



Performance Bulletin

Test Date: 15th March 2019



POLYCRAFT 599 FRONTIER

Length (LOA)	6.10M
Beam	2.50M
Dry Weight	1040 KGS
Max Hp	175HP
Fuel Capacity	200L
Weight as Tested (approximate)	1528 KGS

F150XB

Displacement	2.7L
Engine Type	16-Valve DOHC, In-Line 4
Weight	227kg
Gear Ratio	2.15 (28/13)
Mounting Height	# 2 Hole

PROPELLER

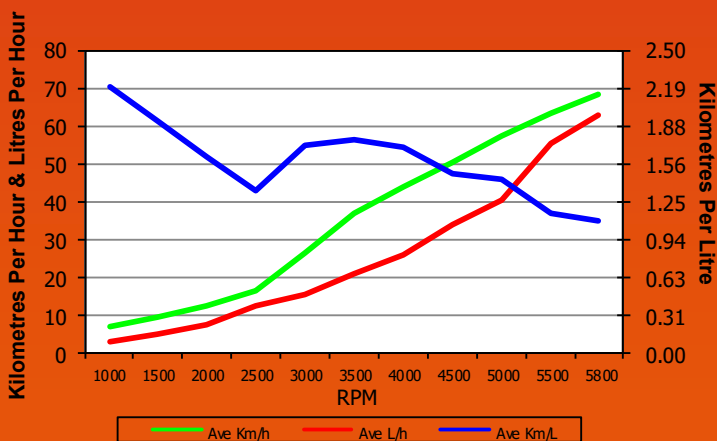
Series	Reliance SST w/SDS
Diameter/ Pitch	14¼ x 17"
Part Number	68F-45972-20

TEST CONDITIONS

Crew	2
Air Temperature	26.1°C
Wind Speed	<10 Knots
Fuel	80L
Conditions	Flat & Calm

Performance Data

RPM	Ave Km/h	Ave L/h	Ave Km/L
1000	6.70	3.05	2.20
1500	9.40	4.90	1.92
2000	12.25	7.55	1.62
2500	16.35	12.20	1.34
3000	26.25	15.35	1.71
3500	36.70	20.90	1.76
4000	43.95	25.90	1.70
4500	50.15	33.75	1.49
5000	57.45	40.25	1.43
5500	63.20	55.15	1.15
5800	68.25	63.00	1.08



Test Performed by certified Yamaha Technicians

Boat Manufactured by:
www.polycraft.com.au

TEST PERFORMANCE SUMMARY

Max Ave Speed	68.25Km/h or 36.79Knots
Best Cruising Km/L	1.76Km/L @ 3500rpm
Range, Based on 95% Fuel Capacity at Best Km/L	334 Kilometres
0 - 40 Km/h	5.06 Seconds (31.47M)

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.