



DF350A PERFORMANCE TEST on Haines Hunter 233

Test conditions

Date:	30/05/2018
Location:	Port Curtis Gladstone
Conditions:	Bay chop 20knts
Temperature:	26°C
Crew:	3

Test boat: Haines Hunter 233

Length:	7.1m
Beam:	2.4m
Dry weight:	n/a
Max horsepower:	n/a
Fuel capacity:	300L
Weight as tested:	2,300kg

Outboard: Suzuki DF350ATXX

Horsepower:	350hp
Cylinder:	6
Weight:	339
Gear Ratio:	2.29:1
Propeller:	3 x 15 1/2" x 22 1/2"

Conclusion

Optimal cruise speed:	53.7km/h
Cruise range (approx) based on 95% fuel capacity:	376km
Maximum speed:	88.9km/h
0-40km/h:	n/a

Suzuki performance figures

RPM	Av km/h	L/hr	Av L/km
600	4.65	1.75	0.38
1000	9.3	3.5	0.38
1500	13.0	6.6	0.51
2000	14.8	9.6	0.65
2500	22.2	14.4	0.65
3000	35.2	22.8	0.65
3500	42.6	29.9	0.7
4000	53.7	40.6	0.76
4500	63.0	57.8	0.92
5000	72.2	74.1	1.03
5500	77.8	84.0	1.08
6000	85.2	105.8	1.24
6200	88.9	110.4	1.24

Suzuki fuel consumption comparison

