# PERFORMANCE BULLETIN

**Boat Manufactured By:**

3515 SE Lionel Terrace • Stuart, FL 34997
(772) 600-7121
**www.stuartboatworks.com**



## STUART BOATWORKS 23 STUART

| | |
|---|---|
| Length | 23' 3" |
| Beam | 8' 6" |
| Dry Weight (Boat Mfr. Pub) | 3,650 lbs |
| Maximum HP | 350 hp |
| Fuel Capacity | 100 gal |
| Weight as Tested | 4,653 lbs |

## F300XSB

| | |
|---|---|
| Horsepower | 300 hp |
| Induction | EFI/VCT/DOHC |
| Displacement | 4.2L |
| Weight (Estimated) | 611 lbs |
| Gear Ratio | 1.75:1 |

## ENGINE MOUNTING HEIGHT

Mounting Hole Position

## PROPELLER(S)

| | |
|---|---|
| Series | Saltwater Series II |
| Diameter x Pitch | 15-1/2 x 17 |
| Yamaha Part # | 6CE-45978-20-00 |
| Propeller Material | Stainless Steel |

## TEST CONDITIONS

| | |
|---|---|
| Number of People | 2 |
| Air / Water Temperature (Fahrenheit) | 100° F / 85° F |
| Elevation (in feet above sea level) | 0' |
| Wind Velocity | 0-5 MPH |

## COMMENTS

Tested weight includes 42 Gallons of fuel, 2 batteries, 2 people, safety and test gear.

**YPB#:** PB_SBW_23 Stuart_F300XSB_6-27-23_OCC

***Engine:*** *Yamaha F300XSB*

***Boat:*** *Stuart Boatworks 23 Stuart*

***Configuration:*** *Single*

***Test Date:*** *27-Jun-2023*




## PERFORMANCE DATA

| RPM | MPH | GPH | MPG |
|---|---|---|---|
| 1000 | 5.5 | 1.4 | 3.93 |
| 1500 | 8.1 | 2.2 | 3.68 |
| 2000 | 10.0 | 3.8 | 2.62 |
| 2500 | 10.7 | 5.2 | 2.08 |
| 3000 | 14.5 | 6.3 | 2.32 |
| **3500** | **26.5** | **8.2** | **3.25** |
| 4000 | 32.1 | 11.2 | 2.88 |
| 4500 | 37.1 | 14.8 | 2.51 |
| 5000 | 42.3 | 19.3 | 2.20 |
| 5500 | 47.2 | 25.9 | 1.82 |
| **5800** | **49.5** | **26.2** | **1.89** |

**0-20 MPH: 5.77 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.