



**SUZUKI**  
**MARINE**



## DF300AP tested on BTB 12m Landing Craft

### Test conditions

<b>Date:</b>	3/08/2013
<b>Location:</b>	Hervey Bay, QLD
<b>Conditions:</b>	1.0m-1.5m swell
<b>Temperature:</b>	24°C
<b>Crew:</b>	5

### Test Boat: BTB 12m Landing Craft

<b>Length:</b>	12.0m
<b>Beam:</b>	4.0m
<b>Dry Weight:</b>	7500kg
<b>Max Horsepower:</b>	900hp
<b>Fuel Capacity:</b>	1000L
<b>Weight as tested:</b>	9500kg

### Outboard: Twin Suzuki DF300AP

<b>Horsepower:</b>	300hp
<b>Cylinder:</b>	V6
<b>Weight:</b>	274kg
<b>Gear Ratio:</b>	2.08:1
<b>Propeller:</b>	Suzuki 16 x 15 3 blade stainless steel

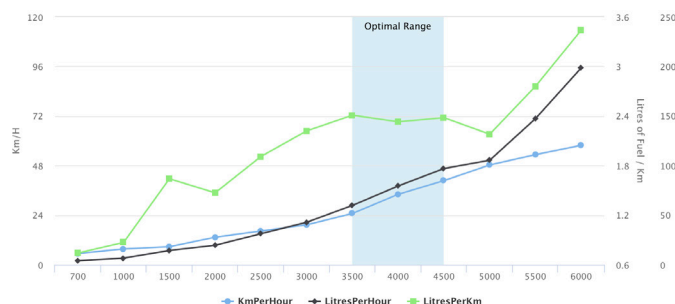
### Conclusion

<b>Optimal Cruise Speed:</b>	34.1km/h (18 knots)
<b>Cruise Range (Approx) Based on 95% Fuel Capacity:</b>	408km
<b>Maximum Speed:</b>	34 knots
<b>0-40km/h:</b>	n/a

### Suzuki performance figures

RPM	Av KM/H	L/Hr	Av L/KM
700	5.4	4	0.74
1000	7.6	6.6	0.87
1500	8.7	14.3	1.64
2000	13.3	19.6	1.47
2500	16.3	31.2	1.91
3000	19.3	42.8	2.22
3500	24.8	59.8	2.41
4000	34.1	79.4	2.33
4500	40.7	97	2.38
5000	48.3	105.4	2.18
5500	53.3	147.4	2.76
6000	57.8	198.6	3.44

### Suzuki fuel consumption comparison



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