

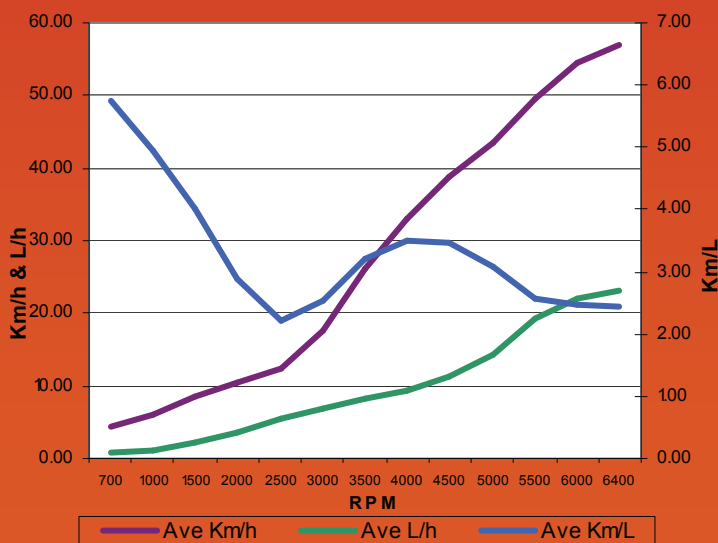
# Performance Bulletin

Test Date: 8th December 2010



## Performance Data

RPM	Ave Km/h	Ave L/h	Ave Km/L
700	4.30	0.75	5.73
1000	5.95	1.20	4.96
1500	8.40	2.10	4.00
2000	10.45	3.60	2.90
2500	12.25	5.50	2.23
3000	17.70	7.00	2.53
3500	26.20	8.15	3.21
<b>4000</b>	<b>33.00</b>	<b>9.40</b>	<b>3.51</b>
4500	38.80	11.20	3.46
5000	43.60	14.20	3.07
5500	49.45	19.15	2.58
6000	54.50	22.15	2.46
6400	56.90	23.25	2.45



Test Performed by certified Yamaha Technicians

Boat Manufactured by:

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

## BAR CRUSHER 535CR

Length (LOA)	5.35m
Beam	2.15m
Dry Weight	595kg
Max Hp	100hp
Fuel Capacity	90L
Weight as Tested (approximate)	1,020kg

## F70AETL/11

Horsepower	51.5kW (70ps) @ 5800rpm
Engine Type	16-Valve SOHC 996cm <sup>3</sup> In-Line 4 Cyl
Weight	119kg
Gear Ratio	2.33 (28/12)
Mounting Height	Bottom Hole # 4

## PROPELLER

Series	Black S-Steel (688)
Diameter/ Pitch	13½ x 14"
Part Number	688-45932-60

## TEST CONDITIONS

Crew	2
Air Temperature	27.1° C
Wind Speed	>5 Knots
Fuel	60L
Water Temperature	25.1° C

## TEST PERFORMANCE SUMMARY

Max Ave Speed	56.90Km/h or 30.67Knots
Best Cruising Km/L	3.51Km/L @ 4000rpm
Range, Based on 95% Fuel Capacity at Best Km/L	300 Km
Idle to WOT (59.80Km/h) = 13.40secs	

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.