



## DF350A PERFORMANCE TEST on Haines Signature 788SF

### Test conditions

<b>Date:</b>	7/09/2017
<b>Location:</b>	Brisbane, QLD
<b>Conditions:</b>	Flat
<b>Temperature:</b>	29°C
<b>Crew:</b>	5

### Test boat: Haines Signature 788SF

<b>Length:</b>	7.88m
<b>Beam:</b>	2.5m
<b>Dry weight:</b>	2,700kg
<b>Max horsepower:</b>	700hp
<b>Fuel capacity:</b>	500L
<b>Weight as tested:</b>	2,700kg

### Outboard: Suzuki DF350ATX x 2

<b>Horsepower:</b>	350hp
<b>Cylinder:</b>	6
<b>Weight:</b>	330kg
<b>Gear ratio:</b>	2.29:1
<b>Propeller:</b>	15.5 x 28.5" 6 blade contra-rotation

### Conclusion

<b>Optimal cruise speed:</b>	59.3km/h
<b>Cruise range (approx) based on 95% fuel capacity:</b>	400km
<b>Maximum speed:</b>	105.09km/h
<b>0-40km/h:</b>	n/a

### Suzuki performance figures

RPM	Av KM/H	L/Hr	Av L/KM
600	8.29	7.7	0.93
1000	10.86	11.25	1.07
1500	13.84	17.25	1.28
2000	18.75	26.25	1.47
2500	28.81	40.7	1.51
3000	48.84	52.65	1.09
3500	59.3	70.15	1.18
4000	70.09	93.45	1.33
4500	78.7	122.45	1.56
5000	89.96	164.65	1.83
5500	98.09	189.05	1.93
6000	104.29	221.2	2.12
6250	105.09	221.55	2.11

### Suzuki fuel consumption comparison

