

# Performance Bulletin

Test Date: 12th March 2014



**F175XA**

## CruiseCraft Explorer 625HT (Hard Top)

Length (LOA)	6.25M
Beam	2.45M
Hull Weight inc Fittings	1,375KGS
Max Hp	200HP
Fuel Capacity	240L
Weight as Tested (approximate)	2,040KGS

## F175XA

Horsepower	147.1kW (200ps) @ 5500rpm
Engine Type	Four-Stroke, 16-Valve, DOHC, In-Line 4 Cylinder
Weight	225kg
Gear Ratio	1.86 (26/14)
Mounting Height	Mount Hole # 2

## PROPELLER

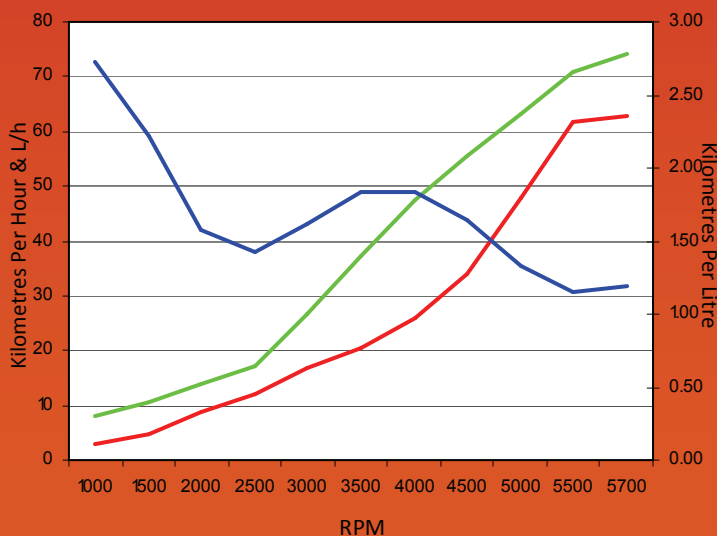
Series	M Series Polished Reliance
Diameter/ Pitch	14" x 17"
Part Number	68G-45972-10

## TEST CONDITIONS

Crew	2
Air Temperature	26.4°C
Wind Direction & Speed	ESE 5.0 Knots
Test Location	QLD — Brisbane River
Weather	Cloudy & Isolated Showers

## Performance Data

RPM	Ave Km/h	Ave L/h	Econ Km/L
600	4.00	1.40	2.86
1000	7.90	2.90	2.72
1500	10.75	4.85	2.22
2000	13.80	8.75	1.58
2500	17.25	12.10	1.43
3000	26.80	16.65	1.61
3500	37.40	20.40	1.83
<b>4000</b>	<b>47.65</b>	<b>25.90</b>	<b>1.84</b>
4500	55.70	33.80	1.65
5000	63.30	47.70	1.33
5500	70.85	61.75	1.15
5700	74.30	62.70	1.19



— Ave Km/h — Ave L/h — Econ Km/L

Test Performed by certified Yamaha Technicians

Boat Manufactured by:

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

## TEST PERFORMANCE SUMMARY

Max Ave Speed	74.30Km/h or 40.19Knots
Best Cruising Km/L	1.84 Km/L @ 4000rpm
Range, Based on 95% Fuel Capacity at Best Km/L	420 Kilometres
Approx 9.3hrs run time @ 4000rpm on 240L	

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.