

EVINRUDE

E-TEC

PERFORMANCE REPORT

BULLETIN #: 1329
ENGINE 1: E90DSL

BOAT TYPE: Aluminum

DATE OF TEST: 8/22/2019



BRP US, Inc.
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Alumacraft
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2020 Alumacraft Voyager 175
SPT/DC

BOAT	
2020 Alumacraft Voyager 175 SPT/DC	
Material	Aluminum
Length	17'10"
Beam	87"
Weight w/o Engine	1070 lbs
Maximum HP	125 HP
Fuel Capacity	17 Gallons
Transom Height	20"
Steering	Cable

ENGINE	
Evinrude® E-TEC® 90 HP	
Engine Type	Inline 3 Cylinder
Horsepower	90
Displacement	1.3 L
Induction	E-TEC DI
Operating Range	4500-5500 RPM
Weight	320 LBS Dry Weight
Gear Ratio	2:1

PROPELLER	
Aluminum	
Material	Aluminum
Diameter/Pitch	13 1/4 in x 17 in
No. of Blades	3
Part Number	765183
Prop Vent Hole	NA
MOUNTING HEIGHT	
Hole Position	#2
Jack Plate	None

PERFORMANCE DATA				
RPM	MPH	GPH	MPG	RANGE
700	3.20	0.12	26.67	408
1000	4.70	0.29	16.21	248
1500	6.40	0.65	9.92	152
2000	7.65	1.35	5.67	87
2500	9.55	2.25	4.24	65
3000	16.35	2.95	5.54	85
3500	20.90	3.75	5.57	85
4000	25.15	4.55	5.53	85
4500	29.45	5.60	5.26	80
5000	32.85	6.30	5.21	80
5500	36.00	7.50	4.80	73

TEST CONDITIONS	
Water Conditions	Calm (rippled)
Wind Velocity	5 MPH
Air Temperature	69 ° F
Fuel Load	8.5 Gallons
Weight	Two men plus safety gear

PERFORMANCE SUMMARY	
Top Speed	36 MPH
Best Fuel Efficiency	5.57 MPG For 85 Miles @ 20.90 MPH
Acceleration	Zero to 20 MPH 3.95 Seconds

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 Gauges. Test performed and certified by BRP OEM Applications Engineering.

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