PERFORMANCE BULLETIN

Boat Manufactured By:

NauticStar BOATS

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NAUTIC STAR 231 HYBRID

Length	22' 9"
Beam	8' 6"
Dry Weight (Boat Mfr. Pub)	2,650 lbs
Maximum HP	250 hp
Fuel Capacity	74 gal
Weight as Tested	4,048 lbs

VF250XA

Horsepower	250 hp
Induction	EFI/VCT/DOHC
Displacement	4.2L
Weight (Estimated)	555 lbs
Gear Ratio	1.75:1

ENGINE MOUNTING HEIGHT

Mounting Hole Position	#2
Ventilation Plate Height	1" Above Boat Bottom

PROPELLER(S)

Series	Saltwater Series II™
Diameter x Pitch	15-1/4 x 19
Yamaha Part #	6CE-45970-20-00
Propeller Material	Polished Stainless Steel

TEST CONDITIONS

Number of People	2
Air / Water Temperature (Fahrenheit)	90° F / 85° F
Elevation (in feet above sea level)	434'
Wind Velocity	0-5 MPH

COMMENTS

Test weight includes 2 people, 1/2 tank of fuel, 1 group 27 battery, optional fiberglass T-top, safety and test gear.

YPB#: PB_NST_231_Hybrid_VF250XA_08-20-2018_BAY

Engine: *Yamaha VF250XA*

Boat: *Nautic Star 231 Hybrid*

Configuration: *Single*

Test Date: *19-Aug-0218*



PERFORMANCE DATA

RPM	MPH	GPH	MPG
1000	5.9	1.4	4.21
1500	7.7	2.4	3.21
2000	10.4	3.6	2.89
2500	21.0	5.0	4.20
3000	**27.5**	**6.4**	**4.30**
3500	33.3	8.5	3.91
4000	37.6	11.4	3.31
4500	42.4	14.6	2.90
5000	47.4	18.0	2.63
5500	52.2	21.8	2.39
5950	**56.5**	**24.0**	**2.35**

**Time to Plane: 3.03 seconds
 0-30 MPH: 4.56 seconds**

NOTICE TO CONSUMER
The information and data contained in this Performance Bulletin is approximate and subject to many different factors and variables. It is provided as a guideline only and should not be relied upon as representative of actual performance. Your boat's performance may be different than the information contained in this Performance Bulletin due to various factors, including your boat's actual weight, wind and water conditions, temperature, humidity, elevation, bottom paint, boat options affecting wind/water drag and/or boat weight, and operator ability. Please confirm the specifications and performance data on your specific boat/engine combination with your dealer prior to purchase. Please also keep in mind that the data contained in this Performance Bulletin may or may not have been performed using Yamaha PowerMatched components. Yamaha reserves the right to change the specifications and performance data of this Performance Bulletin or engine without notice. This document contains many of Yamaha's valuable trademarks. It may also contain trademarks belonging to other companies. Any references to other companies or their products are for identification purposes only, and are not intended to be an endorsement.