

Performance Bulletin

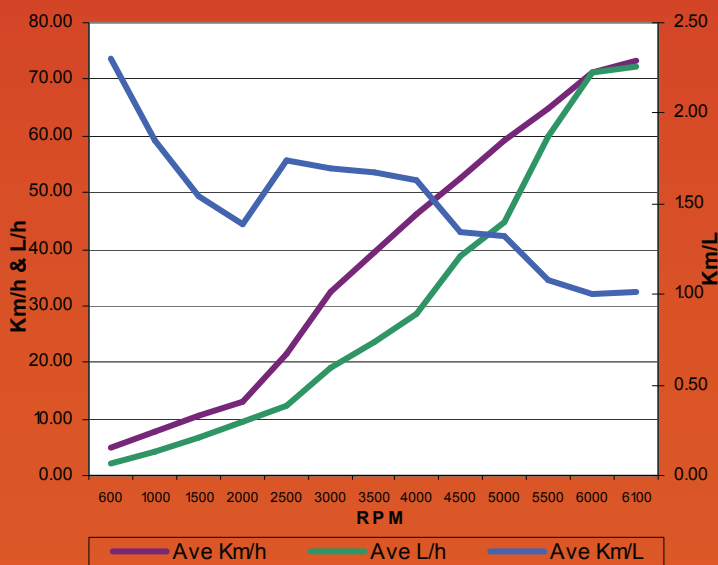
Test Date: 27th of May 2009



F200AETX/09

Performance Data

RPM	Ave Km/h	Ave L/h	Ave Km/L
600	4.95	2.15	2.30
1000	7.70	4.15	1.86
1500	10.50	6.80	1.54
2000	13.05	9.40	1.39
2500	21.60	12.40	1.74
3000	32.40	19.05	1.70
3500	39.45	23.60	1.67
4000	46.30	28.50	1.62
4500	52.40	38.90	1.35
5000	59.05	44.70	1.32
5500	65.00	59.95	1.08
6000	71.30	71.15	1.00
6100	73.25	72.35	1.01



BARCRUSHER 640C

Length	6.40m
Beam	2.47m
Dry Weight	1,190kg
Max Hp	200hp
Fuel Capacity	300L
Weight as Tested (approximate)	1,987kg

F200AETX/09

Horsepower	147.1 kW (200ps) @ 5500rpm
Engine Type	24-Valve DOHC Direct-Action 60° V6
Weight (Inc. Prop)	275kg
Gear Ratio	2.0 (30/15)
Mounting Height	2nd Hole

PROPELLER

Series	M Salt Water (6R4)
Diameter/ Pitch	15 1/4 x 17"
Part Number	6R4-45978-A0-00

TEST CONDITIONS

Crew	2
Air Temperature	17.5° C
Wind Speed	10 to 15 Knots
Fuel	300L
Water Temperature	20.9° C

TEST PERFORMANCE SUMMARY

Max Ave Speed	73.3 Km/h or 39.5 Knots
Best Cruising Km/L	1.74 Km/L @ 2500rpm
Range, Based on 95% Fuel Capacity at Best Km/L	496 Km
Acceleration 10 - 50 Km/h	4.3 Sec

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.