

# EVINRUDE

E-TEC

## PERFORMANCE REPORT

BULLETIN #: 1270  
ENGINE 1: E250XH

BOAT TYPE: Pontoon

DATE OF TEST: 6/1/2016



BRP US, Inc.  
10101 Science Drive  
Sturtevant, WI 52177  
[www.evinrude.com](http://www.evinrude.com)

*Manitou*

Triton Industries, Inc.  
1620 S. Lowell  
Lansing, MI 48906  
517-322-3822  
[www.manitoupontoonboats.com](http://www.manitoupontoonboats.com)

2017 Manitou 230 Encore SHP

BOAT	
<b>2017 Manitou 230 Encore SHP</b>	
Material	Aluminum
Length	24' 4"
Beam	8' 6"
Weight w/o Engine	3100 LBS
Maximum HP	250 HP
Fuel Capacity	43 Gallons
Transom Height	25"
Steering	DPS

ENGINE	
<b>Evinrude® E-TEC® G2™ 250 H.O.</b>	
Engine Type	74° V-6
Horsepower	250 H.O.
Displacement	3.4 Litre
Induction	E-TEC DI
Operating Range	5400-6000 RPM
Weight	558 LBS Dry Weight
Gear Ratio	1.85:1

PROPELLER	
<b>Rebel TBX™</b>	
Material	Stainless
Diameter/Pitch	15 3/8 x 18"
No. of Blades	3
Part Number	763988
Prop Vent Hole	NA
MOUNTING HEIGHT	
Hole Position	#2
Jack Plate	No
AV Mounting	25

PERFORMANCE DATA				
RPM	MPH	GPH	MPG	RANGE
500	2.60	0.20	13.00	503
1000	5.20	0.60	8.67	335
1500	7.50	1.45	5.17	200
2000	9.20	2.70	3.41	132
2500	15.55	3.75	4.15	160
3000	20.15	5.45	3.70	143
3500	25.50	7.50	3.40	132
4000	32.75	9.95	3.29	127
4500	38.30	11.25	3.40	132
5000	43.10	15.50	2.78	108
5500	48.65	19.00	2.56	99
5800	51.20	21.90	2.34	90

TEST CONDITIONS	
Water Conditions	Medium Chop
Wind Velocity	10 MPH
Air Temperature	90° F
Fuel Load	40 Gallons
Weight	1 Man Plus Test Gear

PERFORMANCE SUMMARY	
Top Speed	51.2 MPH
Best Fuel Efficiency	3.70 MPG For 143 Miles @ 20.15 MPH
Acceleration	3.2 seconds to plane

Fuel Data Range (Miles) Based On 90% Fuel Capacity



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 NMEA 2000 I-Command. Test performed and certified by BRP OEM Applications Engineering.

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