

# Performance Bulletin

Test Date: 1st September 2016



## Performance Data

RPM	Ave Km/h	Ave L/h	Ave Km/L
1000	8.15	3.10	2.63
1500	10.80	5.10	2.12
2000	12.80	9.00	1.42
2500	15.65	12.95	1.21
3000	27.40	17.25	1.59
<b>3500</b>	<b>37.60</b>	<b>21.20</b>	<b>1.77</b>
4000	46.65	26.85	1.74
4500	54.15	34.40	1.57
5000	61.90	48.75	1.27
5500	68.95	62.60	1.10



Test Performed by certified Yamaha Technicians

Boat Manufactured by:

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

## SEA JAY 630HT TROJAN

Length (LOA)	6.65M
Beam	2.48M
Dry Weight	1100KGS
Max Hp	200HP
Fuel Capacity	230L
Weight as Tested (approximate)	1579KGS

## F175XA

Horsepower	128.7kW (175ps) @ 5500rpm
Engine Type	16-Valve DOHC, In-Line 4
Weight	225kg
Gear Ratio	1.86 (26/14)
Mounting Height	# 2 Hole

## PROPELLER

Series	Reliance Polished SST W/SDS
Diameter/ Pitch	14½ x 17"
Part Number	68F-45972-00

## TEST CONDITIONS

Crew	2
Air Temperature	23.0°C
Wind Speed	<6 Knots
Fuel	80L
Conditions	Flat in non tidal river

## TEST PERFORMANCE SUMMARY

Max Ave Speed	68.95Km/h or 37.16Knots
Best Cruising Km/L	1.77Km/L @ 3500rpm
Range, Based on 95% Fuel Capacity at Best Km/L	388 Kilometres
0 - 40 Km/h	5.99 Seconds (35.17M)

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.