



DF225 tested on Australian Master Marine 7.0m Tournament

Test conditions

Date:	31/04/2014
Location:	Pine River, QLD
Conditions:	Calm, high tide
Temperature:	26°C
Crew:	2

Test boat: Australian Master Marine 7.0m Tournament

Length:	7.0m
Beam:	2.5m
Dry weight:	1,950kg
Max horsepower:	225hp
Fuel capacity:	300L
Weight as tested:	2,400kg (est)

Outboard: Suzuki DF225

Horsepower:	225hp
Cylinder:	V6
Weight:	263kg
Gear ratio:	2.29:1
Propeller:	Suzuki 16 x 17 3 blade stainless steel

Conclusion

Optimal cruise speed:	41.1km/h (23.8 knots)
Cruise range (approx) based on 95% fuel capacity:	407km
Maximum speed:	67km/h (36 knots)
0-40km/h:	4.28 sec

Suzuki performance figures

RPM	Av km/h	L/hr	Av L/km
650	5.65	1.65	0.3
1000	8.6	2.7	0.35
1500	10.45	5.05	0.5
2000	13.3	7.95	0.6
2500	17.3	12.6	0.75
3000	25.1	17.2	0.7
3500	33.6	23.05	0.7
4000	41.1	26.65	0.7
4500	48.9	37.4	0.8
5000	54.8	46.2	0.85
5500	59.4	56.55	0.95
6000	67	71.8	1.1

Suzuki fuel consumption comparison

