

# SUZUKI PERFORMANCE NOTEBOOK

Geist Reservoir, IN

Suzuki Marine

Test Date: 9/16/2020

Boat Model: 259 Sun Star

Boat Type: Deck Boat

Test Motor: DF300BTX



BOAT	ENGINE	OTHER SPECS
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<p><b>259 SunStar</b></p> <p>Material: Fiberglass                  Length: 26'                  Beam: 8' 4"                  Weight (Dry): 2600 lbs                  Maximum HP: 300 hp                  Fuel Capacity: 54 gallons                  Transom Height: 25"                  Steering: SeaStarPRO Hyd</p>	<p><b>Suzuki</b></p> <p>Engine Type: V-6 24 Valves                  HP: 300 hp                  Displacement: 4390 CC                  Operating Range: 5700-6300 rpm                  Weight: 727 lbs                  Lubrication: Wet Sump                  Fuel Delivery: Multi Point EFI                  Ignition: Solid State</p>	<p><b>Propeller</b></p> <p>Material: Stainless Steel                  Diameter/Pitch: 15.5" X 19.5" X 2                  Number of Blades: 3 (Twin 3 Blades)</p> <p><b>Mounting Height</b></p> <p>Hole Position: 3rd hole up                  Jack Plate: N/A</p>
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PERFORMANCE DATA	TEST CONDITIONS
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RPM	MPH	GPH	MPG	RANGE																							
IDLE	2.8	0.6	4.67	227	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>Water Conditions</td> <td>Medium Chop</td> </tr> <tr> <td>Wind Velocity</td> <td>5 to 10 mph</td> </tr> <tr> <td>Air Temperature</td> <td>75 degrees</td> </tr> <tr> <td>Fuel Load</td> <td>30 gal</td> </tr> <tr> <td>Weight Onboard</td> <td>2 persons Full Safety Gear</td> </tr> <tr> <td colspan="2" style="text-align: center;"><b>PERFORMANCE SUMMARY</b></td> </tr> <tr> <td>Top Speed</td> <td>47.9 MPH</td> </tr> <tr> <td>0-30 Acceleration</td> <td>6.9 seconds</td> </tr> <tr> <td>Optimum Cruising Range</td> <td>@ 3500 RPM 157 Miles</td> </tr> <tr> <td>Best Cruising</td> <td>@ 3500 RPM</td> </tr> <tr> <td>Fuel Efficiency</td> <td>3.23 MPG</td> </tr> </table>	Water Conditions	Medium Chop	Wind Velocity	5 to 10 mph	Air Temperature	75 degrees	Fuel Load	30 gal	Weight Onboard	2 persons Full Safety Gear	<b>PERFORMANCE SUMMARY</b>		Top Speed	47.9 MPH	0-30 Acceleration	6.9 seconds	Optimum Cruising Range	@ 3500 RPM 157 Miles	Best Cruising	@ 3500 RPM	Fuel Efficiency	3.23 MPG
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1000	4.7	1.2	3.92	190																							
1500	6.9	1.9	3.63	176																							
2000	8.5	2.9	2.93	142																							
2500	9.9	4.5	2.20	107																							
3000	14.4	6.6	2.18	106																							
3500	24.2	7.5	3.23	157																							
4000	30.0	10.0	3.00	146																							
4500	33.7	13.0	2.59	126																							
5000	38.4	17.3	2.22	108																							
5500	42.4	21.7	1.95	95																							
6000	46.5	27.4	1.70	82																							
6200	47.9	28.4	1.69	82																							

Results may vary. Range based on 90% fuel capacity.

**FOR MORE INFORMATION, CONTACT:**

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 (800) 359-7915  
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