



SUZUKI
MARINE



DF115A PERFORMANCE TEST on Sea Nymph 585

Test conditions

Date:	19/01/2017
Location:	Auckland
Conditions:	15 knot wind
Temperature:	25°C
Crew:	4

Test boat: Sea Nymph 585

Length:	5.85m
Beam:	n/a
Dry Weight:	1200kg
Max Horsepower:	n/a
Fuel Capacity:	80L
Weight as tested:	n/a

Outboard: Suzuki DF115ATX

Horsepower:	115hp
Cylinder:	4
Weight:	187kg
Gear Ratio:	2.59:1
Propeller:	Suzuki 14" x 17" 3 blade

Conclusion

Optimal Cruise Speed:	22.8km/h
Cruise Range (Approx) Based on 95% Fuel Capacity:	108km
Maximum Speed:	35.85km/h
0-40km/h:	n/a

Suzuki performance figures

RPM	Av KM/H	L/Hr	Av L/KM
700	3.45	1.2	0.36
1000	3.3	1.75	0.54
1500	4.7	2.8	0.6
2000	6.05	4.7	0.78
2500	7.2	7.25	1.01
3000	13.2	9.95	0.75
3500	18.8	13.45	0.72
4000	22.8	16	0.7
4500	27	20.95	0.78
5000	30.15	28.4	0.94
5500	33.25	37.6	1.13
6000	35.85	41.85	1.17

Suzuki fuel consumption comparison

