



SUZUKI
MARINE



DF300AP tested on Signature 675F

Test conditions

Date:	27/11/2013
Location:	Brisbane River, QLD
Conditions:	Light chop
Temperature:	30°C
Crew:	3

Test Boat: Signature 675F

Length:	6.89m
Beam:	2.50m
Dry Weight:	1,700kg (est)
Max Horsepower:	300hp
Fuel Capacity:	280L
Weight as tested:	2,300kg (est)

Outboard: Suzuki DF300AP

Horsepower:	300hp
Cylinder:	V6
Weight:	274kg
Gear Ratio:	2.08:1
Propeller:	Suzuki 16 x 18.5 3 blade stainless steel

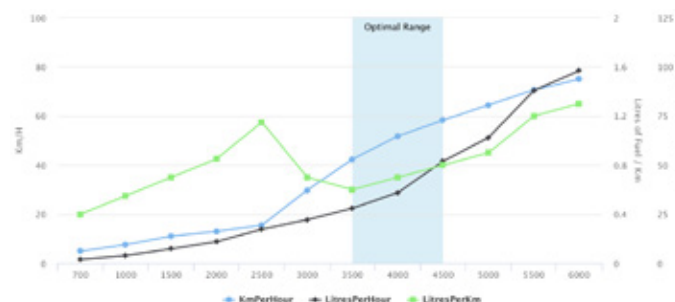
Conclusion

Optimal Cruise Speed:	42.4km/h (22.7 knots)
Cruise Range (Approx) Based on 95% Fuel Capacity:	443km
Maximum Speed:	77km/h
0-40km/h:	n/a

Suzuki performance figures

RPM	Av KM/H	L/Hr	Av L/KM
700	4.9	1.9	0.4
1000	7.6	3.95	0.55
1500	11	7.35	0.7
2000	13	11	0.85
2500	15.5	17.3	1.15
3000	29.8	22.2	0.7
3500	42.4	28	0.6
4000	51.8	36	0.7
4500	58.3	52	0.8
5000	64.5	64	0.9
5500	70.6	88	1.2
6000	75	98	1.3

Suzuki fuel consumption comparison



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