

Performance Bulletin

Test Date: 11th July 2013



Performance Data

RPM	Ave Km/h	Ave L/h	Ave Km/L
600	5.55	3.60	1.54
1000	9.30	6.20	1.50
1500	11.35	9.65	1.18
2000	14.15	15.90	0.89
2500	21.40	24.40	0.88
3000	34.80	31.85	1.09
3500	44.85	38.70	1.16
4000	54.00	48.25	1.12
4500	63.35	65.70	0.96
5000	70.70	84.85	0.83
5500	77.40	112.60	0.69
6000	84.00	127.80	0.66

BarCrusher 780HT

Length (LOA)	7.80M
Beam	2.47M
Hull Weight inc Fittings	1,500KGS
Max Hp	300HP
Fuel Capacity	320L
Weight as Tested (approximate)	2,318KGS

F150AETX

Horsepower	110.3kW (150ps) @ 5500rpm
Engine Type	16-Valve, DOHC, Direct Action, In-Line 4
Weight	223kg
Gear Ratio	2.0 (28/14)
Mounting Height	Mount Hole # 3

PROPELLER

Series	Reliance M Series
Diameter/ Pitch	13 $\frac{1}{4}$ x 19"
Part Number	68F-45974-00

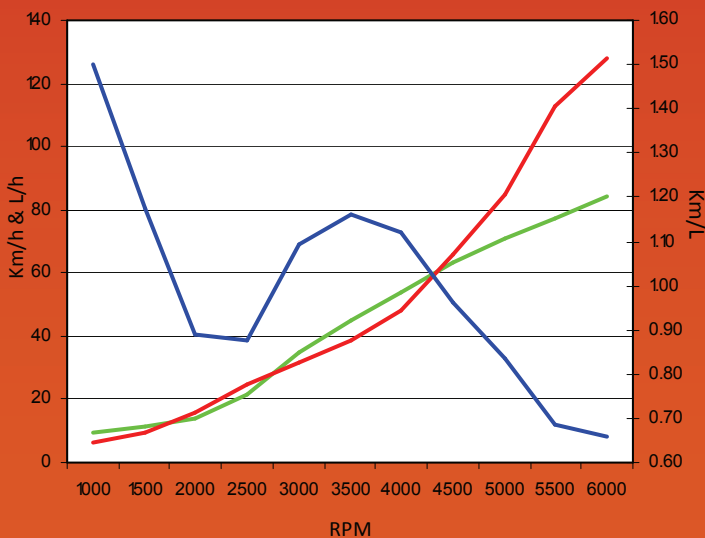
TEST CONDITIONS

Crew	3
Air / Water Temperature	8.7°C / 9.0°C
Wind Direction & Speed	ENE 2 Knots
Test Location	Patterson Lakes, Carrum
Weather	Partly Cloudy

TEST PERFORMANCE SUMMARY

Max Ave Speed	84.00Km/h or 45.28Knots
Best Cruising Km/L	1.16Km/L @ 3500rpm
Range, Based on 95% Fuel Capacity at Best Km/L	352 Kilometres
Seconds 0 - 50 Km/h	5.57 Seconds

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.



Test Performed by certified Yamaha Technicians

Boat Manufactured by:

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