

# EVINRUDE®

## PERFORMANCE REPORT

BULLETIN #: PE261      ENGINE: E200FPXST M      DATE OF TEST: 2/17/03

### EVINRUDE®

Bombardier Recreational Products  
10101 Science Drive  
Sturtevant, WI 53177  
[www.evinrude.com](http://www.evinrude.com)

### POLAR

P.O. Box 1158  
Elkhart, IN 46515  
Phone: 574-522-8381  
Fax: 574-522-5120  
[info@godfreymarine.com](mailto:info@godfreymarine.com)

## 2003 Polar 2100FM



BOAT	
2003 POLAR 2100FM	
Material:.....	Fiberglass
Length:.....	21' 4"
Beam:.....	8' 6"
Weight w/o Engine:..	2680 LBS Dry
Maximum HP:.....	240 HP
Fuel Capacity:.....	97 Gallons
Transom Height:.....	25" Bracket
Steering:.....	Hydraulic

ENGINE	
2003 EVINRUDE® 200 HP	
Engine Type:.....	90°V6
Horsepower:.....	200 HP @ 5500 RPM
Displacement:.....	200 Cu. In.
Induction:.....	Direct Injection
Operating Range:..	5000-6000 RPM
Weight:.....	532 LBS Dry Weight
Gear Ratio:.....	1.85:1

PROPELLER	
BMCA VIPER	
Material:.....	Stainless Steel
Diameter/Pitch:..	14 3/4" x 17"
No. of Blades:...	3
Part Number:...	176626
MOUNTING HEIGHT	
Hole Position:...	#1
Jack Plate:.....	N/A
AV Mounting:....	N/A

PERFORMANCE DATA				
RPM	MPH	GPH	MPG	RANGE
650	3.2	0.39	8.2	720
1000	4.5	0.72	6.3	549
1500	5.9	1.35	4.3	379
2000	7.7	2.59	3.0	259
2500	8.5	4.18	2.0	178
3000	11.1	6.43	1.7	150
<b>3500</b>	<b>23.8</b>	<b>6.52</b>	<b>3.6</b>	<b>319</b>
4000	30.2	8.99	3.4	293
4500	35.3	10.04	3.5	306
5000	40.1	12.34	3.2	283
5500	45.1	15.53	2.9	253
5905	49.1	18.85	2.6	227
<b>Range (Miles) Based On 90% Fuel Capacity</b>				

TEST CONDITIONS	
Water Conditions:	Light chop
Wind Velocity:.....	3 to 5 MPH
Air Temperature:..	79° F
Fuel Load:.....	97 Gallons Full
Weight:.....	2 Men (400 lbs.)
	Full Fuel, Test Gear 50 lbs.

PERFORMANCE SUMMARY	
Top Speed:	<b>49.1 MPH</b>
Acceleration:	<b>0-150 feet in 5.0 seconds</b>
Best Fuel Efficiency:	<b>3.6 MPG with a range of 319 Miles @ 23.8 MPH</b>

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.

© 2003 Bombardier Motor Corporation of America. All rights reserved.

™ ® Trademarks and Registered Trademarks of Bombardier Motor Corporation of America or its affiliates.

