

# Performance Bulletin

Test Date: 6th June 2017



**F90 XB**

## BAYSPORT 545 SPORTS

|                                |         |
|--------------------------------|---------|
| Length (LOA)                   | 5.45M   |
| Beam                           | 2.3M    |
| Dry Weight                     | 650KGS  |
| Max Hp                         | 130HP   |
| Fuel Capacity                  | 100L    |
| Weight as Tested (approximate) | 1088KGS |

## F90XB

|                 |                          |
|-----------------|--------------------------|
| Displacement    | 1.8L                     |
| Engine Type     | 16-Valve SOHC, In-Line 4 |
| Weight          | 166kg                    |
| Gear Ratio      | 2.15 (28/13)             |
| Mounting Height | # 2 Hole                 |

## PROPELLER

|                 |                |
|-----------------|----------------|
| Series          | GP Alloy w/SDS |
| Diameter/ Pitch | 13½ x 15"      |
| Part Number     | 6FP-45943-00   |

## TEST CONDITIONS

|                 |             |
|-----------------|-------------|
| Crew            | 2           |
| Air Temperature | 11.3°C      |
| Wind Speed      | <2 Knots    |
| Fuel            | 50L         |
| Conditions      | Flat & Calm |

## Performance Data

| RPM         | Ave Km/h     | Ave L/h      | Ave Km/L    |
|-------------|--------------|--------------|-------------|
| 1000        | 6.50         | 1.70         | 3.82        |
| 1500        | 9.35         | 2.85         | 3.28        |
| 2000        | 11.50        | 4.10         | 2.80        |
| 2500        | 12.95        | 6.85         | 1.89        |
| 3000        | 16.30        | 9.75         | 1.67        |
| 3500        | 32.65        | 12.40        | 2.63        |
| <b>4000</b> | <b>38.40</b> | <b>12.35</b> | <b>3.11</b> |
| 4500        | 43.95        | 16.60        | 2.65        |
| 5000        | 49.65        | 20.05        | 2.48        |
| 5500        | 54.80        | 25.75        | 2.13        |
| 6000        | 61.40        | 39.00        | 1.57        |



Test Performed by certified Yamaha Technicians

Boat Manufactured by:  
[baysportboats.com.au](http://baysportboats.com.au)

## TEST PERFORMANCE SUMMARY

|  |                         |
|--|-------------------------|
| Max Ave Speed                                  | 61.40Km/h or 33.09Knots |
| Best Cruising Km/L                             | 3.11Km/L @ 4000rpm      |
| Range, Based on 95% Fuel Capacity at Best Km/L | 295 Kilometres          |
| 0 - 40 Km/h                                    | 5.77 Seconds (37.52M)   |

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.