

Performance Bulletin

Test Date: 25th March 2019



F150

SURTEES 650 GAME FISHER

Length (LOA)	6.5M
Beam	2.375M
Dry Weight	880KGS
Max Hp	175HP
Fuel Capacity	200L
Weight as Tested (approximate)	1492KGS

F150XB

Displacement	2.7L
Engine Type	16-Valve DOHC, In-Line 4
Weight	228kg
Gear Ratio	2.00 (28/14)
Mounting Height	# 3 Hole

PROPELLER

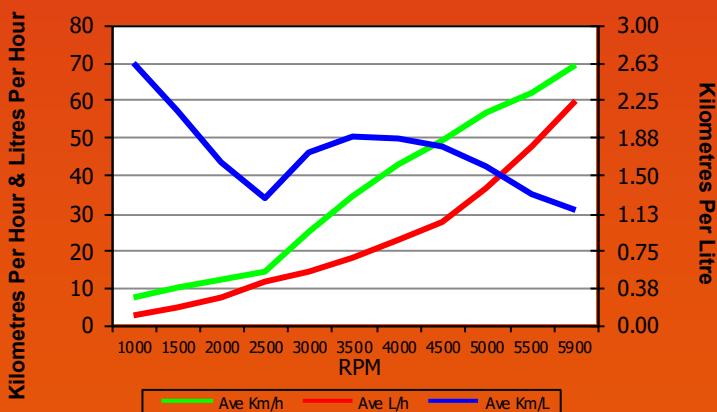
Series	Reliance M Series W/SDS
Diameter/ Pitch	14¼ x 15"
Part Number	68F-45970-20

TEST CONDITIONS

Crew	2
Air Temperature	28.1°C
Wind Speed	16 Knots
Fuel	190L
Conditions	Light Chop

Performance Data

RPM	Ave Km/h	Ave L/h	Ave Km/L
1000	7.35	2.80	2.63
1500	10.25	4.80	2.14
2000	12.15	7.50	1.62
2500	14.50	11.50	1.26
3000	24.80	14.45	1.72
3500	34.00	18.15	1.87
4000	42.45	22.95	1.85
4500	49.20	27.80	1.77
5000	56.55	36.00	1.57
5500	61.75	47.55	1.30
5900	69.50	59.75	1.16



Test Performed by certified Yamaha Technicians

Boat Manufactured by:
surteesboats.com

TEST PERFORMANCE SUMMARY

Max Ave Speed	69.50Km/h or 37.46Knots
Best Cruising Km/L	1.87Km/L @ 3500rpm
Range, Based on 95% Fuel Capacity at Best Km/L	356 Kilometres
0 - 40 Km/h	5.09 seconds (28.81m)

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.