF150, BF135, BF115, BF100, BF90, BF75, BF60, BF50, BF40
There is no raw text to extract from the image.
### Engine Technical Specifications

#### LARGE MOTOR SERIES

| Model      | Speedometer Pickup | Alternator (Electric start) | Equipment | Gear Shift | Gear Ratio | Oil Pressure Alert | Gas-Assisted Tilt | Octane | Power Trim & Tilt | Dimensions | Displacement | Bore & Stroke | Full Throttle rpm Range | Starting System | Ignition System | Fuel Delivery | Rated Power | Bore & Stroke | Cooling System | Overall Width | Dimensions | Dry Weight (S-type) | Recommended | Propeller | Recommended | Recommended | Overall Width | Dimensions | Dry Weight (S-type) | Recommended | Propeller | Recommended | Recommended | Overall Width | Dimensions | Dry Weight (S-type) | Recommended | Propeller | Recommended | Recommended | Overall Width | Dimensions | Dry Weight (S-type) | Recommended | Propeller | Recommended | Recommended | Overall Width | Dimensions | Dry Weight (S-type) | Recommended | Propeller | Recommended | Recommended | Overall Width | Dimensions | Dry Weight (S-type) | Recommended | Propeller | Recommended | Recommended | Overall Width | Dimensions | Dry Weight (S-type) | Recommended | Propeller | Recommended | Recommended | Overall Width | Dimensions | Dry Weight (S-type) | Recommended | Propeller | Recommended | Recommended | Overall Width | Dimensions | Dry Weight (S-type) | Recommended | Propeller | Recommended | Recommended | Overall Width | Dimensions | Dry Weight (S-type) | Recommended | Propeller | Recommended | Recommended | Overall Width | Dimensions | Dry Weight (S-type) | Recommended | Propeller | Recommended | Recommended | Overall Width | Dimensions | Dry Weight (S-type) | Recommended | Propeller | Recommended | Recommended | Overall Width | Dimensions | Dry Weight (S-type) | Recommended | Propeller | Recommended | Recommended | Overall Width | Dimensions | Dry Weight (S-type) | Recommended | Propeller | Recommended | Recommended | Overall Width | Dimensions | Dry Weight (S-type) | Recommended | Propeller | Recommended | Recommended | Overall Width | Dimensions | Dry Weight (S-type) | Recommended | Propeller | Recommended | Recommended | Overall Width | Dimensions | Dry Weight (S-type) | Recommended | Propeller | Recommended | Recommended | Overall Width | Dimensions | Dry Weight (S-type) | Recommended | Propeller | Recommended | Recommended | Overall Width | Dimensions | Dry Weight (S-type) | Recommended | Propeller | Recommended | Recommended | Overall Width | Dimensions | Dry Weight (S-type) | Recommended | Propeller | Recommended | Recommended | Overall Width | Dimensions | Dry Weight (S-type) | Recommended | Propeller | Recommended | Recommended | Overall Width | Dimensions | Dry Weight (S-type) | Recommended | Propeller | Recommended | Recommended | Overall Width | Dimensions | Dry Weight (S-type) | Recommended | Propeller | Recommended | Recommended | Overall Width | Dimensions | Dry Weight (S-type) | Recommended | Propeller | Required
## PORTABLE SERIES

<table>
<thead>
<tr>
<th>Dimension</th>
<th>BF20</th>
<th>BF25</th>
<th>BF30</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speedometer Pickup</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Rev-Limiter</td>
<td>Standard</td>
<td>Standard</td>
<td>Standard</td>
</tr>
<tr>
<td>Temperature Alert</td>
<td>Standard</td>
<td>Standard</td>
<td>Standard</td>
</tr>
<tr>
<td>Alternator (Electric Start)</td>
<td>12A w/Harness</td>
<td>12A w/Harness</td>
<td></td>
</tr>
<tr>
<td>Oil Pressure Alert</td>
<td>Standard</td>
<td>Standard</td>
<td>Standard</td>
</tr>
<tr>
<td>Gas-Assisted Tilt</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Power Trim &amp; Tilt</td>
<td>NA</td>
<td>NA</td>
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<tr>
<td>Power Tilt</td>
<td>Available</td>
<td>Available</td>
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</tr>
<tr>
<td>Power Thrust</td>
<td>9-1/4 x 10 inches</td>
<td>9-1/4 x 10 inches</td>
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<tr>
<td>Diameter x Pitch</td>
<td>Standard 9-1/4 x 10 inches</td>
<td>Standard 9-1/4 x 10 inches</td>
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<tr>
<td>Propeller</td>
<td>4-Blade Aluminum</td>
<td>4-Blade Aluminum</td>
<td></td>
</tr>
<tr>
<td>w/voltage regulator</td>
<td>6A w/Harness</td>
<td>6A w/Harness</td>
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</tr>
<tr>
<td>Gear Shift</td>
<td>F-N-R</td>
<td>F-N-R</td>
<td>F-N-R</td>
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<tr>
<td>Gear Ratio</td>
<td>2.08:1</td>
<td>2.08:1</td>
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<td>Drive</td>
<td>4-Stroke SOHC</td>
<td>4-Stroke SOHC</td>
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<tr>
<td>CARB 2018 RATING</td>
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</tr>
<tr>
<td>Octane</td>
<td>86</td>
<td>86</td>
<td>86</td>
</tr>
<tr>
<td>Exhaust</td>
<td>Through Hub</td>
<td>Through Hub</td>
<td></td>
</tr>
<tr>
<td>Starting System</td>
<td>Electric/Recoil</td>
<td>Electric/Recoil</td>
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<tr>
<td>Ignition System</td>
<td>PGM-IG</td>
<td>PGM-IG</td>
<td>Digital CDI</td>
</tr>
<tr>
<td>Fuel Delivery</td>
<td>1 Carburetor</td>
<td>1 Carburetor</td>
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</tr>
<tr>
<td>Cooling System</td>
<td>Water Cooled</td>
<td>Water Cooled</td>
<td></td>
</tr>
<tr>
<td>Bore &amp; Stroke</td>
<td>59 x 64 mm (2.3 x 2.5 in.)</td>
<td>59 x 64 mm (2.3 x 2.5 in.)</td>
<td></td>
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<tr>
<td>Displacement</td>
<td>350 cc (21.5 cubic inches)</td>
<td>350 cc (21.5 cubic inches)</td>
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</tr>
<tr>
<td>2 Cylinders/4 Valves</td>
<td>2 Cylinder/4 Valves</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rated Power</td>
<td>9.9 HP @ 5,500 rpm</td>
<td>8 HP @ 5,000 rpm</td>
<td></td>
</tr>
<tr>
<td>Full Throttle rpm Range</td>
<td>5,000-6,000 rpm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Type</td>
<td>BF20</td>
<td>BF25</td>
<td>BF30</td>
</tr>
<tr>
<td>Dry Weight (S-type)</td>
<td>47 kg/104 lbs.</td>
<td>47 kg/104 lbs.</td>
<td></td>
</tr>
<tr>
<td>(X-type) - 52 kg/115 lbs.</td>
<td>44 kg/98 lbs.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(L-type) 50 kg/110 lbs.</td>
<td>42 kg/92 lbs.</td>
<td></td>
<td></td>
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<tr>
<td>Recommended (S-type)</td>
<td>381 mm/15 inches</td>
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<tr>
<td>(X-type) - 635 mm/25 inches</td>
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</tr>
<tr>
<td>(L-type) 561 mm/20 inches</td>
<td>561 mm/20 inches</td>
<td></td>
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</tr>
</tbody>
</table>
| All Honda outboards are power rated with NMMA procedures. Specifications are subject to change.
Honda Marine offers a wide variety of accessories for our engines. From controls and flush kits to gauge sets, harnesses and propellers, we have the parts and accessories you require.

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

Gauges • Control Boxes • Control Cables • Key Switch Panels • Electric Harnesses

Charging Systems • Fuel System Components • Water Pump Kits • Hardware • Conversion Kits • Chemicals • Propellers

Honda Marine Dealers & Warranties

When you power up with a Honda behind you, you’re getting more than a lovingly crafted piece of machinery. You’re also getting the trusted support of Honda Marine dealers nationwide.

Our dealers and staff go through training and receive updates to keep up their knowledge of the entire Honda outboard line. Honda Marine authorized dealers are ready to provide you with the highest level of service and have the equipment and expertise to help you get the most out of your Honda engine.

Combine this with True 5, the best consumer standard non-declining warranty in the outboard industry and you’ve got a team behind you that is second to none.

For commercial, rental and government customers, Honda Marine proudly offers expanded warranties. The expanded warranty for commercial and rental engines doubles the previous coverage — from 12 months to 24 months. And just like the True 5 warranty, they’re fully backed by Honda Marine, in comparison to the outsourced, extended service contracts typically provided by other manufacturers.

The expanded warranty coverage covers all Honda Marine engine models purchased on or after January 1, 2016.