

Yamaha Performance Bulletin

YPB#: PB_WCC_320CC_t_F300XCA_6-18-10_CAT

Test Date: 6/18/10



World Cat® 320 CC®

Length	32' 2"
Beam	10' 6"
Dry Weight (Boat Mfr. Published)	8,484 lbs.
Maximum HP	600 hp
Fuel Capacity	300 gals.
Weight as Tested (Approximate)	11,511 lbs.



World Cat
Boat Manufactured By:

World Class Catamarans • 1090 West St. James Street • Tarboro, NC 27886
252-641-8000 • www.worldclasscat.com

Yamaha F300XCA / LF300XCA

Horsepower	300
Displacement	4.2 L
Weight (Catalog Published)	558 lbs.
Gear Ratio	1.75

Engine Mounting Height

Mounting Hole Position	#3
------------------------	----

Propeller

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

Test Conditions

Number of People	2
Air / Water Temperature (Fahrenheit)	91° / 74°
Elevation	Sea Level
Wind Velocity	0-5 MPH

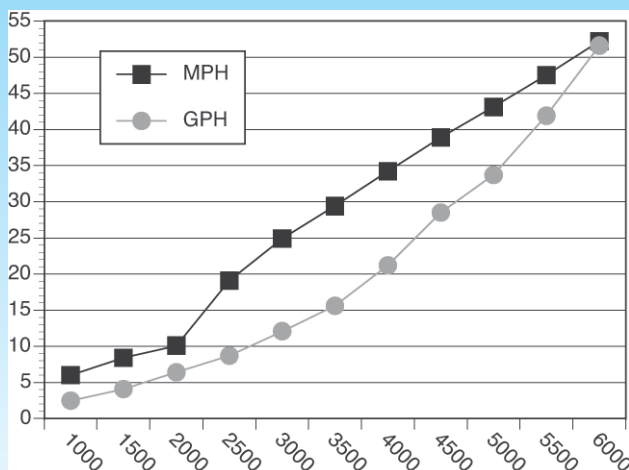
Comments: Test weight includes 150 gallons of fuel, 4 batteries, hard top, safety and test equipment. Fuel consumption data gathered with Yamaha Command Link® fuel management system. Zero-to-30 speed data gathered with Yamaha speedometer. Other speed data gathered with GPS receiver.

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.

Performance Data

RPM	MPH	GPH	MPG
1000	6.0	2.5	2.40
1500	8.4	4.1	2.05
2000	10.1	6.4	1.58
2500	19.1	8.7	2.20
3000	24.9	12.1	2.06
3500	29.4	15.6	1.89
4000	34.2	21.2	1.61
4500	38.9	28.5	1.37
5000	43.1	33.7	1.28
5500	47.5	41.9	1.13
6000	52.2	51.6	1.01

Seconds to Plane **3.85**
Seconds 0-30 MPH **5.15**



Test performed and verified by Yamaha Application Engineers.

For More Information:

Yamaha Motor Corporation, U.S.A. • OEM Division, Marine Group
1270 Chastain Road NW • Kennesaw, GA 30144 • (800) 88-YAMAHA
For other Performance Bulletins, visit www.yamaha-motor.com.

© 2009 Yamaha Motor Corporation, U.S.A. All rights reserved.