

# Performance Bulletin

Test Date: 5th September 2014



## BAYSPORT 640 SPORTS

Length (LOA)	6.40M
Beam	2.45M
Dry Weight	930KGS
Max Hp	175HP
Fuel Capacity	170L
Weight as Tested (approximate)	1,439KGS

## F115XB

Horsepower	84.6kW (115ps) @ 5800rpm
Engine Type	16-Valve DOHC, Direct Action, In-Line 4cyl
Weight	179kg
Gear Ratio	2.15 (28/13)
Mounting Height	# 2

## PROPELLER

Series	Black S-Steel K Series
Diameter/ Pitch	13 x 17"
Part Number	688-45930-02

## TEST CONDITIONS

Crew	2
Air Temperature	16.5°C
Wind Speed	4 Knots
Fuel	150L
Conditions	Flat — Fresh Water

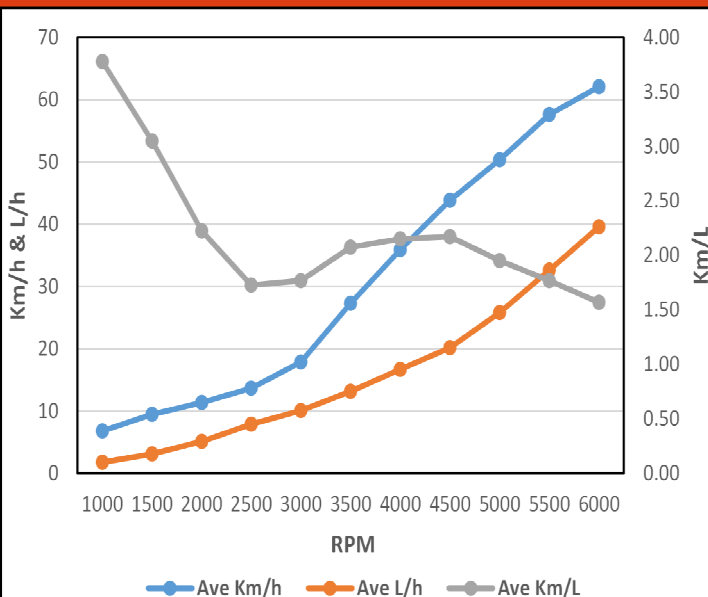
## TEST PERFORMANCE SUMMARY

Max Ave Speed	62.10Km/h or 33.47Knots
Best Cruising Km/L	2.17Km/L @ 4500rpm
Range, Based on 95% Fuel Capacity at Best Km/L	351 Kilometres
0 - 40 Km/h	6.56 Seconds (41.88M)

Data may vary due to changes in weather, tides, boat load, hull & propeller conditions, temperature, atmospheric pressure and wind direction. Fuel data gathered with a non-calibrated Yamaha fuel gauge. Speed data recorded with GPS receiver.  
Yamaha Motor Australia accepts no responsibility for the accuracy of these readings.  
All test data is recorded with the engine fully trimmed in (-4), until 5500 RPM, where possible.

## Performance Data

RPM	Ave Km/h	Ave L/h	Ave Km/L
700	4.50	1.05	4.29
1000	6.80	1.80	3.78
1500	9.45	3.10	3.05
2000	11.35	5.10	2.23
2500	13.65	7.90	1.73
3000	17.85	10.10	1.77
3500	27.30	13.15	2.08
4000	35.90	16.70	2.15
<b>4500</b>	<b>43.85</b>	<b>20.20</b>	<b>2.17</b>
5000	50.35	25.80	1.95
5500	57.60	32.60	1.77
6000	62.10	39.60	1.57



Test Performed by certified Yamaha Technicians

Boat Manufactured by:

<http://www.baysportboats.com.au/>