

EVINRUDE

E-TEC

PERFORMANCE REPORT

BULLETIN #: 1157
ENGINE 1: E250LH

BOAT TYPE: Pontoon

DATE OF TEST: 7/15/2015



BRP US, Inc.
10101 Science Drive
Sturtevant, WI 52177
www.evinrude.com

Manitou

Triton Industries
7800 Northport Drive
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800-999-9788
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2016 Manitou 23 Encore SR SHP

BOAT

2016 Manitou 23 Encore SR SHP

Material	Aluminum
Length	24' 4"
Beam	8' 6"
Weight w/o Engine	3100 LBS
Maximum HP	250 HP
Fuel Capacity	44 Gallons
Transom Height	20"
Steering	DPS

ENGINE

Evinrude® E-TEC® G2™ 250 H.O.

Engine Type	74° V-6
Horsepower	250 H.O.
Displacement	3.4 Liter
Induction	E-TEC DI
Operating Range	5400-6000 RPM
Weight	545 LBS Dry Weight
Gear Ratio	1.85:1

PROPELLER

Evinrude® Rebel™

Material	Stainless
Diameter/Pitch	15 3/8" x 18"
No. of Blades	3
Part Number	763988

MOUNTING HEIGHT

Hole Position	#1
Jack Plate	No
AV Mounting	N/A

PERFORMANCE DATA

RPM	MPH	GPH	MPG	RANGE
500	2.35	0.26	9.04	358
1000	4.90	0.66	7.42	294
1500	7.35	1.57	4.70	186
2000	8.25	2.74	3.02	119
2500	15.95	4.08	3.91	155
3000	20.20	5.64	3.58	142
3500	25.75	7.44	3.46	137
4000	33.35	10.17	3.28	130
4500	39.80	12.18	3.27	129
5000	45.30	15.35	2.95	117
5500	49.60	19.35	2.56	102
5725	51.85	21.23	2.44	97

TEST CONDITIONS

Water Conditions	Medium Chop
Wind Velocity	10 MPH
Air Temperature	85° F
Fuel Load	35 Gallons
Weight	2 Men Plus Test Gear

PERFORMANCE SUMMARY

Top Speed	51.9 MPH
Best Fuel Efficiency	3.58 MPG For 142 Miles @ 20.20 MPH
Acceleration	3.8 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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