

PERFORMANCE SUMMARY

Top Speed

(mph @ rpm)

29.1 mph/6213 rpm

Acceleration

0 - 20 mph (seconds)

8.44



Test Date

October 6, 2020

Air Temperature (°F)

75

Elevation (ft)

695

Sea State

Calm

Wind Velocity Range (mph)

5

Fresh/Salt Water

Freshwater

ENGINE

Number of Engines	1
Engine	FourStroke
Horsepower	40
Cylinders	3
Drive or gear model and ratio	Standard 2.00
Engine Height (in)	20
Engine Length (in)	20

PROPELLER

Mercury Name	Black Max
Material	Aluminum
Pitch	11
Number of Blades	3

BOAT

Boat Brand	Bayliner
Boat Model	Element M15
Boat Type	Deck Boat
Boat Material	Fiberglass
Length (ft)	16
Beam (ft)	7
Fuel Tank Capacity (gal)	12
Steering Type	Cable
Dry Boat Weight (lbs)	1,570

PERFORMANCE

RPM RANGE	SPEED (MPH)	FUEL CONSUMPTION (GPH)	FUEL CONSUMPTION (MPG)	RANGE (MILES)
1000	3.1	0.3	12.1	145
1500	4.4	0.3	12.6	150
2000	5.4	0.4	12.1	145
2500	6.3	0.7	8.5	102
3000	7.3	1.2	6.2	75
3500	9.3	1.6	5.6	67
4000	15.5	1.8	8.6	104
4500	19.7	2.1	9.2	110
5000	21.9	2.5	8.8	106
5500	24.9	3	8.3	100
6000	27.2	3.8	7.2	86

