



## 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

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

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## DF350A

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<b>HORSEPOWER</b>	<b>350HP</b>
<b>CYLINDER</b>	<b>V6</b>
<b>WEIGHT</b>	<b>330KG</b>
<b>GEAR RATIO</b>	<b>2.29:1</b>
<b>DISPLACEMENT</b>	<b>4.4L</b>
<b>NUMBER OF ENGINES</b>	<b>1</b>

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## PROPELLER

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

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## PERFORMANCE SUMMARY

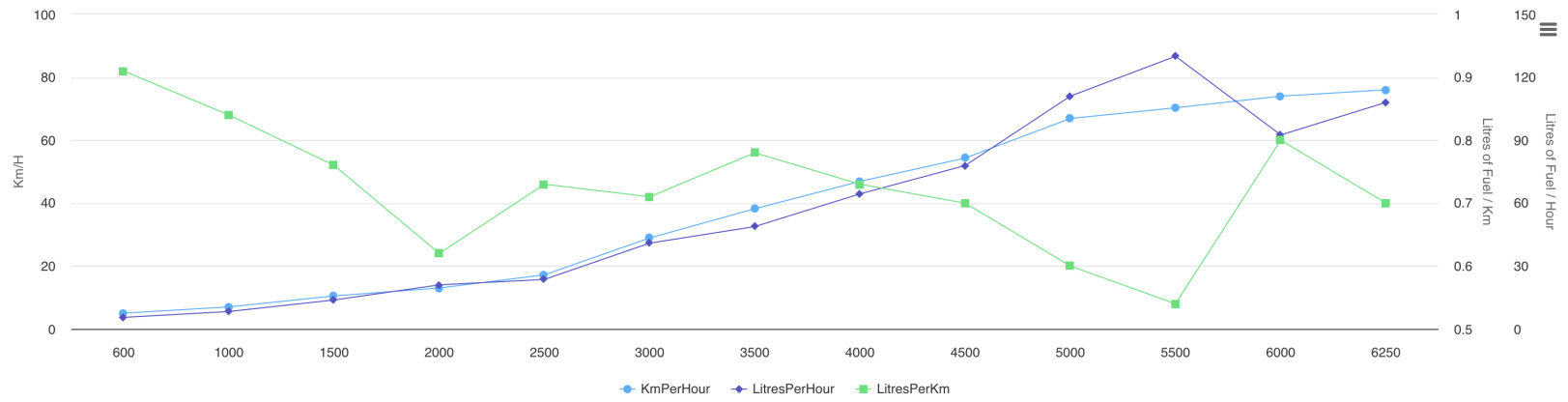
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<b>OPTIMAL CRUISE SPEED</b>	<b>3500 rpm @ 0.78 km per litre</b>
<b>CRUISE RANGE (APPROX) BASED ON 95% FUEL CAPACITY</b>	<b>292 NM or 540 KM</b>
<b>MAXIMUM SPEED</b>	<b>41 Knots or 76 KM/H</b>
<b>0-40KM/H</b>	<b>3.0SECONDS</b>

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**\* 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

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