



# DF30A PERFORMANCE TEST on Stessl Edgetracker 3.9m

## Test conditions

Date:	6/09/2017
Location:	Brisbane, QLD
Conditions:	Flat
Temperature:	27°C
Crew:	2

## Test boat: Stessl Edgetracker 3.9m

Length:	3.90m
Beam:	n/a
Dry weight:	115kg
Max horsepower:	30hp
Fuel capacity:	25L
Weight as tested:	n/a

## Outboard: Suzuki DF30ATHL

Horsepower:	30hp
Cylinder:	2
Weight:	72kg
Gear ratio:	2.09:1
Propeller:	3 x 10 1/4 x 12

## Conclusion

Optimal cruise speed:	26.5km/h
Cruise range (approx) based on 95% fuel capacity:	138km
Maximum speed:	53.0km/h
0-40km/h:	n/a

## Suzuki performance figures

RPM	Av KM/H	L/Hr	Av L/KM
600	3	0.35	0.12
1000	4.5	0.5	0.11
1500	6	0.75	0.14
2000	8	1.2	0.16
2500	9	1.85	0.21
3000	10	2.7	0.28
3500	13	4.35	0.34
4000	26.5	4.55	0.18
4500	31	5.4	0.17
5000	37	6.55	0.18
5500	42	7.6	0.18
6000	47	9.9	0.21
6250	53	10.45	0.2

## Suzuki fuel consumption comparison

