

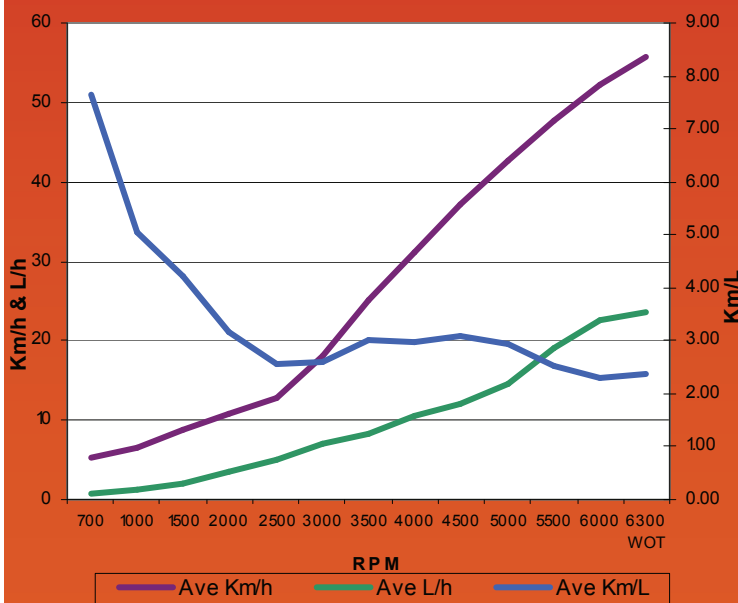
Performance Bulletin

Test Date: 2nd June 2011



Performance Data

RPM	Ave Km/h	Ave L/h	Ave Km/L
700	5.35	0.70	7.64
1000	6.55	1.30	5.04
1500	8.85	2.10	4.21
2000	10.85	3.45	3.14
2500	12.85	5.05	2.54
3000	18.20	7.00	2.60
3500	25.00	8.25	3.03
4000	31.15	10.45	2.98
4500	37.20	12.10	3.07
5000	42.60	14.45	2.95
5500	47.70	19.00	2.51
6000	52.20	22.55	2.31
6300 WOT	55.85	23.55	2.37



Test Performed by certified Yamaha Technicians

Boat Manufactured by:

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

HORIZON 5.25 SCORPION CUDDY CABIN

Length (LOA)	5.35M
Beam	2.20M
Dry Weight	400KGS
Max Hp	90HP
Fuel Capacity	110L
Weight as Tested (approximate)	830KGS

F70AETL/11

Horsepower	51.5kW (70ps) @ 5800rpm
Engine Type	16-Valve SOHC In-Line 4 Cylinder 996cm ³
Weight	119kg
Gear Ratio	2.33 (28/12)
Mounting Height	2nd Hole

PROPELLER

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

TEST CONDITIONS

Crew	2
Air Temperature	19.2°C
Wind Speed	>10 Knots
Fuel	100L
Water Temperature	23.2°C

TEST PERFORMANCE SUMMARY

Max Ave Speed	55.85Km/h or 30.10Knots
Best Cruising Km/L	3.07Km/L @ 4500rpm
Range, Based on 95% Fuel Capacity at Best Km/L	321 Kilometres
Time From Idle to Max Km/h	15.4 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.