

# Performance Bulletin

Test Date: 19th February 2015



**F130XA**

## CRUISECRAFT EXPLORER 575

Length (LOA)	6.10M
Beam	2.37M
Dry Weight	1,034KGS
Max Hp	150HP
Fuel Capacity	160L
Weight as Tested (approximate)	1,600KGS

## F130XA

Horsepower	95.6kW (130ps) @ 6300rpm
Engine Type	16-Valve DOHC, In-Line 4cyl
Weight	178kg
Gear Ratio	2.15 (28/13)
Mounting Height	# 2

## PROPELLER

Series	Polished K Series w/ SDS
Diameter/ Pitch	13 $\frac{1}{8}$ x 16"
Part Number	6N7-45972-00

## TEST CONDITIONS

Crew	2
Air Temperature	24.1°C
Wind Speed	South East 6 Knots
Fuel	160L
Conditions	Slight Chop

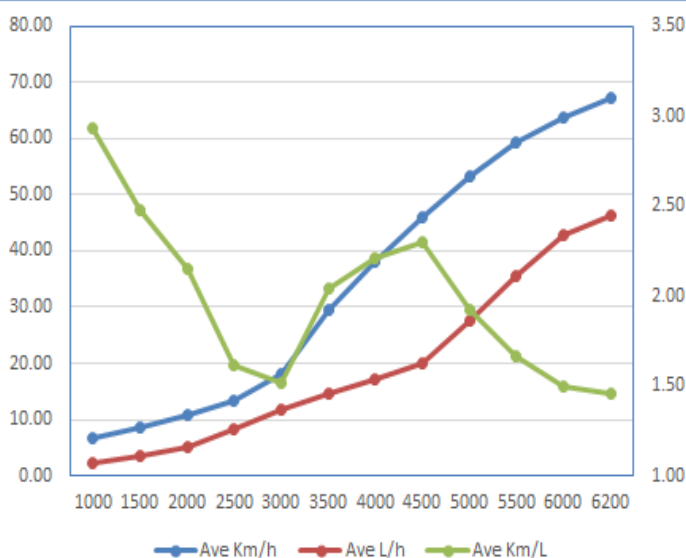
## TEST PERFORMANCE SUMMARY

Max Ave Speed	67.25Km/h or 36.25Knots
Best Cruising Km/L	2.30Km/L @ 4500rpm
Range, Based on 95% Fuel Capacity at Best Km/L	349 Kilometres
0 - 40 Km/h	7.25 Seconds (46.10)

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 Km/h	Ave L/h	Ave Km/L
1000	6.60	2.25	2.93
1500	8.55	3.45	2.48
2000	10.65	4.95	2.15
2500	13.45	8.35	1.61
3000	18.00	11.85	1.52
3500	29.65	14.55	2.04
4000	38.05	17.20	2.21
<b>4500</b>	<b>46.05</b>	<b>20.05</b>	<b>2.30</b>
5000	53.30	27.70	1.92
5500	59.30	35.55	1.67
6000	63.85	42.75	1.49
6200	67.25	46.25	1.45



Test Performed by certified Yamaha Technicians

Boat Manufactured by:

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