



BF40

The most technologically-advanced, lightweight, quietest 4-Stroke 40HP outboard engine the world has ever seen.

INTRODUCTION

COMPACT INNOVATION

Not only is the design of Honda's BF40 supremely elegant, but it's also the lightest engine available in its class.

Perfect for aluminium boats and inflatables, it combines class-leading lightweight, compact packaging, enhanced with PGM-FI electronic fuel injection delivering the precise amount of fuel/air to each cylinder. The result is easy starts and instant throttle response with superior fuel efficiency.

Throw in Honda's original Boosted Low Speed Torque (BLAST™) air/fuel ratio and ignition-timing technology, and lean burn control, and your 'hole shot' is vastly improved as more horsepower gets the hull up on plane faster.

ECOMO

Along with Honda's Programmed Fuel Injection, the BF40 incorporates Lean Burn Control technology, which allows combustion to operate on a leaner air/fuel ratio than stoichiometric air/fuel.

An O2 sensor, together with the ECM, precisely controls the air/fuel mixture for the best fuel economy at cruise setting. The mode in which lean burn control is used during cruising to achieve higher fuel economy is referred to as ECOMo (Economy Controlled Motor).

NMEA2000 COMPATIBLE

The BF40 can communicate with onboard electronics to deliver a wide-range of information to head-unit displays.

When networked with a Lowrance HDS unit, for example, engine data such as speed, revs, temperature, fuel usage and other data can be displayed on the unit's screen.

The BF40's Engine Alert System also uses visual, audio and RPM reduction circuits to alert the operator of overheating, low oil PSI and over-revving, preventing engine damage.

PERFECT FOR A DAY OUT ON THE WATER

Honda's BF40 engine features the lightweight Mikuni long tube intake track system, which helps build low-end torque.

Another great advantage for anglers, Honda engineers reduced the trolling speed of the BF40 from 950RPM to 800RPM.

Finally, there's always plenty of electric power with the BF40. Honda's innovative technology enables this engine to output nearly twice as many charging amps as its competitors.

HIGH PERFORMANCE GEARCASE

Designed to get you going faster, this all new gearcase reduces drag, reduces hull porpoising and minimises spray, thus increasing acceleration and top speed.

3 POSITION TILLER HANDLE

Adjusts to your comfort for easiest hull manoeuvrability.

CORROSION PROTECTION SYSTEM

A patented 'Double Sealed' multi-layered paint process. Sacrificial anodes and stainless steel technology, along with water resistant connectors, all enhance corrosion protection.

EASY MAINTENANCE

Easy 'screw-type' valve adjuster system requires no shims and reduces maintenance costs. Easy access side-mounted oil filter and oil filler make for easy maintenance.

SPECS

ENGINE

TYPE 4-stroke SOHC 3-cylinders / 6-valves

DISPLACEMENT 808cc

BORE & STROKE	70 x 70 mm
FULL THROTTLE RPM RANGE	5,000-6,000 RPM
RATED POWER	40HP @ 5,500 RPM
COOLING SYSTEM	Water Cooled
INDUCTION	Programmed Fuel Injection (PGM-FI)
IGNITION SYSTEM	Transistorised battery ignition
STARTING SYSTEM	Electric
EXHAUST	Through prop
ALTERNATOR	17-Amp
POWER TRIM & TILT	Available
GAS-ASSISTED TILT	Available
TRIM RANGE	-4 to +16
TILT RANGE	63

SAFETY FEATURES

EMERGENCY STOP SWITCH	Standard
OIL PRESSURE ALERT	Standard
TEMPERATURE ALERT	Standard
REV-LIMITER	Standard
SPEEDOMETER PICKUP	Standard

DRIVE

GEAR RATIO	2.08:1
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GEAR SHIFT	F-N-R
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PROPELLER	3-blade aluminium
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DIAMETER X PITCH (S-TYPE)	n/a
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DIAMETER X PITCH (L-TYPE)	11-1/4 x 13 Inches
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DIAMETER X PITCH (X-TYPE)	n/a
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DIMENSIONS

OVERALL LENGTH WITH TILLER HANDLE	794mm
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OVERALL LENGTH WITH R/C	694mm
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OVERALL WIDTH	372mm
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OVERALL HEIGHT (S-TYPE)	n/a
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OVERALL HEIGHT (L-TYPE)	1,365mm
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OVERALL HEIGHT (X-TYPE)	n/a
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TRANSOM HEIGHT (S-TYPE)	n/a
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TRANSOM HEIGHT (L-TYPE)	521mm
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TRANSOM HEIGHT (X-TYPE)	n/a
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DRY WEIGHTS (L-TYPE)	98kg
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DRY WEIGHTS (X-TYPE)	n/a
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