



# Performance Bulletin

Test Date: 8th November 2019



## BAR CRUSHER 585 HT

Length (LOA)	5.85M
Beam	2.15M
Dry Weight	870KGS
Max Hp	140HP
Fuel Capacity	160L
Weight as Tested (approximate)	1,421KGS

## F130XA

Displacement	1.8L
Engine Type	16-Valve DOHC, In-Line 4
Weight	180kg
Gear Ratio	2.15 (28/13)
Mounting Height	# 1 Hole

## PROPELLER

Series	6FP 'GP' Alloy w/SDS
Diameter/ Pitch	13 1/4 x 16"
Part Number	6FP-45945-00

## TEST CONDITIONS

Crew	2
Air Temperature	27.2°C
Wind Speed	<15 Knots
Fuel	70L
Conditions	Flat & Calm

## TEST PERFORMANCE SUMMARY

Max Ave Speed	64.15Km/h or 34.58Knots
Best Cruising Km/L	2.43Km/L @ 3500rpm
Range, Based on 95% Fuel Capacity at Best Km/L	369 Kilometres
0 - 40 Km/h	7.35 Seconds (45.61M)

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.

## Performance Data

RPM	Ave Km/h	Ave L/h	Ave Km/L
1000	6.95	2.50	2.78
1500	9.35	3.55	2.63
2000	11.20	4.85	2.31
2500	12.85	8.15	1.58
3000	20.35	10.65	1.91
<b>3500</b>	<b>30.45</b>	<b>12.55</b>	<b>2.43</b>
4000	37.80	16.25	2.33
4500	43.05	19.15	2.25
5000	50.15	25.80	1.94
5500	56.10	35.35	1.59
6000	60.50	43.60	1.39
6300	64.15	46.50	1.38



Test Performed by certified Yamaha Technicians

Boat Manufactured by:  
[barcrusher.com.au](http://barcrusher.com.au)