

EVINRUDE®

PERFORMANCE REPORT

BULLETIN #: PE284

ENGINE: E50DPL

DATE OF TEST: 10/30/03



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**2004 PREMIER 210
Legend RE**



BOAT

2004 PREMIER 210 LEGEND RE

Material:..... **Aluminum**
Length:..... **20' 9"**
Beam:..... **8' 6"**
Weight w/o Engine:.. **1800 LBS Dry**
Maximum HP:..... **90 HP**
Fuel Capacity:..... **30 Gallons**
Transom Height:..... **20" Shaft**
Steering:..... **Mechanical**

ENGINE

2004 EVINRUDE® E-TEC™ 50HP

Engine Type:..... **INLINE 2 CYL 2 STROKE**
Horsepower:..... **50 HP @ 5750 RPM**
Displacement:..... **52.7 Cu. In.**
Induction:..... **E-TEC Direct Inj.**
Operating Range:.. **5500-6000 RPM**
Weight:..... **240 LBS Dry Weight**
Gear Ratio:..... **2.67:1**

PROPELLER

BMCA

Material:..... **Aluminum**
Diameter/Pitch:.. **14" x 13"**
No. of Blades:... **3**
Part Number:... **391668**

MOUNTING HEIGHT

Hole Position:... **#2**
Jack Plate:..... **NA**
AV Mounting:.... **N/A**

PERFORMANCE DATA

RPM	MPH	GPH	MPG	RANGE
850	2.3	0.12	18.8	507
1000	3.0	0.16	18.4	496
1500	4.3	0.27	15.8	426
2000	5.4	0.42	12.7	344
2500	7.3	0.78	9.3	252
3000	8.9	1.33	6.7	180
3500	12.0	1.92	6.2	169
4000	14.3	2.45	5.8	157
4500	16.6	3.08	5.4	145
5000	19.2	3.73	5.1	139
5500	21.1	4.96	4.3	115

Range (Miles) Based On 90% Fuel Capacity

TEST CONDITIONS

Water Conditions: **Medium Chop**
Wind Velocity:..... **15 MPH**
Air Temperature:.. **85° F**
Fuel Load:..... **30 Gallons Full**
Weight:..... **1 Man (200 lbs.)
Full Fuel, Test Gear 50 lbs.**

PERFORMANCE SUMMARY

Top Speed: **21.1 MPH**

Acceleration: **NA**

Best Fuel Efficiency: **12.7 MPG with a range of
344 Miles @ 5.4 MPH**



NOTE: Data may vary due to changes in weather and water conditions, elevation, load and boat bottom conditions, boat, engine and propeller options and conditions, and operator ability. Speed and fuel were calculated by Micro Met Transponder and Max Fuel Flow Meter. Test performed and certified by Bombardier OEM Applications Engineering.
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