PERFORMANCE BULLETIN

Boat Manufactured By:

REGULATOR

PO Box 49 • Edenton, NC 27932

(252) 482-3837

www.regulatormarine.com



REGULATOR 31

Length	31' 4"
Beam	10' 4"
Dry Weight (Boat Mfr. Pub)	9,400 lbs
Maximum HP	900 hp
Fuel Capacity	300 gal
Weight as Tested	12,158 lbs

LF350XSA2 / F350XSA2

Horsepower	350 hp
Induction	EFI/VCT/DOHC
Displacement	4.3L
Weight (Estimated)	629 - 629 lbs
Gear Ratio	1.75:1

ENGINE MOUNTING HEIGHT

Mounting Hole Position	#3
Ventilation Plate Height	4" Above Boat Bottom

PROPELLER(S)

Series	Saltwater Series II
Diameter x Pitch	15 x 20
Yamaha Part #	6CF-45932-20-00 / 6CE-45932-20-00
Propeller Material	Stainless Steel

TEST CONDITIONS

Number of People	2
Air / Water Temperature (Fahrenheit)	91° F / 87° F
Elevation (in feet above sea level)	0'
Wind Velocity	5-10 MPH

COMMENTS

Test weight includes 145 gallons of fuel, 3 batteries, safety and test equipment.

YPB#: PB_REG_31_TW_LF350XSA2_08-29-2024_OCC

Engine: *Yamaha LF350XSA2 / F350XSA2*

Boat: *Regulator 31*

Configuration: *Twin*

Test Date: *29-Aug-2024*



PERFORMANCE DATA

RPM	MPH	GPH	MPG
1000	6.4	2.6	2.49
1500	8.6	4.4	1.98
2000	10.0	7.4	1.34
2500	13.6	12.2	1.11
3000	17.6	15.5	1.13
3500	**26.1**	**18.6**	**1.40**
4000	35.2	25.3	1.39
4500	40.5	30.8	1.32
5000	45.7	39.8	1.15
5500	51.3	54.2	0.95
6100	**56.6**	**62.8**	**0.90**

**0-20 MPH: 5.47 seconds
 0-30 MPH: 9.27 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.