



BF225

Combining Honda innovation with a powerful, large-displacement V6 engine, the BF225 offers the most technologically-advanced power available.

INTRODUCTION

RACING TECHNOLOGY

Not only does the BF225 incorporate Honda's revolutionary Boosted Low Speed Torque (BLAST™) air/fuel ratio and ignition-timing technology, but it is also equipped with Variable Valve Timing and Lift Electronic Control (VTEC™).

It's the same system Honda uses in its racing technology, sportscars and other motor vehicles.

VTEC™ offers a superior blend of power, torque and fuel efficiency. VTEC™ racing technology combined with Honda's exclusive dual stage induction, produces a longer, flatter torque curve for max power at every speed.

NO GUTS, NO GLORY

The BF225 draws its power from its 3.5L Large Displacement V6 engine, and its powerful, compact 24-valve SOHC design. Lacking the bulk and weight of long intake runners and multi-camshafts, the narrow V6 design offers top performance and durability, based on Honda's automotive engineering excellence.

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

And the BF225 features a High Performance Gearcase, designed to get you going faster. It reduces drag, reduces hull porpoising and minimises spray, thus increasing acceleration and top speed.

ULTIMATE COMFORT

This engine is twice as quiet as its conventional two-stroke counterpart. Honda's Variable Air Intake system controls the volume and velocity of air in the combustion chamber, making cruising as smooth as it is enjoyable.

The use of linear rubber mounts, combined with innovative design features that see the flywheel positioned below the powerhead, ensures vibration levels are extremely low.

With a Single Latch Cowl ensuring a water-tight seal, a Starter Motor that's inverted into a sealed chamber to protect the starter bendix from the elements, and Stainless Steel Shafts, Steering Arm, and Tilt Tube, you're in for years of cruising pleasure with the BF225!

WORLD FAMOUS QUALITY

The BF225's unique 2-Pass Cooling System maintains an even temperature on all cylinders. The incoming water passes through each aluminum exhaust manifold, then through the cylinder heads and back around the exhaust manifolds before entering the exhaust.

And most four-strokes use long manifolds to deliver air into the cylinder head. Honda's variable intake system utilises a plenum chamber with twin butterfly valves to control the volume of intake air into the combustion chambers of the BF225.

By sharing many components with the Honda Odyssey and Honda Pilot, the BF225 gains years of proven Honda engineering, precision manufacturing and reliability.

ENGINE COMMAND SYSTEM

The ECM receives constant input from 18 different sensors to deliver instant starts, smooth operation, strong performance and excellent fuel efficiency.

ECOMO

Along with Honda's Programmed Fuel Injection, the BF225 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).

DUAL STAGE INDUCTION

Most four-strokes use long manifolds to deliver air into the cylinder head. Honda's variable intake system utilises a plenum chamber with twin butterfly valves to control the volume of intake air into the combustion chambers. The result is a simple, compact design that improves overall operation.

DUAL ENGINE APPLICATIONS

Easy for re-powers. 26" centre-to-centres. Many competitors have to mount on 28" centre. Ensures maximum performance and manoeuvrability.

ENGINE ALERT SYSTEM

With Honda's Engine Alert System, the ECM monitors vital engine functions and prevents engine damage by alerting the operator of overheating, low oil PSI, over-rev, water in fuel, battery condition, and critical engine functions.

TUNED DUAL EXHAUST

The competition's exhaust track goes through the middle of the oil pan, pre-heating the oil. Honda's dual exhaust headers wrap around the outside of the oil pan, which not only reduces heat build-up, but also increases engine efficiency and performance!

60AMP BATTERY CHARGING POWER

Honda introduces a proven 'on demand' 90amp belt-driven alternator that reduces heat buildup and provides superior battery charging capability.

POSITIVE LUBRICATION

A crankshaft-driven, automotive-style trichoid oil pump ensures the long-term durability of critical engine components.

CORROSION PROTECTION SYSTEM

A patented, 'double sealed' multi-layered paint process. Sacrificial anodes and stainless steel technology, along with waterproof connectors, all enhance corrosion protection.

FRESH WATER FLUSHPORT

Flushes debris and saltwater out of the engine, extending the life of the outboard.

BUILT-IN PILOT TUBE

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

NMEA2000 COMPATIBLE

The BF225 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.

SPECS

ENGINE

TYPE	Four-Stroke 60 V6
DISPLACEMENT	3471cc
BORE & STROKE	89mm x 93mm
FULL THROTTLE RPM RANGE	5000-6000rpm
RATED POWER	225hp @ 5500rpm
COOLING SYSTEM	Water cooled (Thermostatically controlled)
INDUCTION	Programmed fuel injection
IGNITION SYSTEM	Micro-computer programmed
STARTING SYSTEM	Electric
EXHAUST	Through prop
ALTERNATOR	60-Amp
POWER TRIM & TILT	Standard
TRIM RANGE	-4 to +16
TILT RANGE	72

SAFETY FEATURES

EMERGENCY STOP SWITCH	Standard
------------------------------	----------

OIL PRESSURE ALERT	Standard
TEMPERATURE ALERT	Standard
REV-LIMITER	Standard
SPEEDOMETER PICKUP	Standard

DRIVE

GEAR RATIO	1.87:1
GEAR SHIFT	F-N-R
PROPELLER	Optional

DIMENSIONS

OVERALL LENGTH	920mm
OVERALL WIDTH	625mm
OVERALL HEIGHT (L-TYPE)	1,670mm
OVERALL HEIGHT (X-TYPE)	1,800mm
OVERALL HEIGHT (XXL-TYPE)	1,925mm
TRANSOM HEIGHT (L-TYPE)	508mm
TRANSOM HEIGHT (X-TYPE)	635mm
TRANSOM HEIGHT (XXL-TYPE)	762mm
DRY WEIGHTS (L-TYPE)	267kg
DRY WEIGHTS (X-TYPE)	272kg

VISIT HONDA MARINE WEBSITE

For terms and conditions please visit <http://www.honda.com.au>

The information in this document is valid as of 12/11/2013. For the most up to date information please visit <http://www.honda.com.au>