



Performance Bulletin

Test Date: 17th March 2015



F200XCA

AUSTRALIAN MASTER MARINE 7800

Length (LOA)	7.80M
Beam	2.50M
Dry Weight	2,600KGS
Max Hp	400HP
Fuel Capacity	750L
Weight as Tested (approximate)	3,876KGS

F200XCA

Horsepower	147.1kW (200ps) @ 5500rpm
Engine Type	16-Valve DOHC Direct Action In-Line 4cyl w/ VCT
Weight	228kg
Gear Ratio	1.86 (26/14)
Mounting Height	# 2 Hole

PROPELLER

Series	S-Steel Polished Reliance
Diameter/ Pitch	14 1/4 x 17"
Part Number	68F-45972-10

TEST CONDITIONS

Crew	4
Air Temperature	26.6°C
Wind Speed	<10 Knots
Fuel	150L
Water Temperature	26.3°C

TEST PERFORMANCE SUMMARY

Max Ave Speed	76.05Km/h or 40.99Knots
Best Cruising Km/L	0.99Km/L @ 3500rpm
Range, Based on 95% Fuel Capacity at Best Km/L	702 Kilometres
0 - 40 Km/h	5.42 Seconds (33.63M)

Performance Data

RPM	Ave Km/h	Ave L/h	Ave Km/L
700	6.65	3.40	1.96
1000	8.15	5.25	1.55
1500	11.55	9.20	1.26
2000	14.30	14.45	0.99
2500	16.35	23.75	0.69
3000	27.75	30.95	0.90
3500	39.40	40.00	0.99
4000	48.75	51.05	0.95
4500	56.90	66.55	0.85
5000	64.15	101.00	0.64
5500	71.10	129.60	0.55
5800	76.05	149.60	0.51

