

SUZUKI PERFORMANCE NOTEBOOK

Flippin, AR

Suzuki Marine

Test Date: 7-12-14

Test Boat: Ranger

Boat Type: Bay Center Console

Test Motor: DF150TXSS



| BOAT | ENGINE | OTHER SPECS |
|------|--------|-------------|
|------|--------|-------------|

| | | |
|--|--|---|
| <p>220 Bahia</p> <p>Material Fiberglass Length 21' 5" Beam 101" Weight Maximum HP 200 Fuel Capacity 49 gallons Transom Height 25" Steering Hydraulic</p> | <p>Suzuki DF150TXSS</p> <p>Engine Type 4-Stroke 4-inline HP 150 Displacement 174.9 cu. In. Operating Range 5500-6000 Weight 485 lb.s Lubrication Wet Sump Fuel Delivery Multi-Point EFI Ignition Solid State</p> | <p>Propeller</p> <p>Material Stainless Steel Diameter/Pitch 15 X 21 Number of Blades 3</p> <p>Mounting Height</p> <p>Hole Position 1st Hole Jack Plate N/A</p> |
|--|--|---|

| PERFORMANCE DATA | TEST CONDITIONS |
|------------------|-----------------|
|------------------|-----------------|

| RPM | MPH | GPH | MPG | RANGE | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------|------------------|------|------|-------|---|------------------|--------|---------------|--------------|-----------------|------------|-----------|---------|----------------|-----------|--|------------------|---------------------|--|-----------|------|-------------------|-------------|------------------|------------|-------|-----------|---------------|------------|-----------------|----------|
| IDLE | 2.6 | 0.3 | 8.67 | 382 | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>Water Conditions</td> <td>Smooth</td> </tr> <tr> <td>Wind Velocity</td> <td>Light Breeze</td> </tr> <tr> <td>Air Temperature</td> <td>92 degrees</td> </tr> <tr> <td>Fuel Load</td> <td>gallons</td> </tr> <tr> <td>Weight Onboard</td> <td>2 persons</td> </tr> <tr> <td></td> <td>Full Safety Gear</td> </tr> <tr style="background-color: red; color: white;"> <th colspan="2">PERFORMANCE SUMMARY</th> </tr> <tr> <td>Top Speed</td> <td>45.4</td> </tr> <tr> <td>0-25 Acceleration</td> <td>4.9 seconds</td> </tr> <tr> <td>Optimum Cruising</td> <td>@ 3500 RPM</td> </tr> <tr> <td>Range</td> <td>262 Miles</td> </tr> <tr> <td>Best Cruising</td> <td>@ 3500 RPM</td> </tr> <tr> <td>Fuel Efficiency</td> <td>5.95 MPG</td> </tr> </table> | Water Conditions | Smooth | Wind Velocity | Light Breeze | Air Temperature | 92 degrees | Fuel Load | gallons | Weight Onboard | 2 persons | | Full Safety Gear | PERFORMANCE SUMMARY | | Top Speed | 45.4 | 0-25 Acceleration | 4.9 seconds | Optimum Cruising | @ 3500 RPM | Range | 262 Miles | Best Cruising | @ 3500 RPM | Fuel Efficiency | 5.95 MPG |
| Water Conditions | Smooth | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wind Velocity | Light Breeze | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Air Temperature | 92 degrees | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fuel Load | gallons | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Weight Onboard | 2 persons | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Full Safety Gear | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PERFORMANCE SUMMARY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Top Speed | 45.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0-25 Acceleration | 4.9 seconds | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Optimum Cruising | @ 3500 RPM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Range | 262 Miles | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Best Cruising | @ 3500 RPM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fuel Efficiency | 5.95 MPG | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1000 | 3.9 | 0.5 | 7.80 | 344 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1500 | 5.9 | 0.9 | 6.56 | 289 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2000 | 7.1 | 1.5 | 4.73 | 209 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2500 | 8.6 | 2.9 | 2.97 | 131 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3000 | 16.1 | 3.3 | 4.88 | 215 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3500 | 23.2 | 3.9 | 5.95 | 262 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4000 | 28.7 | 4.9 | 5.86 | 258 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4500 | 33.2 | 6.8 | 4.88 | 215 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5000 | 37.9 | 8.7 | 4.36 | 192 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5500 | 41.7 | 11.3 | 3.69 | 163 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6000 | 45.4 | 15.0 | 3.03 | 133 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6150 | 45.4 | 15.1 | 3.01 | 133 | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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

FOR MORE INFORMATION, CONTACT:

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