

Performance Bulletin

Test Date: 17th July 2017



F90 LB

QUINTREX 510 FRONTIER

Length (LOA)	5.19M
Beam	2.3M
Dry Weight	592KGS
Max Hp	115HP
Fuel Capacity	85L
Weight as Tested (approximate)	1026KGS

F90LB

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	13¼ x 16"
Part Number	6FP-45945-00

TEST CONDITIONS

Crew	2
Air Temperature	15.6°C
Wind Speed	<10 Knots
Fuel	30L
Conditions	Light Chop

Performance Data

RPM	Ave Km/h	Ave L/h	Ave Km/L
1000	6.65	1.90	3.50
1500	8.90	3.20	2.78
2000	10.85	4.60	2.36
2500	12.30	7.40	1.66
3000	27.70	8.50	3.26
3500	34.65	11.00	3.15
4000	41.30	13.60	3.04
4500	48.20	17.10	2.82
5000	53.75	20.80	2.58
5500	60.00	30.20	1.99
5900	64.40	38.40	1.68



Test Performed by certified Yamaha Technicians

Boat Manufactured by:
quintrex.com.au

TEST PERFORMANCE SUMMARY

Max Ave Speed	64.40Km/h or 38.04Knots
Best Cruising Km/L	3.26Km/L @ 3000rpm
Range, Based on 95% Fuel Capacity at Best Km/L	263 Kilometres
0 - 40 Km/h	4.54 Seconds (29.35M)

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.