

# Performance Bulletin

Test Date: 14th August 2017



**F115XB**

## NOOSA CAT 2400

|                                |          |
|--------------------------------|----------|
| Length (LOA)                   | 7.50M    |
| Beam                           | 2.50M    |
| Dry Weight                     | 1,506KGS |
| Max Hp                         | 400HP    |
| Fuel Capacity                  | 450L     |
| Weight as Tested (approximate) | 2,492KGS |

## F115XB

|                 |                          |
|-----------------|--------------------------|
| Displacement    | 1.8L                     |
| Engine Type     | 16-Valve DOHC, In-Line 4 |
| Weight          | 179kg                    |
| Gear Ratio      | 2.15 (28/13)             |
| Mounting Height | # 3 Hole                 |

## PROPELLER

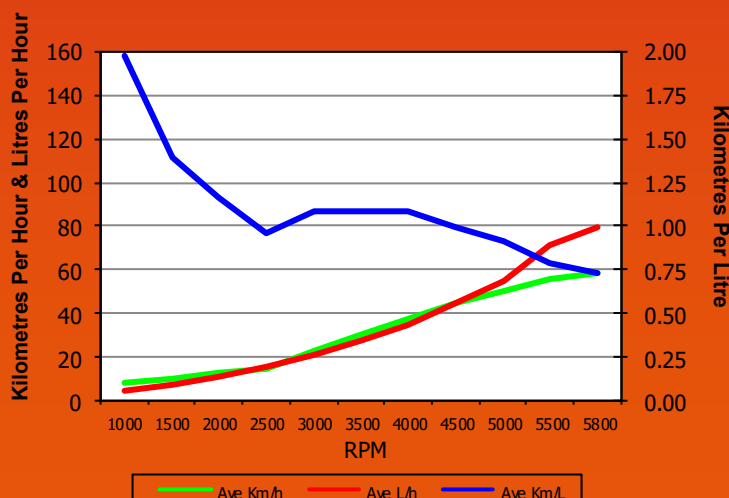
|                 |                       |
|-----------------|-----------------------|
| Series          | Polished SST W/ SDS   |
| Diameter/ Pitch | 13 $\frac{3}{8}$ x 16 |
| Part Number     | 6N7/6N4-45972-00      |

## TEST CONDITIONS

|                 |                      |
|-----------------|----------------------|
| Crew            | 2                    |
| Air Temperature | 22.0°C               |
| Wind Speed      | <8 Knots             |
| Fuel            | 80L                  |
| Conditions      | Sm. Swell / offshore |

## Performance Data

| RPM         | Ave Km/h     | Ave L/h      | Ave Km/L    |
|-------------|--------------|--------------|-------------|
| 1000        | 7.80         | 3.95         | 1.97        |
| 1500        | 9.65         | 6.90         | 1.40        |
| 2000        | 12.55        | 10.80        | 1.16        |
| 2500        | 14.85        | 15.50        | 0.96        |
| 3000        | 22.55        | 20.75        | 1.09        |
| <b>3500</b> | <b>29.95</b> | <b>27.50</b> | <b>1.09</b> |
| 4000        | 37.75        | 34.90        | 1.08        |
| 4500        | 44.35        | 44.45        | 1.00        |
| 5000        | 49.90        | 54.45        | 0.92        |
| 5500        | 56.10        | 70.85        | 0.79        |
| 5800        | 58.75        | 79.85        | 0.74        |



Test Performed by certified Yamaha Technicians

Boat Manufactured by:

<http://noosacat.com.au>

## TEST PERFORMANCE SUMMARY

|  |                         |
|--|-------------------------|
| Max Ave Speed                                  | 58.75Km/h or 31.67Knots |
| Best Cruising Km/L                             | 1.09Km/L @ 3500rpm      |
| Range, Based on 95% Fuel Capacity at Best Km/L | 466 Kilometres          |
| 0 - 40 Km/h                                    | 6.21 Seconds (41.78M)   |

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.