



Bar Crusher 780HT

With the DF350A

Test conditions

2021-11-30	Port Phillip Bay	33°C	Crew of 2	Calm	9 Knots N Wind	100 L fuel onboard
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Bar Crusher 780HT

HULL TYPE	Monohull
MATERIAL	Aluminium
LENGTH	7.8M
BEAM	2.45M
DRY WEIGHT	2380KG
MAXIMUM HP	350HP
FUEL CAPACITY	450L
WEIGHT AS TESTED (Approximate)	2600KG
STEERING TYPE	Hydraulic

DF350A

HORSEPOWER	350HP
CYLINDER	V6
WEIGHT	330KG
GEAR RATIO	2.29:1
DISPLACEMENT	4.4L
MOUNTING HOLE POSITION	
NUMBER OF ENGINES	1

PROPELLER

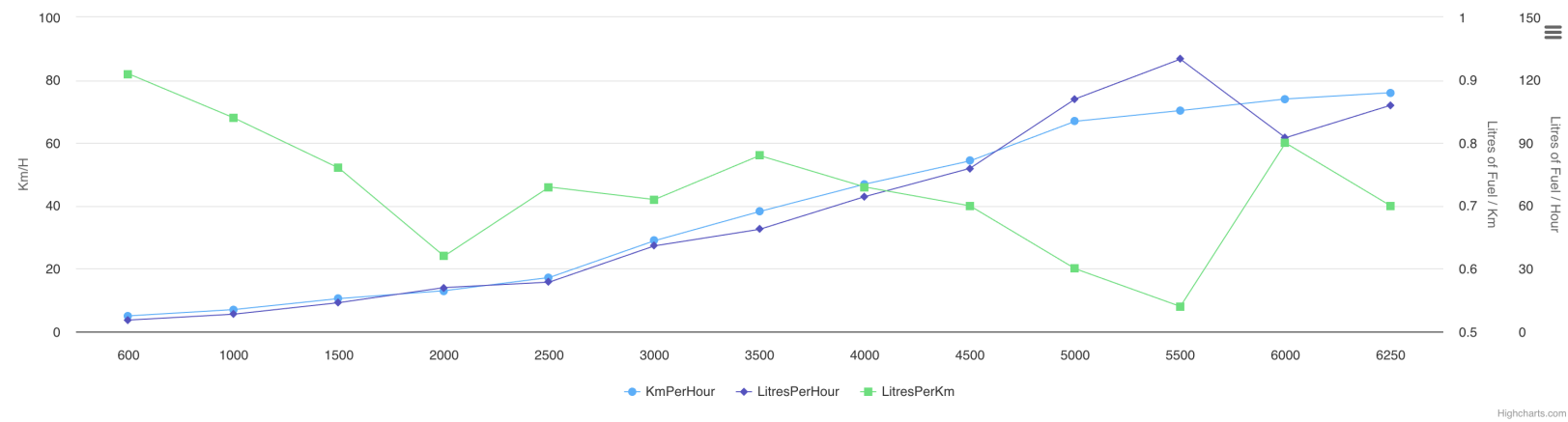
PROPELLER TYPE	Watergrip-Stainless Steel
DIAMETER/PITCH	15.5" x 19.5"
NUMBER OF BLADES	2 x 3
PART NUMBER	58500-98L60 & 58600-98L61

PERFORMANCE SUMMARY

OPTIMAL CRUISE SPEED	3500 rpm @ 0.78 km per litre
CRUISE RANGE (APPROX) BASED ON 95% FUEL CAPACITY	292 NM or 540 KM
MAXIMUM SPEED	41 Knots or 76 KM/H
0-40KM/H	3.0SECONDS

* Results on Barcrusher 780HT and other individual boats may vary due to many factors, including weather, tides, boat load, hull, lower unit & propeller conditions. Suzuki Australia P/L accepts no responsibility for the accuracy of these readings.

DF350A FUEL CONSUMPTION COMPARISON



DF350A PERFORMANCE FIGURES

RPM	Av KM/H	L/Hr	Av L/KM
600	5	5.5	0.91
1000	7	8.3	0.84
1500	10.5	13.8	0.76
2000	13	21	0.62
2500	17.2	23.6	0.73
3000	28.9	40.9	0.71
3500	38.2	48.8	0.78
4000	46.9	64.4	0.73
4500	54.3	77.9	0.7
5000	66.9	111	0.6
5500	70.3	130	0.54
6000	74	92.5	0.8
6250	76	108	0.7