

# Performance Bulletin

Test Date: 8th May 2013



**F200FETX**

## BarCrusher 780HT

Length (LOA)	7.80M
Beam	2.47M
Hull Weight inc Fittings	1,500KGS
Max Hp	300HP
Fuel Capacity	320L
Weight as Tested (approximate)	2,454KGS

## F200FETX

Horsepower	147.1kW (200ps) @ 5500rpm
Engine Type	16-Valve DOHC In-Line 4cylinder
Weight	227kg
Gear Ratio	1.86 (26/14)
Mounting Height	Mount Hole # 2

## PROPELLER

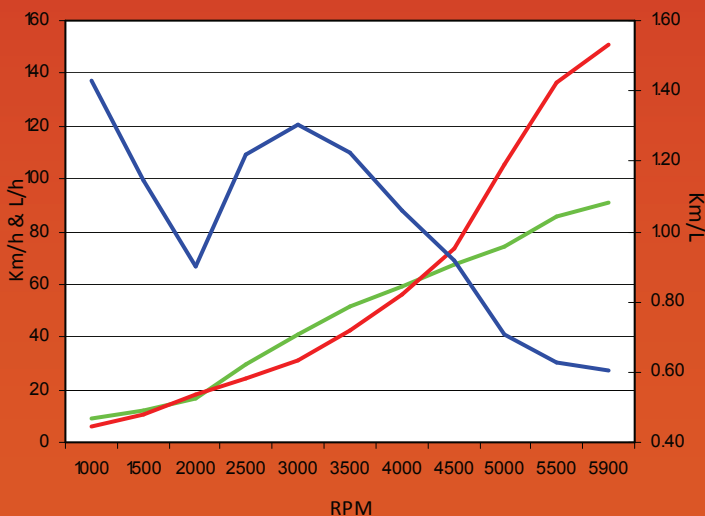
Series	Reliance SDS Polished
Diameter/ Pitch	14¼ x 19"
Part Number	68F-45974-10

## TEST CONDITIONS

Crew	2
Air / Water Temperature	15.1°C / 10.0°C
Wind Direction & Speed	ESE 11 Knots
Test Location	Inglis River Nth West Tasmania
Weather	Partly Cloudy

## Performance Data

RPM	Ave Km/h	Ave L/h	Ave Km/L
600	6.20	3.30	1.88
1000	8.95	6.25	1.43
1500	12.30	10.75	1.14
2000	16.70	18.55	0.90
2500	29.40	24.10	1.22
<b>3000</b>	<b>40.70</b>	<b>31.25</b>	<b>1.30</b>
3500	51.85	42.30	1.23
4000	59.15	55.95	1.06
4500	67.85	73.75	0.92
5000	74.25	105.40	0.70
5500	85.60	136.45	0.63
5900	90.70	150.65	0.60



— Ave Km/h — Ave L/h — Ave Km/L

Test Performed by certified Yamaha Technicians

Boat Manufactured by:

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

## TEST PERFORMANCE SUMMARY

Max Ave Speed	90.70Km/h or 48.90Knots
Best Cruising Km/L	1.30Km/L @ 3000rpm
Range, Based on 95% Fuel Capacity at Best Km/L	396 Kilometres
Seconds 0 - 50 Km/h	4.67 Seconds

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.