

## ADVANCED TECHNOLOGY & SPECIAL FEATURES

### BLAST OFF

Mind-blowing hole shot performance is a combination of Honda's revolutionary Boosted Low Speed Torque (BLAST™) system, which advances ignition timing during acceleration, and an exclusive high-performance, hydrodynamic gear case design that features an enlarged bullet and a low 2.33:1 ratio. Multi-port Programmed Fuel Injection (PGM-FI), which delivers precise amounts of air/fuel to each of the four cylinders, also accurately controls ignition timing across the entire rev range, providing optimum overall performance.

### BOOSTED LOW SPEED TORQUE (BLAST™)



Hole shot and acceleration is improved by MBT trace control (ignition timing). MBT – Minimum advance for Best Torque.

Advanced ignition timing develops more horsepower at low revs to get the hull up on the plane quicker. Super-strong acceleration from 0-50mph!

This patented technology pioneers a new age in four-stroke outboard engines and will be the benchmark for future Honda engine designs.

### RACING TECHNOLOGY



VTEC™ delivers more power, torque and efficiency at every speed.

At 5200rpm, a high-lift cam engages to pack more air into the combustion chamber to produce more power.

VTEC™ works to produce a longer, flatter torque profile: the ultimate in fine-tuned performance. [VTEC: BF90 only]



# HONDA MARINE

## Honda BF90D Fuel Performance Data



### Engine Specifications



Model:	BF90LD
Horsepower:	90 @ 5800 rpm
Displacement:	1496 cc
Weight:	163 Kgs (Dry)
Gear Ratio:	2.33:1
Mounting Height:	3rd Hole up
Prop Material (Blades):	Stainless 3 Blade
Prop Manufacturer:	Solas
Prop (Diameter / Pitch):	14 x 15

Test Conditions	No. of People:	3
	Air Temperature:	16 C
	Water Temperature:	14 C
	Wind Velocity:	5 knots
	Conditions:	Steady
	Wind Direction:	S

### Boat Specifications

Length:	5.10 metres
Beam:	2.20 metres
Height:	2.14 metres
Max HP:	90 Hp
Fuel Capacity:	75 Litres
Max. Transom Weight:	203 Kgs
Total Weight (as tested*):	1040 Kgs

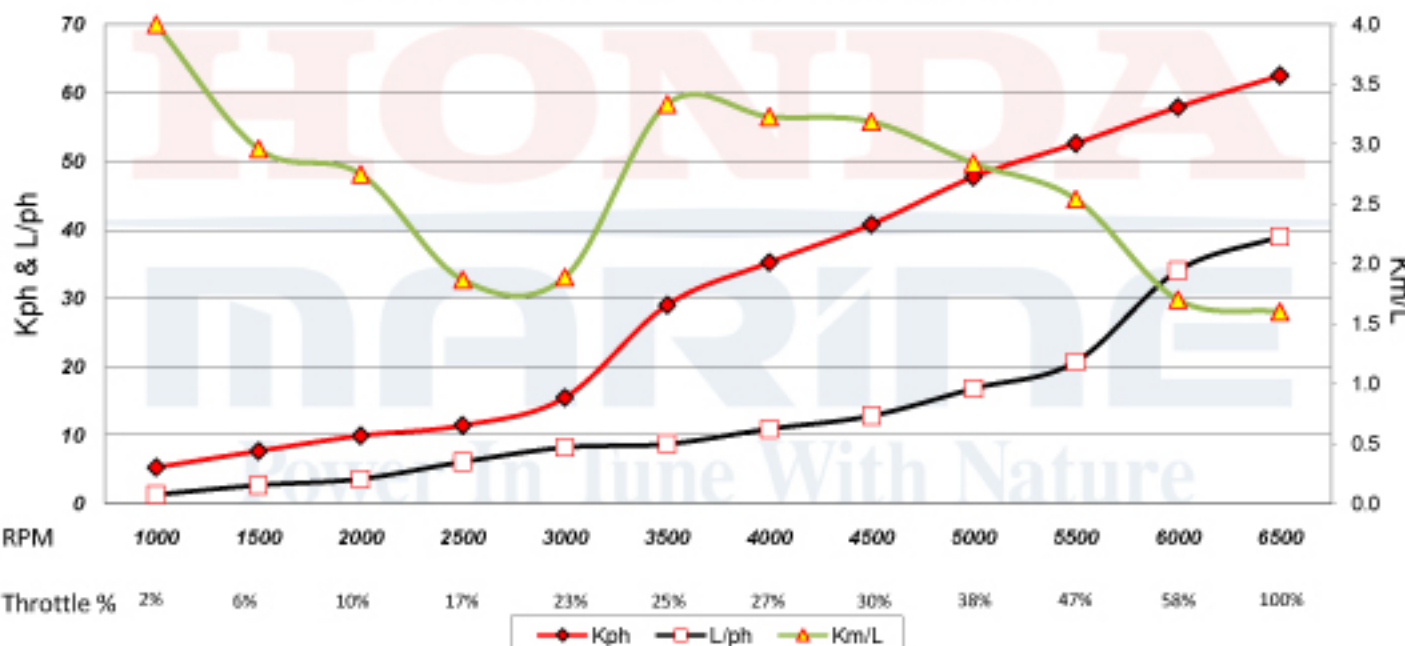
\*Total weight of boat / engine set up was measured at a public weighbridge with all persons, required safety gear and boating equipment included.

### Test Performance

Test Date:	May 2nd, 2009
Maximum Speed:	63 Kph
Best Ave. Acceleration 0-50 Km/h:	8.5 Seconds
Fuel Type:	91 Octane Unleaded

**Best Kms/Litre:** 4.0 Km/L @ 1000 RPM @ Trolling  
3.3 Km/L @ 3500 RPM @ Cruising

Stacer 489 Easyrider & BF90D Average Speed & Fuel Consumption



Data may vary due to changes in weather, tides, temperature, wind direction, hull & propeller condition and load conditions. Fuel data gathered with a calibrated Honda digital fuel gauge. Throttle position percentage was obtained utilising Honda's "Dr H" diagnostic software. Speed data gathered by GPS receiver. Honda Australia accepts no responsibility for the accuracy of these readings. All data is recorded with the engine trim positioned and propeller selection for best all round performance.