

# Performance Bulletin

Test Date: 30th July 2015



## BARCRUSHER 575C GEN2

Length (LOA)	5.75M
Beam	2.15M
Dry Weight	613KGS
Max Hp	115HP
Fuel Capacity	110L
Weight as Tested (approximate)	1,048KGS

## F115XB

Horsepower	84.6kW (115ps) @ 5800rpm
Engine Type	16-Valve, DOHC, In-line 4cylinder
Weight	185kg
Gear Ratio	2.15 (28/13)
Mounting Height	# 2

## PROPELLER

Series	K Series Polished TALON S-Steel
Diameter/ Pitch	13 $\frac{1}{2}$ x 16"
Part Number	6N7-45972-00

## TEST CONDITIONS

Crew	2
Air Temperature	15.2°C
Wind Speed	<5 Knots
Fuel	60L
Conditions	Flat, Open Water

## TEST PERFORMANCE SUMMARY

Max Ave Speed	65.80Km/h or 35.47Knots
Best Cruising Km/L	2.51Km/L @ 3500rpm
Range, Based on 95% Fuel Capacity at Best Km/L	262 Kilometers
0 - 40 Km/h	6.05 Seconds (34.15M)

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	6.90	1.80	3.83
1500	9.45	3.45	2.74
2000	11.40	5.35	2.13
2500	13.50	8.00	1.69
3000	24.20	10.40	2.33
<b>3500</b>	<b>33.40</b>	<b>13.30</b>	<b>2.51</b>
4000	41.70	17.10	2.44
4500	46.65	21.20	2.20
5000	53.75	26.15	2.06
5500	59.70	34.00	1.76
6000	65.80	40.70	1.62



Test Performed by certified Yamaha Technicians

Boat Manufactured by:

<https://www.barcrusher.com.au/>