PERFORMANCE BULLETIN

Boat Manufactured By:

ISLAMORADA BOATWORKS

3515 SE Lionel Terrace • Stuart, FL 34997

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www.IslamoradaBoatworks.com



ISLAMORADA MORADA 27

Length	26' 6"
Beam	8' 8"
Dry Weight (Boat Mfr. Pub)	4,050 lbs
Maximum HP	700 hp
Fuel Capacity	180 gal
Weight as Tested	7,324 lbs

XF450XSA2

Horsepower	450 hp
Induction	DI/VCT/DOHC
Displacement	5.6L
Weight (Estimated)	963 lbs
Gear Ratio	1.79:1

ENGINE MOUNTING HEIGHT

Mounting Hole Position	#3

PROPELLER(S)

Series	XTO Offshore
Diameter x Pitch	16-5/8 x 19
Yamaha Part #	6GR-45974-20-00
Propeller Material	Stainless Steel

TEST CONDITIONS

Number of People	3
Air / Water Temperature (Fahrenheit)	91° F / 92° F
Elevation (in feet above sea level)	0'
Wind Velocity	10-15 MPH

COMMENTS

Test weight includes 133 gallons of fuel, 4 batteries, Trolling Motor, Seakeeper 1, Seakeeper Ride, 2nd Station, 2 battery Chargers, Sea Chest, 40 gallon bait well, Dual Power Poles, safety and test equipment.

YPB#: PB_IBW_Morada 27_XF450XSA2_8-19-25_OCC

Engine: *Yamaha XF450XSA2*

Boat: *Islamorada Morada 27*

Configuration: *Single*

Test Date: *19-Aug-2025*



PERFORMANCE DATA

RPM	MPH	GPH	MPG
1000	5.6	1.8	3.20
1500	7.7	3.0	2.57
2000	9.0	5.0	1.82
2500	11.3	7.2	1.56
3000	17.6	10.2	1.73
3500	**25.6**	**12.3**	**2.08**
4000	33.2	16.0	2.07
4500	38.3	20.6	1.86
5000	42.7	26.1	1.64
5500	48.0	32.6	1.47
6000	**52.8**	**37.9**	**1.39**

0-20 MPH: 6.93 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.