PERFORMANCE BULLETIN

Boat Manufactured By:

1007 W 5th Street • Washington, NC 27889
(252) 717-7009
pairmarine.com



PAIR MARINE 24 BAY

Length	24' 0"
Beam	8' 6"
Dry Weight (Boat Mfr. Pub)	4,300 lbs
Maximum HP	300 hp
Fuel Capacity	106 gal
Weight as Tested	6,041 lbs

F300XSB2

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	#2

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	3
Air / Water Temperature (Fahrenheit)	75° F / 80° F
Elevation (in feet above sea level)	0'
Wind Velocity	10-15 MPH

COMMENTS

Test weight includes 60 gallons of fuel, 2 batteries, safety and test equipment.

YPB#: PB_PAM_24 Bay_F300XSB2_09-12-2024_BAY

Engine: *Yamaha F300XSB2*

Boat: *Pair Marine 24 Bay*

Configuration: *Single*

Test Date: *12-Sep-2024*



PERFORMANCE DATA

RPM	MPH	GPH	MPG
1000	5.1	1.3	3.88
1500	7.1	2.2	3.20
2000	8.4	3.7	2.30
2500	13.0	5.0	2.62
3000	16.5	6.1	2.73
3500	**26.5**	**7.9**	**3.38**
4000	33.7	10.9	3.11
4500	37.9	14.2	2.68
5000	42.5	17.6	2.41
5500	46.8	23.1	2.03
6000	**50.7**	**26.6**	**1.91**

**0-20 MPH: 3.88 seconds
 0-30 MPH: 6.35 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.