

# SUZUKI PERFORMANCE NOTEBOOK

Monticello, AR, Monticello Lake

Suzuki Marine

Test Date: 9-24-17

Test Boat: SeaArk

Boat Type: Aluminum Fishing

Test Motor: DF175ATX



BOAT		ENGINE		OTHER SPECS		
<b>Bay Extreme BX 220</b>		<b>Suzuki DF175ATX</b>		<b>Propeller</b>		
Material	Aluminium	Engine Type	Inline 4	Material	Stainless Steel	
Length	21' 9"	HP	200	Diameter/Pitch	15.25" X 23"	
Beam	94"	Displacement	2867 CC	Number of Blades	3	
Weight	1550 lbs	Operating Range	5500-6100 RPM	<b>Mounting Height</b>		
Maximum HP	200 hp	Weight	529 lbs	Hole Position	2nd hole up	
Fuel Capacity	28 gallons	Lubrication	Wet Sump	Jack Plate	N/A	
Transom Height	25"	Fuel Delivery	Multi-Point EFI			
Steering	SeaStar Hydraulic	Ignition	Solid State			
PERFORMANCE DATA				TEST CONDITIONS		
<b>RPM</b>	<b>MPH</b>	<b>GPH</b>	<b>MPG</b>	<b>RANGE</b>		
IDLE	2.6	0.3	8.7	218	Water Conditions	Light chop
1000	4.2	0.5	8.4	212	Wind Velocity	5 to 10 mph
1500	5.9	1.0	5.9	149	Air Temperature	88 degrees
2000	7.7	1.8	4.3	108	Fuel Load	35 gal
2500	11.6	2.7	4.3	108	Weight Onboard	3 People with Full Safety Gear
3000	18.6	3.5	5.3	134		
3500	25.5	4.5	5.7	143		
4000	30.6	5.9	5.2	131		
4500	35.3	8.0	4.4	111		
5000	39.8	9.7	4.1	103		
5500	44.5	13.6	3.3	82		
6000	48.6	16.3	3.0	75		
6150	48.9	16.5	3.0	75		
Results may vary. Range based on 90% fuel capacity.						
PERFORMANCE SUMMARY						
Top Speed		48.9 mph				
0-25 Acceleration		6.2 seconds				
Optimum Cruising		@ 3500 RPM				
Range		143 Miles				
Best Cruising		@ 3500 RPM				
Fuel Efficiency		5.6 MPG				

FOR MORE INFORMATION, CONTACT:

SeaArk Boats  
Monticello, AR  
(870) 367-5317  
[www.searkboats.com](http://www.searkboats.com)

Suzuki Marine  
[www.suzukimarine.com](http://www.suzukimarine.com)





# Boat Information & Test Data



Boat Mfg	SeaArk		
Model	BX 220		
Material	Aluminum		
Length	21'9"		
Beam/Width	94"		
Weight	1550		
Max HP	200 hp		
Fuel Capacity	28		
Transom Height	25"		
Steering	SeaStar Hyd		
Jack Plate	N/A		
Additional options			
Additional options			
0 to (20) <b>(25)</b> (30) <sub>MPH</sub>	6.1	6.2	6.3
	Average		6.2

Date	9/24/2017
Location	Monticello, AR
Lake/River/Coastal	Lake Monticello
Conditions	Light chop
Wind	5 to 10 mph
Temperature	88 degrees
Fuel Load	full tank
Boat Load	3 people with all safety gear
Engine Model	DF175ATX
Prop type <small>(3 or 4 blade)</small>	3 blade
Diameter/Pitch	15.25" X 23"
Material <small>(AL or SS)</small>	SS
Engine Height	2nd hole up

Pass 1		
RPM	MPH	GPH
Idle	2.9	0.3
1000	3.9	0.5
1500	5.3	1.0
2000	7.6	1.8
2500	11.2	2.7
3000	18.8	3.5
3500	24.9	4.6
4000	30.4	6.0
4500	34.9	8.0
5000	39.3	9.5
5500	44.3	13.5
6000	48.2	16.2
6150	48.5	16.4

Average	
MPH	GPH
2.6	0.3
4.2	0.5
5.9	1.0
7.7	1.8
11.6	2.7
18.6	3.5
25.5	4.5
30.6	5.9
35.3	8.0
39.8	9.7
44.5	13.6
48.6	16.3
48.9	16.5

Pass 2		
RPM	MPH	GPH
Idle	2.2	0.3
1000	4.5	0.5
1500	6.4	0.9
2000	7.7	1.8
2500	11.9	2.6
3000	18.4	3.5
3500	26.1	4.4
4000	30.7	5.8
4500	35.6	7.9
5000	40.2	9.8
5500	44.7	13.7
6000	48.9	16.3
6150	49.2	16.5

Comments:

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