

# Performance Bulletin

Test Date: 21st December 2016



**F90**

## Performance Data

RPM	Ave Km/h	Ave L/h	Ave Km/L
600	4.95	1.25	3.96
1000	6.90	1.80	3.83
1500	9.30	3.10	3.00
2000	11.10	4.20	2.64
2500	13.80	6.95	1.99
3000	27.50	8.60	3.20
<b>3500</b>	<b>35.75</b>	<b>10.80</b>	<b>3.31</b>
4000	43.05	14.10	3.05
4500	49.00	17.25	2.84
5000	55.20	21.90	2.52
5500	59.05	26.70	2.21
5900	62.70	36.95	1.70



Test Performed by certified Yamaha Technicians

Boat Manufactured by:

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

## QUINTREX 490 CRUISEABOUT

Length (LOA)	5.2M
Beam	2.25M
Dry Weight	525KGS
Max Hp	90HP
Fuel Capacity	70L
Weight as Tested (approximate)	962KGS

## F90LB

Horsepower	66.2kW (90ps) @ 5500rpm
Engine Type	16-Valve SOHC, In-Line 4
Weight	162kg
Gear Ratio	2.15 (28/13)
Mounting Height	# 2 Hole

## PROPELLER

Series	Polished SST w/SDS
Diameter/ Pitch	13 1/4 x 16"
Part Number	6N7-45972-00

## TEST CONDITIONS

Crew	2
Air Temperature	30.6°C
Wind Speed	<10 Knots
Fuel	70L
Conditions	Flat in non tidal river

## TEST PERFORMANCE SUMMARY

Max Ave Speed	62.70Km/h or 33.8 Knots
Best Cruising Km/L	3.31Km/L @ 3500rpm
Range, Based on 95% Fuel Capacity at Best Km/L	220 Kilometres
0 - 40 Km/h	4.66 Seconds (27.36M)

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.