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**

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

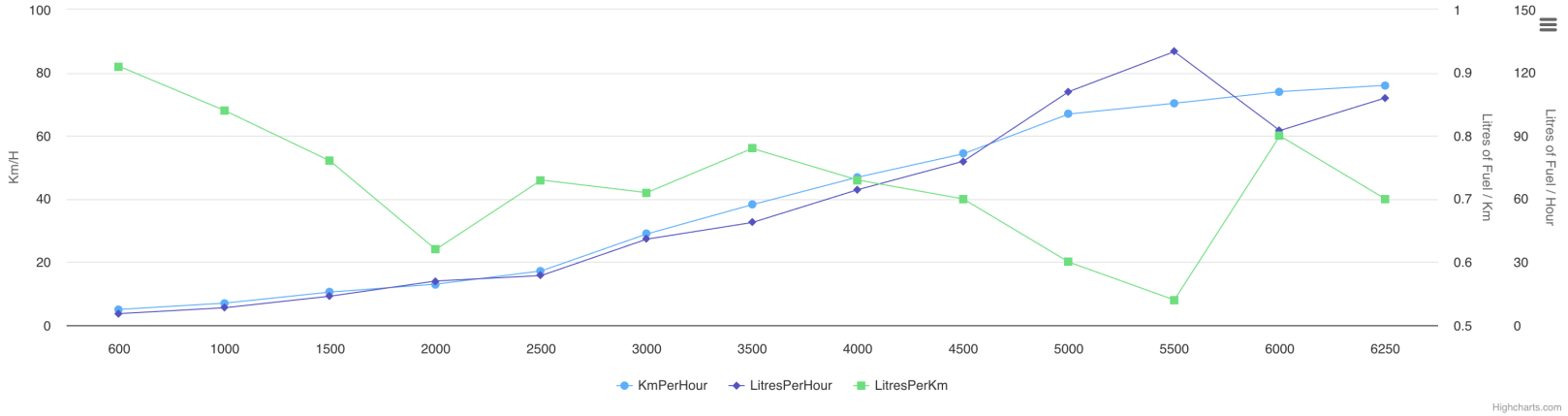
PROPELLER TYPE	**Watergrip-Stainless Steel**
DIAMETER/PITCH	**15.5" x 19.5"**
NUMBER OF BLADES	**2 x 3**
PART NUMBER	**58500-98L60 & 58600-98L61**

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	1.1
1000	7	8.3	1.19
1500	10.5	13.8	1.31
2000	13	21	1.62
2500	17.2	23.6	1.37
3000	28.9	40.9	1.42
3500	38.2	48.8	1.28
4000	46.9	64.4	1.37
4500	54.3	77.9	1.43
5000	66.9	111	1.66
5500	70.3	130	1.85
6000	74	92.5	1.25
6250	76	108	1.42

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