

Performance Bulletin

Test Date: 22nd November 2006



70BETOL

Allycraft Bar Raider 4.8

Hull Length	4.80m
Beam	2.25m
Dry Weight	365kg
Max Hp	80Hp
Fuel Capacity	60L
Weight as Tested (approximate)	720kg

70 BETOL

Horsepower	70hp @ 5500rpm
Engine Type	Three cylinder two stroke
Weight (Inc. Prop)	108kg
Gear Ratio	2.33 (28/12)
Mounting Height	# 1 hole

PROPELLER

Series	Black K
Diameter/ Pitch	13 x 16"
Part Number	688-45978-60-98

TEST CONDITIONS

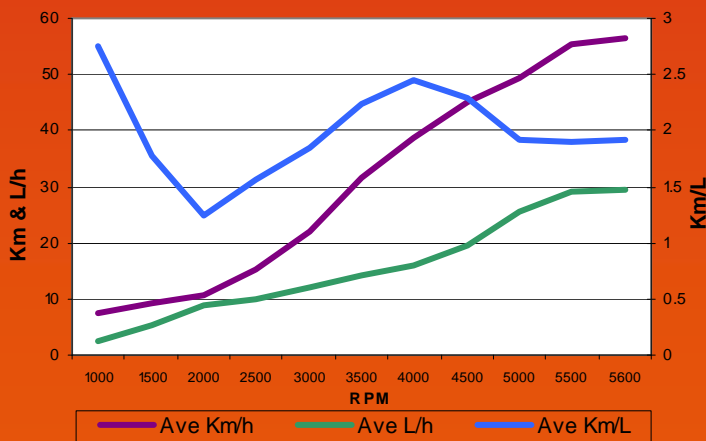
Crew	2
Air Temperature	25° C
Wind Speed	7 Knots
Fuel	20L
Water Temperature	26° C

TEST PERFORMANCE SUMMARY

Max Ave Speed	56.40 Km/h
Best Cruising Km/L	2.45 Km/L @ 4000 rpm
Acceleration 0 - 50Km/h	8.8 Seconds

Performance Data

RPM	Ave Km/h	Ave L/h	Ave Km/L
1000	7.30	2.65	2.75
1500	9.35	5.25	1.78
2000	10.75	8.70	1.24
2500	15.40	9.85	1.56
3000	22.00	11.90	1.85
3500	31.75	14.20	2.24
4000	38.75	15.80	2.45
4500	45.15	19.70	2.29
5000	49.45	25.70	1.92
5500	55.40	29.05	1.90
5600	56.40	29.35	1.92



Test Performed by certified Yamaha Technicians

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.