

# EVINRUDE

E-TEC

## PERFORMANCE REPORT

BULLETIN #: DRAFT  
ENGINE 1: E90HGX

BOAT TYPE: Multi-Species DATE OF TEST: 8/26/2016



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



Warrior Boats Inc  
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Melrose, Minnesota 56352  
[www.warriorboatsinc.com](http://www.warriorboatsinc.com)

2016 Warrior V1890 BT

### BOAT

#### 2016 Warrior V1890 BT

Material	Fiberglass
Length	18'3"
Beam	90"
Weight w/o Engine	1800 LBS
Maximum HP	90 HP
Fuel Capacity	33 Gallons
Transom Height	25"
Steering	Pro Tiller

### ENGINE

#### Evinrude® E-TEC® 90 H.O.

Engine Type	60° V-4
Horsepower	90 H.O.
Displacement	105.4
Induction	E-TEC Direct Injection
Operating Range	5500-6000 RPM
Weight	390 LBS Dry Weight
Gear Ratio	2.25:1

### PROPELLER

#### Viper™

Material	Stainless
Diameter/Pitch	14.75x17
No. of Blades	3
Part Number	763914
Prop Vent Hole	NA

### MOUNTING HEIGHT

Hole Position	#2
Jack Plate	No
AV Mounting	25in

### PERFORMANCE DATA

RPM	MPH	GPH	MPG	RANGE
600	2.00	0.10	20.00	594
1000	3.55	0.30	11.83	351
1500	5.45	0.70	7.79	231
2000	6.85	1.35	5.07	151
2500	7.85	2.60	3.02	90
3000	11.10	4.45	2.49	74
3500	19.15	5.40	3.55	105
4000	25.30	6.00	4.22	125
4500	28.85	6.95	4.15	123
5000	33.25	8.50	3.91	116
5500	37.25	10.00	3.73	111
5700	38.20	10.65	3.59	107

### TEST CONDITIONS

Water Conditions	Calm
Wind Velocity	0-5 MPH
Air Temperature	70° F
Fuel Load	15 Gallons
Weight	2 men, Test Gear, Trolling Motor and 3 batteries

### PERFORMANCE SUMMARY

Top Speed	38.2 MPH
Best Fuel Efficiency	4.22 MPG For 125 Miles @ 25.30 MPH
Acceleration	4.9 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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