

# EVINRUDE

E-TEC

## PERFORMANCE REPORT

BULLETIN #: 1197  
ENGINE 1: E105DJL

BOAT TYPE: Aluminum

DATE OF TEST: 6/17/2016



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



Duckworth Boats  
P.O. Box 580  
Clarkston, WA 99403  
800-597-9189  
[www.duckworthboats.com](http://www.duckworthboats.com)

### DUCKWORTH 20 ADVANTAGE

BOAT	
2016 DUCKWORTH 20 ADVANTAGE	
Material	Aluminum
Length	20' 7"
Beam	90"
Weight w/o Engine	1616 LBS
Maximum HP	150 HP
Fuel Capacity	27 Gallons
Transom Height	20"
Steering	DPS

ENGINE	
Evinrude® E-TEC® Jet 105 HP	
Engine Type	60° V-6
Horsepower	105 Jet
Displacement	158.2 cu in / 2.6L
Induction	E-TEC® D.I.
Operating Range	5300 to 6000 RPM
Weight	428 LBS Dry Weight
Gear Ratio	1:1

PROPELLER	
N/A	
Material	0
Diameter/Pitch	0
No. of Blades	0
Part Number	0
Prop Vent Hole	0
MOUNTING HEIGHT	
Hole Position	#2
Jack Plate	0
AV Mounting	0

PERFORMANCE DATA				
RPM	MPH	GPH	MPG	RANGE
500	1.40	0.20	7.00	170
1000	3.40	0.40	8.50	207
1500	4.95	0.90	5.50	134
2000	6.05	1.30	4.65	113
2500	7.00	2.15	3.26	79
3000	8.90	3.55	2.51	61
3500	20.25	5.40	3.75	91
4000	27.25	7.70	3.54	86
4500	32.40	10.80	3.00	73
5000	35.70	14.15	2.52	61
5200	37.05	15.30	2.42	59
6000				

TEST CONDITIONS	
Water Conditions	Rough
Wind Velocity	10-15 MPH
Air Temperature	85° F
Fuel Load	6 Gallons
Weight	1 Adult/safety equipment

PERFORMANCE SUMMARY	
Top Speed	37.1 MPH
Best Fuel Efficiency	3.75 MPG For 91 Miles @ 20.25 MPH
Acceleration	4.2 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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