



DF300AP tested on Silver Tiger 10m Flybridge Catamaran

Test conditions

Date:	15/07/2013
Location:	Waitemata Harbour, NZ
Conditions:	10-15 knots winds, slight chop
Temperature:	13°C
Crew:	3

Test boat: Silver Tiger 10m Flybridge Catamaran

Length:	10m
Beam:	4.5m
Dry weight:	4,800kg
Max horsepower:	n/a
Fuel capacity:	700L
Weight as tested:	6,000kg (est)

Outboard: Twin Suzuki DF300AP

Horsepower:	300hp x 2
Cylinder:	V6
Weight:	279kg
Gear ratio:	2.08:1
Propeller:	Suzuki 16 x 17 3 blade stainless steel

Conclusion

Optimal cruise speed:	31.2km/h
Cruise range (approx) based on 95% fuel capacity:	369km
Maximum speed:	75km/h
0-40km/h:	n/a

THE ULTIMATE OUTBOARD MOTOR

Suzuki performance figures

RPM	Av km/h	L/hr	Av L/km
700	5.4	6.2	1.15
1000	7.3	7.25	0.99
1500	10.4	14.15	1.36
2000	13.5	19.05	1.41
2500	15.6	32.1	2.05
3000	21.4	46.05	2.15
3500	31.2	57.4	1.84
4000	39.4	78.35	1.99
4500	49	101.95	2.08
5000	56.7	127.9	2.26
5500	62.6	167	2.67
6000	71.3	200	2.8

Suzuki fuel consumption comparison

