

Yamaha Performance Bulletin

YPB#: PB_WCC_320EC_t_F300XCA_2011-11-15_CAT

Test Date: 11/15/11



World Cat® 320 EC®

Length	32' 2"
Beam	10' 6"
Dry Weight (Boat Mfr. Published)	12,000 lbs.
Maximum HP	600 hp
Fuel Capacity	260 gals.
Weight as Tested (Approximate)	14,765 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)	562 lbs.
Gear Ratio	1.75

Engine Mounting Height

Mounting Hole Position	#3
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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)	75° / 64°
Elevation	Sea Level
Wind Velocity	0-5 MPH

Comments: Test weight includes 1/2 tank of fuel, 4 batteries, optional radar, safety and test equipment. Fuel consumption data gathered with Yamaha Command Link® fuel management system. Zero-to-30 speed data gathered with radar gun. Other speed data gathered with GPS receiver.

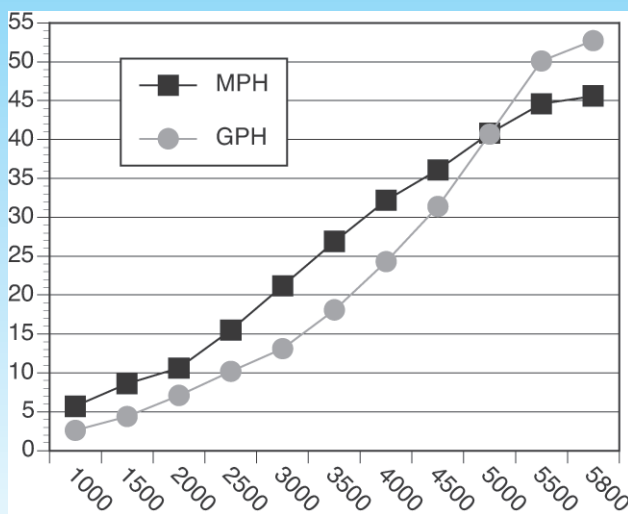
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Performance Data

RPM	MPH	GPH	MPG
1000	5.7	2.6	2.19
1500	8.6	4.4	1.96
2000	10.6	7.1	1.49
2500	15.5	10.2	1.52
3000	21.2	13.1	1.62
3500	26.9	18.1	1.49
4000	32.2	24.3	1.33
4500	36.1	31.4	1.15
5000	40.8	40.7	1.00
5500	44.6	50.1	0.89
5800	45.6	52.7	0.87

Seconds 0-30 MPH

8.12



Test performed and verified by Yamaha Application Engineers.

For More Information:

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