

# EVINRUDE

E-TEC

## PERFORMANCE REPORT

BULLETIN #: 1158  
ENGINE 1: E250LH

BOAT TYPE: Pontoon

DATE OF TEST: 7/14/2015



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2016 Manitou 23 X-Plode SRS SHP

### BOAT

#### 2016 Manitou 23 X-Plode SRS 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

#### BRP Rebel™

Material	Stainless
Diameter/Pitch	15 38" 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	2.91	0.26	11.17	442
1000	5.42	0.67	8.09	320
1500	7.85	1.45	5.43	215
2000	10.86	2.55	4.27	169
2500	15.64	3.84	4.08	161
3000	20.66	5.64	3.67	145
3500	25.81	7.68	3.36	133
4000	32.77	10.32	3.17	126
4500	38.36	12.38	3.10	123
5000	44.13	16.05	2.75	109
5500	49.14	19.68	2.50	99
5750	51.90	21.63	2.40	95

### 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	3.67 MPG For 145 Miles @ 20.66 MPH
Acceleration	3.6 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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