

Performance Bulletin

Test Date: 2nd May 2017



F175XA

SURTEES 650 GAMEFISHER

Length (LOA)	6.5M
Beam	2.375M
Dry Weight	880KGS
Max Hp	175HP
Fuel Capacity	200L
Weight as Tested (approximate)	1420KGS

F175XA

Displacement	2.8L
Engine Type	16-Valve DOHC, In-Line 4
Weight	225kg
Gear Ratio	1.86 (26/14)
Mounting Height	# 4 Hole

PROPELLER

Series	Reliance M Series W/SDS
Diameter/ Pitch	14½ x 15"
Part Number	68F-45970-00

TEST CONDITIONS

Crew	2
Air Temperature	23.7°C
Wind Speed	<3 Knots
Fuel	100L
Conditions	Very light chop

Performance Data

RPM	Ave Km/h	Ave L/h	Ave Km/L
1000	8.10	3.05	2.66
1500	11.00	5.05	2.18
2000	13.25	8.70	1.52
2500	18.00	12.10	1.49
3000	29.15	16.25	1.79
3500	38.55	21.20	1.82
4000	45.50	26.45	1.72
4500	52.00	33.45	1.55
5000	58.30	46.50	1.25
5500	64.75	59.75	1.08
5700	67.80	63.45	1.07



Test Performed by certified Yamaha Technicians

Boat Manufactured by:
surteesboats.com

TEST PERFORMANCE SUMMARY

Max Ave Speed	67.8Km/h 36.54Knots
Best Cruising Km/L	1.82Km/L @ 3500rpm
Range, Based on 95% Fuel Capacity at Best Km/L	345 Kilometres
0 - 40 Km/h	5.59 Seconds (36.0M)

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.