



DF200 PERFORMANCE TEST on Extreme 700 Centre Console

Test conditions

Date:	19/01/2017
Location:	Tauranga NZ
Conditions:	25 knots
Temperature:	20°C
Crew:	2

Test boat: Extreme 700

Length:	7.0m
Beam:	n/a
Dry weight:	1,500kg
Max horsepower:	n/a
Fuel capacity:	200L
Weight as tested:	n/a

Outboard: Suzuki DF200TX

Horsepower:	200hp
Cylinder:	6
Weight:	263kg
Gear ratio:	2.29:1
Propeller:	Suzuki 16" x 18.5" 3 blade stainless steel

Conclusion

Optimal cruise speed:	51km/h
Cruise range (approx) based on 95% fuel capacity:	225km
Maximum speed:	67.5km/h
0-40km/h:	n/a

Suzuki performance figures

RPM	Av km/h	L/hr	Av L/km
700	6.5	1.7	0.31
1000	9	2.7	0.33
1500	10	5.7	0.62
2000	13	8.7	0.7
2500	15	16.1	1.13
3000	20	23	1.16
3500	32.45	26.45	0.82
4000	38.25	36.35	0.96
4500	51	43.1	0.85
5000	59	52.55	0.89
5500	64.5	66.05	1.03
6000	67.5	67.5	1.00

Suzuki fuel consumption comparison

