

Performance Bulletin

Test Date: 18th October 2011



NOOSA CAT 3000 SPORTSMAN

Length (LOA)	8.31m
Beam Including GW	2.50m
Dry Weight	1,700kg
Max Hp	500hp
Fuel Capacity	600L
Weight as Tested (approximate)	3,300 kg

F225FETX/11

Horsepower	167.8 kW (250ps) @ 5500rpm
Engine Type	24-Valve 4.2 Litre 60° V6
Weight	253kg
Gear Ratio	1.75 (12/21)
Mounting Height	2nd Hole

PROPELLER

Series	Saltwater T Series w/SDS
Diameter/ Pitch	15¼ x 19"
Part Number	6CE-45970-00

TEST CONDITIONS

Crew	5
Air Temperature	21.1° C
Wind Speed	>20 Knots
Fuel	200L
Water Temperature	22.5° C

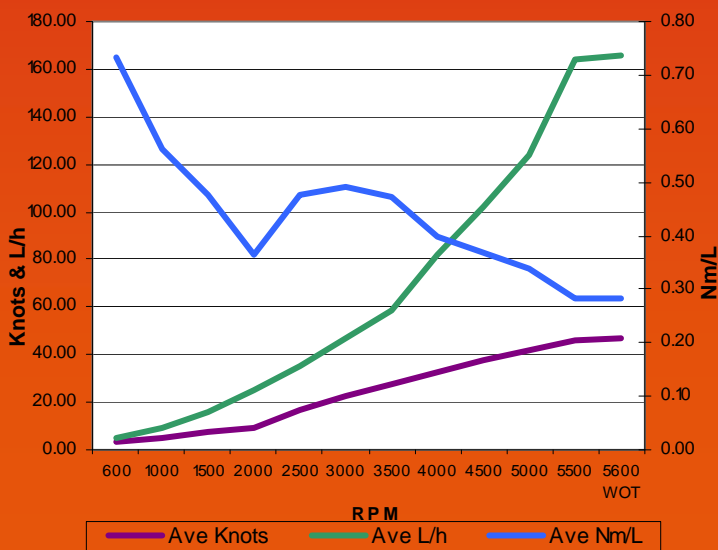
TEST PERFORMANCE SUMMARY

Max Average Speed	86.90 Km/h or 46.90 Knots
Best Cruising Km/L	0.49 Nm/L @ 3000rpm
Range, Based on 95% Fuel Capacity at Best Nm/L	279 Nm
7% Prop Slip at 5600 PRM	

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.

Performance Data

RPM	Ave Knots	Ave L/h	Ave Nm/L
600	3.60	4.90	0.73
1000	5.40	9.60	0.56
1500	7.60	16.00	0.48
2000	9.10	25.00	0.36
2500	16.90	35.50	0.48
3000	22.80	46.50	0.49
3500	27.90	58.90	0.47
4000	32.90	82.30	0.40
4500	37.60	101.80	0.37
5000	42.00	123.60	0.34
5500	46.30	164.10	0.28
5600	46.90	165.70	0.28



Test Performed by certified Yamaha Technicians

Boat Manufactured by:

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