

# Performance Bulletin

Test Date: 27th May 2019



## BARCRUSHER 670c

Length (LOA)	6.5M
Beam	2.375M
Dry Weight	920KGS
Max Hp	200HP
Fuel Capacity	190L
Weight as Tested (approximate)	1446KGS

## F175XA

Displacement	2.8L
Engine Type	16-Valve DOHC, In-Line 4
Weight	225kg
Gear Ratio	1.86 (26/14)
Mounting Height	# 3 Hole

## PROPELLER

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

## TEST CONDITIONS

Crew	2
Air Temperature	19.2°C
Wind Speed	<3 Knots
Fuel	95L
Conditions	Flat and Calm

## Performance Data

RPM	Ave Km/h	Ave L/h	Ave Km/L
1000	7.70	3.40	2.26
1500	9.75	5.45	1.79
2000	11.00	9.25	1.19
2500	25.30	11.65	2.17
<b>3000</b>	<b>33.35</b>	<b>15.40</b>	<b>2.17</b>
3500	43.00	20.65	2.08
4000	49.95	25.70	1.94
4500	56.60	32.85	1.72
5000	65.00	46.80	1.39
5500	71.80	61.85	1.16
5800	75.15	64.95	1.16



Test Performed by certified Yamaha Technicians

Boat Manufactured by:

[www.barcrusher.com.au/](http://www.barcrusher.com.au/)

## TEST PERFORMANCE SUMMARY

Max Ave Speed	75.15Km/h 40.51Knots
Best Cruising Km/L	2.17Km/L @ 3000rpm
Range, Based on 95% Fuel Capacity at Best Km/L	391 Kilometres
0 - 40 Km/h	5.18 Seconds (27.25M)

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.