

# Performance Bulletin

Test Date: 30th June 2016



**F225XCA**

## Performance Data

| RPM         | Ave Km/h     | Ave L/h      | Ave Km/L    |
|-------------|--------------|--------------|-------------|
| 1000        | 9.95         | 4.80         | 2.07        |
| 1500        | 13.45        | 8.45         | 1.59        |
| 2000        | 19.25        | 13.45        | 1.43        |
| 2500        | 34.40        | 17.80        | 1.93        |
| <b>3000</b> | <b>44.30</b> | <b>24.20</b> | <b>1.83</b> |
| 3500        | 54.30        | 31.80        | 1.71        |
| 4000        | 63.40        | 42.90        | 1.48        |
| 4500        | 71.10        | 49.15        | 1.45        |
| 5000        | 79.55        | 66.75        | 1.19        |
| 5500        | 86.05        | 77.70        | 1.11        |
| 6000        | 90.45        | 86.65        | 1.04        |



Test Performed by certified Yamaha Technicians

Boat Manufactured by:

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

## CRUISE CRAFT R6

|                                |         |
|--------------------------------|---------|
| Length (LOA)                   | 6.095M  |
| Beam                           | 2.45M   |
| Dry Weight                     | 912KGS  |
| Max Hp                         | 225HP   |
| Fuel Capacity                  | 160L    |
| Weight as Tested (approximate) | 1500KGS |

## F225XCA

|                 |                           |
|-----------------|---------------------------|
| Horsepower      | 165.5kW (225ps) @ 5500rpm |
| Engine Type     | 24-Valve 4.2 Litre V6     |
| Weight          | 260kg                     |
| Gear Ratio      | 1.75 (21/12)              |
| Mounting Height | # 1 Hole                  |

## PROPELLER

|                 |                              |
|-----------------|------------------------------|
| Series          | Saltwater II Stainless W/SDS |
| Diameter/ Pitch | 15½ x 19"                    |
| Part Number     | 6CE-45970-10                 |

## TEST CONDITIONS

|                 |             |
|-----------------|-------------|
| Crew            | 2           |
| Air Temperature | 19.8°C      |
| Wind Speed      | <10 Knots   |
| Fuel            | 160L        |
| Conditions      | Flat -Tidal |

## TEST PERFORMANCE SUMMARY

|  |                         |
|--|-------------------------|
| Max Ave Speed                                  | 90.45Km/h or 48.75Knots |
| Best Cruising Km/L                             | 1.83Km/L @ 3000rpm      |
| Range, Based on 95% Fuel Capacity at Best Km/L | 277 Kilometres          |
| 0 - 40 Km/h                                    | 3.28 Seconds (19.55M)   |

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.